

Meeting Date: 6/17/2014

Report Type: Review

Report ID: 2014-00443

Title: (Agreement/Contract for Review and Information) Land Park Water Main Replacement Project - Phase 1

Location: District 4

Recommendation: 1) Review a report a) approving the contract plans and specifications for the project; and b) awarding the contract to A. Teichert & Son dba Teichert Construction, for an amount not to exceed \$10,413,142; and 2) continue to July 15, 2014 for approval.

Contact: Bill Busath, Manager, Engineering and Water Resources, (916) 808-1434; Dan Sherry, Supervising Engineer, Engineering and Water Resources, (916) 808-1419, Department of Utilities

Presenter: None

Department: Department Of Utilities

Division: Engineering & Water Resources

Dept ID: 14001311

Attachments:

1-Description/Analysis

2-Background

3-Council Map LP

4-LandParkWMRplcPh1_BidSpec

City Attorney Review

Approved as to Form

Joe Robinson

6/9/2014 11:08:04 AM

Approvals/Acknowledgements

Department Director or Designee: Dave Brent - 6/2/2014 2:27:14 PM

Description/Analysis

Issue Detail: This project installs water meters and replaces water distribution mains that are at the end of their useful life. Approximately 57,000 lineal feet of water main and 1,436 meters will be placed as part of this project.

Policy Considerations: This action is in conformance with City Code Chapter 3.60 Articles I and III, which provide that the City Council may award competitively bid contracts to the lowest responsible bidder.

This report's recommendation is consistent with the City's General Plan Goals of enhancing and preserving neighborhoods and supporting the economic vitality of the area.

This action advances the City's obligation to meet the requirements of Assembly Bill 2572 and City Ordinance 2005-090, which require the installation of water meters on all service connections by the year 2025.

Economic Impacts: This project is expected to create 41.7 total jobs (24 direct jobs and 17.7 jobs through indirect and induced activities) and create \$6,429,438 in total economic output (\$4,052,524 of direct output and another \$2,376,914 of output through indirect and induced activities).

The indicated economic impacts are estimates calculated using a calculation tool developed by the Center for Strategic Economic Research (CSER). CSER utilized the IMPLAN input-output model (2009 coefficients) to quantify the economic impacts of a hypothetical \$1 million of spending in various construction categories within the City of Sacramento in an average one-year period. Actual impacts could differ significantly from the estimates and neither the City of Sacramento nor CSER shall be held responsible for consequences resulting from such differences.

Environmental Considerations: The Community Development Department, Environmental Planning Services Division Manager has reviewed the proposed project and has determined that this project is exempt from the California Environmental Quality Act (CEQA), under CEQA Guidelines Section numbers 15302(c) and 15303. The project consists of the replacement of existing water main (utility systems) involving negligible expansion of capacity (CEQA Guidelines Section 15302(c)); and the installation of new water meters (equipment) (CEQA Guidelines Section 15303).

Sustainability: The project is consistent with the Sustainability Master Plan goals to help to improve water conservation awareness, by providing a monthly statement of water usage to the customers. The placement of water meters, where none previously existed, also furthers the City's progress in implementing the Water Forum Agreement and the California Urban Water Conservation Council Best Management Practices (BMPs 1, 4, and 7).

Commission/Committee Action: Not Applicable

Rationale for Recommendation: After the plans and specifications were completed by Engineering Services, the project was formally advertised to solicit public bids. On May 21, 2014 the City Clerk opened four bids. Staff recommends award of the contract to the low bidder, A. Teichert & Son dba Teichert Construction, as the lowest responsive and responsible bidder.

Financial Considerations: The total estimated project cost including design, construction, City supplied materials, inspection, and contingency is \$11,800,000. There is sufficient funding in the Land

Park Water Main Replacement Project (Z14010063, (Water Revenue Bond Ser. 2013, Fund 6310) to award the contract and complete the project. This action has no impact on the General Fund.

Local Business Enterprise (LBE): This project included a minimum participation level of 5% for local business enterprises (LBEs) as required by Ordinance 2013-0036 and Resolution 2013-0373 relating to LBE participation goals and policies. The lowest responsible bidder, Teichert Construction, exceeds the LBE minimum participation level with a participation level of 99.1%.

BACKGROUND

The proposed project will replace existing water distribution mains and install new water meters in the Land Park area as part of the City's Water Meter Retrofit Program. The purpose of this program is to meet the requirements of Assembly Bill 2572 and City Ordinance 2005-090, which require the installation of water meters on all water service connections by the year 2025.

The existing water distribution system within the project boundaries consists of old cast iron and transite mains located in residential backyards and thin-walled welded steel water mains located in front yards. These aging mains require frequent maintenance to repair leaks and have passed or are approaching the end of their useful life. Fire protection is inadequate in segments of the project area due to poor fire hydrant spacing. Therefore, additional fire hydrants will be added to the area to improve the existing fire protection.

The project objective is to improve water system reliability, increase fire protection, and advance the City's obligation to meet AB 2572 requirements. This will be accomplished by the following:

- Abandoning existing residential backyard water mains and steel mains located in front yards.
- Constructing approximately 57,000 lineal feet of new water mains within the public right-of-way.
- Install new fire hydrants to meet current fire safety standards.
- Constructing 1436 new residential water services with water meters.

To provide residents within the area notice of the project and an opportunity to express any concerns regarding the project, the Department of Utilities will distribute an informational letter or postcard containing pertinent project information and contact numbers. The outreach plan also includes:

- Preconstruction notification postcards and project signs.
- Informational door hangers will be provided by the Contractor at project milestones, including 7 day and 24 hour notices for work performed on private property.
- Water conservation packets will be provided to residents following the water meter installation.

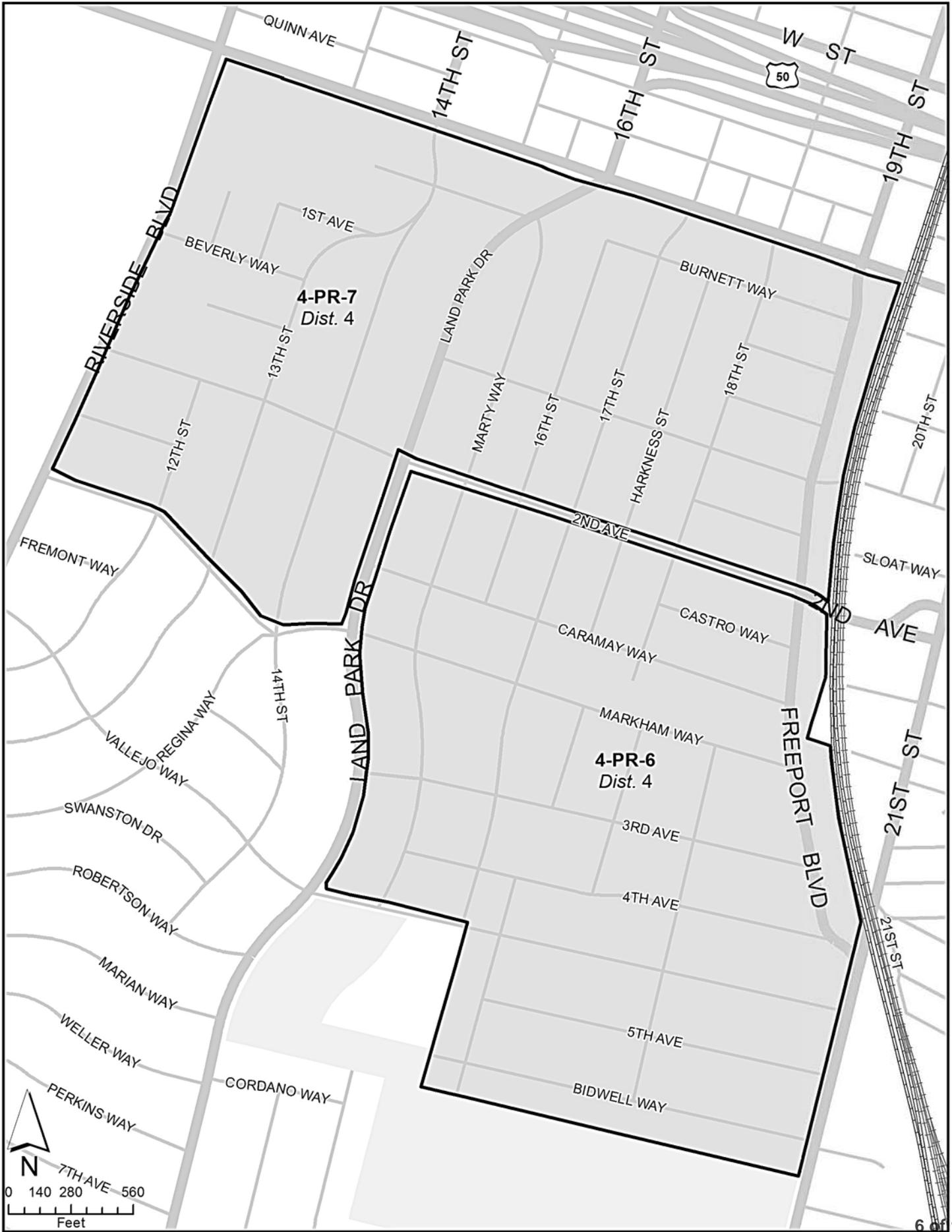
This project was advertised and four bids were received and opened on May 21, 2014. The bids are summarized below:

	Bidders	Bid Amount
1	A. Teichert & Son, dba Teichert Construction	\$10,413,142
2	Preston Pipelines, Inc.	\$10,937,162
3	Florez Paving	\$12,529,460
4	Doug Veerkamp General Eng, Inc.	\$13,614,957

Teichert Construction was the low bidder, with a bid amount of \$10,413,142. The engineer's estimate was \$11,100,000.

LOCATION MAP

Land Park Water Main Rpl Ph 1



ENGINEERING SERVICES DIVISION

CONTRACT SPECIFICATIONS
FOR

LAND PARK WATER MAIN REPLACEMENT PROJECT PHASE 1

PN: Z14010063

B14141321021

Engineer's Estimate: 11,100,000.00

For Pre-Bid Information Call:

Melissa Marshall
Associate Engineer
(916) 808-1437

Separate Plans

Bid to be received before 2:00 PM
May 21, 2014
City Hall, Office of the City Clerk
915 I Street, 5th Floor, New City Hall
Sacramento, CA 95814

LBE PROGRAM PARTICIPATION

For information on meeting the City of Sacramento's Local Business Enterprise (LBE) project goals, please contact Lorrie Lowry at (916) 808-5448, or visit the City of Sacramento's small business web site at:

<http://www.cityofsacramento.org/econdev/business-open/small-business-certification.cfm>

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SPECIAL PROVISIONS

LBE INFORMATION

The City of Sacramento's Local Business Development (LBE) program establishes an annual local business enterprise (LBE) participation goal for City contracts, and authorizes City departments to require minimum LBE participation levels in individual contracts. Under City Code section 3.60.270, all bidding contractors must meet or exceed participation goals established for this project in order to qualify as a responsible bidder.

For information on meeting the City of Sacramento's Local Business Enterprise (LBE) project goals, please contact Lorrie Lowry at (916) 808-5448, or visit the City of Sacramento's small business web site at: <http://www.cityofsacramento.org/econdev/business-open/small-business-certification.cfm>

NOTICE TO CONTRACTORS

CITY OF SACRAMENTO

Sealed Proposals will be received by the City Clerk of the City of Sacramento at the Office of the City Clerk, City Hall, located at 915 I Street, 5th Floor, New City Hall, up to the hour of 2:00 p.m. on **May 21, 2014** and opened at and read after 2:00 p.m. on **May 21, 2014**, or as soon thereafter as business allows, in the Hearing Room, 2nd Floor Room, in Historic City Hall, for construction of:

LAND PARK WATER MAIN REPLACEMENT PROJECT PHASE 1
(PN: Z14010063) (B14141321021)

as set forth in the Construction Documents.

Proposals received and work performed thereunder shall comply with the requirement of Chapter 3 of the Sacramento City Code. Each Bid Proposal shall be accompanied by bid security of at least 10% of the sum the Bid Proposal. The right to reject proposals or to waive any error or omission in any Bid Proposal received is reserved by the City. Signed proposals shall be submitted on the printed forms contained herein and enclosed in an envelope marked:

SEALED PROPOSAL FOR
LAND PARK WATER MAIN REPLACEMENT PROJECT PHASE 1
(PN: Z14010063) (B14141321021)

LBE CERTIFICATIONS ARE DUE BY THE CLOSE OF BUSINESS TWO DAYS AFTER BID OPENING to:

Melissa Marshall, Department of Utilities, Engineering Services Division
1395 35th Avenue, Sacramento, CA 95822

Phone: (916) 808-1437 / Fax: (916) 808-1497/Email: MMarshall@cityofsacramento.org

You can view and download the plans and Contract Documents from:

PLANET BIDS

<http://www.planetbids.com/portal/portal.cfm?CompanyID=15300#>

Subcontractors shall comply with the rates of wages currently established by the Director of Industrial Relations under provisions of Sections 1773 of the Labor Code of the State of California, a copy of which is on file in the office of the City Clerk. In accordance with Sacramento City Code Section 3.60.180 and Section 1771.5 of the California Labor Code, the payment of the general prevailing rate of per diem wages or the general prevailing rate of per diem wages for holiday and overtime is not required for any Public Construction project of \$25,000 or less, or Public Maintenance project of \$15,000 or less. The City of Sacramento has an approved Labor Compliance Program. **The City uses an electronic system for the submission of Labor Compliance Reports, which became effective May 1, 2007.** Each contractor and every lower-tier subcontractor submits certified payrolls and labor compliance documentation electronically at the discretion of and in the manner specified by the City of Sacramento.

Electronic submittal is via a web-based system, accessed on the World Wide Web by a web browser. Each contractor and subcontractor is given a Log On identification and password to access the City of Sacramento's reporting system.

Use of the system may entail additional data entry of weekly payroll information including; employee identification, labor classification, total hours worked and hours worked on this project, wage and benefit rates paid, etc. The contractor's payroll and accounting software might be capable of generating a 'comma delimited file' that will interface with the software.

Disseminate these provisions to every lower-tier subcontractor and vendor required to provide labor compliance documentation.

All questions regarding this Labor Compliance Program should be directed to the department's contracts staff or the Labor Compliance Officer at (916) 808-4011.

Pursuant to Sacramento City Code Section 3.60.250, any Agreement awarded pursuant to this Invitation to Bid shall contain a provision permitting the substitution of securities for any monies withheld to ensure performance under the Agreement. The terms of such provisions shall be according to the requirements and the form required by the City.

Bid protests must be filled and maintained in accordance with the provisions of Sections 3.60.460 through 3.60.560 of the Sacramento City Code. Bid protests that do not comply with Sections 3.60.460 through 3.60.560 of the Sacramento City Code shall be invalid and shall not be considered. A bid protest fee of \$750.00 is required at the time of filing to be considered valid in accordance with City of Sacramento Resolution No. 2003-231 dated April 29, 2003. As used herein, the term "bid protest" includes any bid protest that (1) claims that one or more bidders on this contract should be disqualified or rejected for any reason, or (2) contests a City staff recommendation to award this contract to a particular bidder, or (3) contests a City staff recommendation to disqualify or reject one or more bidders on this contract. A copy of Sections 3.60.460 through 3.60.560 of the Sacramento City Code may be obtained from the Project Manager, or from the City Clerk, located at 915 I Street, 5th Floor, Sacramento, CA 95814.

THE FOLLOWING DOCUMENTS
ARE TO BE COMPLETED AND
SUBMITTED WITH THE BID PACKAGE

Contractor's Name: _____
(Please print)

CITY OF SACRAMENTO

SEALED PROPOSAL

(MUST BE SIGNED BY BIDDER)

The Sealed Proposal will be received not later than **May 21, 2014**, at the Office of the City Clerk, New City Hall, at 915 I Street, 5th Floor, New City Hall, Sacramento, California and opened at 2:00 PM, or as soon thereafter as business allows, on **May 21, 2014**, by the Office of the City Clerk, 915 I Street, Historic City Hall, 2nd Floor, Hearing Room, Sacramento, California.

TO THE HONORABLE CITY COUNCIL:

The undersigned hereby proposes and agrees to furnish any and all required labor, material, transportation, and services for

**LAND PARK WATER MAIN REPLACEMENT PROJECT PHASE 1
(PN: Z14010063) (B14141321021)**

in the City and County of Sacramento, California.

TOTAL BID: _____ (\$_____).

The work herein described is to be performed in strict conformity with the Plans, City of Sacramento Standard Specifications (Resolution No. 89-216) and these Special Provisions, all as on file in the Office of the City Clerk, at the following unit prices.

Item No.	Description	Estimated Quantity	Unit	Unit Price	Total
1	Mobilization/Demobilization	1	LS	\$_____	\$_____
2	Construction Photographs	1	LS	\$_____	\$_____
3	4-Inch Diameter Water Main	114	LF	\$_____	\$_____
4	6-Inch Diameter Water Main	427	LF	\$_____	\$_____
5	8-Inch Diameter Water Main	42179	LF	\$_____	\$_____
6	12-Inch Diameter Water Main	12060	LF	\$_____	\$_____
7	8-Inch Diameter Ductile Iron Main	2304	LF	\$_____	\$_____
8	8-inch Steel Water Pipe	2	EA	\$_____	\$_____
9	6-Inch Diameter Gate Valve	2	EA	\$_____	\$_____
10	8-Inch Diameter Gate Valve	280	EA	\$_____	\$_____
11	12-Inch Diameter Gate Valve	40	EA	\$_____	\$_____
12	2-Inch Diameter Blow-Off	12	EA	\$_____	\$_____
13	6-Inch Standard Fire Hydrant	1	EA	\$_____	\$_____

Item No.	Description	Estimated Quantity	Unit	Unit Price	Total
14	8-Inch Standard Fire Hydrant	116	EA	\$ _____	\$ _____
15	Existing Fire Hydrant Removal	56	EA	\$ _____	\$ _____
16	2-Inch and Smaller Substandard Water Service	2	EA	\$ _____	\$ _____
17	1-Inch Front Yard Water Service Replacement w/ meter box (main to existing service)	89	EA	\$ _____	\$ _____
18	1-1/2-Inch Front Yard Water Service Replacement w/ meter box (main to existing service)	1	EA	\$ _____	\$ _____
19	1-Inch City Water Service Water Replacement (main to meter box)	1	EA	\$ _____	\$ _____
20	1-1/2-inch City Water Service Replacement (main to meter box)	2	EA	\$ _____	\$ _____
21	2-Inch City Water Service Replacement (main to meter box)	3	EA	\$ _____	\$ _____
22	Hybrid Water Service w/meter box (main to front/side hose bib)	427	EA	\$ _____	\$ _____
23	Hybrid Water Service w/meter box (main to rear of property)	891	EA	\$ _____	\$ _____
24	1-1/2-Inch Water Service w/meter box (main to rear of property)	46	EA	\$ _____	\$ _____
25	2-Inch Water Service w/ meter box (main to rear of property)	7	EA	\$ _____	\$ _____
26	Meter Retrofit of 1-Inch Water Service	1	EA	\$ _____	\$ _____
27	Meter Retrofit of 1-1/2-Inch Water Service	1	EA	\$ _____	\$ _____
28	Additional 1-1/2-Inch Residential/Commercial Water Service Pipe	1500	LF	\$ _____	\$ _____
29	Additional 2-Inch Residential/Commercial Water Service Pipe	1000	LF	\$ _____	\$ _____
30	Connection to Existing Water Distribution System	10	EA	\$ _____	\$ _____
31	Abandon Existing Water Services	1467	EA	\$ _____	\$ _____
32	1-1/2-Inch Schedule 40 PVC Pipe Bypass	1500	LF	\$ _____	\$ _____
33	Capping Existing Mains	9	EA	\$ _____	\$ _____
34	Demolish Existing Valves, Tees, Saddles and Water	1	LS	\$ _____	\$ _____
35	Water Quality Control	1	LS	\$ _____	\$ _____
36	Demolish Concrete	1500	SF	\$ _____	\$ _____
37	Demolish Asphaltic Concrete	1500	SF	\$ _____	\$ _____
38	Unsuitable Material	1500	TON	\$ _____	\$ _____
39	Potholes	9	EA	\$ _____	\$ _____
40	Connection at McClatchy High School	1	LS	\$ _____	\$ _____

Item No.	Description	Estimated Quantity	Unit	Unit Price	Total
41	Water Meters at 1100 Larkin Way	1	LS	\$ _____	\$ _____
42	Reconnection of Fire Service at 1326 Broadway	1	LS	\$ _____	\$ _____
43	Domestic and Fire Service Connections at 2505 Riverside Blvd (Target)	1	LS	\$ _____	\$ _____
44	Front Hose Bib Plumbing	1	LS	\$ Bid Allowance	\$ 19,000.00
45	Relocate Existing Meters	34	EA	\$ _____	\$ _____
46	Traffic Loop Detector Replacement	1	LS	\$ _____	\$ _____
47	Trench Sheeting, Shoring, and Bracing to Furnish and Install	1	LS	\$ _____	\$ _____
	DEDUCTIVE BID ITEMS			\$ _____	\$ _____
48	<i>1-Inch Meters</i>	24	EA	\$ 254.00	\$ 6,096.00
49	<i>1 ½ -Inch Meters</i>	8	EA	\$ 662.00	\$ 5,296.00
50	<i>2-Inch Meters</i>	3	EA	\$ 892.00	\$ 2,676.00

TOTAL BID: \$ _____

If awarded the contract, the undersigned shall execute said contract and furnish the necessary bonds within ten (10) days after the notice of award of said contract and begin work within fifteen (15) days after the signing of the contract by the Contractor and the City or the Notice to Proceed has been prepared, whichever is applicable.

In determining the amount bid by each bidder, City shall disregard mathematical errors in addition, subtraction, multiplication and division that appear obvious on the face of the Proposal. When such a mathematical error appears on the Proposal, the City shall have the right to correct such error and to compute the total amount bid by said bidder on the basis of the corrected figure or figures.

When the unit price of an item is required to be set forth in the Proposal, and the total for the item set forth separately does not agree with a figure derived by multiplying the item unit price times the Engineer's estimate of the quantity of work to be performed for said item, the item unit price shall prevail over the sum set forth as the total for the item unless, in the sole discretion of the City, such a procedure would be inconsistent with the policy of the City's bidding procedures. The total paid for each such item of work shall be based upon the item unit price and not the total price.

Should the Proposal contain only a total price for an item and the item unit price is omitted, the City shall determine the item unit price by dividing the total price of the item by the Engineer's estimate of the quantity of work to be performed for the item of work.

If the Proposal contains neither the item price nor the total price for the item, then it shall be deemed incomplete and the Proposal shall be disregarded.

It is understood that this bid is based upon completion of the work within a period of **three hundred fifty (350) working days** commencing on the date specified in the Notice to Proceed.

The amount of liquidated damages to be paid by the Contractor for failure to complete the work by the completion date (as extended, if applicable) shall be **one thousand two hundred dollars (\$1,200.00) for each calendar day**, continuing to the time at which the work is completed. Such amount is the actual cash value agreed upon as the loss to the City resulting from the default of the Contractor.

The undersigned represents and warrants that he/she has examined the location of the proposed work and is familiar with the conditions at the place where the work is to be done. The undersigned further represents that he/she has reviewed and understands the Plans, Special Provisions, and other contract documents, and the undersigned is satisfied with all conditions for the performance of the work.

Additionally, the undersigned shall include written documentation with the Sealed Proposal of previous satisfactory experience in installation of water main pipeline, in accordance with the following:

- ***The undersigned shall provide documentation up to two (2) projects combined and equal or similar scope for the placement of 7,500 feet of pipe and minimum of 200 services placed or meter retrofits, performed by the undersigned for a municipality or other public agency within the last five years. The documentation for each project shall describe the work performed, including the size and length of pipeline installed, the type of water main material installed, the contract amount and duration, and the time period of performance, and shall include the name, address and telephone number of the owner agency or municipality. The documentation also shall include the name of a contact person for each owner who is familiar with the work performed. The above documentation shall be included with the Sealed Proposal.***

The undersigned has carefully checked all of the above figures and understands that the City of Sacramento will not be responsible for any errors or omissions on the part of the undersigned in making up this bid.

This proposal shall not be withdrawn for the time periods specified in Section 3-2 of the City of Sacramento Standard Specifications for award of contract to respective low bidders. This proposal is submitted in accordance with Chapter 3.60 of the Sacramento City Code and Sections 1, 2, and 3 of the City of Sacramento Standard Specifications.

In accordance with Standard Specification Section 3-2, the City shall award this contract to the lowest responsible bidder, if such award is made, within forty-five (45) working days after opening of the Proposals. The City reserves the right to reject any and all bids.

BID DEPOSIT ENCLOSED IN THE FOLLOWING FORM:

\$_____ not less than ten (10) percent of amount bid.

____ CERTIFIED CHECK

____ MONEY ORDER

____ CASHIERS'S CHECK

____ BID BOND

FOR CITY USE ONLY

TYPE OF DEPOSIT

- Bid Bond
- Cashier/Certified Check
- Other _____

Reviewer's Initials: _____

CONTRACTOR

Addendum No. 1 _____

Addendum No. 2 _____ By: _____
(Signature)

Addendum No. 3 _____ Title: _____

Addendum No. 4 _____ Address: _____

No PO Box – Physical Address ONLY

City STATE ZIIP Code

Telephone No. _____

Fax No. _____

Email _____

(Federal Tax ID # or Social Security #)

Under penalty of perjury, I certify that the Taxpayer Identification Number and all other information provided here are correct.

Valid Contractor's License No. _____, Classification _____ is held by the bidder.

Expiration date _____. Representation made herein are true and correct under penalty or perjury

PN: Z14010063 (B14141321021)

KNOW ALL MEN BY THESE PRESENTS,

That we, _____

as Principal, and _____

a corporation duly organized under the laws of the State of _____ and duly licensed to become sole surety on bonds required or authorized by the State of California, as Surety, are held and firmly bound unto the City of Sacramento, hereinafter called the City, in the penal sum of ten percent (10%) of the (BASE OR LUMP SUM) Proposal of the Principal above named, or other amount as set forth in the Invitation to Bidders, submitted by said Principal to the City for the Work described below, for the payment of which sum in lawful money of the United States, well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH

That whereas the Principal has submitted the above mentioned proposal to the City, for which Proposals are to be opened by the Office of the City Clerk, Historic City Hall, Hearing Room, 2nd Floor, 915 I Street, Sacramento, California, on **May 21, 2014**, for the Work specifically described as follows:

**LAND PARK WATER MAIN REPLACEMENT PROJECT PHASE 1
(PN: Z14010063) (B14141321021)**

NOW, THEREFORE, if the aforesaid Principal is award the Agreement and within the time and manner required under the Contract Documents, enters into a written Agreement, in the prescribed form, in accordance with the Proposal, and files two (2) bonds with the City, one to guarantee faithful performance and the other to guarantee payment for labor and materials, and files the required insurance policies with the City, all as required by the Contract Documents or by law, then the obligation shall be null and void; otherwise it shall be and remain in full force and effect.

In the event suit is brought upon this bond by the Obligee and judgment is recovered, the Surety shall pay all costs incurred by the Obligee in such suit, including a reasonable attorney's fee to be fixed by the court, which sums shall be additional to the principal amount of this bond.

IN WITNESS THEREOF, We have hereunto set our hands and seal this _____ day of _____, 2014.

PRINCIPAL Seal
By: _____

Title

SURETY Seal
By _____

Title

Agent Name and Address

Agent Phone #

Surety Phone #

California License #


SACRAMENTO
Subcontractor and Local Business Enterprise (LBE)
Participation Verification Form
For Public Projects Over \$100,000

THIS FORM MUST BE SUBMITTED WITH THE SEALED BID PROPOSAL

To be eligible for award of this contract, the bidder shall list all subcontractors who perform work, labor, or render service in an amount in excess of one-half of 1 percent of the total bid amount. In the case of bids for the construction of streets and highways, including bridges, subcontractors whose subcontract value exceeds one-half of 1 percent of the total bid or ten thousand dollars (\$10,000), whichever is greater, shall be listed. In addition, the bidder shall list any business entity used to attain the 5% LBE requirement. Estimated dollar values shall be provided for all work/services/supplies listed. The inclusion of false information or the omission of required information will render the bid non-responsive.

Prime Contractor Name: _____ Address: _____
 Bid Amount: _____ Is Prime Contractor a LBE? Yes ___ No ___ Total LBE Participation %: _____ Date: _____

Business Entity Name/Address/Contact Person/Telephone/Email	Sub-contractor license number	Indicate LBE (subject to verification)	Describe Exact Type of Work/Services/Supplies to be provided to complete contract	Estimated Dollar Value of Work/Services/Supplies to be Performed or Provided	Percentage of Prime Contract	For Office Use Only (calculation)

I hereby certify that each subcontractor listed on this Subcontractor and LBE Participation Verification Form has been notified that it has been listed and has consented in writing to its name being submitted for this contract. Additionally, I certify that I shall notify each business entity listed on this Form, in writing, if the award is granted to my firm, and I shall make all documentation relevant to subcontractor and LBE participation available to the City of Sacramento upon request. I further certify that all information contained in this Form is true and correct and I acknowledge that the City will rely on the truth of the information in awarding the contract.

PRINCIPAL OF FIRM:

(Signature)

(Title)

(Date)

COPY AND ATTACH ADDITIONAL SHEETS AS NECESSARY

DRUG-FREE WORKPLACE POLICY AND AFFIDAVIT

BID MAY BE DECLARED NONRESPONSIVE IF THIS FORM (COMPLETED) IS NOT ATTACHED.
Pursuant to City Council Resolution CC90-498 dated 6/26/90 the following is required.

The undersigned contractor certifies that it and all subcontractors performing under this contract will provide a drug-free workplace by:

1. Publishing a "Drug-Free Workplace" statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Establishing a Drug-Free Awareness Program to inform employees about:
 - a. The dangers of drug abuse in the workplace.
 - b. The contractor's policy of maintaining a drug-free workplace.
 - c. Any available drug counseling, rehabilitation, and employee assistance program.
 - d. The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace.
3. Notify employees that as a condition of employment under this contract, employees will be expected to:
 - a. Abide by the terms of the statement.
 - b. Notify the employer of any criminal drug statute conviction for a violation occurring in the workplace.
4. Making it a requirement that each employee to be engaged in the performance of the contract be given a copy on the "Drug-Free Workplace" statement.
5. Taking one of the following appropriate actions, within thirty (30) days of receiving notice from an employee or otherwise receiving such notice, that said employee has received a drug conviction for a violation occurring in the workplace:
 - a. Taking appropriate disciplinary action against such an employee, up to and including termination; or
 - b. Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement or other appropriate agency.

* I certify that no person employed by this company, corporation, or business has been convicted of any criminal drug statute violation on any job site or project where this company, corporation, or business was performing work within three years of the date of my signature below.

EXCEPTION:

Date	Violation Type	Place of Occurrence
If additional space is required use back of this form.		

*The above statement will also be incorporated as a part of each subcontract agreement for any and all subcontractors selected for performance on this project.

IN THE EVENT THIS COMPANY, CORPORATION, OR BUSINESS IS AWARDED THIS CONSTRUCTION CONTRACT, AS A RESULT OF THIS BID; THE CONTRACTOR WITH HIS/HER SIGNATURE REPRESENTS TO THE CITY THAT THE INFORMATION DISCLOSED IN THIS DOCUMENT IS COMPLETE AND ACCURATE. IT IS UNDERSTOOD AND AGREED THAT FALSE CERTIFICATION IS SUBJECT TO IMMEDIATE TERMINATION BY THE CITY.

The Representations Made Herein On This Document Are Made Under Penalty Of Perjury.

CONTRACTOR'S NAME: _____

BY: _____ Date: _____
Signature Title

Effects of violations: a. Suspension of payments under this contract. b. Suspension or termination of the contract. c. Suspension or debarment of the contractor from receiving any contract from the City of Sacramento for a period not to exceed five years.
FM 681 7/10/9

MINIMUM QUALIFICATIONS QUESTIONNAIRE

Sacramento City Code Section 3.60.020 authorizes the Sacramento City Council to adopt standard minimum qualifications for bidders on competitively bid public works construction projects, and requires, among other provisions, that a bidder meet such minimum qualifications at the time of bid opening in order to bid. On July 31, 2007, the City Council adopted Resolution No. 2007-574 establishing these standard minimum qualifications. Pursuant to City Code section 3.60.020, a bidder failing to meet these minimum qualifications at the time of bid opening shall not be considered a responsible bidder for purposes of bidding on the subject project.

All bidders must demonstrate compliance with the minimum qualifications established by Resolution No. 2007-574 by completing all of the questions contained in this questionnaire. Bidder responses shall be limited to those operating business units, offices, branches and/or subsidiary divisions of the bidder that will be involved with the performance of any project work if awarded the contract. If a bidder answers "yes" to any single question, fails to submit a fully completed questionnaire, or submits false information, this will result in a determination that the minimum qualifications are not met, and the bidder shall not be considered a qualified bidder for purposes of bidding on this contract. If two or more entities submit a bid on a contract as a Joint Venture, each entity within the Joint Venture must separately meet these minimum qualifications for the Joint Venture to be considered a qualified bidder.

The City of Sacramento ("City") shall make its determination on the basis of the submitted questionnaire, as well as any relevant information that is obtained from others or as a result of investigation by the City. While it is the intent of this questionnaire to assist the City in determining whether bidders possess the minimum qualifications necessary to submit bids on the City's competitively bid public works construction contracts, the fact that a bidder submits a questionnaire demonstrating that it meets these minimum qualifications shall not in any way limit or affect the City's ability to: (1) review other information contained in the bid submitted by the bidder, and additional relevant information, and determine whether the contractor is a responsive and/or responsible bidder; or (2) establish pre-qualification requirements for a specific contract or contracts.

By submitting this questionnaire, the bidder consents to the disclosure of its questionnaire answers: (i) to third parties for purposes of verification and investigation; (ii) in connection with any protest, challenge or appeal of any action taken by the City; and (iii) as required by any law or regulation, including without limitation the California Public Records Act (Calif. Gov't Code sections 6250 et seq.). Each questionnaire must be signed under penalty of perjury in the manner designated at the end of the form, by an individual who has the legal authority to bind the bidder submitting the questionnaire. If any information provided by a bidder becomes inaccurate, the bidder shall immediately notify the City and provide updated accurate information in writing, under penalty of perjury.

QUESTIONNAIRE

NOTICE: For firms that maintain other operating business units, offices, branches and/or subsidiary divisions that will not be involved with the performance of any project work if the firm is awarded the contract, references hereafter to “your firm” shall mean only those operating business units, offices, branches and/or subsidiary divisions that will be involved with the performance of any project work.

All of the following questions regarding “your firm” refer to the firm (corporation, partnership or sole proprietor) submitting this questionnaire, as well as any firm(s) with which any of your firm’s owners, officers, or partners are or have been associated as an owner, officer, partner or similar position within the last five years

The firm submitting this questionnaire shall not be considered a responsible bidder if the answer to any of these questions is “yes”, or if the firm submits a questionnaire that is not fully completed or contains false information.

1. **Classification & Expiration Date(s) of California** Contractor’s License Number(s) held by firm:

2. Has a contractor's license held by your firm and/or any owner, officer or partner of your firm been revoked at anytime in the last five years?
 Yes No
3. Within the last five years, has a surety firm completed a contract on your firm’s behalf, or paid for completion of a contract to which your firm was a party, because your firm was considered to be in default or was terminated for cause by the project owner?
 Yes No
4. At the time of submitting this minimum qualifications questionnaire, is your firm ineligible to bid on or be awarded a public works contract, or perform as a subcontractor on a public works contract, pursuant to either California Labor Code section 1777.1 (prevailing wage violations) or Labor Code section 1777.7 (apprenticeship violations)?
 Yes No
5. At any time during the last five years, has your firm, or any of its owners, officers or partners been convicted of a crime involving the awarding of a contract for a government construction project, or the bidding or performance of a government contract?
 Yes No

6. Answer either subsection A or B, as applicable:

A. Your firm has completed three or more government construction contracts in Sacramento County within the last five years: Within those five years, has your firm been assessed liquidated damages on three or more government construction contracts in Sacramento County for failure to complete contract work on time?

NOTE: If there is a pending administrative or court action challenging the assessment of liquidated damages on a government contract within the last five years, you need not include that contract in responding to this question.

Yes No Not applicable

OR

B. Your firm has not completed at least three government construction contracts in Sacramento County within the last five years: Within the last three years, has your firm been assessed liquidated damages on three or more government construction contracts for failure to complete contract work on time?

NOTE: If there is a pending administrative or court action challenging an assessment of liquidated damages on a government contract within the last three years, you need not include that contract in responding to this question.

Yes No Not applicable

7. In the last three years has your firm been debarred from bidding on, or completing, any government agency or public works construction contract for any reason?

NOTE: If there is a pending administrative or court action challenging a debarment, you need not include that debarment in responding to this question.

Yes No

8. Has CAL OSHA assessed a total of three or more penalties against your firm for any "serious" or "willful" violation occurring on construction projects performed in Sacramento County at any time within the last three years?

NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.

Yes No

9. Answer either subsection A or B, as preferred:

A. In the last three years has your firm had a three year average Workers' Compensation experience modification rate exceeding 1.1?

Yes No

OR

B. In the last three years has your firm had a three-year average incident rate for total lost workday cases exceeding 10?

NOTE: Incident rates represent the number of lost workday cases per 100 full-time workers and is to be calculated as: $(N/EH) \times 200,000$, where

N = number of lost workday cases (as defined by the U.S. Dept. of Labor, Bureau of Labor Statistics)
EH = total hours worked by all employees during the calendar year
200,000 = base for 100 equivalent full-time working (working 40 hours per week, 50 weeks per year)

Yes No

10. In the past three years, has the federal EPA, Region IX or a California Air Quality Management District or Regional Water Quality Control Board assessed penalties three or more times, either against your firm, or against the project owner for a violation resulting in whole or in part from any action or omission by your firm on a project on which your firm was a contractor in Sacramento County?

NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.

Yes No

11. In the past three years, has the federal EPA, Region IX or a California Air Quality Management District or Regional Water Quality Control Board assessed a single penalty of \$100,000 or more, either against your firm, or against the project owner for a violation resulting in whole or in part from any action or omission by your firm on a project on which your firm was the contractor in Sacramento County?

NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.

Yes No

12. In the past three years, have civil penalties been assessed against your firm pursuant to California Labor Code 1777.7 for violation of California public works apprenticeship requirements, three or more times?

NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.

Yes No

13. In the past three years, has a public agency in California withheld contract payments or assessed penalties against your firm for violation of public works prevailing wage requirements, three or more times?

NOTE: If there is a pending administrative or court action appealing a withholding or penalty assessment, you need not include that withholding or penalty assessment in responding to this question.

Yes No

14. Has your firm been assessed penalties for violation of public works prevailing wage requirements in California, in an aggregate amount for the past three years of \$50,000 or more?

NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.

Yes No

VERIFICATION AND SIGNATURE

I, the undersigned, certify and declare that I have read all the foregoing answers to this Minimum Qualifications Questionnaire, and know their contents. The matters stated in these Questionnaire answers are true of my own knowledge and belief, except as to those matters stated on information and belief, and as to those matters I believe them to be true. I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Signed at _____, on _____.
(Location) (Date)

Signature: _____

Print name: _____

Title: _____

NOTE: If two or more entities submit a bid on a contract as a Joint Venture, each entity within the Joint Venture must submit a separate Minimum Qualifications Questionnaire.

REQUIREMENTS OF THE NON-DISCRIMINATION IN EMPLOYEE BENEFITS CODE

INTRODUCTION

The Sacramento Non-Discrimination In Employee Benefits Code (the "Ordinance"), codified as Sacramento City Code Chapter 3.54, prohibits City contractors from discriminating in the provision of employee benefits between employees with spouses and employees with domestic partners, and between the spouses and domestic partners of employees.

APPLICATION

The provisions of the Ordinance apply to any contract or agreement (as defined below), between a Contractor and the City of Sacramento, in an amount exceeding \$100,000.00. The Ordinance applies to that portion of a contractor's operations that occur: (i) within the City of Sacramento; (ii) on real property outside the City of Sacramento if the property is owned by the City or if the City has a right to occupy the property; or (iii) at any location where a significant amount of work related to a City contract is being performed.

The Ordinance does not apply: to subcontractors or subcontracts of any Contractor or contractors; to transactions entered into pursuant to cooperative purchasing agreements approved by the Sacramento City Council; to legal contracts of other governmental jurisdictions or public agencies without separate competitive bidding by the City; where the requirements of the ordinance will violate or are inconsistent with the terms or conditions of a grant, subvention or agreement with a public agency or the instructions of an authorized representative of any such agency with respect to any such grant, subvention or agreement; to permits for excavation or street construction; or to agreements for the use of City right-of-way where a contracting utility has the power of eminent domain.

DEFINITIONS

As set forth in the Ordinance, the following definitions apply:

"Contract" means an agreement for public works or improvements to be performed, or for goods or services to be purchased or grants to be provided, at the expense of the City or to be paid out of moneys deposited in the treasury or out of the trust money under the control or collected by the City. "Contract" also means a written agreement for the exclusive use ("exclusive use" means the right to use or occupy real property to the exclusion of others, other than the right reserved by the fee owner) or occupancy of real property for a term exceeding 29 days in any calendar year, whether by singular or cumulative instrument, (i) for the operation or use by others of real property owned or controlled by the City for the operation of a business, social, or other establishment or organization, including leases, concessions, franchises and easements, or (ii) for the City's use or occupancy of real property owned by others, including leases, concessions, franchises and easements.

"Contract" shall not include: a revocable at-will use or encroachment permit for the use of or encroachment on City property regardless of the ultimate duration of such permit; excavation, street construction or street use permits; agreements for the use of City right-of-way where a contracting utility has the power of eminent domain; or agreements governing the use of City property that constitute a public forum for activities that are primarily for the purpose of espousing or advocating causes or ideas and that are generally protected by the First Amendment to the United States Constitution or that are primarily recreational in nature.

“Contractor” means any person or persons, firm partnership or corporation, company, or combination thereof, that enters into a Contract with the City. “Contractor” does not include a public entity.

“Domestic Partner” means any person who has a currently registered domestic partnership with a governmental entity pursuant to state or local law authorizing the registration.

“Employee Benefits” means bereavement leave; disability, life, and other types of insurance; family medical leave; health benefits; membership or membership discounts; moving expenses; pension and retirement benefits; vacation; travel benefits; and any other benefit given to employees. “Employee benefits” shall not include benefits to the extent that the application of the requirements of this chapter to such benefits may be preempted by federal or state.

CONTRACTOR’S OBLIGATION TO PROVIDE THE CITY WITH DOCUMENTATION AND INFORMATION

Contractor shall provide the City with documentation and information verifying its compliance with the requirements of the Ordinance within ten (10) days of receipt of a request from the City. Contractors shall keep accurate payroll records, showing, for each City Contract, the employee’s name, address, Social Security number, work classification, straight time pay rate, overtime pay rate, overtime hours worked, status and exemptions, and benefits for each day and pay period that the employee works on the City Contract. Each request for payroll records shall be accompanied by an affidavit to be completed and returned by the Contractor, as stated, attesting that the information contained in the payroll records is true and correct, and that the Contractor has complied with the requirements of the Ordinance. A violation of the Ordinance or noncompliance with the requirements of the Ordinance shall constitute a breach of contract.

EMPLOYER COMPLIANCE CERTIFICATE AND NOTICE REQUIREMENTS

(a) All contractors seeking a Contract subject to the Ordinance shall submit a completed Declaration of Compliance Form (attachment “A”), signed by an authorized representative, with each proposal, bid or application. The Declaration of Compliance shall be made a part of the executed contract, and will be made available for public inspection and copying during regular business hours.

(b) The Contractor shall give each existing employee working directing on a City contract, and (at the time of hire), each new employee, a copy of the notification provided as attachment “B.”

(c) Contractor shall post, in a place visible to all employees, a copy of the notice provided as attachment “C.”

**DECLARATION OF COMPLIANCE
Equal Benefits Ordinance**

Name of Contractor

Address

The above named contractor ("Contractor") hereby declares and agrees as follows:

1. I have read and understand the Requirements of the Non-Discrimination In Employee Benefits Code (the "Requirements") provided to me by the City of Sacramento ("City") in connection with the City's request for proposals or other solicitations for the performance of services, or for the provision of commodities, under a City contract or agreement ("Contract").
2. As a condition of receiving the City Contract, I agree to fully comply with the Requirements, as well as any additional requirements that may be specified in the City's Non-Discrimination in Employee Benefits Code codified at Chapter 3.54 of the Sacramento City Code (the "Ordinance").
3. I understand, to the extent that such benefits are not preempted or prohibited by federal or state law, employee benefits covered by the Ordinance, are any of the following:
 - a. Bereavement Leave
 - b. Disability, life, and other types of insurance
 - c. Family medical leave
 - d. Health benefits
 - e. Membership or membership discounts
 - f. Moving expenses
 - g. Pension and retirement benefits
 - h. Vacation
 - i. Travel benefits
 - j. Any other benefit offered to employees

I agree that should I offer any of the above listed employee benefits, that I will offer those benefits, without discrimination between employees with spouses and employees with domestic partners, and without discrimination between the spouses and domestic partners of such employees.

4. I understand that I will not be considered to be discriminating in the provision or application of employee benefits under the following conditions or circumstances:
 - a. In the event that the actual cost of providing a benefit to a domestic partner or spouse, exceeds the cost of providing the same benefit to a spouse or domestic partner of an employee, I will not be required to provide the benefit, nor shall it be deemed discriminatory, if I require the employee to pay the monetary difference in order to provide the benefit to the domestic partner or to the spouse.
 - b. In the event I am unable to provide a certain benefit, despite taking reasonable measures to do so, if I provide the employee with a cash equivalent, I will not be deemed to be discriminating in the application of that benefit.
 - c. If I provide employee benefits neither to employee's spouses nor to employee's domestic partners.
 - d. If I provide employee benefits to employees on a basis unrelated to marital or domestic partner status.
 - e. If I submit, to the Program Coordinator, written evidence of making reasonable efforts to end discrimination in employee benefits by implementing policies which are to be enacted before the

first effective date after the first open enrollment process following the date the Contract is executed with the City.

I understand that any delay in the implementation of such policies may not exceed one (1) year from the date the Contract is executed with the City, and applies only to those employee benefits for which an open enrollment process is applicable.

- f. Until administrative steps can be taken to incorporate, in the infrastructure, nondiscrimination in employee benefits

The time allotted for these administrative steps will apply only to those employee benefits for which administrative steps are necessary and may not exceed three (3) months from the date the Contract is executed with the City.

- g. Until the expiration of a current collective bargaining agreement(s) where, in fact, employee benefits are governed by a collective bargaining agreement(s).
- h. I take all reasonable measures to end discrimination in employee benefits by either requesting the union(s) involved agree to reopen the agreement(s) in order for me to take whatever steps are necessary to end discrimination in employee benefits or by my ending discrimination in employee benefits without reopening the collective bargaining agreement(s).
- i. In the event I cannot end discrimination in employee benefits despite taking all reasonable measures to do so, I provide a cash equivalent to eligible employees for whom employee benefits (as listed previously), are not available.

Unless otherwise authorized in writing by the City Manager, I understand this cash equivalent must begin at the time the union(s) refuse to allow the collective bargaining agreement(s) to be reopened or no longer than three (3) months from the date the Contract is executed with the City.

- 5. I understand that failure to comply with the provisions of Section 4. (a) through 4. (i), above, will subject me to possible suspension and/or termination of this Contract for cause; repayment of any or all of the Contract amount disbursed by the City; debarment for future contracts until all penalties and restitution have been paid in full; deemed ineligible for future contracts for up to two (2) years; the imposition of a penalty, payable to the City, in the sum of \$50.00 for each employee, for each calendar day during which the employee was discriminated against in violation of the provisions of the Ordinance.
- 6. I understand and do hereby agree to provide each current employee and, within ten (10) days of hire, each new employee, of their rights under the Ordinance. I further agree to maintain a copy of each such letter provided, in an appropriate file for possible inspection by an authorized representative of the City. I also agree to prominently display a poster informing each employee of these rights.
- 7. I understand that I have the right to request an exemption to the benefit provisions of the Ordinance when such a request is submitted to the Procurement Services Division, in writing with sufficient justification for resolution, prior to contract award.

I further understand that the City may request a waiver or exemption to the provisions or requirements of the Ordinance, when only one contractor is available to enter into a contract or agreement to occupy and use City property on terms and conditions established by the City; when sole source conditions exist for goods, services, public project or improvements and related construction services; when there are no responsive bidders to the Ordinance requirements and the contract is for essential goods or services; when emergency conditions with public health and safety implications exist; or when the contract is for specialized legal services if in the best interest of the City.

8. In consideration of the foregoing, I shall defend, indemnify and hold harmless, the City, its officers and employees, against any claims, actions, damages, costs (including reasonable attorney fees), or other liabilities of any kind arising from any violation of the Requirements or of the Ordinance by me.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that I am authorized to bind the Contractor to the provisions of this Declaration.

Signature of Authorized Representative

Date

Print Name

Title



YOUR RIGHTS UNDER THE CITY OF SACRAMENTO'S

NON-DISCRIMINATION IN EMPLOYEE BENEFITS BY CITY CONTRACTORS ORDINANCE

On (date), your employer (the "Employer") entered into a contract with the City of Sacramento (the "City") for (contract details), and as a condition of that contract, agreed to abide by the requirements of the City's Non-Discrimination In Employee Benefits By City Contractors Ordinance (Sacramento City Code Section 3.54).

The Ordinance does not require the Employer to provide employee benefits. The Ordinance does require that if certain employee benefits are provided by the Employer, that those benefits be provided without discrimination between employees with spouses and employees with domestic partners, and without discrimination between the spouse or domestic partner of employees.

The Ordinance covers any employee working on the specific contract referenced above, but only for the period of time while those employees are actually working on this specific contract.

The included employee benefits are:

- Bereavement leave
- Disability, life and other types of insurance
- Family medical leave
- Health benefits
- Membership or membership discounts
- Moving expenses
- Pension and retirement benefits
- Vacation
- Travel benefits
- Any other benefits given to employees

(Employee Benefits does not include benefits that may be preempted by federal or state law.)

If you feel you have been discriminated or retaliated against by your employer in the terms and conditions of your application for employment, or in your employment, or in the application of these employee benefits, because of your status as an applicant or as an employee protected by the Ordinance, or because you reported a violation of the Ordinance, and after having exhausted all remedies with your employer,

You May . . .

- Submit a written complaint to the City of Sacramento, Contract Services Unit, containing the details of the alleged violation. The address is:

City of Sacramento
Contract Services Unit
915 I St., 2nd Floor
Sacramento, CA 95814

- Bring an action in the appropriate division of the Superior Court of the State of California against the Employer and obtain the following remedies:
 - Reinstatement, injunctive relief, compensatory damages and punitive damages
 - Reasonable attorney's fees and costs



YOUR RIGHTS UNDER THE CITY OF SACRAMENTO'S

NON-DISCRIMINATION IN EMPLOYEE BENEFITS BY CITY CONTRACTORS ORDINANCE

If your employer provides employee benefits, they must be provided to those employees working on a City of Sacramento contract without discriminating between employees with spouses and employees with domestic partners.

The included employee benefits are:

- Bereavement leave
- Disability, life and other types of insurance
- Family medical leave
- Health benefits
- Membership or membership discounts
- Moving expenses
- Pension and retirement benefits
- Vacation
- Travel benefits
- Any other benefits given to employees

If you feel you have been discriminated against by your employer . . .

You May . . .

- Submit a written complaint to the City of Sacramento, Contract Services Unit, containing the details of the alleged violation. The address is:

City of Sacramento
Contract Services Unit
915 I St., 2nd Floor
Sacramento, CA 95814
- Bring an action in the appropriate division of the Superior Court of the State of California against the employer and obtain reinstatement, injunctive relief, compensatory damages, punitive damages and reasonable attorney's fees and costs.

Discrimination and Retaliation Prohibited.

If you feel you have been discriminated or retaliated against by your employer in the terms and conditions of your application for employment, or in your employment, because of your status as an applicant or as an employee protected by the Ordinance, or because you reported a violation of this Ordinance . . .

You May Also . . .

Submit a written complaint to the City of Sacramento, Contract Services Unit, at the same address, containing the details of the alleged violation.

Construction and Demolition (C&D) Debris Recycling Requirements

As a condition of receiving this Contract, Contractor agrees to fully comply with the requirements specified herein for all demolition projects, as well as projects with a valuation of \$250,000 or more:

1. **Definitions.** For purposes of this section, the following terms, words and phrases shall have the following meanings:

“Certified C&D sorting facility” means a facility that receives C&D debris and/or processes C&D debris into its component material types for reuse, recycling, and disposal of residuals and possesses a valid certificate as a C&D sorting facility from the Sacramento Regional County Solid Waste Authority.

“Construction and demolition debris” or “C&D debris” means used or commonly discarded materials resulting from construction, repair, remodel or demolition operations on any pavement, house, building, or other structure, or from landscaping that are not hazardous as defined in California Health and Safety Code section 25100 et seq. Such materials include, but are not limited to, concrete, asphalt, wood, metal, brick, dirt, sand, rock, gravel, plaster, glass, gypsum wallboard, cardboard and other associated packaging, roofing material, ceramic tile, carpeting, masonry, plastic pipe, trees, and other vegetative matter resulting from land clearing and landscaping.

“Divert” or “diversion” means to use materials for any purpose other than disposal in a landfill or transformation facility. Methods to divert materials include on-site reuse of the materials, delivery of materials from the project site to a certified C&D sorting facility or a recycling facility, or other methods as approved in regulations promulgated by the City Department of Utilities.

“Franchised waste hauler” means a person who possesses a valid commercial solid waste collection franchise issued by the Sacramento Regional County Solid Waste Authority.

“Mixed C&D debris” means loads that include commingled recyclable and non-recyclable C&D debris generated at a project site.

“Recyclable C&D debris” means C&D debris required to be diverted from landfills as specified in the Waste Management Plan and returned to the economic mainstream in the form of raw material for new, reused or reconstituted products that meet the quality standards necessary to be used in the marketplace.

“Recycling facility” means a facility or operation that receives, processes, and transfers source-separated recyclable materials.

“Source-separated C&D debris” means recyclable C&D debris that is separately sorted and containerized at the site of generation by individual material type and segregated from mixed C&D debris prior to collection and transporting.

“Waste log” means a record detailing the management of C&D debris generated by the covered project, including the date and weight/volume of material by type that was salvaged, reused, recycled or disposed.

2. **Waste Management Plan.** A completed WMP (see **Attachment 1**) must be submitted to and approved by the City prior to commencing any work on the project. The WMP must specify the types of C&D debris that will be generated from the project; the manner in which C&D debris will be managed and/or stored on the project site; the manner in which recyclable C&D debris generated from the project will be recycled or reuse; the person who will haul, collect or transport the recyclable C&D debris from the project site; and the certified C&D sorting facility or recycling facility where recyclable C&D debris will be delivered. The WMP must be approved by the City prior to commencing any work on the project.

3. Contractor shall be solely responsible for diverting the recyclable C&D materials specified on the WMP. Mixed C&D debris shall be delivered to a SWA-certified C&D sorting facility only. Only the permit holder, the person who generates the waste, a franchised waste hauler, or the City of Sacramento can transport or haul mixed C&D debris. Source-separated C&D debris may be delivered by any person to any recycling facility that accepts such materials. (See **Attachment 2** for list of C&D Debris Haulers and Facilities).

4. During the course of the project, Contractor shall maintain a waste log (see **Attachment 3**), and keep all weight tickets or weight receipts, for all C&D debris hauled away from the project. At a minimum, the waste log shall specify the C&D debris generated by the project; the manner in which C&D debris was recycled or re-used; and the facility where the C&D debris was delivered.

5. Within 30 days after submitting the project completion report, Contractor shall submit to the City a completed waste log, along with copies of supporting weight tickets. Contractor shall maintain and keep accurate and complete records of all bills, weight receipts or weight tickets that were issued for the collection, transport or disposal of C&D debris for a period of one-year after submittal of the waste log. The records shall be made available for inspection, examination and audit by the City during the one-year retention period to validate the information provided in the WMP and in the waste log. If the City determines noncompliance by the Contractor after an audit has been conducted, Contractor shall reimburse the City for all costs incurred in performing the audit.

6. Failure by Contractor to comply with any provisions specified herein will subject Contractor to possible suspension and/or termination of this Contract for cause; repayment of any or all of the Contract amount disbursed by the City; imposition of a penalty, payable to the City (\$50-\$250 for first offense, \$251-\$500 for second offense, and \$501-\$1500 for subsequent offenses); and/or submission of a performance security deposit fee when submitting a permit application to the City for a project within one year of imposition of the penalty.

For questions or to obtain more information about the Recycling Requirements for C&D debris, contact the City of Sacramento, Solid Waste Services Division, 2812 Meadowview Road, Building 1, Sacramento, CA 95832, or telephone (916) 808-4833, or email C&D@cityofsacramento.org

C&D Debris Waste Management Plan

C&D Debris Waste Management Plan
 City of Sacramento Solid Waste Services
 2812 Meadowview Road, Building 1
 Sacramento, CA 95832
 Phone: (916) 808-4839 / Fax: (916) 808-4999
 C&D@cityofsacramento.org

Form
submitted by:

Please attach a business card, or put your name with a phone number and/or an email address.

This Waste Management Plan (WMP) must be submitted and approved before work can begin. Only one WMP is required for each public construction project. The administration fee and, if applicable, a security deposit must be submitted with this form to be approved. Administration fee is 0.04% of project bid amount (min \$40, max \$800); security deposit, if applicable, is 1% of bid amount (max \$10,000). The accompanying Waste Log must be submitted within 30 days of the project completion report, or a penalty may be imposed.

A. Building Project Information:

Job Address: _____
 Contractor: _____
 Address: _____

Engineering
 Estimate: _____
 Phone: _____
 Email: _____

B. Briefly describe the project:

C. Materials Required to be Recycled

50% of all debris must be recycled if generated during the course of your project. You can either **source-separate** them, which may be hauled by anyone, or mix them in one container and send the **mixed C&D debris** load to a **Certified Mixed C&D Sorting Facility**. Mixed C&D loads can only be hauled by a franchised hauler or self-hauled. Please see the Definitions section, on the next page, for more information.



D. Material Management.

1. How will C&D debris will be stored on the project site: _____ Mixed C&D _____ Source-Separated
2. Company to haul away debris: _____
3. Facilities to receive debris: _____

C&D Debris Waste Management Plan

C&D Debris Waste Management Plan
City of Sacramento Solid Waste Services
2812 Meadowview Road, Building 1
Sacramento, CA 95832
Phone: (916) 808-4839 / Fax: (916) 808-4999
C&D@cityofsacramento.org

E. Definitions.

Please read and understand these terms. Call Solid Waste at (916) 808-4833 if these terms are not clear to you. More information is also available online at <http://www.cityofsacramento.org/utilities/>.

1. **Self-haul or self-hauling:** This is when the general contractor or a subcontractor *who is doing work on the project* hauls their own waste materials for recycling or disposal. Note that a *jobsite cleanup crew is not doing other work on the project and is not self-hauling*. Jobsite cleanup crews need to be franchised in order to haul mixed C&D debris away.
2. **Franchised hauler:** Check the Department of Utilities (DOU) website for a list of these haulers. Only these companies and the City of Sacramento can collect and haul mixed C&D debris generated within the City for a fee.
3. **Source separation:** This means keeping wood, metal, cardboard, or other recyclables in separate containers, and sending the materials to an authorized recycler. A list of authorized recyclers can be found on the DOU web site. Source-separated materials may be hauled by anyone.
4. **Mixed C&D debris:** This means putting all recyclable debris into one container. Mixed materials must be sent to a certified mixed C&D sorting facility. Mixed materials may be either self-hauled or hauled by a franchised hauler. If your job site is crowded, this option saves the most space.
5. **Certified Mixed C&D Sorting Facility:** See the DOU web site for a list. These facilities have been certified by the Sacramento Regional Solid Waste Authority (SWA) to extract recyclable materials from mixed C&D debris.

F. Terms and Conditions

- Your approved Waste Management Plan and Waste Log must be kept on the job site for the duration of the project.
- City of Sacramento Solid Waste Services staff may enter the jobsite to inspect waste collection areas.
- **ALL Clean Wood Waste** (unpainted, untreated lumber, plywood and OSB), **Inert Materials** (concrete, asphalt paving, brick, block, and dirt), **Wooden Pallets**, **Scrap Metal**, and **Corrugated Cardboard** must be recycled.
- Only SWA-Certified Mixed C&D Sorting Facilities may be used to recycle these materials if mixed with other materials.
- Only the City of Sacramento, SWA-Franchised Haulers, or self-haulers (as defined above) may collect and transport mixed C&D material from the jobsite.
- C&D Debris may not be burned or dumped illegally.
- Your Waste Log must be completed and submitted, with supporting weight tickets, within 30 days of submitting your project completion report. All waste hauling and disposal or recycling activity must be entered on the Waste Log, including information from any subcontractors who self-hauled their own debris off-site.
- You must keep all receipts or weight-tickets from your project for a period of one year from the submittal of your waste log.
- Failure to comply with these terms and conditions may result in a fine and payment of a security deposit on future projects

C&D Debris Haulers & Facilities

C&D Debris Waste Management Plan
City of Sacramento Solid Waste Services
2812 Meadowview Road, Building 1
Sacramento, CA 95832
Phone: (916) 808-4833 / Fax: (916) 808-4999
C&D@cityofsacramento.org

Certified Mixed C&D Facilities

Allied Waste / Elder Creek Transfer and Recovery	(916) 387-8425
Florin-Perkins Public Disposal	(916) 443-5120
L&D Landfill	(916) 737-8640
Waste Management / K&M Recycle America	(916) 452-0142

Franchised Haulers

ACES Waste Services, Inc.	(866) 488-8837	Elk Grove Waste Management, LLC	(916) 689-4052
Allied Waste Services	(916) 631-0600	Mini Drops, Inc.	(916) 686-8785
All Waste Systems, Inc.	(916) 456-1555	Norcal Waste Services of Sacramento	(916) 381-5300
Atlas Disposal Industries, LLC	(916) 455-2800	North West Recyclers	(916) 686-8575
California Waste Recovery Systems	(916) 441-1985	Waste Management of Sacramento	(916) 387-1400
Central Valley Waste Services, Inc.	(209) 369-8274	Waste Removal & Recycling	(916) 453-1400
City of Sacramento Solid Waste	(916) 808-4839	Western Strategic Materials, Inc.	(916) 388-1076

Recyclers*

Recovery Stations & Landfills

Bell Marine	(916) 442-9089	Elder Creek Recovery & Transfer Station	(916) 387-8425
C & C Paper Recycling	(916) 920-2673	Kiefer Landfill	(916) 875-5555
EBI Aggregates	(916) 372-7580	L & D Landfill	(916) 383-9420
International Paper	(916) 371-4634	North Area Recovery Station	(916) 875-5555
Modern Waste Solutions	(916) 447-6800	Sacramento Recycling & Transfer Station	(916) 379-0500
PRIDE Industries, Inc.	(916) 640-1300	Waste Management Recycle America	(916) 452-0142
Recycling Industries, Inc.	(916) 452-3961		
Sacramento Local Conservation Corps	(916) 386-8394		
Smurfit-Stone Container Corporation	(916) 381-3340		
Southside Art Center	(916) 387-8080		
Spencer Building Maintenance, Inc.	(916) 922-1900		

More updated information can be found online at:
<http://www.cityofsacramento.org/utilities/>

* Please note that any facility may receive source-separated recyclable materials as long as it is authorized to do so by the State of California. This is not meant to be a complete list.

Green Contracting Survey (Voluntary)

The City of Sacramento and the Sacramento Metropolitan Air Quality District (SMAQMD) are conducting a joint pilot project to help meet Federal Clean Air Standards for the Sacramento region.

Attached is a Green Contracting Fleet Inventory Form. Please complete the form, remove it from the bid package and return it to SMAQMD in the postage paid envelope provided with the bid package. Please do not return the Green Contracting Fleet Inventory Form to the City of Sacramento with the bid documents or otherwise.

A limited amount of funds and other financial incentives may be available to qualified contractors participating in this joint project to assist qualified contractors with upgrading and/or replacing equipment and/or trucks.

Completing and returning the Green Contracting Fleet Inventory Form is strictly voluntary

Voluntary Green Contracting Fleet Inventory List (On-Road Equipment)

In partnership with the City of Sacramento and the Sacramento Metropolitan Air Quality Management District

Company Name:	
Contact Name:	
Company Address:	
City, State, ZIP:	
Company Phone:	

	City Bid Information
Department	
Project #	
LBE	

Instructions:

- a) Please enter the vehicle / equipment information for each unit used in conjunction with your City of Sacramento Bid.
- b) All fields are required for both on-road heavy-duty vehicles and off-road construction equipment over 50 HP.
- c) Electronic version available at <http://www.airquality.org/ceqa/index.shtml>
For additional questions, please call (916) 874-4892
- d) 4892

Please Submit To:

Kristian Damkier, P.E.
 Sacramento Metropolitan AQMD
 777 12th St, 3rd Floor
 Sacramento, CA 95814-1908

#	VIN	License Plate	Vehicle Information			Engine Information				Annual Usage (miles)	Received Funding
			Make	Model	Year	Make	Model	Year	HP		
(ex)	1XP5AAC35RG339402	1T45678	Kenworth	T-300	2002	Cummins	ISB	2002	250	35,000	No

Voluntary Green Contracting Fleet Inventory List (On-Road Equipment)

In partnership with the City of Sacramento and the Sacramento Metropolitan Air Quality Management District

Company Name:	
Contact Name:	
Company Address:	
City, State, ZIP:	
Company Phone:	

	City Bid Information
Department	
Project #	
LBE	

Instructions:

- a) Please enter the vehicle / equipment information for each unit used in conjunction with your City of Sacramento Bid.
- b) All fields are required for both on-road heavy-duty vehicles and off-road construction equipment over 50 HP.
Electronic version is available at
- c) <http://www.airquality.org/ceqa/index.shtml>
For additional questions, please call (916) 874-
- d) 4892

Please Submit To:
Kristian Damkier, P.E. Sacramento Metropolitan AQMD 777 12th St, 3rd Floor Sacramento, CA 95814-1908

Equipment Serial Number	Equipment Information				Engine Information				Annual Usage (hours)
	Make	Model	Type	Year	Make	Model	Year	HP	
48W34456	Caterpillar	631G	Scraper	2003	Caterpillar	3408E	2003	485	1,600

**LOCAL BUSINESS ENTERPRISE (LBE)
PARTICIPATION REQUIREMENTS
FOR PUBLIC PROJECTS OF \$100,000 OR MORE**
(City Contracts no Federal Funds Used)

I. LBE PARTICIPATION REQUIREMENT

On April 3, 2012, the Sacramento City Council adopted a Local Business Enterprise (LBE) Preference Program to provide enhanced opportunities for the participation of local business enterprises (LBEs) in the City's contracting and procurement activities. On November 19, 2013, the City Council increased the LBE preference percentage and authorized City departments to require minimum LBE participation levels in specific contracts. Under City Code section 3.60.270, when the bid specifications for a City contract establish a minimum participation level for LBEs, no bidder on the contract shall be considered responsive unless its bid meets the minimum LBE participation level required by the bid specifications.

The City has established **a minimum 5% participation level for LBEs on this contract.** Pursuant to City Code Section 3.60.270, no bidder on this contract shall be considered responsive unless its bid meets or exceeds this minimum participation level.

Bidder and any other business entity listed on the LBE forms submitted shall comply with all applicable laws relating to licensing, permitting, and payment of taxes and fees in the City of Sacramento or County of Sacramento; and shall not be in arrears to the City of Sacramento or County of Sacramento, upon award of a contract.

II. LBE QUALIFICATION

- A. A LBE designated in the bid must be qualified as a LBE prior to the time set for submission of bids.
- B. Local Business Enterprise means a business enterprise, including but not limited to, a sole proprietorship, partnership, limited liability company, corporation, or other business entity that has a legitimate business presence in the City or unincorporated county of Sacramento. Proof of legitimate business presence in the City or unincorporated county of Sacramento shall include:
 - 1. Having a current City of Sacramento Business Operation Tax or County of Sacramento Business License for at least twelve (12) consecutive months prior to submission of bid; and
 - 2. Having either of the following types of offices or workspace operating legally within the City or unincorporated county of Sacramento for at least twelve (12) consecutive months prior to submission of bid:
 - a. The LBE's principle business office or workspace; or
 - b. The LBE's regional, branch or satellite office with at least one full time employee located in the City or unincorporated county of Sacramento.

- C. A LBE must provide a physical address for the basis of location. This excludes P.O. Box addresses.
- D. A LBE must provide a current copy of the City of Sacramento Business Operations Tax Certificate or County of Sacramento Business License.

III. DETERMINATION OF LBE PARTICIPATION LEVEL

- A. LBE Participation: The percentage of LBE participation is determined based on the dollar value of the work to be performed or supplies to be furnished by certified LBEs designated in the bidder's Subcontractor and LBE Participation Verification Form, relative to the total dollar amount of the bid.
- B. Participation Credit: To receive credit for participation:(1) a LBE subcontractor must be responsible for the execution of a distinct element of the work, must possess any license or certification required for the work, and must actually perform, manage, or supervise the work without subcontracting or otherwise shifting any portion of the work to another subcontractor; and (2) a LBE supplier must furnish materials, equipment, or supplies that the supplier sells as a recurring, although not necessarily primary, part of its business, and that are necessary for performance of the work.
- C. Suppliers: Credit for a LBE supplier of materials, equipment, or supplies is counted as one hundred (100) percent of the amount paid to the supplier for the material, equipment, or supplies. To receive this credit, LBE suppliers must be listed on the bidder's Subcontractor and LBE Participation Verification Form.
- D. Subcontractors (including truckers): To receive credit for a LBE subcontractor, the subcontractor must be listed on the bidder's Subcontractor and LBE Participation Verification Form.
 - Truckers: Credit for a LBE trucker is counted as one hundred (100) percent of the amount paid to the trucker for trucking services, not including any amount paid to the trucker for the cost of any materials, equipment, or supplies being transported by the trucker.

IV. LBE REQUIREMENTS FOR CONTRACTOR

- A. LBE Records: The Contractor shall maintain records of all subcontracts with verified LBE subcontractors and records of materials purchased from verified LBE suppliers for one (1) year after receiving final payment from the City. Such records shall show the name and business address of each LBE subcontractor or supplier and the total dollar amount actually paid each LBE subcontractor or supplier.

Not later than 30 days after completion of the work performed under the contract, a summary of these records shall be prepared, certified correct by the Contractor's authorized representative and furnished to the City. The Contractor shall provide such other information, records, reports, certifications or other documents as may

be required by City, to determine compliance with any provision of the LBE program or these specifications.

- B. Performance of LBE Subcontractors and Suppliers: The LBEs listed by the Contractor shall perform the work and supply the materials, equipment, and supplies for which they are listed unless the Contractor has received prior written authorization from the City to perform the work with other forces or to obtain the material, equipment, or supplies from other sources. Reasons for requesting such authorization would include:
1. The listed LBE fails to execute a written contract based upon the general terms, conditions, plans, and specifications for the project.
 2. The listed LBE becomes bankrupt or insolvent.
 3. The listed LBE subcontractor fails to meet the bond requirements of the Contractor.
 4. The work performed or the materials/equipment/supplies provided by the listed LBE are unsatisfactory or are not in accordance with the plans and specifications, or the listed LBE fails to perform its contractual obligations.
 5. It would be in the best interest of the City.
- C. Subcontractor Substitution: No substitution of a LBE subcontractor shall be made at any time without compliance with the Subletting and Subcontracting Fair Practices Act. If a LBE subcontractor is unable to perform successfully and is to be replaced, the Contractor shall make reasonable efforts to replace the original LBE subcontractor with another verified LBE subcontractor. The new LBE subcontractor must be verified at the time of substitution.
- D. Reporting and Utilization Requirements and Sanctions: Failure to provide specific information, records, reports, certifications, or any other documents required for compliance with these specifications, or failure to utilize one or more LBEs in substantial compliance with the LBE utilization indicated in the Contractor's bid (unless otherwise authorized by City as provided herein, or when such failure results from changes to the work approved by the City), shall be considered a breach of the contract, and a deduction may be made from the contract amount. The deduction shall be not more than ten (10) percent of the value of the work or materials/equipment/supplies that the subject LBE(s) were listed to perform/provide in the Contractor's bid, and shall be deducted from any payment due to the Contractor. This is in addition to any deduction that may be made under any other provision of the contract, the Sacramento City Code, or State law.
- E. Hearing and Review of Division Manager Decision: Prior to making a deduction pursuant to Section IV (D), above, the City shall provide written notice of the proposed deduction to the Contractor, and the Contractor may, not later than five (5) working days after receiving such notice, provide a written request to City for a hearing to contest the proposed deduction. Upon receipt of a timely written

request from the Contractor, the City shall schedule a hearing before the Division Manager (as defined in the City's Standard Specifications for Public Construction), and written notice of the date, time and location of the hearing shall be provided to the Contractor not less than five (5) working days prior to the date of the hearing. The hearing shall be conducted in the manner specified in Section 4-8 of the Standard Specifications, and the Division Manager shall prepare and forward to the Contractor a written decision as soon as practicable after the hearing. The Division Manager's decision shall be subject to review in accordance with the provisions of Section 4-9 of the Standard Specifications. Failure to request such review in compliance with the requirements set forth in Section 4-9 shall constitute acceptance of the Division Manager's decision by the Contractor.

The written notices and requests described above shall be provided by registered or certified mail (return receipt requested), by telecopy, by personal delivery, or by any other method that provides reliable evidence of the date of receipt. Written notice provided by telecopy shall be deemed received on the date that it is transmitted and transmission is confirmed by the transmitting machine. Written notice provided by personal delivery shall be deemed received on the date of delivery.

V. DEFINITIONS

- A. Local Business Enterprise (LBE): A business enterprise, including but not limited to, a sole proprietorship, partnership, limited liability company, corporation, or any other business entity that has a legitimate business presence in the City of Sacramento or unincorporated county of Sacramento.
- B. Contractor: The sole proprietorship, partnership, limited liability company, corporation, or any other business entity entering into a contract with the City of Sacramento.
- C. Subcontractor: The sole proprietorship, partnership, limited liability company, corporation, or other business entity entering into a contract with the prime contractor to perform a portion of the work.
- D. Supplier: The sole proprietorship, partnership, limited liability company, corporation, or other business entity to provide materials, equipment, or supplies necessary for performance of the work.
- E. Proposal: Any response to a City solicitation for Proposals or Qualifications.
- F. Bid: Any response to a City solicitation for bids.

FOLLOWING FORMS TO BE FILLED OUT AND SIGNED

ONLY

IF AWARDED CONTRACT

WORKER'S COMPENSATION INSURANCE CERTIFICATION

TO THE CITY OF SACRAMENTO:

The undersigned does hereby certify that he is aware of the provisions of Section 3700 et seq. of the Labor Code which require every employer to be insured against liability for worker's compensation claims or to undertake self-insurance in accordance with the provisions of said Code, and that he/she will comply with such provisions before commencing the performance of the work on this contract.

Bidder

BY: _____

Title: _____

Address: _____

Date: _____

PLEASE READ CAREFULLY BEFORE SIGNING

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

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

AGREEMENT
(Construction Contract Over \$25,000)

THIS AGREEMENT, dated for identification _____, 20___, is made and entered into between the CITY OF SACRAMENTO, a municipal corporation (“City”), and _____ (“Contractor”).

The City and Contractor hereby mutually agree as follows:

1. CONTRACT DOCUMENTS

The Contract Documents, sometimes also referred to as the “Contract,” consist of the following items, which are hereby incorporated by reference as if set forth in full in this Agreement:

- The Notice to Contractors
- The Proposal Form submitted by the Contractor
- The Instructions to Bidders
- The Local Business Enterprise (LBE) Requirements
- The Requirements for the Non-Discrimination in Employee Benefits by City Contractors Ordinance and the Declaration of Compliance
- The City’s Reference Guide for Construction Contracts
- The Addenda, if any
- This Agreement
- The Standard Specifications
- The Special Provisions
- The Plans and Technical Specifications
- The drawings and other data and all developments thereof prepared by City pursuant to the Contract
- Any modifications of any of the foregoing made or approved by City, including but not limited to duly authorized change orders.

Unless specifically noted otherwise, references to the “Standard Specifications” shall mean and refer to the Standard Specifications for Public Construction of the City of Sacramento approved by the Sacramento City Council on June 4, 2007 (Resolution No. 2007-350), and any subsequent amendments thereto approved by the Sacramento City Council or the Sacramento City Manager. Work called for in any one Contract Document and not mentioned in another is to be performed and executed as if mentioned in all Contract Documents. The table of contents, titles and headings contained in the Contract Documents are provided solely to facilitate reference to various provisions of the Contract Documents and in no way affect or limit the interpretation of the provisions to which they refer.

2. DEFINITIONS

Unless otherwise specifically provided herein, all words and phrases defined in the Standard Specifications shall have the same meaning and intent in this Agreement.

3. AGREEMENT CONTROLS

In the event of a conflict between any of the terms and conditions set forth in this Agreement and the terms and conditions set forth in other Contract Documents, the terms and conditions set forth in this Agreement shall prevail, except that the provisions of any duly authorized change order shall prevail over any conflicting provisions of this Agreement.

4. SCOPE OF CONTRACT

Contractor agrees to furnish all tools, equipment, apparatus, facilities, labor, material and transportation necessary to perform and complete in a good and workmanlike manner to the satisfaction of City, all the Work called for in the Contract Documents entitled:

LAND PARK WATER MAIN REPLACEMENT PROJECT PHASE 1 (PN: Z14010063)

including the Work called for in the following alternative bid items described in the Proposal Form:

Contractor agrees to perform such Work in the manner designated in and in strict conformity with the Contract Documents.

5. CONTRACT AMOUNT AND PAYMENTS

City agrees to pay and Contractor agrees to accept, as complete payment for the above Work, in accordance with the schedule and procedures set forth in the Contract Documents and subject to deductions, withholdings and additions as specified in the Contract Documents, a total sum that shall not exceed the total bid amount set forth in Contractor's Proposal Form. In addition, subject to deductions, withholdings and additions as specified in the Contract Documents, payment for individual items of the Work shall be computed as follows:

(A) For items of the Work for which a lump sum price is specified in Contractor's Proposal Form, Contractor shall be paid the lump sum price(s) specified in Contractor's Proposal Form; and

(B) For items of the Work for which a unit price is specified in Contractor's Proposal Form, Contractor shall be paid the sum computed at such unit price, or computed at a different price if such different price is determined by City in accordance with the Standard Specifications, based on the actual amount of each such item performed and/or furnished and incorporated in the Work; provided that in no event shall the total sum for a unit price item exceed the total bid amount set forth for such item in the Contractor's Proposal Form, unless authorized by Change Order.

6. PROGRESS PAYMENTS

Subject to the terms and conditions of the Contract, City shall cause payments to be made upon demand of Contractor as follows:

(A) On or about the first of the month, the Engineer shall present to the Contractor a statement showing the amount of labor and materials incorporated in the Work through the twentieth (20) calendar day of the preceding month. After both Contractor and Engineer approve the statement in writing, and the City's labor compliance officer provides written approval, the City shall issue a certificate for ninety-five (95) percent of the amount it shall find to be due, subject to any deductions or withholdings authorized or required under the Contract or any applicable Laws or Regulations.

(B) No inaccuracy or error in said monthly estimates shall operate to release Contractor from damages arising from such Work or from enforcement of each and every provision of the Contract Documents, and City shall have the right subsequently to correct any error made in any estimate for payment.

(C) Contractor shall not be paid for any defective or improper Work.

(D) The remaining five (5) percent of the value of the Work performed under the Contract, if unencumbered and subject to any deductions or withholdings authorized or required under the Contract or any applicable Laws or Regulations, shall be released not later than sixty (60) days after completion and final acceptance of the Work by City. Acceptance by Contractor of the final

payment shall constitute a waiver of all claims against the City arising under the Contract Documents, except for disputed claims in stated amounts that the Contractor specifically reserves in writing, but only to the extent that the Contractor has complied with all procedures and requirements applicable to the presentation and processing of such claim(s) under the Contract Documents. Contractor shall be entitled to substitute securities for retention or to direct that payments of retention be made into escrow, as provided in Public Contract Code Section 22300, upon execution of the City's Escrow Agreement for Security Deposits in Lieu of Retention.

(E) The parties agree that, for purposes of the timely progress payment requirements specified in Public Contract Code Section 20104.50, the date that the City receives a statement jointly approved by the Contractor and the Engineer as provided above shall be deemed to constitute the date that City receives an undisputed and properly submitted payment request from the Contractor. Progress payments not made within 30 days after this date may be subject to payment of interest as provided in Public Contract Code Section 20104.50.

7. RETENTION OF SUMS CHARGED AGAINST CONTRACTOR

When, under the provisions of this Contract or any applicable Laws or Regulations, City is authorized or required to withhold, deduct or charge any sum of money against Contractor, City may deduct and retain the amount of such charge from the amount of the next succeeding progress estimate(s), or from any other moneys due or that may become due Contractor from City. If, on completion or termination of the Contract, sums due Contractor are insufficient to pay City's charges, City shall have the right to recover the balance from Contractor or its Sureties.

8. COMMENCEMENT AND PROSECUTION OF WORK

Contractor shall commence the Work not later than fifteen (15) working days after the date of the written Notice to Proceed from City to Contractor and shall diligently prosecute the Work to final completion. The phrase "commence the Work" means to engage in a continuous program on-site including, but not limited to, site clearance, grading, dredging, land filling and the fabrications, erection, or installation of the Work. The Notice to Proceed shall be issued within fifteen (15) calendar days following execution of the Agreement by the City and the filing by Contractor of the required Bonds and proof of insurance, provided that the Engineer may delay issuance of the Notice to Proceed if the Engineer determines in the Engineer's sole discretion that conditions on the site of the Work are unsuitable for commencement of the Work. After the Notice to Proceed is issued, the continuous prosecution of Work by Contractor shall be subject only to Excusable Delays as defined in this Agreement.

9. TIME OF COMPLETION

The entire Work shall be brought to completion in the manner provided for in the Contract Documents on or before **three hundred fifty (350) working days** from the date of the Notice to Proceed (hereinafter called the "Completion Date") unless extensions of time are granted in accordance with the Contract Documents.

Failure to complete the entire Work by the Completion Date and in the manner provided for in the Contract Documents shall subject Contractor to liquidated damages as provided in this Agreement. Time is and shall be of the essence in the performance of the Contract and the Work.

10. PAYMENTS DO NOT IMPLY ACCEPTANCE OF WORK

The payment of any progress payment, or the acceptance thereof by Contractor, shall not constitute acceptance of the Work or any portion thereof and shall in no way reduce the liability of Contractor to replace unsatisfactory work or material, whether or not the unsatisfactory character of such work or material was apparent or detected at the time such payment was made.

11. ACCEPTANCE NOT RELEASE

Contractor shall correct immediately any defective or imperfect work or materials that may be discovered before final acceptance of the entire Work, whether or not such defect or imperfection was previously noticed or identified by the City. The inspection of the Work, or any part thereof, shall not relieve Contractor of any of its obligations to perform satisfactory work as herein specified.

Failure or neglect on the part of City or any of its officers, employees or authorized agents to discover, identify, condemn or reject defective or imperfect work or materials shall not be construed to imply an acceptance of such work or materials, if such defect or imperfection becomes evident at any time prior to final acceptance of the entire Work, nor shall such failure or neglect be construed as barring City from enforcing Contractor's warranty(ies) or otherwise recovering damages or such a sum of money as may be required to repair or rebuild the defective or imperfect work or materials whenever City may discover the same, subject only to any statutes of limitation that may apply to any such claim.

12. CITY'S RIGHT TO TAKE POSSESSION OF THE WORK IN WHOLE OR IN PART

The City shall have the right at any time to enter upon the Work and perform work not covered by this Contract, or to occupy and use a portion of the Work, prior to the date of the final acceptance of the Work as a whole, without in any way relieving Contractor of any obligations under this Contract.

13. NO WAIVER OF REMEDIES

Neither the inspection by City, its officers, employees or agents, nor any certificate or other approval for the payment of money, nor any payment for, nor acceptance of the whole or any part of the Work by City, nor any extensions of time, nor any position taken by City, its officers, employees or its agents shall operate as a waiver of any provision of the Contract Documents nor of any power herein reserved to City or any right to damages herein provided, nor shall any waiver of any breach of this Agreement be held to be a waiver of any other or subsequent breach. All remedies provided in the Contract Documents shall be taken and construed as cumulative; in addition to each and every other remedy herein provided, the City shall have any and all equitable and legal remedies that it would in any case have.

14. WARRANTY

Except as otherwise expressly provided in the Contract Documents, and excepting only items of routine maintenance, ordinary wear and tear and unusual abuse or neglect by City, Contractor warrants and guarantees all Work executed and all supplies, materials and devices of whatsoever nature incorporated in or attached to the Work, or otherwise provided as a part of the Work pursuant to the Contract, to be absolutely free of all defects of workmanship and materials for a period of one year after final acceptance of the entire Work by the City. Contractor shall repair or replace all work or material, together with any other work or material that may be displaced or damaged in so doing, that may prove defective in workmanship or material within this one year warranty period without expense or charge of any nature whatsoever to City.

In the event that Contractor shall fail to comply with the conditions of the foregoing warranty within ten (10) days after being notified of the defect in writing, City shall have the right, but shall not be obligated, to repair, or obtain the repair of, the defect and Contractor shall pay to City on demand all costs and expense of such repair. Notwithstanding anything herein to the contrary, in the event that any defect in workmanship or material covered by the foregoing warranty results in a condition that constitutes an immediate hazard to public health or safety, or any property interest, or any person, City shall have the right to immediately repair, or cause to be repaired, such defect, and Contractor shall pay to City on demand all costs and expense of such repair. The foregoing statement relating to hazards to

health, safety or property shall be deemed to include both temporary and permanent repairs that may be required as determined in the sole discretion and judgment of City.

In addition to the above, the Contractor shall make a written assignment of all manufacturer's and other product warranties to the City, prior to completion and final acceptance of the Work by City.

The Contractor's Performance Bond shall secure the performance of the Contractor's obligations under this Section 14, and the Contractor and its Surety shall be jointly and severally liable for these obligations.

15. LIQUIDATED DAMAGES IF WORK NOT COMPLETED ON TIME

(A) The actual fact of the occurrence of damages and the actual amount of the damages that City would suffer if the entire Work, and/or any specified portion thereof, were not completed within the time(s) specified herein are dependent upon many circumstances and conditions that could prevail in various combinations, and for this reason, it is impracticable and extremely difficult to fix the actual damages. Damages that City would suffer in the event of such delay include: loss of the use of the project; expenses of prolonged assignment to the project of an architectural and/or engineering staff; prolonged costs of administration, inspection, and supervision; increased operational expenses and/or impaired operation of other facilities dependent upon completion of the project; and the loss and inconvenience suffered by the public within the City of Sacramento by reason of the delay in the completion of the project or portion thereof. Accordingly, the parties agree, and by execution of this Agreement, Contractor acknowledges that it understands and agrees, that the amount(s) set forth herein as liquidated damages reflect the parties' best efforts at the time of entering into the Contract to estimate the damages that may be incurred by City and the public due to the Contractor's delay in completion of the Work and/or any specified portion thereof, and shall be presumed to be the amount of damages sustained by the failure of Contractor to complete the entire Work and/or any specified portion thereof within the time(s) specified herein.

(B) Contractor shall pay liquidated damages to City for failure to complete the entire Work by the Completion Date (as extended in accordance with the Contract Documents, if applicable) in the amount of **one thousand two hundred dollars (\$1,200.00) for each calendar day** for each calendar day after the Completion Date (as extended in accordance with the Contract Documents, if applicable), continuing to the time at which the entire Work is completed. Such amount is the actual cash value agreed upon by the City and Contractor as the loss to City and the public resulting from Contractor's default.

The parties agree, and by execution of this Agreement, Contractor acknowledges that it understands and agrees, that the foregoing provisions provide for the imposition of liquidated damages from the Completion Date (as extended in accordance with the Contract Documents, if applicable) until the date of completion of the entire Work as determined by the Engineer in accordance with Section 8-4 of the Standard Specifications, whether or not the Work or any portion thereof is claimed or determined to be substantially complete prior to such date of completion.

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

16. INDEMNITY AND HOLD HARMLESS

(A) Contractor shall defend, hold harmless and indemnify the City, its officers, employees, and agents, and each and every one of them, from and against any and all actions, damages, costs, liabilities, claims, demands, losses, judgments, penalties, costs and expenses of every type and description, whether arising on or off the site of the Work, including, but not limited to, any fees and/or costs reasonably incurred by City's staff attorneys or outside attorneys and any fees and expenses incurred in enforcing this provision (hereafter collectively referred to as "Liabilities"), including but not limited to Liabilities arising from personal injury or death, damage to personal, real or intellectual property or the environment, contractual or other economic damages, or regulatory penalties, arising out of or in any way connected with performance of or failure to perform the Work by the Contractor, any subcontractor or agent, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, whether or not (i) such Liabilities are caused in part by a party indemnified hereunder, or (ii) such Liabilities are litigated, settled or reduced to judgment; provided that the foregoing indemnity does not apply to liability for damages for death or bodily injury to persons, injury to property, or other loss, damage or expense to the extent arising from (i) the sole negligence or willful misconduct of, or defects in design furnished by, City, its agents, servants, or independent contractors who are directly responsible to City, or (ii) the active negligence of City.

(B) The existence or acceptance by City of any of the insurance policies or coverages described in this Agreement shall not affect or limit any of City's rights under this Section 16, nor shall the limits of such insurance limit the liability of Contractor hereunder. The provisions of this Section 16 shall survive any expiration or termination of the Contract.

17. CONTRACTOR SHALL ASSUME RISKS

Until the completion and final acceptance by City of all Work under this Contract, the Work shall be under Contractor's responsible care and charge, and Contractor, at no cost to City, shall rebuild, repair, restore and make good all injuries, damages, re-erectations, and repairs occasioned or rendered necessary by accidental causes of any nature, to all or any portions of the Work.

18. GENERAL LIABILITY OF CONTRACTOR

Except as otherwise herein expressly stipulated, Contractor shall perform all the Work and furnish all the labor, materials, tools, equipment, apparatus, facilities, transportation, power and light, and appliances, necessary or proper for performing and completing the Work herein required in the manner and within the time herein specified. The mention of any specific duty or liability of Contractor shall not be construed as a limitation or restriction of any general liability or duty of Contractor, and any reference to any specific duty or liability shall be construed to be solely for the purpose of explanation.

19. INSURANCE

During the entire term of this Contract and until completion and final acceptance of the Work as provided in the Contract Documents, Contractor shall maintain in full force and effect the insurance coverage described in this section.

Full compensation for all premiums that Contractor is required to pay for the insurance coverage described herein shall be included in the compensation specified for performance of the Work under the Contract. No additional compensation will be provided for Contractor's insurance premiums.

It is understood and agreed by the Contractor that its liability to the City shall not in any way be limited to or affected by the amount of insurance coverage required of or carried by the Contractor.

(A) Minimum Scope and Limits of Insurance Coverage

(1) Commercial General Liability Insurance, providing coverage at least as broad as ISO CGL Form 00 01 on an occurrence basis for bodily injury, including death, of one or more persons, property damage and personal injury, with limits of not less than one million dollars (\$1,000,000) per occurrence. The policy shall provide contractual liability and products and completed operations coverage for the term of the policy.

(2) Automobile Liability Insurance providing coverage at least as broad as ISO Form CA 00 01 on an occurrence basis for bodily injury, including death, of one or more persons, property damage and personal injury, with limits of not less than one million dollars (\$1,000,000) per occurrence. The policy shall provide coverage for owned, non-owned and/or hired autos as appropriate to the operations of the Contractor.

(3) Workers' Compensation Insurance with statutory limits, and Employers' Liability Insurance with limits of not less than one million dollars (\$1,000,000). The Worker's Compensation policy shall include a waiver of subrogation.

(B) Additional Insured Coverage

(1) Commercial General Liability Insurance: The City, its officials, employees and volunteers shall be covered by policy terms or endorsement as additional insureds as respects general liability arising out of activities performed by or on behalf of Contractor, products and completed operations of Contractor, and premises owned, leased or used by Contractor. The general liability additional insured endorsement must be signed by an authorized representative of the insurance carrier.

If the policy includes a blanket additional insured endorsement or contractual additional insured coverage, the above signature requirement may be fulfilled by submitting that document with a signed declaration page referencing the blanket endorsement or policy form.

(2) Automobile Liability Insurance: The City, its officials, employees and volunteers shall be covered by policy terms or endorsement as additional insureds as respects auto liability.

(C) Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

(1) Contractor's insurance coverage shall be primary insurance as respects City, its officials, employees and volunteers. Any insurance or self-insurance maintained by City, its officials, employees or volunteers shall be in excess of Contractor's insurance and shall not contribute with it.

(2) Any failure to comply with reporting provisions of the policies shall not affect coverage provided to City, its officials, employees or volunteers.

(3) Coverage shall state that Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

(4) City will be provided with thirty (30) days written notice of cancellation or material change in the policy language or terms.

(D) Acceptability of Insurance

Insurance shall be placed with insurers with a Bests' rating of not less than A:V. Self-insured retentions, policy terms or other variations that do not comply with the requirements of this Section 19 must be declared to and approved by the City Risk Management Division in writing prior to execution of this Agreement.

(E) Verification of Coverage

(1) Contractor shall furnish City with certificates and required endorsements evidencing the insurance required. The certificates and endorsements shall be forwarded to the City representative designated by City. Copies of policies shall be delivered to the City on demand. Certificates of insurance shall be signed by an authorized representative of the insurance carrier.

(2) The City may withdraw its offer of contract or cancel the Contract if the certificates of insurance and endorsements required have not been provided prior to execution of this Agreement. The City may withhold payments to Contractor and/or cancel the Contract if the insurance is canceled or Contractor otherwise ceases to be insured as required herein.

(F) Subcontractors

Contractor shall require and verify that all subcontractors maintain insurance coverage that meets the minimum scope and limits of insurance coverage specified in subsection A, above.

20. **FAILURE TO MAINTAIN BONDS OR INSURANCE**

If, at any time during the performance of this Contract, Contractor fails to maintain any item of the bonds and/or insurance required under the Contract in full force and effect, Contractor shall immediately suspend all work under the Contract and notify City in writing of such failure. After such notice is provided, or if City discovers such failure and notifies Contractor, the City thereafter may withhold all Contract payments due or that become due until notice is received by City that such bonds and/or insurance have been restored in full force and effect and that the premiums therefor have been paid for a period satisfactory to the Division of Risk Management. Contractor shall not resume work until notified by City to do so, and the City shall have no responsibility or liability for any costs incurred by Contractor as a result of such suspension of Work.

In addition to the foregoing, any failure to maintain any item of the required bonds and/or insurance at any time during the performance of this Contract will be sufficient cause for termination of the Contract by City.

The Contractor shall be solely responsible for, and shall defend, indemnify and hold harmless the City, its officers, employees and agents against and from, any and all damages, claims, losses, actions, costs or other expenses of any kind incurred by any party as a direct or indirect result of any suspension of Work or termination of the Contract under the provisions of this Section.

21. **EXCUSABLE DELAYS**

For the purpose of these Contract Documents, the term "Excusable Delay" shall mean, and is limited to, delay caused directly by: acts of God; acts of a public enemy; fires; inclement weather as determined by the Engineer; riots; insurrections; epidemics; quarantine restrictions; strikes; lockouts; sitdowns; acts of a governmental agency; priorities or privileges established for the manufacture, assemble, or allotment of materials necessary in the Work by order, decree or otherwise of the United States or by any department, bureau, commission, committee, agent, or administrator of any legally

constituted public authority; changes in the Work ordered by City insofar as they necessarily require additional time in which to complete the Work; the prevention of Contractor from commencing or prosecuting the Work because of the acts of others, excepting Contractor's subcontractors or suppliers; or the prevention of Contractor from commencing or prosecuting the Work because of a Citywide failure of public utility service.

The term "Excusable Delay" shall specifically not include: (i) any delay that could have been avoided by the exercise of care, prudence, foresight and diligence on the part of Contractor; (ii) any delay in the prosecution of any part of the Work that does not constitute a Controlling Operation, whether or not such delay is unavoidable; (iii) any reasonable delay resulting from time required by City for review of any Contractor submittals and for the making of surveys, measurements and inspection; and, (iv) any delay arising from an interruption in the prosecution of the Work on account of reasonable interference by other Contractors employed by City that does not necessarily prevent the completion of the entire Work within the time specified. Excusable Delays, if any, shall operate only to extend the Completion Date (not in excess of the period of such delay as determined by City) and shall not under any circumstances increase the amount City is required to pay Contractor except as otherwise provided in these Contract Documents.

22. CONTRACTOR TO SERVE NOTICE OF DELAYS

Whenever Contractor foresees any delay in the prosecution of the Work, and in any event as soon as possible (not to exceed a period of ten (10) calendar days) after the initial occurrence of any delay that Contractor regards as or may later claim to be an Excusable Delay, the Contractor shall notify the Engineer in writing of such delay and its cause, in order that the Engineer: (i) may take immediate steps to prevent if possible the occurrence or continuance of the delay; or (ii) if this cannot be done, may determine whether the delay is to be considered excusable, how long it continues, and to what extent the prosecution and completion of the Work are delayed thereby. Said written notice shall constitute an application for an extension of time only if the notice requests such an extension and sets forth the Contractor's estimate of the additional time required together with a full description of the cause of the delay relied upon.

After the completion of any part or whole of the Work, the Engineer, in estimating the amount due Contractor, will assume that any and all delays that may have occurred in its prosecution and completion were not Excusable Delays, except for such delays for which the Contractor has provided timely written notice as required herein, and that the Engineer has found to be excusable. Contractor shall not be entitled to claim Excusable Delay for any delay for which the Contractor failed to provide such timely written notice.

23. EXTENSION OF TIME

If the Contractor complies with Section 22, above, and the Engineer finds a delay claimed by the Contractor to be an Excusable Delay, the Contractor shall be allowed an extension of time to complete the Work that is proportional to the period of Excusable Delay determined by the Engineer, subject to the approval by City of a change order granting such time extension. During a duly authorized extension for an Excusable Delay, City shall not charge liquidated damages against the Contractor for such delay.

If the City extends the time to complete the Work as provided herein, such extension shall in no way release any warranty or guarantee given by Contractor pursuant to the provisions of the Contract Documents, nor shall such extension of time relieve or release the sureties of the Bonds provided pursuant to the Contract Documents. By executing such Bonds, the Sureties shall be deemed to have expressly agreed to any such extension of time. The granting of any extension of time as provided herein shall in no way operate as a waiver on the part of City of its rights under this Contract, excepting only extension of the Completion Date for such period of Excusable Delay as may be determined by the Engineer and approved by a duly authorized change order.

24. NO PAYMENT FOR DELAYS

No damages or compensation of any kind shall be paid to Contractor or any subcontractor because of delays in the progress of the Work whether or not such delays qualify for extension of time under this Agreement; except that this provision shall not preclude the recovery of damages for a delay caused by the City that is unreasonable under the circumstances and that is not within the contemplation of the parties, provided that the Contractor timely submits all such written notice(s) and fully complies with such other procedures as may be specified in the Contract Documents or any Laws or Regulations for Contractor to claim damages for such delay.

25. CHANGES IN THE WORK

Changes in the Work authorized or directed in accordance with the Contract Documents and extensions of time of completion made necessary by reason thereof shall not in any way release any warranty or guarantee given by Contractor pursuant to the provisions of the Contract Documents, nor shall such changes in the Work relieve or release the Sureties on Bonds provided pursuant to the Contract Documents. By executing such Bonds, the Sureties shall be deemed to have expressly agreed to any such change in Work and to any extension of time made by reason thereof.

26. TERMINATION AFTER COMPLETION DATE

In addition to any other rights City may have, if any services or work required under the Contract (including but not limited to punch list items) are not completed as of the Completion Date (as adjusted by any extensions of time for Excusable Delays granted pursuant to the Contract Documents), City may terminate the Contract at any time after the Completion Date (as adjusted by any extensions of time for Excusable Delays granted pursuant to the Contract Documents), by providing a written notice to Contractor specifying the date of termination. Such notice also may specify conditions or requirements that Contractor must meet to avoid termination of the Contract on such date. If Contractor fails to fulfill all such conditions and requirements by such termination date, or, if no such conditions or requirements are specified, Contractor shall cease rendering services and performing work on such termination date, and shall not be entitled to receive any compensation for services rendered or work performed after such termination date. In the event of such termination, Contractor shall remain liable to City for liquidated damages incurred for any period of time prior to the termination date.

In addition to any other charges, withholdings or deductions authorized under the Contract or any Laws or Regulations, if City terminates the Contract pursuant to this section, City may withhold and deduct from any payment and/or retention funds otherwise due Contractor any sum necessary to pay the City's cost of completing or correcting, or contracting for the completion or correction of, any services or work under the Contract that are not completed to the satisfaction of the City or that otherwise are deficient or require correction as of such termination date, including but not limited to incomplete punch list items. Such costs shall include all of the City's direct and indirect costs incurred to complete or correct such services or work, including the City's administrative and overhead costs. If the amount of payment(s) and/or retention funds otherwise due the Contractor are insufficient to pay such costs, City shall have the right to recover the balance of such costs from the Contractor and/or its Surety(ies).

27. TERMINATION FOR CONVENIENCE

Upon written notice to the Contractor, the City may at any time, without cause and without prejudice to any other right or remedy of the City, elect to terminate the Contract for the convenience of City. In such case, the Contractor shall be paid (without duplication of any items, and after deduction and/or withholding of any amounts authorized to be deducted or withheld by the Contract Documents or any Laws or Regulations):

- (A) For Work executed in accordance with the Contract Documents prior to the effective date of termination and determined to be acceptable by the Engineer, including fair and reasonable sums for overhead and profit on such Work;
- (B) For reasonable claims, costs, losses, and damages incurred in settlement of terminated contracts with subcontractors, suppliers, and others; and
- (C) For reasonable expenses directly attributable to termination.

Contractor shall not be paid for any loss of anticipated profits or revenue for any Work not performed prior to termination, nor for any economic loss arising out of or resulting from such termination, except for the payments listed in this section. Contractor's warranty under Section 14 of this Agreement shall apply, and Contractor shall remain responsible for all obligations related to such warranty, with respect to all portions of the Work performed prior to the effective date of the termination for convenience pursuant to this section. The City shall be entitled to have any or all remaining Work performed by other contractors or by any other means at any time after the effective date of a termination for convenience pursuant to this section.

28. TERMINATION FOR BREACH OF CONTRACT

If Contractor abandons the Work under this Contract, or if the Contract or any portion of the Contract is sublet or assigned without the consent of the City, or if the Engineer determines in the Engineer's sole discretion that the conditions of the Contract in respect to the rate of progress of the Work are not being fulfilled or any part thereof is unnecessarily delayed, or if Contractor violates or breaches, or fails to execute in good faith, any of the terms or conditions of the Contract, or if Contractor refuses or fails to supply enough properly skilled labor or materials or refuses or fails to make prompt payment to subcontractors for material or labor, or if Contractor disregards any Laws or Regulations or proper instruction or orders of the Engineer, then, notwithstanding any provision to the contrary herein, the City may give Contractor and its Sureties written notification to immediately correct the situation or the Contract shall be terminated.

In the event that such notice is given, and, in the event such situation is not corrected, or arrangements for correction satisfactory to the City are not made, within ten (10) calendar days from the date of such notice or within such other period of time as may be specified by the City in the notice, the Contract shall upon the expiration of said period cease and terminate. In the event of any such termination, City may take over the Work and prosecute the Work to completion, or otherwise, and the Contractor and its Sureties shall be liable to City for any cost occasioned City thereby, as hereinafter set forth.

In the event City completes the Work, or causes the Work to be completed, no payment of any kind shall be made to Contractor until the Work is complete. The cost of completing the Work, including but not limited to, extra costs of project administration and management incurred by City, both direct or indirect, shall be deducted from any sum then due, or that becomes due, to Contractor from City. If sums due to Contractor from City are less than the cost of completing the Work, Contractor and its Sureties shall pay City a sum equal to this difference on demand. In the event City completes the Work, and there is a sum remaining due to Contractor after City deducts the costs of completing the Work, then City shall pay such sum to Contractor. The Contractor and Contractor's Sureties shall be jointly and severally liable for all obligations imposed on Contractor hereunder.

No act by City before the Work is finally accepted, including, but not limited to, exercise of other rights under the Contract, actions at law or in equity, extensions of time, payments, assessments of liquidated damages, occupation or acceptance of any part of the Work, waiver of any prior breach of the Contract or failure to take action pursuant to this section upon the happening of any prior default or breach of Contractor, shall be construed to be a waiver or estoppel of the City's right to act pursuant to this Section upon any subsequent event, occurrence or failure by Contractor to fulfill the terms and conditions of the Contract. The rights of City to terminate the Contract pursuant to this Section and

pursuant to Sections 26 and 27 are cumulative and are in addition to all other rights of City pursuant to the Contract and at law or in equity.

29. CONTRACTOR BANKRUPT

If Contractor should commence any bankruptcy proceeding, or if Contractor is adjudged a bankrupt, or if Contractor makes any assignment for the benefit of creditors, or if a receiver is appointed on account of Contractor's insolvency, then the City may, without prejudice to any other right or remedy, terminate the Contract and complete the work by giving notice as provided in Section 28 above.

30. SURETIES' OBLIGATIONS UPON TERMINATION

If the City terminates the Contract pursuant to Section 28 or Section 29 above:

(A) The Surety under Contractor's performance bond shall be fully responsible for all of the Contractor's remaining obligations of performance under the Contract as if the Surety were a party to the Contract, including without limitation Contractor's obligations, as provided in the Contract Documents, to complete and provide a one-year warranty of the entire Work, pay liquidated damages and indemnify, defend and hold harmless City, up to the full amount of the performance bond.

(B) The Surety under Contractor's payment bond shall be fully responsible for the performance of all of the Contractor's remaining payment obligations for work, services, equipment or materials performed or provided in connection with the Work or any portion thereof, up to the full amount of the payment bond.

31. ACCOUNTING RECORDS OF CONTRACTOR

During performance of the Contract and for a period of three (3) years after completing the entire Work, Contractor shall maintain all accounting and financial records related to the Contract and performance of the Work in accordance with generally accepted accounting practices, and shall keep and make such records available for inspection and audit by representatives of the City upon reasonable written notice.

32. USE TAX REQUIREMENTS

During the performance of this Agreement, CONTRACTOR, for itself, its assignees and successors in interest, agrees as follows:

(A) Use Tax Direct Payment Permit: For all leases and purchases of materials, equipment, supplies, or other tangible personal property used to perform the Agreement and shipped from outside California, the Contractor and any subcontractors leasing or purchasing such materials, equipment, supplies or other tangible personal property shall obtain a Use Tax Direct Payment Permit from the California State Board of Equalization ("SBE") in accordance with the applicable SBE criteria and requirements.

(B) Sellers Permit: For any construction contract and any construction subcontract in the amount of \$5,000,000 or more, Contractor and the subcontractor(s) shall obtain sellers permits from the SBE and shall register the jobsite as the place of business for the purpose of allocating local sales and use tax to the City. Contractor and its subcontractors shall remit the self-accrued use tax to the SBE, and shall provide a copy of each remittance to the City.

(C) The above provisions shall apply in all instances unless prohibited by the funding source for the Agreement.

IN WITNESS WHEREOF, the parties hereto have signed this Agreement on the date set for opposite their names.

CONTRACTOR

Under penalty of perjury, I certify that the taxpayer identification number and all other information provided here are correct.

DATE _____

BY _____

Print Name

Title

BY _____

Print Name

Title

Federal ID#

State ID#

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

Type of Business Entity (*check one*):
____ Individual/Sole Proprietor
____ Partnership
____ Corporation
____ Limited Liability Company
____ Other (*please specify*: _____)

CITY OF SACRAMENTO
a municipal corporation

DATE _____

BY _____

For: _____
City Manager

Original Approved As To Form:

Attest:

City Attorney

City Clerk

CITY OF SACRAMENTO
PERFORMANCE BOND
Department of Utilities

Bond #: _____
Premium: _____
Page 1 of 1

WHEREAS, the City of Sacramento, in the State of California, hereinafter called City has conditionally awarded to *(here insert full name and address of Contractor)*:

as principal, hereinafter called Contractor, an agreement for construction of:

LAND PARK WATER MAIN REPLACEMENT PROJECT PHASE 1
(PN: Z14010063) (B14141321021)

in accordance with the plans, specifications, drawings, conditions, and project manual prepared therefore, which agreement is by reference made a part hereof, and is hereinafter referred to as the Contract; and

WHEREAS, under the terms of the Contract, Contractor is required to furnish a bond for the faithful performance of the Contract.

NOW, THEREFORE, we the Contractor and *(here insert full name and address of Surety)*:

_____, a corporation duly authorized and admitted to transact business and issue surety bonds in the State of California, hereinafter called Surety, are held and firmly bound unto the City, as obligee, in the sum of _____ DOLLARS \$ _____), for the payment of which sum well and truly to be made, we the Contractor and Surety bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally. The condition of this obligation is such that, if the Contractor, Contractor's heirs, executors, administrators, successors, or assigns, shall in all things stand to and abide by, and well and truly keep and fully perform all covenants, conditions and agreements required to be kept and performed by Contractor in the Contract and any changes, additions or alterations made thereto, to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meanings, and shall indemnify and save harmless the City, its officers, employees and agents, as therein provided, then this obligation shall be null and void; otherwise shall be and remain in full force and effect. This obligation shall remain in full force and effect until (1) the date that the Contractor no longer has any remaining obligation of performance under the Contract, or (2) the date that is one year after the date that the work to be performed under the Contract is accepted as complete by the City, whichever occurs later.

As part of the obligation secured hereby and in addition to the sum specified above, there shall be included all costs, expenses and fees, including attorney's fees, reasonably incurred by City in successfully enforcing such obligation, all to be taxed as costs and included in any judgement rendered.

The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract, or to the work to be performed thereunder, or to the specifications accompanying the same, shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension, alteration or addition.

IN WITNESS WHEREOF, this instrument has been duly executed by authorized representatives of the Contractor and Surety.
SIGNED AND SEALED on _____, 2014.

(Contractor) (Seal)

By _____

Title _____

(Surety) (Seal)

By _____

Title _____

Agent Name and Address _____

ORIGINAL APPROVED AS TO FORM:

City Attorney

Agent Phone # _____

Surety Phone # _____

California License # _____

Surety Email: _____

CITY OF SACRAMENTO
PAYMENT BOND
Department of Utilities

Bond No: _____
Premium: _____

WHEREAS, the City of Sacramento, in the State of California, hereinafter called City, has conditionally awarded to:

hereinafter called Contractor, a contract for construction of:

LAND PARK WATER MAIN REPLACEMENT PROJECT PHASE 1
(PN: Z14010063) (B14141321021)

Which contract is by reference incorporated herein and made a part hereof, and is hereinafter referred to as the Contract; and

WHEREAS, under the terms of the Contract and pursuant to Chapter 5 of Title 3 of Part 6 of Division 4 of the California Civil Code (commencing with Civil Code Section 9550), Contractor is required to furnish a good and sufficient payment bond to secure payment of the claims to which reference is made in Civil Code Section 9554.

NOW, THEREFORE, we the Contractor and (*here insert full name and address of Surety*):

_____, a corporation a corporation duly authorized and admitted to transact business and issue surety bonds in the State of California, hereinafter called Surety, are held and firmly bound unto the City, and unto all persons or entities entitled to assert a claim against a payment bond under any of the aforesaid Civil Code provisions in the sum of _____ DOLLARS (\$_____), on the condition that if Contractor shall fail to pay for any materials or equipment furnished or used in performance of the Contract, or for any work or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to such work or labor, or for any amounts required to be deducted, withheld, and paid over to the Franchise Tax Board or the Employment Development Department from the wages of employees of the Contractor and all subcontractors with respect to such work or labor, then the Surety shall pay the same in an amount not exceeding the sum specified above. If suit is brought upon this bond, Surety shall pay, in addition to the above sum, all costs, expenses and fees, including attorney's fees, reasonably incurred by any party in successfully enforcing the obligation secured hereby, all to be taxed as costs and included in any judgment rendered. Should the condition of this bond be fully performed, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect, and shall bind Contractor, Surety, their heirs, executors, administrators, successors and assigns, jointly and severally.

It is hereby stipulated and agreed that this bond shall inure to the benefit of all persons, companies, corporations, political subdivisions, State agencies and other entities entitled to assert a claim against a payment bond under any of the aforesaid Civil Code provisions, so as to give a right of action to them or their assigns in any suit brought upon this bond. The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the work to be performed thereunder or to the specifications accompanying the same shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension, alteration or addition.

IN WITNESS WHEREOF, this instrument has been duly executed by authorized representatives of the Contractor and Surety.
SIGNED AND SEALED on _____ 2014.

(Contractor) (Seal)
By _____
Title _____

(Surety) (Seal)
By _____
Title _____
Agent Name and Address _____

ORIGINAL APPROVED AS TO FORM:

City Attorney

Agent Phone # _____
Surety Phone # _____
California License # _____
Surety Email: _____

CALIFORNIA LABOR CODE RELATING TO APPRENTICES ON PUBLIC WORKS PROJECTS

See following links: www.dir.ca.gov and/or www.leginfo.ca.gov

Request for Taxpayer Identification Number and Certification

**Give Form to the
 requester. Do not
 send to the IRS.**

Print or type See Specific Instructions on page 2.	Name (as shown on your income tax return)	
	Business name/disregarded entity name, if different from above	
	Check appropriate box for federal tax classification: <input type="checkbox"/> Individual/sole proprietor <input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ <input type="checkbox"/> Other (see instructions) ▶ _____	
	Exemptions (see instructions): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____	
	Address (number, street, and apt. or suite no.)	Requestor's name and address (optional)
City, state, and ZIP code		
List account number(s) here (optional)		

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on the "Name" line to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number									
Employer identification number									

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
3. I am a U.S. citizen or other U.S. person (defined below), and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here	Signature of U.S. person ▶	Date ▶
------------------	----------------------------	--------

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. The IRS has created a page on irs.gov for information about Form W-9, at www.irs.gov/w9. Information about any future developments affecting Form W-9 (such as legislation enacted after we release it) will be posted on that page.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, payments made to you in settlement of payment card and third party network transactions, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the

withholding tax on foreign partners' share of effectively connected income, and

4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct.

Note. If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

2014 Withholding Exemption Certificate

590

The payee completes this form and submits it to the withholding agent.

Withholding Agent (Type or print)

Name _____

Payee

Name _____

SSN or ITIN FEIN CA Corp no. CA SOS file no.

Address (apt./ste., room, PO Box, or PMB no.) _____

City (If you have a foreign address, see Instructions.) _____

State _____ ZIP Code _____

Exemption Reason

Check only one reason box below that applies to the payee.

By checking the appropriate box below, the Payee certifies the reason for the exemption from the California income tax withholding requirements on payment(s) made to the entity or individual.

- Individuals — Certification of Residency:**
I am a resident of California and I reside at the address shown above. If I become a nonresident at any time, I will promptly notify the withholding agent. See instructions for General Information D, Definitions.
- Corporations:**
The corporation has a permanent place of business in California at the address shown above or is qualified through the California Secretary of State (SOS) to do business in California. The corporation will file a California tax return. If this corporation ceases to have a permanent place of business in California or ceases to do any of the above, I will promptly notify the withholding agent. See instructions for General Information D, Definitions.
- Partnerships or limited liability companies (LLCs):**
The partnership or LLC has a permanent place of business in California at the address shown above or is registered with the California SOS, and is subject to the laws of California. The partnership or LLC will file a California tax return. If the partnership or LLC ceases to do any of the above, I will promptly inform the withholding agent. For withholding purposes, a limited liability partnership (LLP) is treated like any other partnership.
- Tax-Exempt Entities:**
The entity is exempt from tax under California Revenue and Taxation Code (R&TC) Section 23701 _____ (insert letter) or Internal Revenue Code Section 501(c) _____ (insert number). If this entity ceases to be exempt from tax, I will promptly notify the withholding agent. Individuals cannot be tax-exempt entities.
- Insurance Companies, Individual Retirement Arrangements (IRAs), or Qualified Pension/Profit Sharing Plans:**
The entity is an insurance company, IRA, or a federally qualified pension or profit-sharing plan.
- California Trusts:**
At least one trustee and one noncontingent beneficiary of the above-named trust is a California resident. The trust will file a California fiduciary tax return. If the trustee or noncontingent beneficiary becomes a nonresident at any time, I will promptly notify the withholding agent.
- Estates — Certification of Residency of Deceased Person:**
I am the executor of the above-named person's estate or trust. The decedent was a California resident at the time of death. The estate will file a California fiduciary tax return.
- Nonmilitary Spouse of a Military Servicemember:**
I am a nonmilitary spouse of a military servicemember and I meet the Military Spouse Residency Relief Act (MSRRA) requirements. See instructions for General Information E, MSRRA.

CERTIFICATE OF PAYEE: Payee must complete and sign below.

Under penalties of perjury, I hereby certify that the information provided in this document is, to the best of my knowledge, true and correct. If conditions change, I will promptly notify the withholding agent.

Payee's name and title (type or print) _____ Telephone (____) _____

Payee's signature ► _____ Date _____

SPECIAL PROVISIONS

**SPECIAL PROVISIONS FOR
LAND PARK WATER MAIN REPLACEMENT PROJECT
PHASE 1
(PN: Z14010063)**

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Notification Letters, Door Hangers

Traffic Alert Form

Water Service Table Meter Tracking Table Examples

SECTION 1. GENERAL CONSTRUCTION REQUIREMENTS

1.01 Scope of Work

The work to be performed under these Special Provisions consists of furnishing and installing 4-inch 6-inch, 8-inch, and 12-inch diameter water mains. Also included is furnishing and installing fittings, valves, fire hydrants and other appurtenances, water services, meter setters, meter boxes, meter lids, and meters at various commercial and residential properties within designated areas of the City of Sacramento as indicated on the Plans, and connecting to the existing distribution system as indicated on the Plans. This contract also covers connecting City water services to existing residential and commercial water services, removing existing fire hydrants and abandoning existing mains and valves as shown on the Plans and in these Special Provisions.

The Contractor shall provide all labor, materials, tools, and equipment to complete in place all work necessary to furnish, install, remove, abandon, pressure test, disinfect, and connect the water pipe, appurtenances complete and in place as indicated on the Plans and as specified in these Special Provisions. The work shall be so performed that upon contract completion the project shall be ready for use as described in these Special Provisions.

1.02 Specifications

The work to be performed under this contract shall be done in accordance with the Special Provisions contained herein. In these Special Provisions, reference is made to the Standard Specifications of the City of Sacramento, adopted June 2007, referred to herein as "City Standard Specifications". Included in this reference are all issued addendums. Reference may also be made to the State of California, Department of Transportation, Standard Specifications referred herein as "State Standard Specifications".

The general requirements of this contract shall be governed by these Special Provisions first, followed by Sections 1 through 8 of the City Standard Specifications. Other Standards or Specifications specified in these Special Provisions govern only the applicable technical specifications.

1.03 Interpretation of Contract Documents

Questions from bidder's concerning the interpretation of any portion of the contract documents may be directed to Melissa Marshall of the City of Sacramento, Department of Utilities, 1395 35th Ave, Sacramento, California, 95822, phone (916) 808-1437.

Interpretation, where necessary, will be made by the City in the form of an addendum to the contract documents and, when issued, will be sent as promptly as

is practicable to all parties to whom the bid documents have been issued. All such addenda shall become part of the contract.

It shall also be the bidder's responsibility to call to the attention of the Engineer any missing pages or drawings in the contract documents, including the addenda. These items shall be brought to the attention of the Engineer at least one (1) week prior to the bid opening date.

1.04 Governing Documents

- 1) All work performed under this contract shall be in accordance with the following general requirements:
 - a) Sealed Proposal
 - b) Agreement
 - c) City Standard Specifications - Sections 1 through 8

- 2) All work performed under this contract shall be in accordance with the following provisions:
 - a) Special Provisions
 - b) Contract Plans
 - c) City Standard Specifications - Sections 10 through 38
 - d) California Labor Code - Chapter 4 of Division 3

In the event of a conflict in the Contract Documents, the governing priorities, when appropriate, shall be in accordance with section 5-3 of the City Standard Specifications.

1.05 Shop Drawings and Submittals

The Contractor's shop drawings and submittals shall include, but not be limited to, the following:

1. Construction Activity Time Schedule
2. Traffic Control Plan
3. Water Distribution Pipe
4. Gate Valves and Fittings
5. Fire Hydrant Assemblies
6. City and Residential Water Service Materials
7. Meters (including registers)
8. Public Notification Information
9. Phasing Plan
10. Meter boxes and lids
11. Erosion, Sediment, and Pollution Control Plan

The Contractor shall keep one copy of the approved Traffic Control Plan and the Water Quality Control Plan at the construction site at all times.

To achieve standardization of appearance, maintenance, and replacement, like items of materials provided under these Special Provisions shall be the end product of one manufacturer.

Contractor shall comply with shop drawings and submittal and procedures in accordance with Section 5-7 of the City Standard Specifications.

1.06 Project Signs

Prior to beginning any onsite work the contractor shall install project signs. A total of 4 project signs, approximately 30 inches by 54 inches, shall be supplied by the City. The signs shall be installed at the following locations, but the locations of the signs shall change based on the project phasing, or as directed by the Engineer:

- Broadway and Riverside Blvd.
- Broadway and Land Park Dr.
- Broadway and Freeport Blvd.
- Riverside Blvd. and Markham Way
- Freeport Blvd. and Weller Way
- Freeport Blvd. and 4th Ave.
- Land Park Dr. and Vallejo Way

Height of sign installation shall be as directed by the Engineer. In general, the signs shall be affixed to a 4"x4" post and installed a minimum of 7 feet and maximum of 10 feet above surrounding grade. If acceptable to the Engineer an existing sign post may be used, otherwise, the Contractor shall install a new post. If signs/posts need to be installed on private property, Contractor must obtain written permission from property owner before installing any project signs. The sign and post installed by the Contractor shall be removed at the end of the project and the sign returned to the City.

1.07 Manufacturer's Instructions

Contractor shall provide and comply with manufacturer's installation instructions and procedures in accordance with Section 5-16 of the City Standard Specifications.

1.08 Equipment to be Supplied

All equipment, material and supplies called for on the Plans and Specifications shall be new and currently manufactured items, unless otherwise specified.

All equipment shall be complete and in operation to the satisfaction of the Engineer at the time of acceptance of the work.

1.09 Proof of Compliance with Contract

In order that the Engineer may determine whether the Contractor has complied with the requirements of the contract documents not readily determinable through inspection and tests of plant, equipment, work, or materials, the Contractor shall at any time when requested, at the Contractor's expense, submit to the Engineer properly authenticated documents or other satisfactory proofs as to compliance with such requirements.

1.10 Construction Activity Time Schedule

The Contractor shall submit a detailed schedule in accordance with Section 7-2 of the Standard Specifications. No progress payments will be made for work completed prior to acceptance of the schedule.

The activity time schedule shall indicate the chronological sequence in which the Contractor proposes to carry out each aspect of the work, the calendar dates on which the Contractor will begin the several salient elements of the work (procurement and delivery of materials, posting of "No Parking" signs, notification of property owners, scheduling of equipment, excavation of trenches, placement of pipe, etc), and the contemplated dates for completing said salient elements. Phasing requirements where indicated shall be incorporated into the Contractor's schedule.

The Contractor shall contact the Engineer at least forty-eight (48) hours in advance of any change in the work schedule. If the Contractor desires to make a major change in his method or operations after commencing construction, or if the activity time schedule fails to reflect the actual progress of the work, the Contractor shall submit a revised schedule to the Engineer in advance of beginning revised operations. If the Contractor's schedule is rejected by the Engineer, the Contractor will have three working days to make revisions and resubmit a revised schedule. Failure to comply may result in the suspension of all work.

At the very minimum, the Contractor shall update the construction activity time schedule every thirty (30) calendar days throughout the duration of the project.

1.11 Weekly Updates

Every Monday the Contractor shall submit an address list of all residential water service connections installed and/or connected the prior week and a list of addresses scheduled for installation in the upcoming week.

To allow the Engineer the opportunity to determine or adjust the new service diameter and location, the Contractor shall include potholing information in the weekly update. This shall include the address, existing service location and the existing diameter of both City and Residential Service lines. This potholing information shall be on file with the engineer five (5) working days prior to scheduling and/or installing the new service.

1.12 Same Superintendent and Work Crew Required

In addition to Contractor's obligations to utilize competent and skilled workers and to remove unsatisfactory workers as specified in Section 7-6 of the Standard Specifications, Contractor shall maintain the same Superintendent and work crew on the job site throughout performance of the Contract, and Contractor shall not change Contractor's Superintendent and/or work crew prior to completion of the Work unless approved in writing by the Engineer prior to such change; provided that the Engineer's approval shall not be required for Contractor to replace employees terminated by Contractor.

1.13 Water Quality Control

Water Quality Control measures shall be at a minimum in accordance with Section 16 of the City Standard Specifications. The Contractor shall prepare and submit a site specific erosion, sediment and pollution control plan (ESC Plan) that identifies all construction activities that could impact water quality and provide all the necessary mitigation BMP measures that will eliminate the discharge of any pollutants to the city's drainage system or waterways. The ESC Plan shall be submitted a minimum of 48 hours prior to start of the work. The Contractor shall not begin work until an accepted ESC Plan is on file with the Engineer.

1.14 Record Drawings

The Contractor shall maintain a neatly and accurately marked set of record drawings in accordance with Section 5-8 of the City Standard Specifications.

The record drawings shall include any deviations to the Plans, including but not limited to, locations for gate valves, fire hydrants, blow-offs, etc. Coordinate with the City and obtain the format and abbreviations for use in completing the tables.

1.15 Definitions

For definitions not found herein refer to Section 1 of the City Standard Specifications.

"Provide" shall mean furnish and install in accordance to the Plans and Specifications.

"Hybrid Water Service" shall consist of a 1-inch City Service (including meter setter assembly) followed by 1 ½-inch diameter Residential Water Service materials.

"Residential Water Service" or "Residential Service" shall mean the water service pipe and appurtenances from the property owner's side of the curb stop (or meter setter) to and including all points of connection at the house.

“Commercial Water Service” or “Commercial Service” shall mean the water service pipe and appurtenances from the commercial property owner’s side of the meter setter to and including all points of connection at the commercial building.

“Retrofit” or “Retrofit Meter” shall mean intercepting existing City Water Services, and placing a water meter, metering appurtenances, and water meter box in accordance with the Plans and Specifications.

“Water Distribution Personnel” shall mean an appointed representative from the Department of Utilities.

“City Water Service” or “City Service” shall mean the water service pipe placed from the water main up to and including the curb stop (or meter setter).

“Water Service Table” shall mean the table in the Appendix that identifies the proposed meter size and connection type for each parcel within the project area.

“Parcel Service Transfer Figure (PSTF)” shall mean the figures prepared during the design phase for use by the Contractor in identifying the general layout of the proposed water service and connection locations for each property within the project boundaries. The PSTF’s are provide as reference and are not part of the Contract Documents.

“Meter” shall mean the meter body, register, and meter setter (yoke).

“Point of Service” shall mean the private property side of the meter or curb stop.

1.16 Project Closeout

The issuance of a punch list, final acceptance of the work, and the final payment shall be in accordance with Section 8-4 of the City Standard Specifications.

When the contractor notifies the Engineer that the project has been completed the Engineer shall perform a walk through and develop a list of deficient work items. After the contractor completes correction of the deficiencies to the satisfaction of the Engineer, a final walk through will be scheduled with the City Operation and Maintenance personnel. At the final walk through a punch list will be developed and submitted to the Contractor. The Contractor shall notify the Engineer when punch list items have been completed. The Engineer will then inspect the punch list work. If the work is completed to the satisfaction of the Engineer, and if as-built drawings are completed and submitted, a completion report will be prepared.

1.17 Permanent Survey Monuments

Contractor is responsible for verifying that the arrangements have been made for preserving and/or perpetuating all permanent survey monuments that will be affected by the work in accordance with Section 5-6 of the City Standard Specifications.

1.18 City Ordinance Related to Construction Work

The City has adopted an ordinance amending Chapter 12.20 of the City Code that establishes additional minimum requirements and restrictions relating to construction activities within the City limits and establishes administrative penalties associated with non-compliance of these requirements. The ordinance includes the following general categories:

- A. Working hours for the City's "Primary Streets"
- B. Traffic control plan requirements
- C. Access to private property
- D. Maintenance of construction areas
- E. Repair of traffic control systems
- F. Care of existing known facilities
- G. Public notification
- H. Noise levels
- I. Administrative Penalties

Copies of the ordinance are available from the City Clerk's Office, 915 I Street, Sacramento, CA 95814.

1.19 Order of Work

Schools: The contractor shall complete all work within 250 feet of school property including work on the fronting street(s) when the school is not in session or on weekends. Contractor shall contact the school and confirm the school session and include this information on the Contractor's schedule. The schools located within the project area are:

McClatchy High School

California Middle School

Commercial Properties: The contractor shall contact the commercial property owners and discuss the proposed project and anticipated impacts on the commercial property owner's operation. Work on commercial properties shall be completed in a manner that does not adversely impact the ability of the commercial property owner to conduct their normal business operation. Work on commercial properties may require work on weekends or night work or in accordance with a specific schedule identified by the commercial property owner. The contractor shall include such work restrictions in the Contractor's schedule.

Contractor shall coordinate internal plumbing work on commercial buildings (where indicated) as necessary to be complete prior to completion of mainline work in Broadway.

1.20 Daily Coordination Required

In addition to the responsibilities of the Contractor and the Contractor's Superintendent as detailed in Section 5-4 of the Standard Specifications, the Contractor's Superintendent or other Contractor representative approved by City shall meet with City's representative(s) at the job site each working day, once each morning and once each afternoon, for a total of approximately one and one half (1-1/2) hours per working day. The purpose of such required meetings shall be to maintain close coordination between the Contractor and City throughout performance of the Contract, and the matters to be addressed at such meetings shall include, but are not limited to the following: reviewing the current working day's projected work schedule, updating the City representative on the current working day's completed work, communicating regarding customer notification, placement of meter boxes, type of meter box to place at each property identified on the daily work schedule, valve placements and abandonments, identifying concrete work scheduled for the next working day, quantities of completed services placed each day, pay estimates, job walks as required by the City representative to identify anomalies, and reviewing USA markings.

1.21 Lead Free Water Works Pipe and Fittings

Notwithstanding any other provision of the Contract Documents, all materials installed shall comply with the requirements of Section 116875 of the California Health & Safety Code.

1.22 Payment

No separate payment will be made to the Contractor for complying with the requirements of this section. The cost of such work shall be included in whatever bid item the Contractor deems appropriate.

END OF SECTION

SECTION 2. PUBLIC CONVENIENCE & PROTECTION OF EXISTING IMPROVEMENTS

2.01 Public Right-of Way and Easements

All water, sewer and drainage mains constructed as part of this project are to be placed within Public Street and alley rights-of-way. The Contractor shall confine his or her operations within the limits of existing street right-of-way or easements as much as practicable.

This project encroaches onto private property. As a condition of receiving or continuing to receive city water service, private property owners are required, per City Code 13.04.065, to provide access to the premises for the purpose of this project. Should the owner of a property within the project limits refuse to allow such access, the Contractor shall notify the City, who shall attempt to gain proper authorization for access.

If the Contractor finds it necessary to encroach onto private property outside the limits of the project, the Contractor shall make all necessary arrangements with the owner of the property for such encroachment. A copy of any written agreements entered into between the Contractor and the property owner concerning encroachment onto private property shall be provided to the Engineer prior to beginning any work on the property described in the agreement.

2.02 Existing Utilities

The location, alignment, and depth of existing underground utilities as shown on the Plans are taken from public records and no responsibility is assumed for the accuracy thereof. For the most part, underground utility services are not shown on the Plans.

Attention is directed to the provisions in Section 6-19 of the Standard Specifications.

The Contractor shall insure that utility services to customers in the project are maintained.

The Contractor is responsible for the protection of and for damage to existing overhead and underground utility lines and services encountered during the course of construction. The Contractor shall notify the respective utility owner prior to any interruption of service.

The Contractor is expected to "pothole" existing underground utilities a minimum of ten (10) working days in advance at any location where an existing utility may be in conflict with the proposed work.

The cost of relocating existing overhead or underground utilities not specified on plans to be relocated, but which the Contractor elects to relocate or cut and reconnect for the Contractor's own convenience, shall be borne by the Contractor.

2.03 Maintaining Water, Sewer, and Drainage Flows

The Contractor shall be responsible for maintaining water, sewer, and drainage flows including emergency repairs and temporary bypasses in accordance with Section 13-2 of the City Standard Specifications.

In addition to Section 13-2 provisions, any landscaping irrigation water lines cut or broken by the Contractor, but not immediately repaired, shall be capped until repairs can be made. The Contractor shall make repairs within 2 working days of having cut or broken such irrigation lines unless otherwise approved by the Engineer. In the interim, the Contractor shall be responsible for ensuring all locations served by the irrigation lines continue to be provided adequate water. Any landscaping that dies, or fails to recover as a result of the Contractor's actions shall be replaced in kind.

2.04 Maintaining Existing Electrical Facilities

Maintaining existing electrical facilities shall be in accordance with Section 34-7 of the City Standard Specifications and these Special Provisions.

The Contractor shall ascertain the exact location and depth of existing electrical facilities before any electrical work begins. Any damage done to existing electrical facilities that is caused by the Contractor shall be repaired immediately and at the Contractor's expense. The Contractor shall trench under all existing traffic signal and street lighting conduits.

Temporary shutdowns of traffic signals shall be in accordance with Section 34-7 of the City Standard Specifications.

2.05 Work Performed by City Crews

The Contractor is advised that the City retains the option of performing with City crews, all or a portion of any work involved in relocation, repairing, or otherwise restoring existing sewer, water, and drainage systems and services to developed properties within the limits of the project that may be in conflict with the proposed project improvements. Any such work performed by City forces will be at the discretion and convenience of the City.

Should the Contractor desire City forces to cut and repair existing water, sewer, or drain services, the Contractor shall contact the Engineer at least three (3) working days in advance to schedule and coordinate the work.

All work performed and materials provided by the City will be paid for by the Contractor or removed from this contract at no additional cost to the City in accordance with Section 4-5 of the City Standard Specifications.

2.06 Maintenance of Traffic and Public Safety

The Contractor's attention is directed to Sections 6-6, 6-7, 6-8, 6-9, 6-10, 6-11, 7-4, and 16-3 of the City Standard Specifications.

Spillage shall be removed immediately in accordance with Section 6-6 of the City Standard Specifications.

Water or dust palliative shall be applied in accordance with Section 6-6 of the City Standard Specifications.

Contractor shall not interfere with or impair any railroad operations in accordance with Section 6-6 of the City Standard Specifications.

Water main installations adjacent to commercial properties shall be completed so as to not limit the access to commercial properties. On-street parking may be restricted during construction in the areas adjacent to commercial properties. Access to commercial property off-street parking shall be coordinated such that access and egress to the parking area(s) is available at all times during operation of the business(es) that have legal use of the parking area.

The Contractor shall establish traffic scheduling and control measures acceptable to the Engineer prior to starting any work. The Contractor shall submit to the Engineer for review and approval a plan in accordance with Section 6-10 of the City Standard Specifications. This plan shall be submitted a minimum of ten (10) working days prior to the scheduled commencement of any work by the Contractor. **The Contractor will not be allowed to begin work until an approved plan is on file with the Engineer.**

The Contractor shall notify Jack Wyscarver, via the Engineer, at the Traffic Signal Maintenance Shop, (916) 808-6633, ten (10) working days before any electrical work begins.

The Contractor's traffic control plan shall provide for the following:

1. The Contractor shall provide access to all driveways or alleys at all times except when excavation is in progress, when forms are in place, or when concrete or asphalt is being placed. The Contractor shall take precautions so as not to entrap vehicles on private property during the progress of the work.

Driveways may be closed only during normal working hours and only after giving property owners a minimum of twenty-four (24) hours written notice in advance of the closure.

2. Rear access to building and existing parking areas behind buildings shall be maintained. Contractor may close such access for a limited time only if arrangements have been made with property owners. Contractor shall give property owners forty-eight (48) written hours notice in advance of the closure.

3. Vehicle and pedestrian access to driveways, houses, and commercial businesses along the streets, alleys, and easements within the limits of the project shall be maintained. Access for emergency vehicles shall be available along all streets within the construction area at all times.
4. The entire roadway width of all streets within the limits of the project shall be kept open for traffic at night, during weekends, on holidays, and during other time periods when work is not in progress. Steel plates or other approved methods shall be used to cover all open excavations in roadways during non-working hours.
5. For work done before 7:00 A.M. or after 6:00 P.M., or during all daylight hours between 6:00 P.M. Friday to 7:00 A.M. Monday, arrangements shall be made with the property owners in advance and approved by the Engineer.

The Contractor is hereby alerted that Broadway, Land Park Drive, Riverside Blvd and Freeport Blvd designated as "Primary Streets" in accordance with Section 6-10 of the City Standard Specifications. The working hours on Broadway, Land Park Drive, Riverside Blvd and Freeport Blvd are reduced to 8:30 AM to 4:00 PM, Monday through Friday. As such, by City ordinance 2002-004, the contractor will be assessed administrative penalties of \$1000.00 per code violation every 15 minutes that the contractor violates the code.

The Contractor is required to submit a completed "Traffic Alert" form to the City, ten (10) working days prior to closure of Broadway, Land Park Drive, Riverside Blvd and Freeport Blvd. A sample "Traffic Alert" form is included in Appendix.

The Contractor is also alerted that Broadway, Land Park Drive, Riverside Blvd and Freeport Blvd south of 4th Avenue are active Regional Transit bus routes. The Contractor is required to coordinate with Regional Transit for all closures of Broadway, Land Park Drive, Riverside Blvd and Freeport Blvd.

Contractor shall perform the following notification procedures prior to closing a street/alley to through traffic:

1. Police Department - Provide the Police Communications Center with the street/alley closure limits and estimated duration of closure, by calling 264-5025 and faxing the information to 264-7770 one (1) working day prior to the closure.
2. Fire Department - Provide the Fire Communications Center with the street/alley closure limits and estimated duration of closure, by calling 228-3035 and faxing the this information to 228-3075 one (1) working day prior to the closure.
3. Solid Waste Division - Provide the street/alley closure limits and estimated duration of closure, by calling 808-4952 and faxing the information to 808-1494 five (5) working days prior to the street closure.

4. On Street Parking Division - Provide the street/alley closure limits and estimated duration of closure, by calling 808-5874 and faxing the information to 808-7501 five (5) working days prior to the street closure.
5. Regional Transit - Provide the street/alley closure limits and estimated duration of closure, by calling Lynn Cain at 321-5375 and faxing the information to 557-4541 five (5) working days prior to the street closure.

The information faxed to the above shall include:

Name of Project
Project Number
Contractor Name and phone number
City Inspector Name and phone number
Department of Utilities Project
Name and Limits of Street being closed
Duration of closure

A copy of the fax receipt shall be given to the project inspector.

2.07 Protection of Existing Improvements

The Contractor shall be responsible for repairing damage to existing improvements, utilities, and adjacent property in accordance with Section 13-1 of the City Standard Specifications.

The Contractor shall operate irrigation systems, identify existing damage, and report findings to the Engineer prior to beginning construction at each residence. The Contractor shall replace irrigation features to match pre-construction conditions. Any removed or damaged landscaping features shall be relocated or replaced to match pre-construction conditions at no additional cost to the City.

2.08 Storage of Equipment or Materials

Materials and equipment shall be stored in accordance with Section 5-15 of the City Standard Specifications.

2.09 Notification to Property Owners

The Contractor shall be responsible for notifying all property owners and residents for the following situations:

- Seven days prior to commencing any work on public streets
- Seven days prior to commencing any work on private property
- 24 hours prior to commencing work on private property
- 24 hours prior to a water service shutdown on private property

In the event the Contractor returns to the property for additional work, or does work in the street in front of the property (such as paving), the seven working day and twenty four hour notification process shall be repeated

Notifications shall be in the form of a door hanger and shall include the Contractors name, a contact person and phone number, a brief summary of the work, and the estimated duration of the work. Notifications shall be as shown in the Appendix B.

For properties receiving a meter box in a non-traffic location, or driveway, the Contractor shall also be responsible for marking proposed water service and meter box locations and notifying these property owners of the proposed location two days prior to placement. Where meter boxes are to be placed within a sidewalk, no additional notification is necessary.

2.10 Removal of On-Street Parking

The Contractor's operations may require the prohibition of on-street parking of vehicles along all or a portion of the length of the project for a limited period of time. In such instances, the removal of on-street vehicle parking shall be in accordance with Section 6-18 of the City Standard Specifications.

2.11 Dust Control

The Contractor shall be responsible for the control of dust within the limits of the project at all times in accordance with Section 16-2 of the City Standard Specifications.

The Contractor shall keep all streets and alleys as well as all grounds adjacent to the project site clean and free of dust, mud, and debris resulting from the Contractor's operations in accordance with Section 16-3 of the City Standard Specifications.

Spillage of earth, gravel, concrete, asphalt, or other materials resulting from hauling operations along or across any public traveled way shall be removed immediately by the Contractor in accordance with Section 16-3 and section 6-2 of the City Standard Specifications.

2.12 Phasing of Construction

The Contractor shall produce and submit a phasing plan that is acceptable to the Engineer prior to starting any work. This plan shall illustrate the streets and properties impacted during each phase of construction, as well as the sequence of phases. This plan shall be submitted and approved a minimum of ten (10) calendar days prior to the scheduled commencement of any work by the Contractor.

The plan shall follow the phasing shown on the Plans. Additional phasing or minor modifications to the phasing indicated may be proposed by the Contractor.

The Contractor shall construct the new distribution system and services in the phased manner identified in the phasing plan. All changes to the implementation of the phasing plan must be approved in writing by the engineer.

Each phase shall be completed prior to beginning construction of the next phase, and shall include fully tested and operational new water mains, completed services, final paving, and other required surface restoration, all other items within these Special Provisions that fall within each phased area and approval by the City. The sole exception includes the abandonment of existing mains, hydrants, and valves.

2.13 Material Stockpiling Limits

Materials and equipment for the project shall be stockpiled within the current construction phase only, and shall not be stockpiled within the public street right-of-way in excess of an amount representing a ten (10) day supply at current rates of pipe laying or water service construction. Equipment and materials shall not front any single address in excess of ten (10) days unless otherwise accepted by the Engineer.

Stockpiles within the public right-of-way shall be no higher than 6 ft in height, and shall not impede traffic, nor access to residences.

Should stockpiling of materials within the public right-of-way prove to be a nuisance to the adjacent residents, the materials and/or equipment shall be moved within two (2) working days following direction by the Engineer.

2.14 Potholes and Excavations on Private Property

Unless otherwise approved by the Engineer, all potholes or excavations on private property shall be backfilled with native material on a daily basis. Sand may be substituted for native material where Meter box is to be located. Use of plates or plywood as temporary cover prior to meter box placement is not allowed.

2.15 Parcel Service Transfer Figures

In general, most of the property owners within the project boundary have been contacted by the engineering team during the design phase. A Parcel Service Transfer Figure (PSTF) was prepared for each property identifying potential locations for the meter box and connection points to re-establish service to the parcel. Other supplemental information that could affect the installation of the new water service such as presence of concrete, decking, special landscaping, etc, was also recorded for each parcel. The information provided on the PSTF's was used to develop bid item quantities and are for use by the Contractor for a general layout of the facilities on each parcel. The Contractor is responsible for confirming the information on the PSTF's as it affects the installation of the Water Services and re-establishing water service to the residence or commercial facilities in conformance

with the requirements in Specifications and as shown on the Plans whether included in the PSTF's or not.

2.16 Construction Photographs

Photographs or video of all existing conditions within the limits of construction shall be taken. The addresses of the properties affected by construction shall be clearly identified on each photograph or in the video. Pre-construction photographs or video shall be accepted by the City prior to the start of construction. Photographs or video shall include all pavement and landscaping features within the construction area. The Contractor shall submit as many photographs or as much video as necessary to clearly depict the condition of the existing pavement and landscaping features within the limits of construction. Special emphasis shall be placed on existing pavement, structures, flowerbeds, trees, or any other improvements in close proximity to the construction area. Upon completion of work at each affected property, the Contractor shall have post-construction photographs or video taken at the same locations and from the same perspective that the pre-construction photos or video were taken. All photographs or video shall be taken with a digital still camera or video recorder and provided to the City on a DVD.

Each DVD shall be formatted as follows: For digital photographs stored on a DVD, a folder shall be established for each street in the project. Each street folder shall contain folders titled for each address that a meter retrofit has been performed. Videos shall be stored on DVD's utilizing the following format: Each street within the project shall be stored as a chapter name. Video taken at each address on a particular street shall be stored in the chapter entitled for that street. When submitting pre or post construction photographs or video, the Contractor shall provide a table of contents identifying each DVD submitted and the chapter content therein.

2.17 Payment

No separate payment will be made to the Contractor for complying with the requirements of this section. The cost of such work shall be included in whatever bid item the Contractor deems appropriate.

END OF SECTION

SECTION 3. WATER CONSTRUCTION REQUIREMENTS

3.01 AWWA Standards - Water Mains

These Special Provisions contain reference to certain standards of the American Water Works Association (AWWA). Copies of these standards are available for reference at the City of Sacramento, Department of Utilities, Engineering Services Division located at 1395 35th Ave in Sacramento.

IN SUBMITTING A BID, THE CONTRACTOR CERTIFIES THAT THE CONTRACTOR IS FAMILIAR WITH FIELD HANDLING, INSTALLATION, INSPECTION, DISINFECTION, PRESSURE TESTING AND ALL OTHER REQUIREMENTS CONTAINED IN THE AWWA STANDARDS.

3.02 Opening Direction of Valves and Fire Hydrants

The opening direction of valves and fire hydrants shall be in accordance with Section 27-7 of the City Standard Specifications.

3.03 Trench Excavation and Backfill

Trench excavation and backfill shall conform to the construction Plans and the provisions of Section 27-3 and 27-8 of the City Standard Specifications.

3.04 Pavement Cutting and Surface Restoration

Surface cutting and restoration shall conform to the following:

Type of material to cut and restore	City Standard Specification
Asphaltic pavement restoration material	Section 22 & 27
Curb, gutter and sidewalk cutting and restoration	Section 24 & 27
Concrete pavement (Alleys and V-gutters) cutting and restoration	Section 19 & 27

All materials shall conform to Section 10 of the City Standard Specifications.

Existing pavement to be removed shall be ground or saw cut full depth to provide a neat straight pavement break along both sides of the pipe trench. A "T" trench as shown on Plans is required. The minimum pavement section within public street right-of-way shall be four (4") inches of asphalt concrete over twelve (12") inches of Class 2 aggregate base.

The Contractor, at the Contractor's option, may perform the pavement saw cutting operation after the pipe installation operation, just prior to pavement repair. No pavement cutting shall precede trenching by more than five calendar days except

when saw cutting is used. Where the initial pavement cut is not performed by saw cutting and takes place more than one calendar day before trench excavation, the Contractor shall fill the pavement cuts with asphalt concrete patching mix and maintain a smooth riding surface until trenching begins.

Upon completion of trench backfill, existing pavement as well as any curbs, gutters, sidewalks, driveways, or other improvements that have been cut or damaged as a result of the construction activities shall be replaced. The replacement of pavement, curb, gutter or other improvements shall match that of the preconstruction condition as close as practical unless otherwise indicated on the Plans or in these Special Provisions. Segments of saw cut pavement which were damaged during construction shall be re-saw cut to a neat straight line.

The Contractor shall repair disturbed lawn areas by carefully and evenly cutting the lawn to preserve the sod until the trench excavated for the City Service or Residential/Commercial Water Service is backfilled and compacted. Any existing lawn removed during excavation shall be replaced with sod to match preconstruction conditions. The removed sod may be replaced over the backfilled trench provided the sod is in an acceptable condition for re-use as determined by the Engineer. Sod unsuitable for re-use shall be replaced with new sod to match preconstruction conditions. If it is determined by the Engineer that the sod was damaged or dies due to the work by the Contractor and the project is still in construction or in warranty, then the Contractor may be held responsible for restoring the sod to its pre-construction or better condition

All fences or shrubbery in the way of construction shall be removed and replaced. The Contractor may re-use the existing fence material provided the Engineer approves the material, prior to installation. If the Engineer does not approve the re-use of the material, the Contractor shall replace with new material. Any private property or any existing improvements damaged by the construction operations shall be replaced with new materials at no additional cost.

Masonry work damaged as a result of the construction shall be repaired by an experienced brick mason to match preconstruction condition and blend in with existing improvements. Existing bricks shall be salvaged and reused to preserve the integrity of the improvement.

Driveways consisting of exposed aggregate concrete or flat concrete shall be replaced by an experienced concrete finisher to match preconstruction condition and surface finish.

3.05 Pressure Testing and Disinfection of Water Mains

Pressure testing and disinfection of water mains, related valves and fittings, as well as flushing of the water main, shall conform to Sections 27-12 and 27-13 of the City Standard Specifications. All pressure testing and disinfection shall be made in the presence of the Engineer.

The Contractor shall coordinate with the City so that water used to test and disinfect the new mains is captured and recycled. The Contractor shall coordinate efforts with the City when the Contractor flushes the mains. The Contractor shall notify the Engineer three days prior to flushing water used in the testing and/or disinfection process. The captured water shall be dechlorinated by the Contractor prior to the City capturing and recycling the water. Contractor shall dechlorinate the water by use of an apparatus that injects or mixes EPA approved chemicals with the water to neutralize the chlorine before it is released into a water truck or storm sewer systems. If the dechlorinated water is released to a storm or sewer system, it shall be hard piped to a storm or sewer manhole rather than released to the ground. The City will have up to four water trucks onsite. At no time during the flushing process will the Contractor be delayed by the lack of available City trucks. If the City isn't able to provide adequate trucking to capture the water, the Contractor shall adhere to the flushing requirements within the City Standard specifications and these Special Provisions to dispose of the water.

3.06 Distribution System Shutdowns for Water Main Installation & Connections

After successful completion of hydrostatic pressure testing and disinfection and the approval of the City, the Contractor shall connect the new water mains to the existing water system at the locations indicated on the Plans. Connections to existing water mains shall be made in accordance with Section 27-14 of the City Standard Specifications.

To coordinate and schedule a water main shutdown, Contractor shall provide the Engineer with a project schedule that includes date and location for all project shutdowns as described in the Construction Activity Time Schedule. The contractor must provide the inspector updates of this schedule including the shutdown activities before 3:00 PM on the Monday a minimum of 11 days before the shutdown is performed. If these coordination requirements are not performed, the City cannot provide the shutdown.

The Contractor shall expose the existing water main at tie-in locations a minimum of 24 hours prior to a tie-in and have all materials and equipment necessary for the connection work at the job site prior to beginning the shutdown.

The City will not conduct a shutdown until the Contractor is capable of completing the tie-in work within a 4 hour period.

Without exception, all opening and closing of the valves on existing water mains will be performed by City crews only.

Where indicated in the Plans, the Contractor shall cut existing pipe, remove existing plugs or bulkheads, clean pipe ends, prepare connections and make the new connection to existing water mains. The Contractor shall temporarily cap existing mains as necessary and as approved by the Engineer to maintain service to City customers.

The Contractor shall furnish and install fittings, restraints and pipe necessary to connect mains. When cutting into an existing main, up to 15 feet of new pipe may be required for each tie-in. The Contractor shall use 45 degree (maximum) elbows to match existing pipe elevations and horizontal locations, which shall be installed in accordance with Standard Drawing W-103 of the City Standard Specifications.

Water released from cutting or opening existing mains shall be removed and disposed of by the Contractor. The excavation shall be kept dry until all necessary work within the work area has been performed.

3.07 Water Shutdowns for Residential and Commercial Water Service Tie-Ins

All residential and commercial water service shutdowns shall be approved by the Engineer. Water service shutdowns for water service connections will be approved once complete preparation, satisfactory to the Engineer, is made to minimize the length of time for any water service shutdown.

Maximum time of interruption of water service to any residence or business shall be four (4) hours.

3.08 Plugged Fixtures

The Contractor shall be responsible for removing all sediment that builds up at faucets, sprinklers, and clogs interior house plumbing as a result of installing and connecting Water Services.

The Contractor shall open all exterior faucets and shall attempt to have the property owner or occupant open all interior faucets in order to help prevent fixtures from plugging.

When a customer contacts the City or Contractor regarding a plugged fixture or other issues resulting from Contractor's work, the Contractor shall respond to the call within an hour if the Contractor is contacted during normal work hours. If the Contractor is contacted outside normal work hours, the Contractor shall respond within two hours. Failure to meet these requirements shall result in the City hiring a plumber to respond to the plugged fixture or other issue, and all costs incurred by the City shall be back charged to the Contractor and deducted from the subsequent progress payment.

3.09 Construction of Residential and Commercial Water Services

All Residential and Commercial Water Services shall be installed in accordance with the Water Service Table included in the Appendix, and the Parcel Service Transfer Figures (PSTF's) prepared during phase for all parcels in the project area, following confirmation by the Contractor of the existing conditions at each parcel. The PSTF's show the general layout of the proposed Residential Services and points of connection. **It is the Contractor's responsibility to confirm the information provided in these documents, including the connection point and**

Residential/Commercial Service routing, and locate the existing water service laterals and curb or corporation stops for abandonment purposes.

Proposed service hookup locations may require adjustment due to residential and commercial plumbing and irrigation systems. The Contractor shall work with the Engineer in finding a suitable hookup location

Where discrepancies between the Water Service Table, PSTF's, and the existing conditions are identified, submit the discrepancy to the City for determination of revised requirements, if any.

Residential or Commercial water services, service replacements, or meter retrofits shall be installed under one of the following conditions (as indicated in the Water Service Table):

- A. Hybrid Service: consisting of a one inch (1") diameter City Service and one and one half inch (1-1/2") diameter Residential or Commercial Service.
- B. 1-1/2-inch Water Service: consisting of a one and one half inch (1-1/2") diameter City Service and a one and one half inch (1-1/2") diameter Residential or Commercial Service.
- C. 2-Inch Water Service: consisting of a two inch (2") City Service and two inch (2") Residential or Commercial Service.
- D. 1-Inch or 1-1/2-inch Front Yard Water Service: consisting of a one inch (1") or one and one half inch (1-1/2") City Service and one and one half inch (1-1/2") Residential or Commercial Service to the existing service.
- E. 1-inch or 1-1/2-inch City Water Service (no meter): consisting of a one inch (1") or one and one half inch (1-1/2") City Service to the existing meter.
- F. 1-inch or 1-1/2-inch Meter Retrofit: consisting of installing a one inch (1") or one and one half inch (1-1/2") meter on an existing service.

Provide pipe materials as follows:

City Service: Type K copper pipe or HDPE.

Residential/Commercial Service: See Plans.

Where a front or side yard hose bib is indicated in the Water Service Table and, following installation, adequate volume is not sufficient to all points on the property install an additional one and one half inch (1-1/2") diameter Schedule 40 PVC pipe from the new Residential or Commercial Service to the back of the property and connect to the existing residential or commercial service. Alignment and connection point shall be at the approval of the Engineer. Materials and placement shall meet the applicable requirements of the City Standard Specifications and these Special Provisions and the applicable details as shown on the Plans.

Installation and connection of Residential and Commercial Water Services shall be performed in accordance with the applicable sections of the latest revised Uniform Plumbing Code (hereinafter called UPC). No connections shall be made until

installation and testing of the distribution system and City Water Services are complete. All underground work shall be inspected prior to backfilling.

The Water Service Table identifies the size of the existing residential water services. The information shown on the Water Service Table is based on historical information, and may not be complete or accurate for all parcels. The City makes no guarantee as to the accuracy of this record.

The PSTF's were prepared based on the following guidelines:

- Connection to the front or side yard hose bib when there is a ¾-inch water pipe located in the front or the side of a property. Connection to the back yard service entrance hose bib when there is not a ¾-inch water pipe located either in the front or the side of a property but hose bib in the back of the property is ¾ inch or larger..
- If there is more than one ¾-inch pipe in the back, the Contractor shall utilize the connection closest to the building and least distance to the meter box, taking a path around, not under, the house.
- For parcels with an existing one and one quarter inch (1-1/4") or larger service connection to the back of the property the new Residential or Commercial Service shall be connected to the back existing service.

Residential and Commercial Water Services shall be located entirely within the properties they serve except where shown otherwise within an easement.

Residential and Commercial Water Services shall be placed using directional bore, unless otherwise approved by Engineer. Pipe alignment shall not pass under any dwelling or structure. In the event that work occurs beyond the City right-of-way, directional bore shall be utilized unless otherwise approved by the Engineer.

Typical Residential and Commercial Water Service layouts and connection details can be found on the Plans. Not all Residential and Commercial Water Service layouts or connections will match the typical details. No separate payment will be made to the Contractor for layouts or connections installed that may vary from the typical details. The Contractor is encouraged to visit the project site and review the Parcel Service Transfer Figures to and acquaint themselves with site conditions that may be encountered in completing the Work.

All work relating to placing and connecting residential and commercial water services and abandoning existing water services at each residence or commercial property shall be completed such that no residence or property is without water for a period longer than four (4) hours.

All USA markings identifying existing utilities, including water services, shall be verified by the Contractor. All costs associated with this work including all re-work if the USA markings are found to be incorrect shall be included in this item.

Information regarding existing service location shall be supplied to the City ten (10) working days prior to placing the saddle and/or constructing the service.

3.10 Connection to New or Existing Services

Meter size shall match the new City-service diameter as indicated in the Water Service Schedule unless directed by the Engineer.

The Contractor shall reconnect the existing water service on the property owner's side of the meter box and the valve at the meter setter shall be left in an open position, so that the water service is operable when this item is complete. If the water service is in such poor condition that the contractor cannot reconnect to the service, the Contractor shall replace a portion of the service until a suitable connection point can be found.

When the existing main servicing the home is in the street Right-of-Way and the existing water service is located at the back of the sidewalk or curb, the Contractor shall place the new meter box adjacent to the existing water service curb stop so that the new service can easily be transferred to the existing service.

Connection to Existing Service at the Structure

Connect the new Residential/Commercial Water Service to the existing water service as indicated on the Plans and in the Water Service Table and PSTF's.

After confirming the existing water service size and location for each parcel, the Contractor may adjust the proposed water service connection location indicated in the Water Service Table following approval from the Engineer.

The Contractor shall connect to existing residential services using the suitable adapters, bushings, flexible couplings, reducers or other necessary fittings, and as shown on the Plans for a complete and operable system.

When contractor is connecting to existing service at the hose bib, the Contractor shall furnish and install pipe, shut off valves, union, and fittings where none previously existed, or existing material is galvanized, or existing is not in a working condition, as determined by the Engineer.

3.11 Substandard Water Services

An existing 2-inch and smaller water service shall be considered substandard if not made of copper tubing. The service piping placed shall match existing size unless smaller than 1-inch diameter, in which case a 1-inch diameter service shall be placed. The new pipe shall be placed from the existing curb stop to the existing corporation stop or gate valve. If the existing curb stop and box is located behind the sidewalk, the Contractor shall replace the service pipe back to the existing curb stop. If the curb stop is located under a concrete surface, the Contractor may tunnel no more than three feet under the concrete to connect to the existing curb stop. If

tunneling is used, the Contractor shall use a CDF material to backfill the area. The service must be embedded in six inches of sand prior to placing CDF. If existing corporation stop or gate valve cannot be reused through no fault of the Contractor, the work associated with installing a new corporation stop or gate valve will be considered extra work and paid per Section 8 of the Standard Specifications.

If the Contractor finds a substandard service, the Contractor shall notify the Engineer and shall cover the excavation with temporary plates until the Engineer has made an inspection.

The Contractor shall reconnect the existing water service on the property owner's side of the meter box so the residential water system is operable when this item is complete.

Maximum time for shutdown of any water service to any residence or business shall be four (4) hours.

The removed material shall become the property of the Contractor and he will dispose of at their discretion.

3.12 Meter Retrofits

All meter retrofits shall be installed in accordance with the installation methods outlined in American Water Works Association Standards M6 - Manual of Water Supply Practices (AWWA), the UPC, and Technical Drawings located in the Appendix of these Special Provisions.

1-inch meters and meter setters shall be installed on 3/4-inch, 1-inch, and 1-1/4-inch water services. Engineer will determine size of meter to be installed for 1-1/2 inch and 2-inch residential services encountered in the field. Meter setters are not required for 1-1/2-inch and 2-meters. The Contractor shall furnish and install any additional pipe necessary to complete the meter retrofit installation and shall adjust pipe diameter, pipe material, and horizontal or vertical alignments.

If a backflow prevention assembly is found at any of the listed retrofit addresses in the field, the Contractor shall contact the Engineer for direction on replacement, removal, or other required action.

The quantity of meter retrofits shown on the bid proposal is for bidding purposes only. The unit price indicated for meter retrofits will not be adjusted because the actual number of meter retrofits varies from the quantity shown on the bid proposal.

Water main shut downs to turn off the service during the meter retrofit of a water service will not be allowed. The Contractor shall be responsible for shutting off the service during the meter retrofit of the water service by crimping the service or utilizing other AWWA approved method.

The Contractor shall reconnect the existing water service on the property owner's side of the meter box so that the residential water service is operable when this item is complete. If the residential water service is in such poor condition that the

contractor cannot reconnect to the service, the Contractor shall replace a portion of the service until a suitable connection point can be found.

3.13 Water Meters

The definition of “meters” outside of section shall mean the meter, register, and all other components assembled as one unit as specified in this section.

METERS AND REGISTERS

All meters and registers shall be compatible with ASCII communication protocol. All meters shall be guaranteed free from manufacturing defects in materials and workmanship and must be adaptable to field programmable registers without interruption of the customer’s service.

Testing of meters for compatibility for ASCII communication protocol will be completed by the Engineer, and costs borne by the City. Meters that fail to meet the compatibility requirement shall be retested. Cost for all retests of meters will be borne by the Contractor and deducted from payment due Contractor for work performed under the terms of the contract. Any meter that is defective or not fully compatible with the ASCII communication protocol for any reason, shall be replaced with a compliant meter within 10 days or pay \$200, per meter, in liquidated damages to compensate the City for staff time and delay.

Unless otherwise noted in these contract documents, all meters supplied for the project shall be positive displacement type meters. Two inch and smaller positive displacement meters shall have absolute encoder type registers.

All irrigation services that are 1 ½” and greater shall be turbine meters and shall have an absolute encoder type register.

Absolute Encoder Type Registers for Positive Displacement, Compound and Turbine Meters

General Description

Registers furnished under these specifications shall be the product of a manufacturer with at least ten years of experience in the manufacture of absolute encoder-based registers. The registers shall have the capability of providing encoded meter information as described in the following specification. Specifications for the required cold-water meters can be found below in separate specifications. Registers provide low voltage conversions are acceptable; however, registers utilizing generator pulses are not acceptable under this standard.

Construction

Registers shall be of the absolute encoder type and permanently, hermetically sealed in a copper or stainless steel can to provide protection from moisture, high strength, and resistance to handling damage. Similar size, type and registration of registers shall be interchangeable.

All registers 1 ½" and above must be removable without disassembly of the water meter or the service line. Registers must be free of opening to protect the internal electronics of the register.

Registers shall be equipped with low flow indicators. Registers shall read in cubic feet. The register is independent of the meter. Therefore, register's Manufacture Date and Identification Number shall be printed on the face of the register. The manufacturer of the meter and register shall provide meter serial numbers with barcodes on the meter, register lid and shipping box. In addition, the contractor will supply for each shipment an electronic spreadsheet providing meter serial numbers for the City to expedite tracking and inventory purposes.

Register lenses constructed of minimum 1/4" tempered are preferred but not required; glass domed (non-tempered) register lenses are acceptable for durability in pit installations. All other register assembly and material requirements stated herein shall also apply. Registers shall be equipped with a hinged lid to completely protect the register lens.

The absolute Encoder Register output shall be a factory-potted NICOR Hydroconn AMR Series III in-line male connector with female metal contacts and Hydroconn AMR Series II End Cap (No Substitute). The register cable shall be Nicor's three (3) conductor cable and measure 36" long from surface of the register to the end of the connector for 5/8" through 2" meters.

Operation

Upon inquiry from a remote location, the absolute encoder register shall disclose the exact position of the six most prominent number rollers. All power necessary for data transmission shall be supplied from the interrogation device. All registers shall be fully compatible with ASCII communication protocol. All registers shall employ a device to offer a reliable transfer of the roller bank assembly to ensure accuracy and to prevent ambiguous readings. For reliability and durability, the position of each roller shall NOT be determined by using any type of mechanical contacts which can wear out over time. Optical character recognition (OCR) is the preferred technology, but is not required, for determining roller position, as this method reads the actual position of the index odometer wheels when interrogated by a ASCII communication protocol.

Data transmission shall be instantaneous and supplied in an ASCII format without conversion or modification. Registers must operate reliably down to at least 4.5 volts.

Pin out connection: When meter side connector is viewed end-on with the molded arrow at the 12 o'clock position, the contacts occupy the 2, 6 and 10 o'clock positions.

<u>O'clock Position</u>	<u>Function</u>
2	Power/Clock
6	Ground/common/return
10	Encoder Data

Warranties

All encoded registers shall be free from defects in materials and workmanship for ten (10) years from the date of purchase.

Positive Displacement Type Meters 1" - 2"

General Description

Meters furnished under these specifications shall be the product of a manufacturer with at least ten years of experience in meter manufacturing for the American Market. Meters shall be new, first line quality, positive displacement type cold water service. Meters must be of the oscillating piston or nutating disc type. Multi-jet and Single-jet meters are not acceptable under this specification. Meters shall comply with AWWA Standard C700 latest revision and the minimum specification herein. Any low lead bronze shall not have less than 85% copper content. In addition, meter manufacturers will meet all guidelines established by California Bill AB1953 and ANSI/NFS Standard 61 Annex F and Annex G requirements. They shall be designed for use with potable water below 80 degrees F.

Type

Cold water service meter for measuring potable water in residential services, positive displacement meters only, sealed register.

Cases: 1"

All meters 5/8" through 1" shall have an NSF approved, low lead bronze outer main case body with a separate, removable measuring element. The low lead bronze case shall not have less than 85% copper content. The meter case casting shall have raised characters denoting the meter size and the direction of water flow. The casting shall be permanently marked with the serial number of the meter in a manner so that the number is easily read from above. All bottom plates shall be isolated from the potable water by a full rubber liner. Meters shall be provided with bronze bottom plate and held in place with stainless steel bolts with integral washer heads. Cases must be capable of withstanding working pressures of one hundred fifty (150) psi. Thread protectors shall be supplied for the connection ends.

Length

Meters must conform to AWWA C700 standard as most recently revised.

Main cases: 1 ½” through 2”

All meters 1 ½” through 2” shall have a body main case made of high quality copper alloy, with a separate, removable measuring element. The meter casting shall have raised characters denoting the size meter and the direction of water flow. The casting shall be permanently marked with the serial number of the meter in a manner so that the number is easily read from above. Meters shall be of the split case design.

Laying Length

Meters must conform to AWWA C700 standard as most recently revised. The laying length of PD meter and/or strainer assembly shall be as follows:

Meter Size	Meter
1 ½”	13” Max
2”	17” Max

Register Housings

Register housing shall be constructed of an engineered polymer and provide full protection of the register assembly. Registers shall comply with AWWA C700 section 4.1.3 performance requirements in the latest revision. Register assemblies shall be secured to the main case in a tamper resistant fashion to prohibit unauthorized removal. Seal screws, tamper-resistant plugs, tamperproof screws, or locked devices are acceptable.

Measuring Chambers

The measuring chamber shall be of the two-piece oscillating piston or nutating disc design. No inferential-type meters will be allowed. Chambers shall be manufactured from an engineered polymer. Chambers shall be separate from the outer casing and so secured in the main case that the accuracy of the meter will not be affected by any distortion of the case. All wear prone surfaces shall be reinforced with a nylon material. All measuring chamber assemblies shall operate smoothly and be capable of sustaining long-term accuracy.

All motion from the piston shall be transferred to the register via magnetic drive. Piston oscillations or disc nutations must not exceed the figure recommended in Table one (1) of AWWA Standards C-700 latest version for the size of the meter being bid.

Registration Accuracy

All meters shall meet or exceed the following flow requirements:

Size	Low Flow	Normal Flow GMP	Continuous
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	GMP @ 95%	98.5% - 101.5%	Flow GPM
1"	3/4	3-50	25
1 1/2"	1 1/2	5-100	50
2"	2	8-160	80

Magnetic Coupling

The piston oscillations will be transferred to the sealed register through the use of a magnetic coupling. Meters with stuffing boxes, spindles and packing glands will not be acceptable.

Headloss

Meters shall conform to AWWA C-700 specifications as currently revised.

Pressure Capability

Meters shall operate up to a working pressure of 150 psi without damage or leakage. Accuracy shall not be affected by pressure variation up to 150 psi.

Strainers

All meters shall be provided with a strainer screen installed in the meter. Strainer screens shall be rigid, fit securely, be easy to remove and have an effective straining area at least two times that of the main case inlet.

Warranties

Meters shall be warranted by the manufacturer to meet AWWA **new meter accuracy** standards according to the following time periods and registered usage amounts, whichever occurs first:

Size Meter	Years Guaranteed	Registered Usage
1" C700	5 years from date of shipment	1,100,000 US Gallons
1 1/2" C700	5 years from date of shipment	1,600,000 US Gallons
2" C700	5 years from date of shipment	2,100,000 US Gallons

Turbine Type Meters 1 1/2" through 4"

General Description

Meters furnished under these specifications shall be the product of a manufacturer with at least ten years of experience in meter manufacturing for the American Market. Meters shall be new, first line quality, turbine type for cold-water service. Meter sizes shall be inclusive and shall comply with the Class II AWWA Standard C701 latest revision and the minimum specification herein. Any low lead bronze shall not have less than 85% copper content. In addition, meter manufacturers will meet all guidelines established by California Bill AB1953 and ANSI/NFS Standard 61 Annex F and Annex G requirements. They shall be designed for use with potable water below 80 degrees F.

Registration Accuracy

All Turbine Type Meters shall meet or exceed the AWWA latest standard, as follows:

Size	Low Flow GMP @ 95%	Normal Flow GMP 98.5% - 101.5%	Minimum Intermittent Flow GPM
1 1/2"	3	4-160	200
2"	3	4-200	250
3"	4	8-450	550
4"	7	15-1000	1200

Main Cases

The body main case shall be of bronze composition of a high tensile strength or epoxy coated ductile iron on 1 1/2" – 4" sizes and be capable of resisting distortion under pressure up to one hundred and fifty (150) psi. All meters shall have the size and direction of flow indicated on the case and shall be designed for easy removal of all interior parts without disturbing the connections to the pipeline.

Register Housings

The register housing shall be constructed of an engineered polymer and provide full protection of the register assembly. Register assemblies shall be secured to the main case in a tamper resistant fashion to prohibit unauthorized removal. Seal screws, tamperproof screws, or other locking devices are also acceptable.

Measuring Chambers

The measuring elements or chamber for all meters shall be of engineered polymer and shall be separate from the case and easily detached and removed there from.

Rotor spindles shall be of tungsten carbide, stainless steel or titanium alloy supported by radial bearings made of PTFE graphite compounds, synthetic sapphire, or sapphire/ceramic jewel.

Laying Length

The laying length of Turbine meters and/or strainer assembly shall be as follows:

Meter Size	Meter/Meter & Strainer	Strainer	* Test Plug
1 1/2"	13"	7" Max	1" NPT
2"	17"	7" Max	1 1/2" NPT
3"	12"	7" Max	2" NPT
4"	14"	9" Max	2" NPT

*Spool pieces with a test port are acceptable

Rotors

The measuring impellers, vanes or rotors for all meters shall be polypropylene, nylon, hard rubber or engineered polymers and shall be mounted on a horizontal axis in the center of the measuring element with rotations of the turbine transmitted to the register by means of magnets. Straightening vanes of corrosion resistant material as required shall precede the rotor.

Strainers

Integrally-cast stainless steel plate type strainers are required on sizes 1 ½" through 4" turbine meters. Strainers shall be rigid, easily removable, and have an effective straining area at least double that of the meter main case inlet. External strainer connections shall conform to the main case and shall be accompanied by gaskets, bolts and nuts.

Warranties

At a minimum, all meters shall carry the following published warranties; Meters shall be guaranteed to be free from defects in materials and workmanship for a period of 24 months after installation and to meet AWWA C-701 Accuracy Standards for two years from date of shipment.

3.14 Contractor Receipt of City Supplied Material

The City will supply all lid locks to be installed on the meter box lids, and all meters three inches and larger. The Contractor shall pick up all materials at the City's Corporation Yard Located at 5730 24th Street. The Contractor shall be responsible for scheduling pick-up, receiving and transporting these items from the City of Sacramento Corporation Yard. All materials, once received, shall become the responsibility of the Contractor. Replacement of lost or damaged material shall be at the Contractor's expense.

The Contractor shall submit a request for parts to the Engineer. The Contractor shall coordinate with the Engineer on an appropriate time schedule and quantity of materials. The Parts Warehouse will have the parts available for pickup within five business days of receiving the request from the Engineer. The contractor shall schedule operations so that the number of occasions where these materials are picked up is kept to a maximum of six (6) for the entire project. For exceptions, the Contractor shall coordinate with the Engineer.

Upon completion of the project, any unused city supplied materials shall be returned to the City's Corporation Yard located at 5730 24th Street. All equipment shall be like new condition to the satisfaction of the Engineer. The cost of damaged or unreturned material will be charged against the Contractor's retention at closeout. The Contractor shall coordinate with the Engineer on an appropriate time schedule for returning unused parts.

3.15 Placement of Meter Boxes

Properties with a mow strip shall have the meter box placed in the mow strip. Properties with existing sidewalks shall have the meter box placed in the sidewalk. Those without an existing sidewalk shall have the meter box placed in the non-traffic area behind the curb.

Meter box and meter setter shall be installed to match vertical slope of surrounding conditions to a maximum vertical angle of 45 degrees. Should field conditions exceed this maximum angle the Contractor shall place the meter box and meter setter in an Engineer approved manner.

Excavation for meter boxes shall be a minimum of eight inches (8") around all sides of the box to allow for proper compaction of the backfill and surface restoration around the box unless otherwise determined in the field by the Engineer.

When removing sidewalk for the purpose of placing a meter box, a single flag of concrete (approximately 20.25 sq ft typ) shall be removed and replaced. The control joints shall be sawcut prior to removing the concrete. The Contractor shall attempt to place the meter box such that only one flag of concrete need be removed. Should the Contractor determine that the meter box location should fall on a joint between two flags of concrete, for reasons acceptable to the Engineer; both flags shall be removed and replaced. Protect the existing curb and gutter in place. Any damage to the curb and gutter shall be replaced by the Contractor at no additional expense to the City.

Where the concrete sidewalk extends from the curb and gutter to the face of building, the concrete removal may be limited to the width of the meter box plus a minimum of 8 inches on either side, provided the distance from the sawcut is less than 24 inches to an existing control joint. Where a control joint is less than 24 inches from the sawcut, remove the sidewalk to the control joint.

Unless directed to by the Engineer, meter boxes shall not be placed within driveways. Surface restoration shall be as specified elsewhere in the Special Provisions.

3.16 Meter Boxes and Lids

Meter Boxes and lids shall be constructed of materials in accordance with the appropriate sections of ANSI/SCTE and shall be tested per the appropriate ASTM sections.

The meter box lids shall provide a slip resistant surface with a coefficient of friction greater than 0.5. Materials shall be resistant to chemicals, sunlight exposure, water absorption, and flammability.

All meter box lids shall sit flush with the rim of the meter box body and shall be seated no more than 1/16-inch into the body of the meter box. Lids shall be

compatible with the automated meter reading infrastructure specified in the Water Meter section of these specifications.

For 1-inch services the nominal meter box size shall be 13"W x 24"L x 12"D. For 1 ½-inch and 2-inch services the nominal size shall be 17"W x 30"L x 12"D.

For sidewalk and driveway meter boxes and lids, the lids shall have a 1 ¾" diameter hole with a 3" diameter, ½" deep recessed area centered over the 1 ¾" diameter hole to accommodate an automated meter reading endpoint and lid lock. Thickness of the lid shall not exceed 1" at recessed area to accommodate an automated meter reading endpoint.

For concrete meter boxes and lids, the lids shall have a 2" diameter hole with a 3" diameter, ½" deep recessed area centered over the 2" diameter hole. Thickness of the lid shall not exceed 1" at recessed area to accommodate an automated meter reading endpoint,

For H2O lids, the lids shall have a 1 ¾" diameter hole with a 3" diameter, ½" deep recessed area centered over the 1 ¾" diameter hole.

Contractor shall install City supplied lid locks on the meter box lids. No lids shall have a reading lid.

The meter boxes and lids shall be fabricated by the same manufacturer. The manufacturer shall submit documentation showing compliance with material strength and proof of design testing.

Sidewalk and Driveway Meter Boxes and Lids

Meter boxes and lids shall be constructed of a polymer concrete material with fiber reinforced plastic or a bulk moulding compound. All meter box and lids shall be identical in composition and have a matching "concrete gray" appearance. Meter boxes and lids shall meet all test provisions of the latest edition of the ANSI/SCTE 77 Tier 15 application or ASTM-C857: Load Category A-16.

The lids shall be marked "WATER", with a nominal lettering height of 1-inch and shall be indented into the surface of the lid to resist wear. To facilitate removal, the lid shall include two ½" x 2 ⅝" - 4" (2 ⅝" minimum length, and not to exceed 4" in length) pockets with integrated lifting bar to accommodate a standard manhole hook.

Landscape Meter Boxes and Lids

Meter boxes and lids shall be constructed of a concrete or a polymer concrete material with fiber reinforced plastic material.

Meter boxes constructed of a polymer concrete material with fiber reinforced plastic material shall meet all test provisions of the latest edition of the ANSI/SCTE 77 Tier 8 application.

Concrete meter boxes and lids shall have a compressive strength at yield of 3000 psi when tested per ASTM C-39: Load Category A-0.3.

Lids shall be “concrete gray” in appearance. To facilitate removal, the lid shall include two $\frac{1}{2}$ ” x $2\frac{5}{8}$ ”- 4” ($2\frac{5}{8}$ ” minimum length, and not to exceed 4” in length) pockets with integrated lifting bar to accommodate a standard manhole hook. No lids shall have a reading lid. The lids shall be marked “WATER”, with a nominal lettering height of 1-inch and shall be indented into the surface of the lid to resist wear.

Alley, Traffic or Unimproved Street Location Meter Boxes and Lids

Meter boxes shall be constructed of an H20 traffic rated (per AASHTO-H20 load test) concrete material and shall meet the Cal Trans No. 5T or 6T State Specification. Lids shall be H20 rated.

The lid shall be “locked” into the meter box body with a 300 series $\frac{3}{8}$ ”-16 stainless steel button head with pin in hex bolt with washer. The hex shall be $\frac{7}{32}$ ” hex with pin. Each Lid shall have the term "PROPERTY OF CITY OF SACRAMENTO" welded onto the top. The letters shall be 1” in height.

Meter Boxes for 3” and Larger Meters

For 3-inch through 6-inch services the nominal meter box size shall be 30”W x 48”L x 12”-18”D. For 8-inch services the nominal meter box size shall be 30”W x 60”L x 12”-18”D. Meter boxes for 3” and larger meters shall meet the applicable specifications above for the specific application of the meter box.

3.17 Contractor Source Documents for Monthly Billing

The City will provide the contractor with an electronic spreadsheet for tracking the installation of the meters. A sample of the spreadsheet is included in Appendix E. The following information will be already populated by the City:

- Physical address (street number and name)
- Assessor’s Parcel Number (APN)

The contractor shall record the following on the electronic spreadsheet:

- Meter number/serial number (via Barcode only, no manual input)
- Meter manufacturer
- Meter location
- Meter size
- New service size and material type
- Bid items completed
- Extra concrete quantity
- Additional comments depicting unusual situations
- Date Paid
- Add/Delete
- Total Concrete Replaced (SF)

The Contractor is expected to correct any misinformation on the electronic spreadsheet, e.g. addresses.

An example of the spreadsheet can be found in Appendix. The Contractor shall submit the spreadsheet electronically and provide a hard copy of the spreadsheet at the time each monthly billing is generated and no later than the 20th of each month. The Contractor shall also submit a weekly update on 11"x17" sized paper.

Note: Meter serial number and MIU serial number shall not be manually populated into the electronic spreadsheet. A barcode reader shall be used. Contractor shall provide barcode reader and any necessary software to input the meter serial numbers electronically.

3.18 De-watering

A determination of groundwater level has not been made for this project. The Contractor shall be responsible for the control, removal, and disposal of any groundwater in accordance with Section 27-3 of the City Standard Specifications.

3.19 Tree Preservation Requirements

Trees within the project area shall be protected by the following means:

1. The contractor shall hire an International Society of Arboriculture (ISA) certified arborist to do any required pruning for equipment clearance. The contractor shall contact the City Arborist (Dan Pskowski, 768-8604) for a root inspection(s) for trenching activities within the dripline(s) of the trees.
2. If during excavation for the project, tree roots greater than two inches in diameter are encountered, work shall stop immediately until the project arborist can perform an on-site inspection. All roots shall be cut clean and the tree affected may require supplemental irrigation/fertilization and pruning as a result of the root cutting. Depending upon the amount of roots encountered and the time of year, wet burlap may be required along the sides of the trench.
3. The contractor shall be held liable for any damage to existing trees, i.e. trunk wounds, broken limbs, pouring of any deleterious materials, or concrete washout under the dripline of the trees. Damages will be assessed using the A Guide to Plant Appraisal eighth edition, published by the International Society of Arboriculture. An appraisal report shall be submitted for review by the City Arborist.
4. Tree protection methods noted above shall be identified on all construction plans for the project.

3.20 Cultural Resources

Observation will be employed by the Contractor and the Engineer during this project to ensure that any cultural resources identified during the project are treated in accordance with the guidelines set forth in CEQA.

Construction activities will be monitored nearing depths of native soil.

Trenches will be monitored for any cultural indicators such as changes in soil color, composition, or texture; human bone; artifacts; and structural remains and features.

3.21 Removal of Existing Fire Hydrants

The Contractor shall abandon fire hydrant leads by plugging the end with two feet (2') of Class "C" or Class "D" Portland cement concrete meeting the applicable requirements of the Standard Specifications. The Contractor shall deliver hydrants to the Corporation Yard, 5730 24th Street, Bldg. 9. All pipe removed shall become the property of the Contractor and shall be disposed of away from the project site.

Work on this item shall not begin until all new water systems are connected and operable and old water mains are capped and/or abandoned as indicated on the Plans.

3.22 Abandoning Water Services

The Contractor shall turn off the corporation stop and cut and abandon service at the corporation stop and hose bib prior to making the new water service connection. If there are hose bibs off the service, the Contractor shall cut and cap the service on the far side of the hose bib so that the hose bibs remain operable. If the Contractor is unable to locate either the curb or corporation stops, the Contractor shall use an Engineer approved alternate construction method to abandon the existing water service.

The existing house shut off valve shall be removed and the above ground tee shall be plugged. The Contractor shall remove the riser.

3.23 Capping Existing Mains

The mains shall be exposed at the point of capping a minimum of one working day prior to capping for Engineer's final approval of cut location.

The method of capping the mains depends on the type of existing pipe. Asbestos-cement pipe shall include a transition flex coupling, 3 feet of PVC pipe, and an MJ cap with a thrust block. Cast iron pipe shall be capped by installing an MJ cap and a thrust block.

3.24 Existing Valves, Tees, Saddles, and Water Mains to Remove or Abandon

All abandoned taps from live mains shall be removed such that no protrusions remain. The method of abandoning the mains depends on the type of existing pipe. Asbestos-cement, steel, and cast iron pipe shall be plugged with two (2) feet of concrete. Steel pipe shall be abandoned by welding a 1/4-inch thick steel plate on to the cut ends. Use of a restrained MJ cap to abandon steel main, rather than welding, in the event that valve shutdown does not effect a positive shutdown will be subject

to Engineer approval. Removal of existing valves shall include removing all appurtenances associated with the valve including, but not limited to, risers, valve boxes and lids.

Cut pipes and all other items removed as indicated on the Plans shall become the property of the Contractor and shall be disposed of at the Contractor's expense.

3.25 Front Hose Bib Plumbing

Where indicated on the plans, provide internal plumbing upgrades at existing commercial properties on Broadway to include new piping from an existing ¾-inch or larger cold water pipe within the structure to the front of the structure to support the installation of a front hose bib for connection of the new water service. New piping shall be ¾-inch and be installed in conformance with the Uniform Plumbing Code and the City of Sacramento Building Department Standards.

The City has obtained approval from each parcel owner for the proposed plumbing improvements. The Contractor shall contact each parcel owner and building tenant (as applicable) where front hose bib plumbing is to occur and coordinate the work with the parcel owner and tenant including but not limited to identifying the proposed date the work is to occur and the estimated time the work will take to complete. Where requested by the parcel owner or tenant, the work shall be performed outside normal working hours which might include nights and weekends at no additional cost to the City. Where the installation of proposed facilities cannot be completed in one shift, the premises shall be left in a manner acceptable to the parcel owner and tenant.

The Contractor shall apply and pay for City of Sacramento Building Permit for the proposed work.

3.26 Traffic Signal Loop Detector Replacement

The Contractor's responsibilities with respect to protection of existing traffic loops and advance notice to City prior to trenching operations are specified in these Special Provisions. The Contractor shall coordinate with traffic signal maintenance personnel when working in the vicinity of any traffic signals.

Existing traffic signals and highway lighting shall be kept in operation for the benefit of the traveling public during progress of the work. The Contractor shall contact the City, 48 hours in advance of work which will cut or damage any existing detector loop or lead-in wire. The City will install appropriate timing in the traffic signal controller prior to approval for Contractor to cut the existing loops.

Contractor shall provide functional traffic signal equipment prior to opening any lane to traffic at the end of each work period. Temporary detection equipment must be approved by the City as applicable prior to use.

Detectors will be disconnected or connected by the Contractor. The Contractor shall notify the City 48 hours prior to any detector being disconnected or connected. Timing adjustments shall be made by City traffic personnel.

Traffic loop detectors shall conform to City Standard Specifications.

Traffic loop detectors are shown on the Drawings as depicted on the record drawings and in their general locations. Contractor shall verify the quantity and location of all traffic loop detectors prior to construction in the area and report any discrepancies to the Engineer. Wire locations are not shown. Contractor shall locate existing wire routes in the field.

If any part of a signal conduit is damaged during construction it shall be replaced at Contractor's expense. Wires shall be repulled through new conduits. Splices shall occur at splice boxes only.

The Contractor shall protect existing interconnect cables from damage. Any interconnect cable or facilities damaged by the Contractor's operations shall be replaced by the Contractor at his expense. Splicing of interconnect cable shall be done only within controller cabinets on terminal blocks furnished and installed by the controller cabinet supplier. All of the splices shall be done in accordance with the recommendations of the controller supplier and to the satisfaction of the Engineer.

Conductors and wiring shall conform to the City Standard Specifications and these Special Provisions. Conductors for each inductive detector loop shall be continuous and un-spliced.

The Contractor shall test all individual loops and all detector lead-in cables (DLC) prior to splicing. The Contractor shall test loop sensitivity with either an approved lightweight motorcycle or an Engineer-approved wind wand. Existing DLC may be used where it tests as serviceable.

3.27 Sewer Crossings

As part of the installation of the new water mains, the water mains will cross existing sewers in a number of places throughout the project area. These crossings shall conform to the requirements of the California Department of Public Health (CDPH) standards and as specified in the City of Sacramento Standard Specifications and these Special Provisions. Where the new water main crosses below the existing sewer, no joints are allowed within 10 feet clear either side of the crossing sewer and the new water main shall be constructed of Class 200 PVC or Ductile Iron Pipe. Unless otherwise indicated, where the new water main crosses over the existing sewer between 4 inches and 12 inches above the existing sewer, no joints are allowed within 8 feet clear either side of the existing sewer. The minimum vertical separation between the new water main crossing and existing sewer is 4 inches. See the plans for additional requirements.

Where indicated, provide steel water pipe for crossing over existing sewers. Eight inch steel water pipe shall comply with the requirements for Welded Steel Pipe in

Section 10-28 of the City Standard Specifications. End joints shall be flanged and include insulating flanges between steel water pipe and other pipe materials.

3.28 Payment

No separate payment will be made to the Contractor for complying with the requirements of this section. The cost of such work shall be included in whatever bid item the Contractor deems appropriate.

END OF SECTION

SECTION 4. ITEMS OF THE PROPOSAL

Item No. 1 Mobilization

This item shall consist of mobilization and includes but is not limited to: obtaining insurance and bonds; moving equipment onto the site; submittal and approval of initial project schedule; obtaining and paying for all permits; installing construction signs; and initial efforts necessary to begin the construction. Mobilization shall not exceed five percent (5%) of the total bid price.

In the event the Contractor writes in a Mobilization price greater than five percent (5%) of the total bid price on the Bid Schedule, the City will pay any excess over five percent (5%) with the final Progress Payment.

Contractor may request payment for Mobilization upon confirmation by the City that the mobilization activities have been completed.

Payment for mobilization will be at the contract lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, required processing, and equipment, and for performing all work necessary to complete this item in accordance with the City Standard Specifications, these Special Provisions, and as directed by the Engineer.

Item No. 2 Construction Photographs

This item shall consist of providing pre-construction and post-construction photographs or video of all work. Photographs or video shall meet the requirements of Section 11 of the City Standard Specifications, except as modified herein or as directed by the Engineer.

Contractor shall be paid half of the lump sum price for this bid item upon approval of the pre-construction photos, and the remaining amount upon acceptance and approval of the post-construction photographs.

Payment for construction photographs will be at the contract lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, required processing, and equipment, and for performing all work necessary to complete this item in accordance with the City Standard Specifications, these Special Provisions, and as directed by the Engineer.

Item No. 3 4-Inch Diameter Water Main

Item No. 4 6-Inch Diameter Water Main

Item No. 5 8-Inch Diameter Water Main

Item No. 6 12-Inch Diameter Water Main

This item shall consist of furnishing and installing water main pipe, fire hydrant leads, elbows and fittings at the locations, to the alignments and to the details shown on the Plans.

This item shall also include furnishing and installing elbows to change the horizontal and vertical alignment of the proposed water main to avoid conflicts with existing underground utilities or to maintain proper depth of bury through vertical curves.

The water main pipe material shall be ductile iron pipe or polyvinyl chloride (PVC), except as noted below and except for 12-inch main, which shall be ductile iron pipe (DIP), only. Materials and placement shall meet the applicable requirements of Sections 10, 27, and 38 of the City Standard Specifications and these Special Provisions.

Where water mains cross under existing sewers, either Ductile Iron or PVC Class 200 DR 14 (instead of Class 150 DR 18) shall be required for 6" and 8" pipe. Ductile Iron pipe placed as directed on the plans, and under existing sewers, shall be paid under item 6 or 7. PVC Class 200 DR 14 shall be paid under this item.

Surface restoration associated with this item shall be performed as specified elsewhere in these Special Provisions and paid for under this item. The Contractor shall restore surfaces in kind unless otherwise indicated on the Plans or in these Special Provisions. Pavement cutting and restoration shall conform to the provisions of the City Standard Specifications and these Special Provisions. Striping and speed bump replacement, concrete, landscaping, asphaltic concrete, or any other material replacement encountered, shall be included in this item.

Payment will be at the contract unit price bid per linear foot of water main furnished and installed and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

Item No. 7 8-Inch Diameter Ductile Iron Main

This item shall consist of furnishing and installing Ductile Iron water main pipe, elbows and fittings at the locations, to the alignments and to the details shown on the Plans.

This item shall also include furnishing and installing elbows to change the horizontal and vertical alignment of the proposed water main to avoid conflicts with existing underground utilities or to maintain proper depth of bury through vertical curves.

The water main pipe material shall be ductile iron pipe only. Materials and placement shall meet the applicable requirements of Sections 10, 27, and 38 of the City Standard Specifications and these Special Provisions.

Surface restoration associated with this item shall be performed as specified elsewhere in these Special Provisions and paid for under this item. The Contractor shall restore surfaces in kind unless otherwise indicated on the Plans or in these Special Provisions. Pavement cutting and restoration shall conform to the provisions of the City Standard Specifications and these Special Provisions. Striping and speed bump replacement, concrete, landscaping, asphaltic concrete, or any other material replacement encountered, shall be included in this item.

Payment will be at the contract unit price bid per linear foot of water main furnished and installed and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

Item No. 8 8-inch Diameter Steel Pipe

This item shall consist of furnishing and installing 8-inch steel water pipe at existing sewer crossings, including but not limited to: steel water pipe, coating, lining, flange joints, insulating joints, and flange fittings to connect to piping on either side of crossing at the locations indicated on the Plans and in conformance with the applicable requirements of Sections 10, 27, and 38 of the City Standard Specifications and these Special Provisions.

Surface restoration associated with this item shall be performed as specified elsewhere in these Special Provisions and paid for under this item.

Payment will be at the contract unit price bid for each 8-inch steel water pipe installation furnished and installed and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

Item No. 9 6-Inch Diameter Gate Valve

Item No. 10 8-Inch Diameter Gate Valve

Item No. 11 12-Inch Diameter Gate Valve

This item shall consist of furnishing and installing gate valves, including but not limited to: gate valve boxes, risers, concrete collars, and operating nut extension at the locations indicated on the Plans and in conformance with the applicable requirements of Sections 10, 27, and 38 of the City Standard Specifications, Standard Drawing W-303 and these Special Provisions. This item shall include furnishing and installing gate valves on the standard hydrant lead.

Surface restoration associated with this item shall be performed as specified elsewhere in these Special Provisions and paid for under this item.

Payment shall be at the contract unit price bid for each gate valve furnished and installed and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

Item No. 12 2-Inch Diameter Blow-off

This item shall consist of furnishing and installing a two inch (2") blow-off at the locations indicated on the Plans and shall be installed in accordance with Standard Drawing W-301 and Sections 10, 27, and 38 of the City Standard Specifications and as detailed in the Plans.

Surface restoration associated with this item shall be performed as specified elsewhere in these Special Provisions and paid for under this item.

Payment will be at the contract unit price for each 2-inch blow-off valve furnished and installed and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

Item No. 13 6-Inch Standard Fire Hydrant

Item No. 14 8-inch Standard Fire Hydrant

This item shall consist of furnishing and installing a standard 6-inch or 8-inch fire hydrant at the locations indicated on the Plans. The standard fire hydrant shall be installed in accordance with Standard Drawing W-201 and Sections 10, 27, and 38 of the City Standard Specifications.

Surface restoration associated with this item shall be performed as specified elsewhere in these Special Provisions and paid for under this item.

The fire hydrant lead and valve at the main will be paid for under separate items.

Payment shall be at the contract unit price bid for each standard fire hydrant furnished and installed and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

Item No. 15 Existing Fire Hydrant Removal

This item includes removing existing fire hydrants in their entirety, the existing fire hydrant gate valve, stand pipe, gate valve box and lid, and abandoning fire hydrant leads in place where indicated on the Plans.

Surface restoration associated with this item shall be performed as specified elsewhere in these Special Provisions and paid for under this item.

Payment will be at the contract unit price bid for each standard fire hydrant removed and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

Item No. 16 2-inch and Smaller Substandard Water Service

This item consists of the removal and replacement of substandard City Water Services encountered during construction. Substandard water services shall be removed and replaced in accordance with Sections 10, 27, and 38 of the Standard Specifications.

This item shall consist of furnishing and installing all necessary City Water Service piping and all other items to place and connect water services from the water main to the point of service at the property. Water service pipe for a 2-inch and smaller water service shall be in accordance with Section 10, 27 and 38 of the Standard Specifications. The installation of the meter and meter box will be paid for under a separate bid item.

The exact number and location of substandard City Water Services to replace shall be determined in the field. The quantity of substandard City Water Services to be replaced shown on the Proposal is for bidding purposes only. The unit price indicated for substandard City Water Services to be replaced will not be adjusted because the actual number of required substandard City Water Services varies from the quantity shown in the Proposal.

This item shall include the cost of saw cutting and repairing or replacing existing street, alley, curb, gutter or sidewalk, providing any new sod, shrubbery, fencing, and repair or replacement of other existing improvements on private property that may be damaged as a result of the installation of the water services.

Surface restoration associated with this item shall be performed as specified elsewhere in these Special Provisions and paid for under this item.

Payment will be at the unit price bid per each substandard City Water Service replaced and shall include full compensation for furnishing all labor, material, tools, equipment and incidentals and for doing all work involved in replacing substandard water services as specified in these Special Provisions and as directed by the Engineer.

Item No. 17 1-Inch Front Yard Water Service w/meter (main to point of service)

Item No. 18 1-1/2-Inch Front Yard Water Service w/meter (main to point of service)

This item shall consist of furnishing and installing Front Yard Water Services from the water main to the point of service at the property. This bid item is for parcels that have an existing water main in the front with an existing service to the front. Each Front Yard Water Service shall include furnishing and installing the saddle at the main, corporation stop, meter box, meter lid, meter setter, meter and connecting to the existing water service piping; installing City furnished Lid Locks; all necessary lateral piping, fittings and appurtenances, and all other items necessary to place and connect the Front Yard Water Service for a complete and operable system as indicated on the Plans. The Front Yard Water Service and their installation shall meet the applicable requirements of Sections 10, 27, and 38 of the City Standard Specifications and these Special Provisions.

The Contractor shall reconnect to the existing water service on the property owner's side of the meter box. If the property owner's water service is in such poor condition that the Contractor cannot reconnect to the service, the Contractor shall replace a portion of the service until a suitable connection point can be found. This bid item includes replacing up to 5 feet of the water service piping on the property owner's side of the

meter. Additional footage of water service piping necessary to reconnect to the existing service, at the approval of the Engineer, will be paid under a separate bid item.

Surface restoration associated with this item will be paid for under this bid item. Concrete flatwork exceeding 20.25 sq. ft. per each water service location, as directed by the Engineer, will be paid under a separate bid item. The removal and replacement of on-site concrete patios and walkways, driveways, and sidewalks in order to construct this item, will be paid for under a separate item.

The quantity of Front Yard Water Services shown on the plans are for bidding purposes only. The unit price indicated will not be adjusted because the actual number of water services placed may vary from the quantity show on the plans.

For services with existing meters, contractor shall transfer existing water meter to new meter box. Payment for transferring existing water meters is under a separate bid item.

Payment will be at the contract unit bid price for each water service and shall include full compensation for furnishing and installing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

Item No. 19 1-Inch City Water Service Replacement (main to meter box)

Item No. 20 1-1/2-Inch City Water Service Replacement (main to meter box)

Item No. 21 2-Inch City Water Service Replacement (main to meter box)

This item shall consist of replacing the City Water Services from the water main to the meter box. This bid item is for parcels that have an existing water service to the front of the parcel and an existing meter. City Water Service shall include furnishing and installing the saddle at the main, corporation stop, and connecting to the existing water service at the City side of the meter; lateral piping, fittings and appurtenances, and all other items necessary to place and connect the City Water Service for a complete and operable system as indicated on the Plans. The City Water Service and their installation shall meet the applicable requirements of Sections 10, 27, and 38 of the City Standard Specifications and these Special Provisions.

The quantity of City Water Service Replacements shown on the plans are for bidding purposes only. The unit price indicated will not be adjusted because the actual number of water services placed may vary from the quantity show on the plans.

Payment will be at the contract unit bid price for each City Water Service replaced and shall include full compensation for furnishing and installing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

Item No. 22 Hybrid Water Service w/meter box (main to front/side hose bib)

This item shall consist of furnishing and installing Hybrid water services from the water main to the property hose bib located at the front or side of the residence or commercial property.

Each hybrid water service includes but is not limited to: service saddle on the main, corporation stop, meter box, meter lid, meter setter, and meter; installing City furnished Lid Locks, all necessary lateral piping, preparing the hose bib for connection in accordance with the UPC; and all other items necessary to place and connect water services for a complete and operable system as shown on the Plans. The Hybrid water services and their installation shall meet the applicable requirements of Sections 10, 27, and 38 of the City Standard Specifications and these Special Provisions.

Hybrid water services installed on corner properties where the Contractor elects to connect to the back of the house to minimize the length of the water service shall be paid for under this bid item.

The quantity of Hybrid water services to install and connect from the main to the front or side yard hose bib as shown on the Bid Sheet is for bidding purposes only. The unit price indicated will not be adjusted because the actual number varies from the quantity shown on the Bid Sheet.

This item shall include up to eighty feet (80') of water service piping from the main to the front or side yard hose bib (City Water Service plus Residential or Commercial Water Service).

Surface restoration associated with this bid item will be paid for under this bid item. Concrete flatwork exceeding 20.25 sq. ft. per each Hybrid water service location, as directed by the Engineer, will be paid under a separate bid item. The removal and replacement of on-parcel concrete patios and walkways, driveways, and sidewalks in order to construct this item, will be paid for under a separate bid item.

Payment will be at the contract unit price bid for each water service installed and connected from the main to hose bib and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

Item No. 23 Hybrid Water Service w/meter box (main to rear of property)

This item shall consist of furnishing and installing Hybrid water services from the water main to the existing property water service at either the hose bib or existing service pipe located at the rear of the residence or commercial property. Each Hybrid water service includes but is not limited to: service saddle on the main, corporation stop, meter box, meter lid, meter setter, and meter; installing City furnished Lid Locks, all required water service piping, preparing the hose bib or existing backyard service for connection in accordance with the UPC; and all other items necessary to place and connect water services for a complete and operable system as shown on the Plans. The Hybrid water services and their installation shall meet the applicable requirements of Sections 10, 27, and 38 of the City Standard Specifications and these Special Provisions.

Hybrid water services installed on corner properties where the Contractor elects to connect to the back of the residence or commercial property to minimize the length of the water service shall be paid for under the "main to front/side hose bib" bid item.

The quantity of Hybrid water services to install and connect from the main to the rear of the residence or commercial property as shown on the Bid Sheet is for bidding purposes only. The unit price indicated will not be adjusted because the actual number varies from the quantity shown on the Bid Sheet.

This item shall include up to one hundred fifty feet (150') of water service piping from the main to the rear of the residence (City Water Service plus Residential Water Service) and two hundred feet (200') of water service piping from the main to the rear of the commercial property (City Water Service plus Commercial Water Service). Additional footage will be paid under a separate item.

Surface restoration associated with this bid item will be paid for under this bid item. Pavement cutting shall be perpendicular and parallel to the centerline of the road. The Contractor shall saw cut, repair or replace existing curb, gutter, sidewalk, driveway, alley or street surface, provide new sod, shrubbery, fencing, and repair or replacement of existing improvements on private property that may be damaged as a result of the installation of the water service retrofit. Concrete flatwork exceeding 20.25 sq. ft. per each Hybrid water service location, as directed by the Engineer, will be paid under a separate bid item. The removal and replacement of on-site concrete patios and walkways, driveways, and sidewalks in order to construct this item, will be paid for under a separate item.

Payment will be at the contract unit price bid for each Hybrid water service installed and connected from the main to the rear of the residence or commercial property and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

Item No. 24 1-1/2-inch Water Service w/Meter Box (main to rear of property)

Item No. 25 2-inch Water Service w/Meter Box (main to rear of property)

These items shall consist of furnishing and installing 1-1/2-inch and 2-inch water services from the main to the rear of the residential or commercial property.

Each water service under this bid item includes but is not limited to: service saddle on the main, corporation stop, meter box, meter lid, meter setter, and meter; installing City furnished Lid Locks, all necessary lateral piping, preparing the hose bib for connection in accordance with the UPC; and all other items necessary to place and connect water services for a complete and operable system as shown on the Plans. The water services and their installation shall meet the applicable requirements of Sections 10, 27, and 38 of the City Standard Specifications and these Special Provisions.

The quantity of water services to install and connect from the main to the rear of the residence under this bid item as shown on the Bid Sheet is for bidding purposes only. The unit price indicated will not be adjusted because the actual number varies from the quantity shown on the Bid Sheet.

This item shall include up to one hundred and fifty feet (150') of water service piping from the main to the rear of the residence (City Water Service plus Residential Water

Service) and two hundred feet (200') of water service piping from the main to the rear of the commercial property (City Water Service plus Commercial Water Service).

Surface restoration associated with this bid item shall be paid for under this bid item except as follows: Concrete flatwork exceeding 20.25 sq. ft. per each Hybrid water service location, as directed by the Engineer, will be paid under a separate bid item. The removal and replacement of on-parcel concrete patios and walkways, driveways, and sidewalks in order to construct this item, will be paid for under a separate bid item.

Payment will be at the contract unit price bid for each water service installed and connected from the main to the rear of the residence and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

Item No. 26 Meter Retrofit of 1-inch Water Service

Item No. 27 Meter Retrofit of 1-1/2-inch Water Service

These items shall consist of furnishing and installing 1-inch or 1-1/2-inch meters, meter setters (for 1-inch meters only), meter boxes and lids, and installing City furnished Lid Locks on existing residential and commercial water services in accordance with the Plans, Section 10, 27 and 38 of the Standard Specifications these Special Provisions.

The quantity of 2-inch and smaller meter retrofits shown on the bid proposal is for bidding purposes only. The unit price indicated for 2-inch and smaller meter retrofits will not be adjusted because the actual number of meter retrofits varies from the quantity shown on the bid proposal.

This item includes replacing up to 5 feet of the existing water service piping on the customer's side of the meter. Additional footage of water service piping necessary to reconnect to the existing service, at the approval of the Engineer, shall be paid under a separate bid item.

Surface restoration associated with this bid item shall be paid for under this bid item except as follows: Concrete flatwork exceeding 20.25 sq. ft. per each commercial water service location, as directed by the Engineer, will be paid under a separate bid item.

Payment will be at the unit price bid per each 2-inch and smaller meter retrofit and shall include full compensation for furnishing all labor, material except as furnished by the City, tools, equipment and incidentals and for doing all work involved with the installation of 2-inch and smaller meter retrofits as specified in these Special Provisions and as directed by the Engineer.

Item No. 28 Additional 1-1/2-Inch Residential/Commercial Water Service Pipe

Item No. 29 Additional 2-Inch Residential/Commercial Water Service Pipe

These items shall consist of furnishing and installing residential/commercial water service piping where field conditions require service lengths in excess of limits identified in other bid items. Additional water service piping size shall match the water service piping installed under the other bid items. Water service piping and their installation

shall meet the applicable requirements of Sections 10, 27, and 38 of the City Standard Specifications and these Special Provisions.

Surface restoration associated with this item shall be performed as specified elsewhere in these Special Provisions and paid for under this item.

The quantity of additional residential/commercial water pipe to furnish and install as shown on the Bid Sheet is for bidding purposes only. The unit price indicated will not be adjusted because the actual number varies from the quantity shown on the Bid Sheet.

Payment will be at the contract unit price bid per lineal foot of additional residential/commercial water service piping furnished and installed that is in excess of the prescribed limits defined in other bid items and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

Item No. 30 Connection to Existing Water Distribution System

This item shall consist of connecting the new water main to the existing water main at the locations indicated, according to the details shown on the Plans and in accordance with Section 27-14 of the City Standard Specifications. This bid item includes but is not limited to: exposing the existing water main to tie into, providing all necessary fittings, restraints, piping to connect to existing main, tie-ins, disposal of existing piping, traffic control, excavation and backfill, and coordination with the City for shut down of existing main.

Connections made between different phases of the work outlined in these contract specifications shall not be considered an “existing connection”.

Surface restoration associated with this item shall be performed as specified elsewhere in these Special Provisions and paid for under this item.

Payment will be at the contract unit bid price for each connection to the existing water distribution system and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

Item No. 31 Abandon Existing Water Services

Where alley or backyard mains provide water to the residence or commercial building, once the new water service has been connected and is operable. This bid item includes, but is not limited to: locating, cutting, capping and abandoning in place the existing water service, excavation and backfill, surface restoration and all other work necessary to abandon the existing water service,

Surface restoration associated with this item shall be performed as specified elsewhere in these Special Provisions and paid for under this item unless otherwise specified. Concrete removal and replacement required to complete this item in place shall be paid for under separate bid items.

The quantity of alley or backyard water services to abandon on the Bid Sheet is for bidding purposes only. The unit price indicated will not be adjusted because the actual number varies from the quantity shown on the Bid Sheet.

Payment will be at the contract unit price bid for each water service abandoned and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

Item No. 32 1-½-Inch Schedule 40 PVC Pipe Bypass

This item consists of furnishing and installing 1½-inch Schedule 40 PVC or HDPE pipe from the new front yard residential water service to the back of the residence when adequate volume is not provided to all points on the property by a front yard/side yard hose bib connection. This bid item includes but is not limited to: excavation and backfill, 1-12-inch PVC Schedule 40 pipe or HDPE pipe, fittings and appurtenances, gate valve, valve box, connections to existing piping, surface restoration and all other work necessary for a complete and operable bypass piping system,

Alignment and connection point shall be at the approval of the Engineer. Materials and placement shall meet the applicable requirements of the City Standard Specifications and these Special Provisions.

Surface restoration associated with this item shall be performed as specified elsewhere in these Special Provisions and paid for under this item except for: . Asphalt concrete and concrete removal and replacement required to complete this item in place shall be paid for under separate bid items.

The quantity of PVC pipe to install on the Bid Sheet is for bidding purposes only. The unit price indicated will not be adjusted because the actual lineal footage varies from the quantity shown on the Bid Sheet.

Payment will be at the contract unit price bid per linear foot of 1-1/2" Schedule 40 PVC or HDPE pipe furnished and installed and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

Item No. 33 Capping Existing Mains

This item shall consist of furnishing and installing the necessary pipe and fittings to permanently cap existing water mains, which are to remain live following completion of the Work, at the locations and to the details shown in the Plans or as directed by the Engineer. Main caps for the convenience of the Contractor or main caps shown on the Plans that are for temporary shutdown of water mains for sequencing of work are considered incidental to other bid items and not included in this bid item.

Surface restoration associated with this item shall be performed as specified elsewhere in these Special Provisions and paid for under this item.

Payment for capping mains will be at the contract lump sum and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

Item No. 34 Existing Valves, Tees, Saddles and Water Mains to Remove or Abandon

This item shall consist of disconnecting existing taps and removing or abandoning existing valves, tees, saddles and water mains as indicated on the Plans or as directed by the Engineer in accordance with these Special Provisions.

Payment will be at the contract lump sum and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

Item No. 35 Water Quality Control

This item shall consist of furnishing, installing, and maintaining water quality control measures (BMPs) elements associated with this project in accordance with Section 16 of these Standard Specifications.

Payment will be at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment, processing and incidentals and for doing all work involved in designing, placing and maintaining in effective condition all erosion, sediment and pollution control BMPs as specified in these Special Provisions, and as directed by the Engineer.

Item No. 36 Concrete to Remove and Replace

This item shall consist of the removal and replacement of concrete encountered on private property as necessary to install and connect residential and commercial water services and to abandon back yard water services. Concrete shall meet the applicable portions of Sections 10, 19, and 24 of the City Standard Specifications. Limits of concrete removal and replacement shall be approved by the Engineer prior to work.

All concrete removal and replacement in public right-of-way shall be included in the appropriate bid items of these Special Provisions.

The quantity of concrete shown on the Proposal is for bidding purposes only. The unit price indicated will not be adjusted because the actual quantity varies from the quantity shown on the Proposal.

This item shall include all concrete pavement removal and replacement not specified in the previous bid items. The removal and replacement of on-site concrete patios and walkways, driveways, and sidewalks in order to construct new water services, shall be paid for under this item.

Where directed by the Engineer, the Contractor shall remove concrete pavement and replace the surface in accordance with the section of the Water Construction Requirements of these Special Provisions, entitled "Pavement Cutting and Surface Restoration" and shall be paid for under this item of the contract. Unless otherwise

directed by the Engineer, newly placed concrete paving shall match existing pavement edges. Limits of concrete removal and replacement shall be approved by the Engineer prior to work.

Included in this item are the saw cutting, excavation, removal and disposal of existing concrete pavement. Existing manhole/vault head and covers, valve or meter box and lids, castings and other associated appurtenances shall be salvaged and reset at the proposed grades. At the Engineers discretion, any box or lids damaged by the Contractor's operation shall be repaired or replaced by the Contractor for no additional charge.

Payment will be at the unit price bid per square foot of concrete to remove and replace and shall include full compensation for furnishing all labor, material, tools, equipment, incidentals, and for performing all work necessary to complete this item in place.

Item No. 37 Asphaltic Concrete to Remove and Replace

This item shall cover miscellaneous asphalt concrete pavement to remove and replace not specified in the previous bid items. Where directed by the Engineer, the Contractor shall remove asphalt concrete pavement and replace the surface in accordance with the section of the Water Construction Requirements of these Special Provisions, entitled "Pavement Cutting and Surface Restoration" and shall be paid for under this item of the contract. Unless otherwise directed by the Engineer, newly placed concrete paving shall match existing pavement edges.

Included in this item are the saw cutting, excavation, removal and disposal of existing asphalt concrete pavement. Existing manhole/vault head and covers, valve or meter box and lids, castings and other associated appurtenances shall be salvaged and reset at the proposed grades. At the Engineers discretion, any box or lids damaged by the Contractor's operation shall be repaired or replaced by the Contractor for no additional charge.

Payment will be at the unit price bid per square foot and shall include full compensation for furnishing all labor, material, tools, equipment and incidentals and for doing all work involved in concrete pavement removal and replacement as shown on the Plans, as specified in these Special Provisions and as directed by the Engineer.

Item No. 38 Unsuitable Material

This item shall consist of furnishing all labor, equipment and materials to remove and replace unsuitable materials in accordance with the requirements in Section 14-8 of the City Standard Specifications, these Special Provisions and as directed by the Engineer.

Measurement for payment for unsuitable material shall be based upon a weight of the material placed based on a conversion factor of 140 lbs/cf.

Payment will be at the contract unit price bid per ton for unsuitable material removed and replaced and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

Item No. 39 Potholes

This item shall consist of potholing at locations deemed necessary as directed by the Engineer, in accordance with the requirements in these Special Provisions and at the locations indicated on the Plans.

This item includes but is not limited to: traffic control, pavement sawcutting, removal and disposal of pavement materials, excavation, backfill, compaction and temporary or permanent pavement repair.

If the Contractor chooses to pothole to determine if proposed main shall be placed over or under existing water mains, or to locate water services, or other existing utilities, this shall not be paid for under this item. It shall be included in the price to furnish and install new water main or services.

Payment will be at the contract unit price bid per each pothole and shall include full compensation for furnishing all labor, materials, tools, equipment, and for performing all work necessary to complete this item in place.

Item No. 40 Connection at McClatchy High School

This item shall consist of the reconnection of the water lines at three locations at McClatchy High School as shown on the Plans and in accordance with these Special Provisions.

This item includes but is not limited to: excavation, backfill and compaction, piping not included in other bid items, fittings and appurtenances, connection to existing system, disposal of existing piping, and testing and disinfection.

The piping from the City system up to the connection point to the existing facilities as shown on the Plans is included in other bid items.

Payment for the connection at McClatchy High School will be at the contract lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, required processing, and equipment, and for performing all work necessary to complete this item in accordance with the City Standard Specifications, these Special Provisions, and as directed by the Engineer.

Item No. 41 Water Meters at 1100 Larkin Way

This item shall consist of the installation of the meters and water service piping at 1100 Larkin Way as shown on the Plans and in accordance with the City Standard Specifications and these Special Provisions.

This item includes but is not limited to: excavation, backfill and compaction, piping, fittings, valves, and appurtenances, meters, meter boxes, saddles, installing City furnished Lid Locks, connection to the existing water services, and testing and disinfection.

The fire hydrant and piping supplying the hydrant is included in other bid items.

Payment for the water meters at 1100 Larkin Way will be at the contract lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, required processing, and equipment, and for performing all work necessary to complete this item in accordance with the City Standard Specifications, these Special Provisions, and as directed by the Engineer.

Item No. 42 Reconnection of Fire Service at 1326 Broadway

This item shall consist of the reconnection of the existing fire service at 1326 Broadway as shown on the Plans and in accordance with the City Standard Specifications and these Special Provisions.

The lead pipe from the main to the connection point and the valve at the main is included in other bid items.

Payment for the fire service reconnection 1326 Broadway will be at the contract lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, required processing, and equipment, and for performing all work necessary to complete this item in accordance with the City Standard Specifications, these Special Provisions, and as directed by the Engineer.

Item No. 43 Domestic and Fire Service Connections at 2505 Riverside Blvd (Target)

This item shall consist of removing the current domestic and fire service connections at 2505 Riverside Blvd (Target) and installing new connections to the new main as shown on the Plans and in accordance with the City Standard Specifications and these Special Provisions.

This item includes but is not limited to: excavation, backfill and compaction, piping, fittings, and appurtenances, relocation of existing 8-inch detector check in new valve vault connection to the existing domestic and fire services, testing and disinfection, and removal and replacement of concrete sidewalk and handicap ramp. This item also includes furnishing and installing 4-inch pipe, fittings, meter box, lid, valves, standpipes, valve boxes, bypass piping, concrete, supports and all other necessary components to properly install the 4-inch meter. The City will furnish the 4-inch meter and lid lock for the Contractor to install under this item.

Installation of the 4-inch water meter on the existing water service shall be in accordance with Section 10, 27 and 38 of the Standard Specifications and Standard Drawing W-515 as shown on the Plans.

The 8-inch water pipe from the main to the backflow device and the 4-inch water pipe from the main to the meter box are included in other bid items.

Materials removed shall become the property of the Contractor to dispose of at their discretion and expense, except for existing meter to be removed. Meters shall be returned to the City immediately upon removal. The Contractor shall deliver meters to the Corporation Yard, 5730 24th Street, Building 8.

Payment for the domestic and fire service connection at 2505 Riverside Blvd. will be at the contract lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, required processing, and equipment, and for performing all work necessary to complete this item in accordance with the City Standard Specifications, these Special Provisions, and as directed by the Engineer.

Item No. 44 Front Hose Bib Plumbing

This item shall consist of the installation of new or modified internal plumbing at three properties on Broadway as indicated on the plans to provide a front hose bib for connection of the new water service as shown on the Plans and in accordance with the City Standard Specifications and these Special Provisions.

A Bid Allowance is carried in the Contract Price for this bid item. Payment for the Front Hose Bib Plumbing will be the cost expended by the Contractor for this work in accordance with the requirements for extra work in City Standard Specification 8-10 and shall include full compensation for furnishing all labor, materials, tools, required processing, and equipment, and for performing all work necessary to complete this item in accordance with the City Standard Specifications, these Special Provisions, and as directed by the Engineer.

Item No. 45 Relocate Existing Meters

This bid item includes relocating existing meters from their current locations in the backyard or side yard to the front yard location as shown on the Plans and in accordance with the City Standard Specifications and these Special Provisions.

Payment will be at the contract unit price bid per each meter relocated and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

Item No. 46 Traffic Signal Loop Detector Replacement

This bid item includes replacing traffic signal loop detectors damaged as part of the work in accordance with the City Standard Specifications and these Special Provisions.

This item includes but is not limited to: conduit, trenching and backfilling, loop wires, cables, loop saw slot and fill and all other work necessary to replace traffic signal loop detectors damaged as a part of this work.

Payment will be at the contract lump sum bid price and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

DEDUCTIVE BID ITEMS

Item No. 47 1-Inch Meters

This bid item includes the cost of 1-inch meters included in other bid items that are not furnished because the property has an existing meter that will be reused.

The quantity of 1-inch meters shown on the Proposal is for bidding purposes only. The unit price indicated will not be adjusted because the actual quantity varies from the quantity shown on the Proposal.

Example: 1608 Broadway has an existing meter, the new meter installation would be paid for under Bid Item 21 and Bid Item 44 and the meter included in Bid Item 21 would be deducted under Bid Item No. 46.

The deduction will be at the contract unit price bid per each meter.

Item No. 48 1-1/2-Inch Meters

This bid item includes the cost of 1-1/2-inch meters included in other bid items that are not furnished because the property has an existing meter that will be reused.

The quantity of 1-1/2-inch meters shown on the Proposal is for bidding purposes only. The unit price indicated will not be adjusted because the actual quantity varies from the quantity shown on the Proposal.

The deduction will be at the contract unit price bid per each meter.

Item No. 49 2-Inch Meters

This bid item includes the cost of 2-inch meters included in other bid items that are not furnished because the property has an existing meter that will be reused.

The quantity of 2-inch meters shown on the Proposal is for bidding purposes only. The unit price indicated will not be adjusted because the actual quantity varies from the quantity shown on the Proposal.

The deduction will be at the contract unit price bid per each meter.

END OF SECTION

APPENDIX

Notification Letters

Constructing Water Main [Distribute 7 working day prior to beginning work]

(CITY LETTER HEAD)

Dear Resident,

The City of Sacramento, Department of Utilities, awarded a construction contract to **(Contractor)** to replace the water distribution main and water services in your neighborhood. A new water main will be constructed in the street and water services will be constructed from the new main to each home. Also, new fire hydrants will be constructed to improve fire protection in your neighborhood.

During the course of construction, on street parking may be temporarily removed to accommodate traffic and construction work. Access to your driveway may be temporarily restricted when construction takes place in front of your house. At the end of each work day, we will backfill the trench, place temporary paving or place steel plates over trench, and open all lanes of traffic to the public. Our work hours are typically between 7 AM to 6 PM.

General public and construction crew safety is of primary concern to us and we encourage you to observe the construction signs. We realize this construction project may be a temporary inconvenience and we will strive to minimize the impacts to the residents.

If you have any questions or problems, please contact any one of the project representatives listed below:

Contractor Superintendent: Name: Phone Number

City Inspector: Name: Phone Number

City Project Manager: Name: Phone Number

Pipeline work is scheduled to begin in your neighborhood on

_____.

Once the pipeline is constructed, we will return to your street to install the water service to each home, disinfect and pressure test the pipelines and restore paving and landscaping. The anticipated project completion date is _____.

Thank you for your cooperation on this very important project.

Constructing Water Main: [Distribute 24 hours prior to beginning work]

(CITY LETTER HEAD)

Dear Resident,

The City of Sacramento, Department of Utilities has commenced with the water main replacement project for your neighborhood. A Contractor may need to access your property to collect data to help the city determine pipe size and connection location. The Contractor may need to access your back yard as part of the data collection process. Please provide access to your backyard and make arrangements for any pets that may be a problem. **If special arrangements are required, please contact (Contractor Superintendent) at (phone number) or a project representative listed below.**

City Inspector: Name: Phone Number

City Project Manager: Name: Phone Number

Thank you for your cooperation on this very important project.

Transferring Water Services: [Distribute 7 working day prior to beginning work]

(CITY LETTER HEAD)

Dear Resident,

(Contractor) has completed construction of the water main in your neighborhood. The next phase of our work requires connecting your new water service to your house plumbing.

Your water service will be temporary shut-off for a short period of time between the hours of 7:30 AM and 3:30 PM. This work is currently scheduled for

We will need access to your backyard to complete this work. Please provide access to your backyard and make arrangements for any pets that may be a problem. **If special arrangements are required, please contact (Contractor Superintendent) at (phone number) or a project representative listed below.**

City Inspector: Name: Phone Number

City Project Manager: Name: Phone Number

Thank you for your cooperation on this very important project.

Transferring Water Services: [Distribute 24 hours prior to beginning work]

(CITY LETTER HEAD)

Dear Resident,

Your water service will be temporary shut-off tomorrow for a short period of time between the hours of 7:30 AM and 3:30 PM.

We will need access to your backyard to complete this work. Please provide access to your backyard and make arrangements for any pets that may be a problem. **If special arrangements are required, please contact (Contractor Superintendent) at (phone number) or a project representative listed below.**

City Inspector: Name: Phone Number

City Project Manager: Name: Phone Number

Thank you for your cooperation on this very important project.

Traffic Alert Form



TRAFFIC ALERT REQUEST

This request will provide the Department of Transportation (DOT) with the facts it needs to determine whether a traffic alert is needed. A traffic alert is warranted when traffic and/or pedestrian impacts related to construction activities are anticipated.

The alert is sent out to the local news media and to City Council, the City Manager's Office and DOT managers. Issuance of a traffic alert does not relieve the requestor of direct communication with the contiguous or adjacent businesses and residents.

Advance notification is necessary to provide DOT with ample time to consider whether a traffic alert is necessary, draft and obtain approval on copy and provide the news media with sufficient notice to consider running the announcement. **Therefore, the traffic alert must be submitted to Linda Tucker, Media and Communication Specialist with DOT, at least ten days prior to scheduled work.**

DATE BIDS DUE:

DATE OF AWARD:

WHO (Project Name and PM Name):

WHAT:

WHERE:

WHEN (CONSTRUCTION START AND END DATE):

WHY:

IMPACT:

(Please indicate what roads, or lanes of roads, require closure, the streets between what blocks to be closed and any other impacts anticipated such as dust, noise and heavy equipment.

CONTACT:

Water Service Tables

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
1	009-0291-001	2600	12TH ST	RES	1"	1"	Front/Side	HYBRID	4' NSLL, 68' SNLL, 4' EWPL in ROW in c/s box	212' NPL of alley, 3' NSLL, 2' EWLL
2	009-0292-001	2601	12TH ST	RES	1"	1"	Front/Side	HYBRID	20' NSPL - 1' WEPL of 2601 12th Street	
3	009-0292-010	2607	12TH ST	RES	1"	1"	Rear	HYBRID	24' NSLL 27' SNPL, 1' WELL stand pipe	
4	009-0291-002	2608	12TH ST	RES	1"	1"	Rear	HYBRID	4' E of main	183' NN Curb of Beverly way 28' S of N L lime
5	009-0291-003	2612	12TH ST	RES	1"	1"	Rear	HYBRID	Service enters property 12'SNLL in ROW.	145 1/2' NPL of Beverly way
6	009-0292-009	2613	12TH ST	RES	1"	1"	Front/Side	HYBRID	33'NSLL 1'WEPL	4' W of main.
7	009-0292-008	2621	12TH ST	RES	1"	1"	Rear	HYBRID	1' W of E Lot Line	85' from NN Curb of Beverly way 23' of N Lot Line
8	009-0291-004	2622	12TH ST	RES	1"	1"	Rear	HYBRID	4' E of main	96' NN Curb of Beverly way 13' S of NLL
9	009-0291-005	2628	12TH ST	RES	1"	1"	Front/Side	HYBRID	15' NNC Beverly way - 1' EWLL	
10	009-0292-007	2629	12TH ST	RES	1"	1"	Front/Side	HYBRID	1' W of E Lot	32'6" NN Curb of Bererly way 24' S of N Lot Line
11	012-0023-025	2701	12TH ST	RES	1"	1"	Front/Side	HYBRID		
12	012-0023-024	2705	12TH ST	RES	1"	1"	Rear	HYBRID	7' WELL- 17' NSLL-33'SNLL in R/W in box	
13	012-0023-023	2709	12TH ST	RES	1"	1"	Rear	HYBRID	36' NSLL, 8' WELL in c/s box	123' S of S Cb 2nd Ave and 36' NSLL
14	012-0023-022	2713	12TH ST	RES	1"	1"	Rear	HYBRID	6' NSLL- 5' WELL	202' SS Cb 2nd Ave & 5' NSLL
15	012-0023-021	2717	12TH ST	RES	1"	1"	Rear	HYBRID	26' SNLL- 8' WELL	
16	012-0021-008	2720	12TH ST	RES	1"	1"	Front/Side	HYBRID	46' WWC of 12th Street 3' SNLL in ROW	
17	012-0023-020	2721	12TH ST	RES	1"	1"	Rear	HYBRID	25' SNLL- 7' WEPL ROW	25'6" SNLL- 4' WEPL ROW
18	012-0023-019	2725	12TH ST	RES	1"	1"	Front/Side	HYBRID	4' WELL	333' SS Cb 2nd Ave and 25' NSLL
19	012-0022-008	2726	12TH ST	RES	1"	1"	Rear	HYBRID	6' NSLL	48' WWC of 12th St, 11' EWLL
20	012-0023-018	2729	12TH ST	RES	1"	1"	Rear	HYBRID	WPL of Right of Way	71' SSPL of CastRO. way 19' NS Lot Line
21	012-0023-017	2733	12TH ST	RES	1"	1"	Rear	HYBRID	5' WELL, 8' NSLL in ROW in c/s box 152' NNC of markham way	
22	012-0023-016	2737	12TH ST	RES	1"	1"	Front/Side	HYBRID	5' WELL	173' NN Cb markham way & 8' NSLL
23	012-0023-015	2741	12TH ST	RES	1"	1"	Rear	HYBRID	4' Way of ELL	123' N of SCL Markham Way & 6' N of SLL
24	009-0293-010	2601	13TH ST	RES	1"	1"	Front/Side	HYBRID	4' W of 8" main	39' SNLL 6' NSLL
25	009-0293-008	2617	13TH ST	RES	1"	1"	Rear	HYBRID	22' NSLL, 4' WEPL	
26	009-0293-007	2623	13TH ST	RES	1"	1"	Rear	HYBRID	4' WELL	192' SSCb 1st Ave & 24 1/2' SNLL
27	009-0293-006	2629	13TH ST	RES	1"	1"	Rear	HYBRID	5' NSLL & 1' WEPL	
28	009-0322-022	2635	13TH ST	RES	1"	1"	Front/Side	HYBRID	4' WELL	299' SSCb 1st Ave & 18' NSLL
29	009-0321-012	2638	13TH ST	RES	1"	1"		FYS RPL		
30	009-0322-021	2641	13TH ST	RES	1"	1"	Rear	HYBRID	1) 43' SNLL - 6' WELL in box (10/6/06) 2) 8' NSLL - 6' WELL in box (10/5/06) 3) 3' W of main	81' 6" S of S Curb Beverly way 8' N of SLL
31	009-0322-020	2649	13TH ST	RES	1"	1"	Front/Side	HYBRID	4' WELL- 11' NSLL	

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
32	009-0322-019	2653	13TH ST	RES	1"	1"	Front/Side	HYBRID	3' W of 8" main Right of Way	44' SNLL & 6' NSLL
33	009-0322-018	2659	13TH ST	RES	3/4"	1"	Rear	HYBRID	24' NSPL - 3' West main or 5' WEPL	
34	009-0322-017	2665	13TH ST	RES	1"	1"	Rear	HYBRID	3' W of main	43' SNLL & 7' NSLL
35	009-0322-016	2671	13TH ST	RES	1"	1"	Front/Side	HYBRID	5' WELL- 23' SNLL	2' WELL- 23' SNLL
36	009-0322-015	2677	13TH ST	RES	1"	1"	Rear	HYBRID	24' NSLL- 6' WEPL in stand pipe	4' W of 6" main
37	009-0322-014	2683	13TH ST	RES	1"	1"	Rear	HYBRID	31' SNLL -19' NSLL- 4' WEPL 13th Street	
38	009-0322-013	2689	13TH ST	RES	1"	1"	Rear	HYBRID	6'NSLL-5'WEPL in S/P under concrete mow strip	6'NSLL-39'SNLL
39	009-0321-030	2690	13TH ST	RES	1"	1"	Rear	HYBRID		
40	009-0322-012	2695	13TH ST	RES	1"	1"	Rear	HYBRID	11' SNLL - 6' WEPL in stand pipe	
41	012-0023-001	2700	13TH ST	RES	1"	1"	Rear	HYBRID	10' NSLL, 3' EWLL	
42	012-0024-032	2701	13TH ST	RES	1"	1"	Rear	HYBRID	7' WEPL, 39' SSC of 2nd Street, 19' NSLL	2' WEPL, 39' SSC of 2nd Street, 19' NSLL
43	012-0023-002	2704	13TH ST	RES	1"	1"	Rear	HYBRID	3' E of 8" main	85' SS Curb 2nd Ave 23 1/2' NSLL
44	012-0024-031	2705	13TH ST	RES	1"	1"	Rear	HYBRID	20 1/2' SNLL- 4' WEPL in ROW or 35' NSLL inside shed next to garage	
45	012-0023-003	2708	13TH ST	RES	1"	1"	Rear	HYBRID	4' E of main	22' SNLL, 2' WWPL ROW
46	012-0024-030	2709	13TH ST	RES	1"	1"	Rear	HYBRID	1) 4' WELL, 9' NSLL, 39' SNLL in box (2/13/06) 2) 9' NSLL 4' WEPL	9' NSLL 2' WEPL
47	012-0023-004	2712	13TH ST	RES	1"	1"	Rear	HYBRID	9' NSLL- 2 1/2' EWLL	
48	012-0024-029	2713	13TH ST	RES	1"	1"	Rear	HYBRID	3' W of 6" main	183' SS Curb 2nd ave
49	012-0023-005	2716	13TH ST	RES	1"	1"	Front/Side	HYBRID	26' SNLL of 2717 12th Street, 2' WEPL of 2717 12th Street	
50	012-0024-028	2717	13TH ST	RES	1"	1"	Front/Side	HYBRID	22' SNLL, 26' NSLL, 1' WELL of 2717 13th St in c/s box	230 1/2' SSC of 2nd Av, 19 1/2' SNLL
51	012-0023-006	2720	13TH ST	RES	1"	1"	Rear	HYBRID	1) 26' NSLL - 2' EWLL in box (9/7/06) 2) 2' EWL Line	281 1/2' SS Cb 2nd Ave. 24' SNL Line
52	012-0024-027	2721	13TH ST	RES	1"	1"	Rear	HYBRID	6' WELL	303' SS Curb of 2nd Avenue 28' SNLL
53	012-0023-007	2724	13TH ST	RES	1"	1"	Front/Side	HYBRID	Same- 2' EWLL 13th Street ROW	10 1/2' NSLL -1' WWLL 13th Street ROW
54	012-0024-026	2725	13TH ST	RES	1 1/2"	1 1/2"	Front/Side	STD	1) 14' NSLL - 6' WELL in box (8/28/06)	
55	012-0023-008	2728	13TH ST	RES	1"	1"	Front/Side	HYBRID	East Line of Right of Way	274' NNPL Markham Way
56	012-0024-025	2729	13TH ST	RES	1"	1"	Front/Side	HYBRID	23' SNLL- 4' WELL	
57	012-0023-009	2732	13TH ST	RES	1"	1"	Front/Side	HYBRID	2' EW Lot Line	229' NN Cb Markham way is 14' NSPL. of Alley Lot Line
58	012-0024-024	2733	13TH ST	RES	1"	1"	Rear	HYBRID	3' Way of 8" main	306' NN Curb markham way
59	012-0023-010	2736	13TH ST	RES	1"	1"	Rear	HYBRID		188 1/2' NN Curb Markham way & 22' NSLL
60	012-0024-023	2737	13TH ST	RES	1 1/2"	1 1/2"	Rear	STD		26' NSLL- 3' WELL in R/W
61	012-0023-011	2740	13TH ST	RES	1"	1"	Rear	HYBRID	20' SNLL 1' EWPL in box	2' EWLL

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
62	012-0024-022	2741	13TH ST	RES	1"	1"	Rear	HYBRID	6' WEPL -7' NSLL	
63	012-0023-026	2744	13TH ST	RES	1"	1"	Front/Side	HYBRID	34' NSLL & 16' SNLL & 2' WWPL	34' NSLL & 16' SNLL & 1' EWPL
64	012-0024-021	2745	13TH ST	RES	1 1/2"	1 1/2"	Front/Side	STD	East Line of Right of Way	46' NNPL markham way
65	012-0024-020	2749	13TH ST	RES	1"	1"	Rear	HYBRID	4' NSLL-46' SNLL-4' WELL-3' W of main	175' NNPL- 4' NSLL- 46' SNLL- 1' WELL of markham way 10' NSPL of Lot
66	012-0024-019	2753	13TH ST	RES	1"	1"	Rear	HYBRID	4' NSPL, 7' WEPL in 12" steel stand pipe	
67	009-0295-017	2551	14TH ST	RES	1"	1"	Rear	HYBRID	13'SNLL, 55'NSLL, 5'WELL in s/p	68'6" SSC of Burnett Way, 14' SNLL
68	009-0291-034	2556	14TH ST	RES	1"	1"	Front/Side	HYBRID	1 1/2' NSLL	23' WW Cb 14th Street & 1' NSLL
69	009-0295-016	2557	14TH ST	RES	1"	1"	Rear	HYBRID	4' W of 10" Main	186' SSCb Burnett Way, Stop back 32' SNPL of Lot
70	009-0291-035	2560	14TH ST	RES	1"	1"	Front/Side	HYBRID	2' SNLL	108' WW Cb 14th Street 2' EWLL
71	009-0295-015	2565	14TH ST	RES	1"	1"	Front/Side	HYBRID	16 1/2' NSLL & 8' WELL of 14th Street	
72	009-0295-014	2573	14TH ST	RES	1"	1"	Front/Side	HYBRID	25' SNLL, 6' WEPL in c/s box	276' SS Cb Line of Burnett way shut off 25' S of NPL of Lot
73	009-0295-013	2581	14TH ST	RES	1"	1"	Front/Side	HYBRID	26' S of NLL	26' SNLL
74	009-0293-011	2600	14TH ST	RES	1 1/2"	1 1/2"	Front/Side	STD	29' SNLL & 10' EWPL	29' SNLL & 5' EWPL
75	009-0295-012	2601	14TH ST	RES	3/4"	1"	Rear	HYBRID	West Line Rt of Way	367' SSPL Burnett Way
76	009-0295-011	2607	14TH ST	RES	1"	1"	Rear	HYBRID	3' 6" WEPL	
77	009-0293-002	2610	14TH ST	RES	1"	1"	Rear	HYBRID	3' 6" E of WL Line	107' S of S Cb of 1 st Ave is 12' N of S L Line
78	009-0295-010	2613	14TH ST	RES	1"	1"	Rear	HYBRID	5' WELL & 4' NSLL	
79	009-0293-003	2616	14TH ST	RES	1"	1"	Rear	HYBRID	4' E WL Line	148' S of S Cb Line 1st Ave is 21' 6" N of SL Line
80	009-0323-028	2619	14TH ST	RES	1"	1"	Rear	HYBRID	3' WEL Lot	499' SSCb Burnett way, 27.5' SNLL Lot
81	009-0293-004	2622	14TH ST	RES	1"	1"	Rear	HYBRID	14' NSLL, 3' EWPL in box	
82	009-0323-027	2625	14TH ST	RES	1"	1"	Rear	HYBRID	4' WEL Lot	549' SSCb Burnett, 22' NSL Lot
83	009-0293-005	2628	14TH ST	RES	1"	1"	Rear	HYBRID	23' NSLL 2628 14th Street & 3' EWLL 14th Street	
84	009-0323-026	2631	14TH ST	RES	1"	1"	Front/Side	HYBRID	4 1/2' WELL & 4 1/2' SNLL ion ROW	4 1/2' WELL & 2 1/2' ROW
85	009-0322-001	2634	14TH ST	RES	1"	1"	Rear	HYBRID	4' EWL Line	293' SS Cb 1st Ave 26' SNLL Line
86	009-0323-025	2637	14TH ST	RES	1"	1"	Rear	HYBRID	18' NSLL - 5.5' WELL	
87	009-0322-002	2640	14TH ST	RES	1"	1"	Rear	HYBRID	16' NSLL - 5' EWLL	
88	009-0323-024	2643	14TH ST	RES	1"	1"	Rear	HYBRID	5' WELL	454' NN Cb 2nd Ave & 5' NSLL
89	009-0322-003	2646	14TH ST	RES	1 1/2"	1 1/2"	Rear	STD	w/v - 4' NSLL, 2' EWPL	45'6" SNLL or 5' NSLL
90	009-0323-023	2649	14TH ST	RES	1"	1"	Rear	HYBRID	3' W of 10' main and 11' NSLL	413' NN Curb 2nd ave
91	009-0322-004	2652	14TH ST	RES	1"	1"	Front/Side	HYBRID	1) 5' NSLL, 5.5 EWLL in box (3/8/06) 2) 3' NSLL, 3' EWLL (10/14/05) 3) 5' NSLL, 5' EWLL (10/12/05)	358/24 5' NSLL 5' EWLL
92	009-0323-022	2655	14TH ST	RES	1"	1"	Front/Side	HYBRID	5' WELL	370' NN Cb 2nd Ave 23' NSLL

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
93	009-0322-005	2658	14TH ST	RES	1"	1"	Front/Side	HYBRID	3 1/2' E of 8" main	330' NN Curb 2nd Ave, 10' NSLL
94	009-0323-021	2661	14TH ST	RES	1"	1"	Rear	HYBRID	Same & 7' WEPL	4' NSLL - 46' SNLL- 4' WEPL
95	009-0322-006	2664	14TH ST	RES	1"	1"	Front/Side	HYBRID	7' NSLL - 2' EWLL in stand pipe	
96	009-0323-020	2667	14TH ST	RES	1"	1"	Rear	HYBRID	9' WELL & 14' NSLL of 14th Street	
97	009-0322-007	2670	14TH ST	RES	1 1/2"	1 1/2"	Rear	STD	Wheel Valve loc: 232 1/2' NNC of 2nd Ave, 7' NSLL @ WPL	6' E of 8" main
98	009-0323-019	2673	14TH ST	RES	1"	1"	Rear	HYBRID	5 1/2' W of 10' main	223' NN Curb 2nd ave
99	009-0322-008	2676	14TH ST	RES	1"	1"	Rear	HYBRID	23' NSLL & 2' EWPL of 14th in c/s box	
100	009-0323-018	2679	14TH ST	RES	1"	1"	Rear	HYBRID	42' NSPL of Lot	Rt of Way 14th & land park drive
101	009-0322-009	2682	14TH ST	RES	1"	1"	Rear	HYBRID	19' NSLL & 3' EWLL	
102	009-0323-017	2685	14TH ST	RES	1"	1"	Rear	HYBRID	8' NSLL, 6' WELL	
103	009-0322-010	2688	14TH ST	RES	1"	1"	Rear	HYBRID	28' NSLL & 27' SNLL & 3' EWLL of 14th Street	
104	009-0323-016	2691	14TH ST	RES	1"	1"	Front/Side	HYBRID	3' W of 10' main	36 1/2' SNLL and 8 1/2' NSLL
105	009-0322-011	2694	14TH ST	RES	1 1/2"	1 1/2"	Rear	STD	41' NNPL of 2nd Ave, 11' SNLL 2' EWPL, box	15' SNLL- 3' WELL of 2695 13th Street
106	009-0323-015	2697	14TH ST	RES	1"	1"	Rear	HYBRID	24 1/2' SNLL, 6' WELL in stand pipe	
107	012-0031-031	2701	14TH ST	RES	1"	1"	Rear	HYBRID	27' SSC of 2nd Ave & 4' WELL	27' SSC of 2nd Ave & 1' WELL
108	012-0024-002	2704	14TH ST	RES	1"	1"	Front/Side	HYBRID	w/v=21' SNLL, 24' NSLL & 2' EWLL of ROW	
109	012-0031-030	2707	14TH ST	RES	1"	1"	Rear	HYBRID	6' WEPL ROW, 22' NSLL in S/P	88' SS Cb Line 2nd Ave is 32' SN Lot Line
110	012-0024-003	2708	14TH ST	RES	1"	1"	Front/Side	HYBRID	5' NSLL- 1' EWPL ROW	1' WWPL- 6' NSLL
111	012-0024-004	2710	14TH ST	RES	1"	1"	Rear	HYBRID	23' SNLL -3' EWPL	178 1/2' SSC of 2nd Ave, 23' SNPL of Lot
112	012-0031-029	2711	14TH ST	RES	1"	1"	Front/Side	HYBRID	41 1/2' NSLL 8 1/2' SNLL & 6' WEPL	41 1/2' NSLL 8 1/2' SNLL & 3' WEPL
113	012-0031-028	2715	14TH ST	RES	1"	1"	Rear	HYBRID	8' SNLL, 42' NSLL, 5' WELL in box	
114	012-0024-005	2716	14TH ST	RES	1"	1"	Rear	HYBRID	WPL of Lot	221' SS Curb of 2nd Ave 27' NSPL of Lot
115	012-0031-027	2719	14TH ST	RES	1"	1"	Rear	HYBRID	28 NSLL - 6' WELL	
116	012-0024-006	2720	14TH ST	RES	1"	1"	Rear	HYBRID	9'8" NSLL & 18' EWLL	
117	012-0031-026	2723	14TH ST	RES	1"	1"	Front/Side	HYBRID	29' NSPL, 5 1/2' WEPL	
118	012-0024-007	2724	14TH ST	RES	1"	1"	Rear	HYBRID	5.5' NSLL - 1.5' EWLL	
119	012-0031-025	2725	14TH ST	RES	1"	1"	Rear	HYBRID	3' W of 10" main	324' SS Curb Ave 18' SNLL
120	012-0024-008	2728	14TH ST	RES	1"	1"	Rear	HYBRID	WPL Lot	389 1/2 SS Curb of 2nd Ave 8 1/2 SPL of Lot
121	012-0031-024	2731	14TH ST	RES	1"	1"	Rear	HYBRID	12' NSLL, 7' WELL	
122	012-0024-009	2732	14TH ST	RES	1"	1"	Rear	HYBRID	5' E of 8" main	419 1/2' SS Curb of 2nd Ave
123	012-0031-023	2735	14TH ST	RES	1"	1"	Rear	HYBRID	28' SNLL & 7' WELL of 14th Street	29' SNLL, 2' WEPL
124	012-0024-010	2736	14TH ST	RES	1"	1"	Front/Side	HYBRID	4 1/2' NSLL, 2' EWPL in stand pipe	
125	012-0031-022	2739	14TH ST	RES	1"	1"	Rear	HYBRID	9' NSPL -5' WELL in c/s box	9' NSLL
126	012-0024-011	2740	14TH ST	RES	1"	1"	Front/Side	HYBRID	2' E of W Lot Line	304' NNPL of Markham way 38. 5' N of S Lot Line

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
127	012-0031-021	2743	14TH ST	RES	1"	1"	Rear	HYBRID	35' SNLL & 6' WELL of 14th Street	35' SNLL & 2 1/2' WELL of 14th Street
128	012-0024-012	2744	14TH ST	RES	1"	1"	Rear	HYBRID	1.5' East of W Lot Line	6.5' North of South Line of Lot
129	012-0031-020	2747	14TH ST	RES	1"	1"	Front/Side	HYBRID	24' NSLL, 7' WELL	
130	012-0024-013	2748	14TH ST	RES	1"	1"	Front/Side	HYBRID	11 1/2' SNLL & 3' EWPL of 14th Street	
131	012-0031-019	2751	14TH ST	RES	1"	1"	Rear	HYBRID	1) 45' SNLL, 10' NSLL, 5' WELL in box (12/8/05) 2) 11' NSLL in stand pipe	
132	012-0024-014	2752	14TH ST	RES	1"	1"	Rear	HYBRID	25' NSLL	148' NNCL markham way, 25' NSLL
133	012-0031-018	2755	14TH ST	RES	1"	1"	Front/Side	HYBRID	5' W of E L Line	123' NNcb markham way also 6' N of SNL Line
134	012-0024-015	2756	14TH ST	RES	1"	1"	Front/Side	HYBRID	18' NSLL & 1 1/2' EWLL of 14th Street	GV loc: 18' NSLL, 1' EWPL (7/18/05)
135	012-0024-016	2760	14TH ST	RES	1"	1"	Rear	HYBRID	4' E of 8' main	53' NN Curb Markham Way
136	012-0031-017	2761	14TH ST	RES	1"	1"	Front/Side	HYBRID	22' SNLL & 8' WELL of 14th Street	22' SNLL & 4' WELL of 14th Street
137	012-0024-017	2764	14TH ST	RES	1"	1"	Rear	HYBRID	14' NNPL of Markham Way, 3' EWPL	14 1/2' NNPL of Markham Way 1' WWPL
138	012-0031-016	2765	14TH ST	RES	1"	1"	Rear	HYBRID		
139	009-0265-012	2500	16TH ST	COM	1"	1"	Front/Side	HYBRID	tap #1 - 3/4" - 27' EEC of 16th Street & 1' SS wall o/1600 Broadway. Tap #2 - 1" - 54 1/2' EEC o/16th Street & 1' SS wall o/1600 Broadway	
140	009-0265-013	2536	16TH ST	RES	1"	1"		FYS RPL	20' SNLL of 16th & 1' SNPL of Alley	
141	009-0265-014	2542	16TH ST	RES	1"	1"		FYS RPL	WPL 16th Street	18' SNPL Burnett way
142	009-0302-001	2550	16TH ST	RES	3/4"	1"		FYS RPL	None	25' SSPL of Burnett way
143	009-0302-002	2558	16TH ST	RES	3/4"	1"		FYS RPL	8' EWLL & 11' SSC of 16th Street	8' SNLL & 6' WWC of 16th Street
144	009-0303-033	2559	16TH ST	RES	1"	1"	Rear	HYBRID	12 1/2' NSLL, 4' WEPL in box	
145	009-0302-003	2566	16TH ST	RES	3/4"	1"		FYS RPL	12' NSLL, 28' SNLL & 10' WWC of 16th Street	
146	009-0303-032	2567	16TH ST	RES	1"	1"	Front/Side	HYBRID		
147	009-0302-004	2574	16TH ST	RES	3/4"	1"		FYS RPL	3 1/2' WWPL of 16th Street & 12' NSPL of Lot	
148	009-0303-031	2575	16TH ST	RES	3/4"	1"	Rear	HYBRID	5 1/2' WEPL & 18 1/2' NSPL of Lot	
149	009-0302-005	2582	16TH ST	RES	3/4"	1"		FYS RPL	WPL 16th Street (west side)	182' SSPL Burnett way
150	009-0303-030	2583	16TH ST	RES	1"	1"	Front/Side	HYBRID	23"NSLL, 3" WELL in box.	23" NSLL, 3' WELL
151	009-0303-029	2591	16TH ST	RES	3/4"	1"	Rear	HYBRID	21' SNLL- 1' WELL	21' SNLL - 4' WEL
152	009-0302-006	2592	16TH ST	RES	1"	1"	Rear	HYBRID	18' E of W Lot Line	22 1/2' S of N Lot Line
153	009-0302-007	2600	16TH ST	RES	1"	1"	Rear	HYBRID	13' E of 4" Main	287.6' SS Curb Burnett way
154	009-0303-028	2603	16TH ST	RES	1"	1"	Rear	HYBRID	15' SNLL, 26' SNLL, 3' WELL	26' NSLL, 4' WEPL in ROW

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
155	009-0302-008	2604	16TH ST	RES	1"	1"	Rear	HYBRID	1' EWPL Lot	369 1/2' NN Curb of Larkin way, 17' NSPL of a Lot.
156	009-0303-027	2605	16TH ST	RES	1"	1"	Rear	HYBRID	6' WEL Line	8 1/2' SNL Line 3' WEL Line
157	009-0302-009	2608	16TH ST	RES	1"	1"		FYS RPL	7 1/2' NSLL & 31 1/2' SNLL & 8' WWC of 16th Street	6' NSLL & 33' SNLL & 6' WWC of 16th Street
158	009-0303-026	2609	16TH ST	RES	1"	1"	Rear	HYBRID	Same as CC 31 1/2' NSLL 1-1/2' SNLL 8' WEPL rt of Way	31 1/2' NSLL 10 1/2' SNLL 4 1/2' WEPL in Rt of Way
159	009-0302-010	2612	16TH ST	RES	3/4"	1"		FYS RPL	west rt of Way	321' NNPL of Larkin way
160	009-0303-025	2613	16TH ST	RES	1"	1"	Rear	HYBRID	3' W of 6" main	317' NN Curb of Larkin way
161	009-0302-011	2616	16TH ST	RES	1"	1"		FYS RPL	Same as Corp cock- 9' NSLL ,5'6" WW side walk 16th Street	258' NNPL larkin way 262'6" NNC larkin way
162	009-0303-024	2617	16TH ST	RES	3/4"	1"	Rear	HYBRID	12' NSLL, 20' NSLL, 2' WEPL	
163	009-0302-012	2620	16TH ST	RES	3/4"	1"		FYS RPL	41' NSLL,9' WWC of 16th Street on North Lot Line	42' NSLL, 6' WWC of 16th Street 1' NSPL
164	009-0303-023	2621	16TH ST	RES	1"	1"	Front/Side	HYBRID	5' WEL Line	11' SNL Line 2 1/2' WEL Line
165	009-0302-013	2624	16TH ST	RES	3/4"	1"		FYS RPL	NPL of 16th street	205' NNPL of Larkin way
166	009-0303-022	2625	16TH ST	RES	1"	1"	Front/Side	HYBRID	13 1/2' SNPL & 3' WEST of main	
167	009-0302-014	2628	16TH ST	RES	3/4"	1"		FYS RPL	14' NSLL, 7' WEC in box	2' WWPL, 5' SNLL
168	009-0303-021	2629	16TH ST	RES	1"	1"	Front/Side	HYBRID	18' NSLL -5' WELL	
169	009-0302-015	2632	16TH ST	RES	1"	1"		FYS RPL	WPL of 16th Street	113' NNPL of larkin way
170	009-0303-020	2633	16TH ST	RES	1"	1"	Rear	HYBRID	3' W of main	112 1/2' NN Curb of castRO. way 17' SNPL of Lot
171	009-0302-016	2636	16TH ST	RES	1"	1"		FYS RPL	65' N of N Cb of larkin way & 24' S of N Lot Line	Same as Corp & 8' WW Cb of 16th Street
172	009-0303-019	2637	16TH ST	RES	1"	1"	Rear	HYBRID	3' W of main	80' NN Curb of Larkin way, 9' SNPL Lot
173	009-0302-017	2640	16TH ST	RES	1"	1"		FYS RPL	Same as Corp- 13' SNLL, 9' WWC 16th Street	31' NNPL larkin way 35'6" larkin Way
174	009-0303-018	2643	16TH ST	RES	3/4"	1"	Rear	HYBRID	west Line of rt of Way	28' NNPL of larkin Way
175	009-0332-001	2644	16TH ST	RES	1"	1"		FYS RPL	9' WWC of 16th Street & SPL of 2644 16th Street	
176	009-0333-022	2647	16TH ST	RES	1"	1"	Rear	HYBRID		
177	009-0332-002	2648	16TH ST	RES	1"	1"		FYS RPL	13' SNLL, 10' WWC in C/S box	60' SS Cb larkin Way & 2' W of 6" Main
178	009-0333-021	2649	16TH ST	RES	1"	1"	Front/Side	HYBRID	3' W of 6" main	66' SS Curb of larkin way
179	009-0332-021	2652	16TH ST	RES	3/4"	1"		FYS RPL	west rt of Way 16th Street	110' SSPL of larkin Way
180	009-0333-020	2653	16TH ST	RES	3/4"	1"	Rear	HYBRID	west rt of Way	102' SSPL of larkin Way
181	009-0333-019	2657	16TH ST	RES	1"	1"	Rear	HYBRID	5 1/2' of W of 6" main	147' SS Cb of larkin Way
182	009-0332-022	2660	16TH ST	RES	3/4"	1"		FYS RPL	5' WWPL of 16th Street, 1' SSPL in stand pipe	
183	009-0333-018	2661	16TH ST	RES	3/4"	1"	Rear	HYBRID	20' NSLL -4' WELL	20' NSLL -2' WELL
184	009-0332-006	2664	16TH ST	RES	1"	1"		FYS RPL	10' WWC & 22' NSLL of 16th Street	

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
185	009-0333-017	2665	16TH ST	RES	1"	1"	Front/Side	HYBRID	5' WELL	225' SS Cb Iarkin Way & 19 1/2' S NLL
186	009-0333-016	2667	16TH ST	RES	1"	1"	Front/Side	HYBRID	4' WELL, 7' NSLL in stand pipe	2' WELL, 7' NSLL
187	009-0332-007	2668	16TH ST	RES	3/4"	1"		FYS RPL	4' NSLL -6' WWC 16th Street	
188	009-0332-008	2672	16TH ST	RES	1"	1"	Rear	HYBRID	3' E of 4" main	133' NN Curb of 2nd Ave
189	009-0333-015	2673	16TH ST	RES	1"	1"	Rear	HYBRID	3 1/2' W of 6" main	135' NN Curb of 2nd Ave
190	009-0332-009	2676	16TH ST	RES	3/4"	1"		FYS RPL	WPL 16th Street	82' NNPL 2nd Ave
191	009-0333-014	2679	16TH ST	RES	3/4"	1"	Rear	HYBRID	6' NSLL & 3 1/2' WELL of 16th Street	6' NSLL & 1 1/2' WELL of 16th Street
192	009-0332-010	2680	16TH ST	RES	1"	1"		FYS RPL	WPL	64' NNPL of 2nd Ave
193	009-0333-013	2683	16TH ST	RES	1"	1"	Rear	HYBRID	4' NSLL, Aprox -6' WELL, 54' NNC of 2nd Ave in stand pipe	4' NSLL, 3' WELL
194	009-0332-011	2684	16TH ST	RES	1"	1"		FYS RPL	25' NNC of 2nd Ave & 9' WWC of 16th Street	25' NNC of 2nd Ave & 7 1/2' WWC of 16th Street
195	009-0333-012	2685	16TH ST	RES	1"	1"	Rear	HYBRID	104' SSPL of P Street 58 1/2' NNPL of Alley	1' EEC of 2nd Street
196	012-0034-001	2700	16TH ST	RES	3/4"	1"	Rear	HYBRID	East Rt of Way	26' SSPL of 2nd Ave
197	012-0035-023	2701	16TH ST	RES	3/4"	1"	Rear	HYBRID	17' NSLL, 8" W of garage wall in standpipe	16' NSLL, 7" W of garage wall
198	012-0034-002	2704	16TH ST	RES	1"	1"	Front/Side	HYBRID	6' E of WLL -28' N of SLL- 12' S of NLL	2' E of WLL
199	012-0035-022	2705	16TH ST	RES	1"	1"	Rear	HYBRID	3' W of 6" main	68 1/2' SS Curb 2nd Ave , 18 1/2' SNLL
200	012-0034-003	2708	16TH ST	RES	1"	1"	Front/Side	HYBRID	1) 10.5" NSLL, 4' EWLL in box (11/17/05) 2) 11' SNLL, 5' EWPL in standpipe	
201	012-0035-021	2709	16TH ST	RES	1"	1"	Front/Side	HYBRID	W of 6" main	121 1/2' SS Curb of 2nd avenue 8' NSLL
202	012-0034-004	2712	16TH ST	RES	1"	1"	Rear	HYBRID	2' EWLL	2 1/2' NSLL & 61' SS Curb of 2nd Ave
203	012-0035-020	2713	16TH ST	RES	1"	1"	Rear	HYBRID	25' NSLL, 16' SNLL, 9' WELL	
204	012-0034-005	2716	16TH ST	RES	3/4"	1"	Rear	HYBRID	18' SNLL & 6 1/2' EWPL in Rt of way	
205	012-0035-019	2717	16TH ST	RES	1"	1"	Rear	HYBRID	13' NSLL -27' SNLL 3' W main - 6' WELL	13' NSLL 27' SNLL
206	012-0034-006	2720	16TH ST	RES	3/4"	1"	Front/Side	HYBRID		19' NSLL, 2' EWPL
207	012-0035-018	2721	16TH ST	RES	1"	1"	Rear	HYBRID	11' NSLL - 1' WEPL- 33' SNLL	11' NSLL- 4' WEPL- 33' SNLL
208	012-0034-007	2724	16TH ST	RES	3/4"	1"	Rear	HYBRID	East rt of Way	184' EEPL of Caramay way
209	012-0035-017	2725	16TH ST	RES	1"	1"	Front/Side	HYBRID	4 1/2' W of 6" main	182' NN Curb of Caramay way
210	012-0034-008	2728	16TH ST	RES	1"	1"	Rear	HYBRID	4' E of 6" main	134 1/2' NN Curb of Caramay way
211	012-0035-016	2729	16TH ST	RES	1"	1"	Front/Side	HYBRID	8 1/2' NSLL - 7" WELL	134' NNC of Caramay way
212	012-0034-009	2732	16TH ST	RES	1"	1"	Front/Side	HYBRID	9 1/2' SNLL - 4 1/2' EWPL	12' SNLL- 2' EWPL
213	012-0035-015	2733	16TH ST	RES	1"	1"	Front/Side	HYBRID	9 1/2' SNLL, 30 1/2' NSLL & 7' WEPL in ROW	
214	012-0034-010	2736	16TH ST	RES	3/4"	1"	Front/Side	HYBRID	E rt of Way	71' NNPL of Caramay way
215	012-0035-014	2737	16TH ST	RES	1"	1"	Rear	HYBRID	6' WELL - 7' NSPL in box	4' W of 6" main
216	012-0034-011	2740	16TH ST	RES	1"	1"	Rear	HYBRID	39' NNPL of Caramay way-18' SNLL	39' NNPL Caramay way- 18' SNLL
217	012-0035-013	2741	16TH ST	RES	1"	1"	Rear	HYBRID	6' WELL, 46' NNC of Caramay way	3' WELL, 46' NNC of Caramay way
218	009-0265-006	2522	17TH ST	COM	1"	1"	Rear	HYBRID	1" WV 6' EWPL -6' NSLL	

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
219	009-0265-006	2522	17TH ST	COM	1"	1"	Rear	HYBRID		
220	009-0267-018	2531	17TH ST	RES	1"	1"	Rear	HYBRID	West Rt. of Way	27' SSPL of Burnett Way
221	009-0303-001	2550	17TH ST	RES	1 1/2"	1 1/2"	Rear	STD	wv: 1'EWLL, 21'NSLL of 2550 17th St.	22'SSPL of Burnett Way or 26'6" SSC of Burnett Way
222	009-0303-002	2558	17TH ST	RES	1"	1"	Front/Side	HYBRID	7' E of main -5' EWLL	11' NSLL -28' SNLL
223	009-0304-033	2559	17TH ST	RES	3/4"	1"	Rear	HYBRID	21' SNLL, 19' NSLL & 9' WELL	20' NSLL, 20' SNLL & 1 1/2' WELL
224	009-0303-003	2566	17TH ST	RES	3/4"	1"	Front/Side	HYBRID	None	103' SSPL of Burnett way
225	009-0304-032	2567	17TH ST	RES	3/4"	1"	Rear	HYBRID	None	63' SSPL of Burnett way
226	009-0303-004	2574	17TH ST	RES	3/4"	1"	Rear	HYBRID	18' SNLL - 1' EWLL in box (6/15/07)	
227	009-0304-031	2575	17TH ST	RES	1"	1"	Front/Side	HYBRID	4' WELL,4 1/2 NSLL	2' WELL,4 1/2 NSLL
228	009-0303-005	2582	17TH ST	RES	3/4"	1"	Rear	HYBRID	177' SSPL of Burnett way & 18 1/2' SNPL of Lot	
229	009-0304-030	2583	17TH ST	RES	1"	1"	Rear	HYBRID	WPL of rt of Way	196' SSPL of Burnett way
230	009-0303-006	2590	17TH ST	RES	3/4"	1"	Front/Side	HYBRID	5' NSLL & 1' EWLL of 2590 17th Street	
231	009-0304-029	2591	17TH ST	RES	1"	1"	Rear	HYBRID	9 1/2' NSPL & 6 1/2' WEPL of 17th Street	
232	009-0303-007	2600	17TH ST	RES	3/4"	1"	Rear	HYBRID	17' SNLL,on WLL(under fence)	17' SNLL, 3' WWPL
233	009-0304-028	2601	17TH ST	RES	3/4"	1"	Front/Side	HYBRID	12' NSLL & 4 1/2' WELL of 17th Street (5/23/06)	
234	009-0303-008	2604	17TH ST	RES	3/4"	1"	Front/Side	HYBRID	1) in ROW 10' SNLL, 30' NSLL, 2' EWLL in box (4/5/06) 2) E Rt of Way	296' SSPL of Burnett way
235	009-0304-027	2605	17TH ST	RES	3/4"	1"	Rear	HYBRID	11' NSLL,29' SNLL & 6' WELL of 17th Street	
236	009-0303-009	2608	17TH ST	RES	1"	1"	Front/Side	HYBRID	Same as Corp cock- 1' E of WLL	20'6" N of SLL
237	009-0304-026	2609	17TH ST	RES	1"	1"	Rear	HYBRID	22' SNLL- 18' NSLL - 5'6" WEPL in ROW	3' WEPL in Rt of Way
238	009-0303-010	2612	17TH ST	RES	3/4"	1"	Rear	HYBRID	20' SNLL, 1' EWLL in SP	22' SNLL,2' WWLL
239	009-0304-025	2613	17TH ST	RES	1"	1"	Rear	HYBRID	16' SNLL, 5' WEPL in standpipe	16' SNLL, 3' WEPL
240	009-0303-011	2616	17TH ST	RES	3/4"	1"	Front/Side	HYBRID	None	430' SSPL of Burnett way
241	009-0304-024	2617	17TH ST	RES	3/4"	1"	Rear	HYBRID	20' SNLL, 1' EWLL	
242	009-0303-012	2620	17TH ST	RES	1"	1"	Rear	HYBRID	17' NSLL & 28' SNLL 1.5' WWPL	17' NSLL & 28' SNLL & 2.5' EWPL
243	009-0304-023	2621	17TH ST	RES	1"	1"	Front/Side	HYBRID	Same - 5' WELL	33' SNLL -2' WELL
244	009-0303-013	2624	17TH ST	RES	3/4"	1"	Rear	HYBRID	9' SNLL & 4' EWLL of 17th Street	
245	009-0304-022	2625	17TH ST	RES	3/4"	1"	Front/Side	HYBRID	west rt of Way	187' NNPL of Larkin Way
246	009-0303-014	2628	17TH ST	RES	3/4"	1"	Front/Side	HYBRID	6' SNLL & 3' EWLL	
247	009-0304-021	2629	17TH ST	RES	1"	1"	Rear	HYBRID	8' NSLL-5' WEPL in box	8' NSLL -28' SNLL
248	009-0303-015	2632	17TH ST	RES	1"	1"	Front/Side	HYBRID	21' NSLL- 19' SNLL- 2' WWPL rt of Way	21' NSLL -19' SNLL -2' EWPL Rt of Way
249	009-0304-020	2633	17TH ST	RES	1"	1"	Rear	HYBRID	17' S of NLL - 5'6" W of EPL of Lot	16' S of NLL
250	009-0303-016	2636	17TH ST	RES	1"	1"	Front/Side	HYBRID	Same as Corp- at WLL	69' NNC Larkin Way 65' NNPL larkin Way 19' SNLL
251	009-0304-019	2637	17TH ST	RES	3/4"	1"	Rear	HYBRID	7' NSLL, 33' SNLL & 3' WELL of 17th Street	

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
252	009-0303-017	2640	17TH ST	RES	1"	1"	Rear	HYBRID	38' NNC of larkin Way and 11' SNLL	Same as Corp and at WLL
253	009-0304-018	2641	17TH ST	RES	1"	1"	Front/Side	HYBRID	1) 8' SNLL, 6' WELL (1/20/06) 2) 8' SNLL -6' WELL in Box	42' NSLL -2' WELL
254	009-0333-001	2644	17TH ST	RES	3/4"	1"	Rear	HYBRID	32 1/2' SSPL of larkin Way & 2 1/2' EWLL	
255	009-0334-022	2645	17TH ST	RES	1"	1"	Front/Side	HYBRID	6' WELL- 10' NSLL	39' SS Curb Larkin Way. 10' NSLL
256	009-0333-002	2648	17TH ST	RES	1"	1"	Rear	HYBRID	E Rt of Way	59' SSPL of Larkin way
257	009-0334-021	2649	17TH ST	RES	1"	1"	Front/Side	HYBRID	4'6" WEPL- 12' NSLL in c/s box	
258	009-0333-003	2652	17TH ST	RES	1"	1"	Rear	HYBRID	7' SNPL & 2' EWLL	
259	009-0334-020	2653	17TH ST	RES	3/4"	1"	Rear	HYBRID	19' NSLL	
260	009-0333-004	2656	17TH ST	RES	3/4"	1"	Front/Side	HYBRID	8' SNLL,32' NSLL,2' WWLL & 2' EWLL of 17th Street	
261	009-0334-019	2657	17TH ST	RES	3/4"	1"	Rear	HYBRID	16' NSLL -5' WELL	16' NSLL - 2' WELL
262	009-0333-005	2660	17TH ST	RES	3/4"	1"	Front/Side	HYBRID	12' NSLL 3' EWPL in box	11' NSLL- 2' WWLL @ 2661 16th Street
263	009-0334-018	2661	17TH ST	RES	3/4"	1"	Front/Side	HYBRID	21' NSL, 3' WELL	20' NSLL, 3' WELL
264	009-0333-006	2664	17TH ST	RES	3/4"	1"	Front/Side	HYBRID	3.5' E of W Line of Lot	208 NNPL 2nd Ave
265	009-0334-017	2665	17TH ST	RES	3/4"	1"	Front/Side	HYBRID	west rt of Way	230' SSPL of larkin Way
266	009-0334-016	2667	17TH ST	RES	1"	1"	Front/Side	HYBRID	26' NSLL, 13' SNLL, 3' WEPL rt of Way	25' NSLL 12' SNLL 1' WEPL in Rt of Way
267	009-0333-007	2668	17TH ST	RES	3/4"	1"	Rear	HYBRID	west rt of Way	190' NNPL of 2nd Ave
268	009-0333-008	2672	17TH ST	RES	1"	1"	Rear	HYBRID	11' NSLL-2'6" EWPL in box	11' NSLL- 2' EWPL
269	009-0334-015	2673	17TH ST	RES	1"	1"	Front/Side	HYBRID	5' SNLL & 4' WELL (on Stand pipe)	
270	009-0333-009	2676	17TH ST	RES	1"	1"	Rear	HYBRID	9' E of 6" main	122' NN Curb of 2nd Ave
271	009-0334-014	2677	17TH ST	RES	1"	1"	Rear	HYBRID	20'SNLL-6'WEPL of ROW in S/P	19'SNLL-3'WEPL of ROW
272	009-0333-010	2680	17TH ST	RES	3/4"	1"	Front/Side	HYBRID	22' NSLL & 3' EWLL of 17th Street	
273	009-0334-013	2681	17TH ST	RES	1"	1"	Rear	HYBRID	5' W of 8" main	56' NN Curb of 2nd Ave
274	009-0333-011	2684	17TH ST	RES	1"	1"	Rear	HYBRID	34' NNPL of 2nd Ave- 10' SNLL on WPL in rt of Way	34'6" NNPL of 2nd Ave- 9'6" SNLL- 3' WWPL in Rt of way
275	009-0334-012	2685	17TH ST	RES	3/4"	1"	Rear	HYBRID	west Line rt of Way	33' NNPL 2nd Avenue
276	012-0035-001	2700	17TH ST	RES	1"	1"	Front/Side	HYBRID	1' E of WLL- 37' of SPL of 2nd Ave	7' W of WLL
277	012-0035-002	2704	17TH ST	RES	1"	1"	Front/Side	HYBRID	6' NSLL & 2' EWPL	
278	012-0041-021	2705	17TH ST	RES	1"	1"	Rear	HYBRID	17' NSLL - 3' WELL	
279	012-0035-003	2708	17TH ST	RES	1"	1"	Rear	HYBRID	6' E of 6" main	110' SS Curb of 2nd Ave, 19' NSLL
280	012-0041-020	2711	17TH ST	RES	1"	1"	Rear	HYBRID	13'NSLL, 5'WEPL in box	
281	012-0035-004	2712	17TH ST	RES	1"	1"	Rear	HYBRID	4' EWLL, 8' NSLL, 31' SNLL in S/P	159' SSC of 2nd Av
282	012-0041-019	2715	17TH ST	RES	1"	1"	Rear	HYBRID	4' WELL Lot Line	163' SS Curb 2nd Ave 15' NS Lot Line
283	012-0035-005	2716	17TH ST	RES	3/4"	1"	Rear	HYBRID	15' NSLL & 2' EWLL	
284	012-0041-018	2717	17TH ST	RES	1"	1"	Rear	HYBRID	5' W of EL Line	213' 6" S of S Cb L of 2nd Ave & is 34' S of NL Line
285	012-0035-006	2720	17TH ST	RES	1"	1"	Rear	HYBRID	3' E of main	213' NN Curb of Caramay way 7' NSPL of Lot

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
286	012-0041-017	2723	17TH ST	RES	1"	1"	Rear	HYBRID	1) 23' nsll - 4' well (5/29/07) 2) 5' WELL	206' NNC o/Caramay Way & 28' SNLL
287	012-0035-007	2724	17TH ST	RES	1"	1"	Rear	HYBRID	Same as Corp cock -4' EWLL	192' NNC of Caramay way 187' NNPL of Caramay way 14' SNLL
288	012-0041-016	2727	17TH ST	RES	1"	1"	Rear	HYBRID	5' WELL	163' NNCb Caramay way & 25 1/2' NSLL
289	012-0035-008	2728	17TH ST	RES	3/4"	1"	Rear	HYBRID	30' SNLL, 2' EWLL in stand pipe	
290	012-0041-015	2731	17TH ST	RES	1"	1"	Rear	HYBRID	4' WELL	131' NNCb Caramay way & 8 1/2' SNLL
291	012-0035-009	2732	17TH ST	RES	1"	1"	Rear	HYBRID	20' SNLL & 1 1/2' EWLL in box (8/24/06)	
292	012-0035-010	2736	17TH ST	RES	1"	1"	Rear	HYBRID	1' E of W Lot Line	5 1/2' N of SL Lot Line
293	012-0041-014	2737	17TH ST	RES	1"	1"	Rear	HYBRID	14' SNLL of 2737 17th Street - 6' WELL	
294	012-0035-011	2740	17TH ST	RES	1"	1"	Rear	HYBRID	s6' NNC of Caramay way and 1' SNLL	Same as Corp and at WLL
295	012-0041-013	2741	17TH ST	RES	1"	1"	Front/Side	HYBRID	1' W of main or at ELL, 4' SN LL	46' NN Curb Caramay way 4' SNLL
296	012-0045-001	2745	17TH ST	RES	1"	1"	Rear	HYBRID	11' WELL -8' NSPL in Box	
297	012-0036-011	2746	17TH ST	RES	1"	1"	Front/Side	HYBRID	11' NSPL & 3' EWLL	7' NSPL & 1' EWLL
298	012-0081-017	2773	17TH ST	RES	1"	1"	Rear	HYBRID	3' E of main	80' NN Curb of 3rd Ave, 14' SNPL of Lot
299	012-0081-016	2775	17TH ST	RES	1"	1"	Rear	HYBRID	25' SNLL- 6' WELL	6' WELL
300	012-0074-009	2776	17TH ST	RES	1"	1"	Rear	HYBRID	3' E of main	177' SS Curb of markham way, 27' NSPL Lot
301	012-0081-015	2777	17TH ST	RES	1"	1"	Rear	HYBRID	6' W of E Lot Line	173.5' SS Cb of Markham way 18.5' S N Lot Line
302	012-0074-010	2778	17TH ST	RES	1"	1"	Rear	HYBRID	1) 31' SNLL, 16.5 NSLL, 3' EWLL of 2778 17th St. (4/3/06) 2) 31' SNLL - 3' EWLL 16 1/2' NSLL	31' SNLL- 1' EWPL in ROW
303	012-0081-014	2779	17TH ST	RES	1"	1"	Rear	HYBRID	1) 30' NSLL - 20' SNLL - 6' WELL in box (5/2/06) 2) 4' WELL	224' SS Cb Markham way & 20' SNLL
304	012-0074-011	2780	17TH ST	RES	1"	1"	Rear	HYBRID	1' EWL Lot	187.6' NNPL 3rd Street
305	012-0081-013	2781	17TH ST	RES	1"	1"	Front/Side	HYBRID	5' WELL, 27' SNLL, 25'NSLL in S/P	26' SNLL, 183' NNC of 3rd Ave
306	012-0074-012	2782	17TH ST	RES	1"	1"	Front/Side	HYBRID	c/c 25' SNLL, 1' WEPL	164' NNPL 3rd ave
307	012-0081-012	2783	17TH ST	RES	1"	1"	Rear	HYBRID	5 1/2' WELL & 12' NSLL	
308	012-0074-013	2784	17TH ST	RES	1"	1"	Rear	HYBRID	2.5' E W Lot Line.	106.5' NN Cb of 3rd Ave 42' S of N Lot Line
309	012-0081-011	2785	17TH ST	RES	1"	1"	Rear	HYBRID	67 1/2' NNPL of 3rd Ave & 19' NSLL & 1' EWLL	
310	012-0074-014	2786	17TH ST	RES	1"	1"	Rear	HYBRID		
311	012-0081-010	2789	17TH ST	RES	3/4"	1"	Rear	HYBRID	12' SNLL & 4' WEPL of ROW	
312	012-0131-024	2821	17TH ST	RES	1"	1"	Front/Side	HYBRID		2' WELL- 1' NSLL in 2821 17th Street
313	012-0131-023	2825	17TH ST	RES	1"	1"		FYS RPL	15' NSLL & 7' EEC of 17th Street	

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
314	012-0124-007	2828	17TH ST	RES	1"	1"	Front/Side	HYBRID	2 1/2' S of main	41 1/2' WW Curb of 17th Street 10 1/2' EWPL of Lot
315	012-0132-001	2900	17TH ST	RES	1"	1"	Rear	HYBRID	50' SSC of 4th Ave- 6' NSLL- 1' EWLL	
316	012-0132-002	2908	17TH ST	RES	3/4"	1"	Rear	HYBRID	8' N of S Lot Line (Stop 1' W of Bldg)	81.5' WWCb of 17th Street
317	012-0134-002	2909	17TH ST	RES	3/4"	1"	Front/Side	HYBRID	87' EEC of 17th Street & on SPL	
318	012-0134-030	2917	17TH ST	RES	1"	1"	Rear	HYBRID	3' 4" S of 6" main in rt of Way	72' EE Cb L 17th Street
319	012-0132-003	2920	17TH ST	RES	1"	1"	Front/Side	HYBRID	94'6" WWC of 17th Street- 3' SNLL	4' NNLL
320	012-0134-029	2925	17TH ST	RES	1"	1"	Rear	HYBRID	3 1/2' SNLL & 7' WEPL 96 1/2' NNC of Vallejo	
321	012-0132-004	2926	17TH ST	RES	1"	1"	Front/Side	HYBRID	W Lot Line	18' S of N Lot Line & 2 5' W of W Lot Line
322	012-0134-028	2933	17TH ST	RES	1"	1"	Rear	HYBRID	4' W of EL Line	50' NNcb vallejo way on F. H branch
323	012-0221-002	2958	17TH ST	RES	1"	1"	Front/Side	HYBRID	1) 34' snll - on wpl row (2/26/07) 2) 4' nsll - 1' ewll in conc. c/s box (2/22/07) 3) 4' NSLL, 1' EWPL in stand pipe	1) 34' snll - 2' wwpl row (2/26/07) 2) 3' E of 6" main
324	012-0223-028	2959	17TH ST	RES	1"	1"	Front/Side	HYBRID	3' N of 6" main	114' EE Curb of 17th Street
325	012-0221-003	2966	17TH ST	RES	1"	1"	Rear	HYBRID	1) 39' EWLL - 4' NSLL (10/13/06) 2) 38' EWLL- 4' NSLL in stand pipe(inside rear of house)	
326	012-0223-027	2967	17TH ST	RES	1"	1"	Rear	HYBRID	3' N of 6" main	86 1/2' EE Curb of 17th Street
327	012-0221-004	2974	17TH ST	RES	1"	1"	Front/Side	HYBRID	2.5' SSSL	83.5' WW Curb of 17th Street
328	012-0223-026	2981	17TH ST	RES	1"	1"	Rear	HYBRID	2' WELL	28 1/2' NNcb, 5th ave on FH branch
329	012-0221-005	2982	17TH ST	RES	1"	1"	Front/Side	HYBRID	5' E of 6" main	201 1/2' SS Curb of vallejo way
330	012-0221-006	2990	17TH ST	RES	1"	1"	Rear	HYBRID	WP Line	237 1/2' SS Curb vallejo way
331	012-0223-025	2991	17TH ST	RES	1"	1"	Front/Side	HYBRID		
332	012-0221-007	2996	17TH ST	RES	1"	1"	Front/Side	HYBRID	11' NSLL & 1 1/2' EWLL of 17th Street	
333	012-0221-008	3006	17TH ST	RES	1"	1"	Rear	HYBRID	5' NSLL 1 1/2' EWLL	334' SSC of Vallejo Way
334	012-0224-001	3007	17TH ST	RES	1"	1"	Rear	HYBRID		
335	012-0221-009	3008	17TH ST	RES	1"	1"	Rear	HYBRID	5 1/2' E of 6" main	89' SS Cb 5th ave, 8' NSLL
336	012-0224-030	3017	17TH ST	RES	1"	1"	Front/Side	HYBRID	90' EEC of 17th Street & 3 1/2' NSLL	
337	012-0221-010	3020	17TH ST	RES	1"	1"	Front/Side	HYBRID	69' WWC of 17th Street 1' N of Main (in ROW)	
338	012-0224-029	3025	17TH ST	RES	1"	1"	Front/Side	HYBRID	1) 64' EEC of 17th St., 1' SNLL in c/s box (9/23/05) 2) 63'6" EECL of 17th on NLL	63'6" from EECL 17th Street
339	012-0221-011	3026	17TH ST	RES	1"	1"	Rear	HYBRID	On SLL of 3026 17th Street 2' EWLL of 3026 17th Street	On SLL of 3026 17th Street 2' WWLL of 3026 17th Street
340	012-0221-012	3030	17TH ST	RES	1"	1"	Front/Side	HYBRID	98' WWC of 17th Street & 1' SNLL	
341	012-0224-028	3041	17TH ST	RES	1"	1"	Rear	HYBRID	4 1/2' S of 6" main	132 1/2' EE Curb of 17th Street
342	012-0221-013	3046	17TH ST	RES	1"	1"	Rear	HYBRID	13' NSLL, 2' WWLL in school Ground	
343	012-0222-001	3050	17TH ST	RES	1"	1"	Front/Side	HYBRID	79' WWC of 17th Street in ROW	

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
344	012-0222-002	3058	17TH ST	RES	1"	1"	Rear	HYBRID	38' NSLL,28' SNLL & 2' EWPL ROW in S/P	
345	009-0267-008	0	18TH ST	PL	NA	NA		NONE		
346	010-0212-001	2505	18TH ST	COM	1"	1"	Front/Side	HYBRID	6' EEPL of 18th Street 51' NSLL of 2508 18th in Meter Box	
347	009-0305-036	2550	18TH ST	RES	1"	1"	Front/Side	HYBRID	6' SSC Burnett way- 1' EWLL	5' SSC Burnett way- 1' WWLL
348	009-0305-002	2558	18TH ST	RES	3/4"	1"	Front/Side	HYBRID	East Rt of Way	77' SSPL of Burnett way
349	009-0305-003	2566	18TH ST	RES	1"	1"	Rear	HYBRID	1) 8' NSLL, 2' EWLL in box (5/20/05) 2) 8' NSLL,8'EWLL in standpipe	117' SSPL of Burnett Wy
350	009-0305-004	2574	18TH ST	RES	1"	1"	Rear	HYBRID	23' SNLL- 16' NSLL -1' EWPL	25' SNLL- 14' NSLL- 2' WWPL
351	009-0305-005	2582	18TH ST	RES	3/4"	1"	Rear	HYBRID	East rt of Way	194' SSPL of Burnett way
352	009-0305-006	2590	18TH ST	RES	1"	1"	Front/Side	HYBRID	3' NSLL of 2590 - 18th Street - 2' WWLL	3'6" NSLL- 3' EWLL 2590 -18th Street
353	009-0305-007	2600	18TH ST	RES	3/4"	1"	Rear	HYBRID	East rt of Way	263' SSPL of Burnett way
354	009-0305-008	2604	18TH ST	RES	1"	1"	Rear	HYBRID	15' SNLL & 1' EWPL of 18th Street	
355	009-0305-009	2608	18TH ST	RES	1"	1"	Front/Side	HYBRID	17' SNLL, 4' EWPL in ROW	17' SNLL, on WPL
356	009-0305-010	2612	18TH ST	RES	1"	1"	Front/Side	HYBRID	14' SNLL - 26' NSLL- 3' EWPL	15' SNLL- 25' NSLL- 2' WWPL
357	009-0305-011	2616	18TH ST	RES	1"	1"	Front/Side	HYBRID	16' NSLL 3' EWPL in box	16' NSLL 2' WWPL
358	009-0305-012	2620	18TH ST	RES	1"	1"	Rear	HYBRID	59" East of main-4' EWLL	22' NSLL- 23' SNLL- 12' WWLL
359	009-0305-013	2624	18TH ST	RES	3/4"	1"	Front/Side	HYBRID	13' SNLL- 1' EWPL	
360	009-0305-014	2628	18TH ST	RES	1"	1"	Rear	HYBRID	24' SNLL- 16' SNLL- 2' EWPL in rt of Way in c/s box	25' NSLL -16' SNLL- 2' WEPL in Rt of Way
361	009-0305-015	2632	18TH ST	RES	3/4"	1"	Rear	HYBRID	12 1/2' SNPL of Lot & 2' EWPL of Lot	
362	009-0305-016	2636	18TH ST	RES	1"	1"	Rear	HYBRID	Same as Corp and 3'EWLL	26' SNLL- 15' NSLL at WLL
363	009-0305-017	2640	18TH ST	RES	1"	1"	Rear	HYBRID	10' SNLL & 38' NNC of larkin Way & 1' EWPL	10' SNLL & 38' NNC of larkin Way & 2' WWPL
364	009-0335-002	2650	18TH ST	RES	1"	1"	Rear	HYBRID	3' E of main	123' SS Curb of larkin way 5' NSPL of Lot
365	009-0335-003	2656	18TH ST	RES	1"	1"	Rear	HYBRID	4 1/2' NSLL - 4' EWLL	
366	009-0335-004	2662	18TH ST	RES	1"	1"	Rear	HYBRID	WPL of Lot	203 1/2' SS Curb of larkin Way 5' NSPL of Lot
367	009-0335-005	2664	18TH ST	RES	1"	1"	Rear	HYBRID	3' E of WLL	424' NNPL of 2nd Ave or 228'6" NN Curb of 2 nd Ave, 20' N of SLL
368	009-0335-006	2668	18TH ST	RES	1"	1"	Rear	HYBRID	2' E of main	11' SS Curb commercial way 18 1/2' NSPL Lot
369	009-0335-007	2672	18TH ST	RES	1"	1"	Rear	HYBRID	55' WWPL & 30' EWLL of 18th Street & on SPL of Alley	55' WWPL,30' EWLL of 18th Street
370	009-0335-008	2676	18TH ST	RES	1"	1"	Rear	HYBRID	3' E of main	92' NN Curb 2nd ave, 5' NSPL of Lot
371	010-0333-025	2679	18TH ST	RES	1"	1"	Front/Side	HYBRID	39' EEC 18th ST, 17' WELL, 3' SNLL in c/s box.	39' EEC 18th Street
372	009-0335-009	2680	18TH ST	RES	1"	1"	Rear	HYBRID	3 1/2' E of main	71' NN Curb of 2nd ave 19' SNPL of Lot
373	009-0335-010	2684	18TH ST	COM	3/4"	1"	Rear	HYBRID	East Line of rt of Way	38' NNPL 2nd Ave

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
374	012-0042-001	2700	18TH ST	RES	3/4"	1"	Front/Side	HYBRID	34'SSC of 2nd Ave 1'WWPL in backyard of 2701 Harkness in box.	34'SSC 2nd Ave -2' WWPL
375	012-0042-002	2704	18TH ST	RES	1"	1"	Rear	HYBRID	14' N of SLL @ WLL	
376	012-0042-003	2708	18TH ST	RES	3/4"	1"	Rear	HYBRID	19' SNLL- 4' EWLL	21' SNLL- 2' WWLL
377	012-0042-004	2712	18TH ST	RES	3/4"	1"	Rear	HYBRID	24' SNLL & WPL of 2712 18th Street	
378	012-0042-005	2716	18TH ST	RES	1"	1"	Rear	HYBRID	17.5' NSLL or 22.5' SNLL 1.5' WWPL	19' NSLL or 21' SNLL 3.5' EWPL
379	012-0042-006	2720	18TH ST	RES	1"	1"	Front/Side	HYBRID	19' NSLL, 2' EWPL	19' NSLL, 2' EWPL of Lot
380	012-0042-007	2724	18TH ST	RES	1"	1"	Rear	HYBRID	5' EWP Lot Line 1' cc 22' SNLL & 4' EWLL	187' NN Cb Caramay way
381	012-0042-008	2728	18TH ST	RES	1"	1"	Rear	HYBRID	2' EWLL Lot Line	157.5' NNcb caramay way 10' SN Lot Line
382	012-0042-009	2732	18TH ST	RES	1"	1"	Front/Side	HYBRID	W Lot Line	105' N of N Cb caramay way & 24' S of N Lot Line
383	012-0042-010	2736	18TH ST	RES	1"	1"	Rear	HYBRID	16' NSLL 3' EWPL	
384	012-0042-011	2740	18TH ST	RES	1"	1"	Rear	HYBRID	48' SSC of markham way & 15' NSPL of Lot	
385	012-0082-001	2760	18TH ST	RES	1"	1"	Front/Side	HYBRID	1.5' E W Lot Line	48.5' SS Cb markham way
386	012-0082-002	2764	18TH ST	RES	1"	1"	Rear	HYBRID	3 1/2' N of 6" main	71' SS Curb of Markham way
387	012-0082-003	2768	18TH ST	RES	1"	1"	Rear	HYBRID	2' East of main	118' SS Curb Markham way
388	012-0083-016	2771	18TH ST	RES	1"	1"	Rear	HYBRID	56' E of E Curb of Markham way - 103' WELL- 3' 6" SNLL	102' WELL
389	012-0082-004	2772	18TH ST	RES	1"	1"	Front/Side	HYBRID	22' NSLL 2' EWLL	
390	012-0083-015	2775	18TH ST	RES	1"	1"	Rear	HYBRID	7' NSLL & 4' WELL	5' W 6" of main
391	012-0082-005	2776	18TH ST	RES	1"	1"	Rear	HYBRID	4' NSLL- 2' EWLL	
392	012-0083-014	2779	18TH ST	RES	3/4"	1"	Rear	HYBRID	1) C/S #1 9' NSPL, 1' WELL IN BOX (6/17/06) C/S #2 10' NSPL, 1' WELL IN BOX (6/17/06) 2) 1"- 8' NSLL @ ELL	
393	012-0082-006	2782	18TH ST	RES	1"	1"	Rear	HYBRID	2' EWL Line	203' NN Cb Line 3rd Ave is 3' NSL Line
394	012-0083-013	2785	18TH ST	RES	3/4"	1"	Front/Side	HYBRID	19'6" SNLL - 1' WEPL in ROW in c/s box	
395	012-0082-007	2786	18TH ST	RES	1"	1"	Front/Side	HYBRID	121'6" NNC of 3rd Ave, 8' NSLL, 6' EWLL	121'6" NNC of 3rd Ave
396	012-0082-008	2792	18TH ST	RES	1"	1"	Front/Side	HYBRID	4 1/2' E of 6" main	43' NN Cb of 3rd ave, 18' SNLL
397	012-0131-008	2800	18TH ST	RES	3/4"	1"	Rear	HYBRID	30' SSC of 3rd Av, 24' NSPL Lot & 1' EWPL in box	
398	012-0131-009	2816	18TH ST	RES	1"	1"	Rear	HYBRID	24' NSLL 3' EWPL in stand pipe	
399	012-0131-010	2824	18TH ST	RES	1"	1"	Front/Side	HYBRID	65 1/2' WWC of 18th- 2' NSLL	
400	012-0131-011	2870	18TH ST	RES	1"	1"	Front/Side	HYBRID	1) 74' WWC of 18th St, 5' SNLL in box (11/2/05)	
401	012-0131-013	2880	18TH ST	RES	1"	1"	Front/Side	HYBRID	130' NNC o/4th Ave - 37' WWC o/18th St	135' NNC of 4th Avenue -37' WWC of 18th Street

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
402	012-0131-012	80	18TH ST	DWY	NA	NA		NONE		
403	012-0083-002	2768	19TH ST	RES	1"	1"	Front/Side	HYBRID	79' WWC of 19th St, 1' SNLL	
404	012-0083-003	2774	19TH ST	RES	1"	1"	Rear	HYBRID	8' EWLL & 5' NSLL of 2774 - 19th Street	
405	012-0084-021	2775	19TH ST	RES	3/4"	1"	Front/Side	HYBRID	1' EEPL of 19th Street & 1' SNPL	
406	012-0083-004	2778	19TH ST	RES	1"	1"	Rear	HYBRID	18' NSLL - 9' EWLL	
407	012-0083-005	2784	19TH ST	RES	1"	1"	Front/Side	HYBRID	20' SNLL, 9' EWLL	
408	012-0084-020	2785	19TH ST	RES	1"	1"	Rear	HYBRID		
409	012-0084-019	2785	19TH ST	RES	1"	1"	Rear	HYBRID	1' NSLL 82' EEC of 19th Ave	
410	012-0084-018	2787	19TH ST	RES	1"	1"	Rear	HYBRID	5' SNLL	56' EECb. 19th Street
411	012-0083-006	2796	19TH ST	RES	1"	1"	Front/Side	HYBRID	1' SNPL - 1' EWLL in C/S Box	55' WWC of 19th Street
412	012-0084-017	2799	19TH ST	RES	1"	1"	Rear	HYBRID	52 1/2' NNLL, 3' WELL & 5' SNLL	52 1/2' NNLL & 3' WELL & 5' SNLL
413	012-0133-006	2800	19TH ST	RES	1"	1"	Front/Side	HYBRID	26 1/2' WWC of 19th Street, 3' NSLL	
414	012-0141-001	2801	19TH ST	RES	1"	1"	Front/Side	HYBRID	45' EEC of 19th Street & 1' NSLL	
415	012-0231-001	2951	19TH ST	RES	1"	1"	Rear	HYBRID	6' N of SLL _ 30' E of WPL of 19th Street, 22' W of ELL	3' N of SLL
416	012-0223-013	2960	19TH ST	RES	1"	1"	Rear	HYBRID		
417	012-0223-014	2974	19TH ST	RES	1"	1"	Front/Side	HYBRID	Same as corp cock - 4' NSLL	37' WWPL 19th Street 51' WWC 19th Street
418	012-0223-015	2986	19TH ST	RES	1"	1"	Rear	HYBRID	94' WWC of 19th Street / 2' South of Main	79' WWPL of 19th Street
419	012-0224-016	3032	19TH ST	RES	1"	1"	Front/Side	HYBRID		
420	009-0291-044	1233	1ST AV	RES	1"	1"	Rear	HYBRID	80' SSC of 1st, 4' EWLL	
421	009-0292-002	1238	1ST AV	RES	1"	1"	Rear	HYBRID		
422	009-0292-003	1240	1ST AV	RES	1"	1"	Rear	HYBRID	5' EWLL, 3' NSLL	
423	009-0291-043	1241	1ST AV	RES	1"	1"	Rear	HYBRID	4' EWLL, 2' SNLL	
424	009-0292-011	1300	1ST AV	RES	1"	1"	Rear	HYBRID	126' WWC of 13th	
425	009-0291-042	1301	1ST AV	RES	1"	1"	Rear	HYBRID	7' EWLL, 3' S of Main, 144' WWC of 13th	
426	009-0291-041	1305	1ST AV	RES	1"	1"	Front/Side	HYBRID	12 1/2' EWLL, 7' SNLL	
427	009-0292-012	1306	1ST AV	RES	1"	1"	Front/Side	HYBRID	14' WELL, 2' NSLL (S/P)	
428	009-0291-040	1309	1ST AV	RES	1"	1"	Rear	HYBRID	20' EWLL, 2' SNLL	
429	009-0291-039	1313	1ST AV	RES	1"	1"	Rear	HYBRID	19 1/2' EWLL, 3' SNLL	
430	009-0291-038	1317	1ST AV	RES	1"	1"	Front/Side	HYBRID	12 1/2' EWPL of lot, 34 1/2' WWC of 13th, 2 1/2' S. of Main	
431	009-0291-037	1321	1ST AV	RES	1"	1"	Front/Side	HYBRID	1' WELL, 41' SNLL.	
432	009-0291-036	1325	1ST AV	RES	1"	1"	Rear	HYBRID	37' NSC of 1st, 43' WWC of 14th	9' EWLL, 7' SSC
433	010-0272-001	1800	1ST AV	RES	1"	1"	Front/Side	HYBRID	13' WELL, 2' NSLL	
434	010-0271-018	1801	1ST AV	RES	3/4"	1"	Rear	HYBRID	1) 8' WELL - 1 1/2' SNLL in box (8/22/06) 2) 35' EEPL of 18th, S. ROW	
435	010-0272-002	1804	1ST AV	RES	3/4"	1"	Rear	HYBRID	64' EEPL of 18th, N. ROW	
436	010-0271-017	1805	1ST AV	RES	3/4"	1"	Rear	HYBRID	43' EEPL of 18th, S ROW	
437	010-0272-003	1808	1ST AV	RES	1"	1"	Front/Side	HYBRID	38' WELL, 5' NSLL	
438	010-0271-016	1809	1ST AV	RES	3/4"	1"	Front/Side	HYBRID	19' WELL, @ NLL	
439	010-0272-004	1812	1ST AV	RES	3/4"	1"	Rear	HYBRID	11' EWLL, 5.5' NSPL in ROW in SP	10' EWLL, 1'NSPL

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
440	010-0271-015	1813	1ST AV	RES	3/4"	1"	Front/Side	HYBRID	144' EEPL of 18th, S. ROW	
441	010-0272-005	1816	1ST AV	RES	1"	1"	Rear	HYBRID	8' EWLL, 37' WELL, @ SLL	
442	010-0271-014	1817	1ST AV	RES	1"	1"	Front/Side	HYBRID	22 1/2' WELL, 3' SNPL of Lot	
443	010-0272-006	1820	1ST AV	RES	1"	1"	Rear	HYBRID	1) 12' WELL ON SLL (4/22/07) 2)24' WELL, 21' EWLL, 2 1/2' N of Main @ SLL	2' SSLL
444	010-0271-013	1821	1ST AV	RES	3/4"	1"	Rear	HYBRID	22' WELL, 1' SNLL (S/P)	22' WELL, 1 1/2' NNLL
445	010-0272-007	1824	1ST AV	RES	1"	1"	Front/Side	HYBRID	31 1/2' EWLL, 13 1/2' WELL, 2' NSPL	
446	010-0271-012	1825	1ST AV	RES	1"	1"	Front/Side	HYBRID	2' WELL, 48' EWLL, 3' SNLL	Same & 2' NNLL
447	010-0272-008	1828	1ST AV	RES	1"	1"	Rear	HYBRID	12' EWLL, 33' WELL, 6" SSPL	Same & 1' SSPL
448	010-0271-011	1829	1ST AV	RES	1"	1"	Rear	HYBRID	2' EWLL @ NLL	
449	010-0271-010	1833	1ST AV	RES	1"	1"	Front/Side	HYBRID	26' WEPL of Lot, 2 1/2' SNLL	3' NNLL, 26' WEPL
450	010-0272-009	1834	1ST AV	RES	1"	1"	Rear	HYBRID	19' EWLL, 1' NSPL	
451	012-0021-002	1124	2ND AV	RES	2"	2"	Rear	STD	133' NNC of L Street 1' WEPL of Alley	
452	012-0021-003	1130	2ND AV	RES	2"	2"	Rear	STD	70' NNPL of L Street & 1' EEPL of Alley	
453	012-0021-004	1140	2ND AV	RES	1"	1"	Rear	HYBRID	18' EWLL, 6' NSLL in s/p	
454	009-0321-043	1145	2ND AV	RES	1"	1"	Front/Side	HYBRID	8' EWLL, 50' WELL, 3 1/2' SNLL 1 1/2" Tap in Rear of 1151 2nd Ave :2' EWLL, 6' SNPL	
455	012-0021-005	1148	2ND AV	RES	1"	1"	Rear	HYBRID	13' EWLL, 4' NSLL	
456	009-0321-037	1151	2ND AV	RES	1"	1"	Rear	HYBRID		
457	012-0021-006	1156	2ND AV	RES	1"	1"	Rear	HYBRID	8' EWLL, 49' WELL, 7' SNPL of ROW	Same & 2' SNPL of ROW
458	009-0321-036	1157	2ND AV	RES	1"	1"	Rear	HYBRID	8 1/2' SNPL, 3 1/2' EWLL	
459	009-0321-035	1165	2ND AV	RES	1"	1"	Rear	HYBRID	7' EWLL, 10' SNLL in ROW in S/P	219'W of 6" valve btwn 13th & 13th Sts-7'EWLL
460	012-0021-007	1170	2ND AV	RES	1"	1"	Rear	HYBRID	1) 9' EWLL, 4' NSLL ROW in s/p (2/27/06) 2) 10' EWLL, 5' NSLL in c/s s/p in ROW (2/26/06) 3) 9 1/2' EWLL, 4 1/2' NSLL	
461	009-0321-034	1173	2ND AV	RES	1"	1"	Rear	HYBRID	2' EWLL, 12'SNPL in Box.	
462	009-0321-033	1201	2ND AV	RES	1 1/2"	1 1/2"	Front/Side	STD	39' SSC of L Street 3' EEC of 2nd Street	
463	009-0321-032	1215	2ND AV	RES	3/4"	1"	Rear	HYBRID	42' EEC of 2nd Street & 12' SNPL of Alley	
464	009-0321-031	1231	2ND AV	RES	1"	1"	Rear	HYBRID	1) 9' well - 2' snll in box (5/24/07) 2) 10' WELL, 80' WWC o/13th, 3' SNPL S o/Main, 1' SNLL in S/P	
465	012-0024-001	1348	2ND AV	RES	1"	1"	Front/Side	HYBRID	1' EWLL, 11 1/2' NSLL, in Standpipe	
466	012-0041-022	1702	2ND AV	RES	1"	1"	Rear	HYBRID	34 1/2' SSC of 2nd, 31' SSPL of 2nd 3' W of Main	
467	012-0043-001	1800	2ND AV	RES	3/4"	1"	Rear	HYBRID	11' WEPL of Lot, 3 1/2' N of Main, 31 1/2' EEPL of 18th	
468	010-0333-024	1801	2ND AV	RES	1"	1"	Front/Side	HYBRID	1'WEPL, 1' SNLL of 2679 18th Av in box	

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
469	012-0043-002	1804	2ND AV	RES	1"	1"	Rear	HYBRID		
470	010-0333-023	1805	2ND AV	RES	1"	1"	Rear	HYBRID	25' WEPL of Lot on NPL of Lot	
471	012-0043-003	1808	2ND AV	RES	1"	1"	Front/Side	HYBRID	31' WELL, 9' EWLL, 5' NSPL	30' WELL, 10' EWLL, 2 1/2' NSPL
472	010-0333-022	1809	2ND AV	RES	1"	1"	Rear	HYBRID	14 1/2' EWLL, 25 1/2' WELL, 1' SNPL, 1.5' SSC of 2nd Av in box	Same & 3' NNPL
473	012-0043-004	1812	2ND AV	RES	3/4"	1"	Rear	HYBRID	16' WELL, 25' EWLL, 5' NSLL	
474	010-0333-021	1815	2ND AV	RES	3/4"	1"	Rear	HYBRID	148' EEPL of 18th on S. Line of ROW	
475	012-0043-005	1816	2ND AV	RES	3/4"	1"	Rear	HYBRID	25' WELL, 15' EWLL, N. ROW	
476	010-0333-020	1817	2ND AV	RES	3/4"	1"	Rear	HYBRID	188' EEPL of 18th or S. Line of ROW	
477	012-0043-006	1820	2ND AV	RES	3/4"	1"	Front/Side	HYBRID	221' EEPL of 18th, N. ROW	
478	010-0333-019	1821	2ND AV	RES	3/4"	1"	Rear	HYBRID	38' EWLL, 9' WELL, S. ROW (Under Cement)	
479	010-0333-018	1823	2ND AV	RES	1"	1"	Rear	HYBRID		
480	012-0043-007	1824	2ND AV	RES	3/4"	1"	Rear	HYBRID	304' WWPL of Freeport, N. ROW	
481	010-0333-017	1827	2ND AV	RES	1"	1"	Rear	HYBRID	210' WWC of Freeport, 6' S. of Main	
482	012-0043-008	1828	2ND AV	RES	3/4"	1"	Rear	HYBRID	19' EWLL 6' NSLL	19' EWLL, 2' NSLL
483	012-0043-009	1832	2ND AV	RES	3/4"	1"	Front/Side	HYBRID	W.V. Loc: 22' WELL, 4' NSLL in S/P	
484	010-0333-016	1833	2ND AV	RES	3/4"	1"	Rear	HYBRID	20' EWLL, 1 1/2' SNPL	
485	012-0043-010	1836	2ND AV	RES	1"	1"	Rear	HYBRID	21 1/2' EWLL, 4 1/2' NSPL	Same & 2' NSPL
486	010-0333-015	1837	2ND AV	RES	3/4"	1"	Front/Side	HYBRID	23' EWLL, 22' WELL, 2' SNLL	
487	012-0043-011	1840	2ND AV	RES	3/4"	1"	Front/Side	HYBRID	23' WELL, 22' EWLL, 4 1/2' NSLL in S/P	
488	010-0333-014	1841	2ND AV	RES	1"	1"	Rear	HYBRID	28' EWLL @ NLL	
489	010-0333-013	1843	2ND AV	RES	1"	1"	Rear	HYBRID		
490	012-0043-012	1844	2ND AV	RES	3/4"	1"	Rear	HYBRID	20' EWLL, 8' NSPL of ROW in S/P	
491	012-0124-001	1600	3RD AV	RES	1 1/2"	1 1/2"	Rear	STD	186' SNC P street - 5' WWC 3rd street	
492	012-0074-016	1601	3RD AV	RES	1"	1"	Front/Side	HYBRID	5 1/2' WELL, 22 1/2' NNPL of 3rd	
493	012-0124-002	1604	3RD AV	RES	1"	1"	Front/Side	HYBRID	9 1/2' EWLL, 8' NSLL	
494	012-0124-003	1608	3RD AV	RES	1"	1"	Rear	HYBRID	2' WELL, 53' SSC of 3rd	
495	012-0124-004	1612	3RD AV	RES	1"	1"	Rear	HYBRID	28' EWLL, 4' NSLL	
496	012-0124-005	1616	3RD AV	RES	1"	1"	Rear	HYBRID	71 1/2' WWPL of 3rd Street & on SPL of Alley	
497	012-0124-006	1620	3RD AV	RES	1"	1"	Rear	HYBRID	73' WWPL of 3rd Street	
498	012-0074-015	1621	3RD AV	RES	1"	1"	Front/Side	HYBRID		
499	012-0131-001	1700	3RD AV	RES	1"	1"	Rear	HYBRID	42 1/2' EEPL of 17th, 1' EELL, 4' NSPL	On SPL on ELL, 42 1/2' EEPL of 17th
500	012-0131-002	1708	3RD AV	RES	1 1/2"	1 1/2"	Front/Side	STD	1) 39' well - 5' nsll (3/23/07) 2) 13' ewll - 5' nsll in box (3/29/07)	
501	012-0131-003	1714	3RD AV	RES	1"	1"	Rear	HYBRID	27' EWLL, 6' NSLL	
502	012-0131-004	1720	3RD AV	RES	1"	1"	Front/Side	HYBRID	19' EWLL on SLL	
503	012-0131-005	1726	3RD AV	RES	1"	1"	Rear	HYBRID	5' NSPL, 18' EWLL, 33' WELL	33' WELL, 18' EWLL, 1 1/2' NSPL
504	012-0131-006	1732	3RD AV	RES	1"	1"	Rear	HYBRID	225' WWC of 18th, 5' N of Main	

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
505	012-0131-025	1738	3RD AV	RES	1"	1"	Front/Side	HYBRID	1) 3' EWLL, 112' SSC O/2816 18TH ST (11/22/06) 2) 48' EWLL, 5' WELL, 19' NSLL (08/30/05) 3) 138' SSC of 3rd, 3' W of Main	2' WELL, 115' SSC O/1738 3RD AVE (11/28/06)
506	012-0082-019	1797	3RD AV	RES	1"	1"	Front/Side	HYBRID	23' SNLL - 4' EWLL in Standpipe	
507	012-0133-001	1800	3RD AV	RES	1"	1"	Rear	HYBRID	20' WELL, 4 1/2' NSPL of ROW	20' WELL, 3' NSPL of ROW
508	012-0083-025	1801	3RD AV	RES	3/4"	1"	Front/Side	HYBRID	3' SNLL, 94' EEC of 18th	6' WELL on NLL
509	012-0083-024	1811	3RD AV	RES	3/4"	1"	Rear	HYBRID	4' EWLL, 4' NSLL, 91' EEC of 18th	
510	012-0133-002	1814	3RD AV	RES	1"	1"	Front/Side	HYBRID	6' EWLL, 1 1/2' NSPL	
511	012-0133-003	1824	3RD AV	RES	1"	1"	Rear	HYBRID	19 1/2' EWPL of 3rd Street	
512	012-0083-010	1825	3RD AV	RES	1"	1"	Rear	HYBRID	81' EEPL of 3rd Street, on SPL of Alley	
513	012-0133-004	1832	3RD AV	RES	1"	1"	Front/Side	HYBRID	160' WWPL of 19th @ SLL	
514	012-0083-009	1833	3RD AV	RES	3/4"	1"	Rear	HYBRID	27 1/2' EWLL, 4' SNLL	
515	012-0133-005	1840	3RD AV	RES	1"	1"	Rear	HYBRID	13' EWLL, 1' NSPL in box	13' EWLL, 4' SSPL
516	012-0083-008	1841	3RD AV	RES	1"	1"	Rear	HYBRID	18' WELL, 3' SNLL	3' S of 6" Main
517	012-0083-007	1853	3RD AV	RES	1"	1"	Front/Side	HYBRID	17' WEPL of Lot on NPL of Lot	59' WWPL of 19th
518	012-0141-002	1910	3RD AV	RES	1"	1"	Rear	HYBRID	3' EWLL, 6" SLL	
519	012-0141-003	1916	3RD AV	RES	3/4"	1"	Rear	HYBRID	109' EEC of 19th, 2' N of Main	
520	012-0084-016	1917	3RD AV	RES	1"	1"	Rear	HYBRID	4' EWLL, 7' SNLL in S/P	
521	012-0084-015	1923	3RD AV	RES	3/4"	1"	Rear	HYBRID	10' EWLL, 48' SNLL	
522	012-0084-014	1925	3RD AV	RES	1"	1"	Front/Side	HYBRID	14' WELL - 5' SNLL in ROW of 1916-1924 3rd Ave	162' EEC of 19th Street
523	012-0141-004	1932	3RD AV	RES	1"	1"	Front/Side	HYBRID	1) 4 1/2' WELL, 1' NSPL in standpipe(5/27/06) 2) 5' EWPL - 1' NSLL in box (5/24/06) 3) 5'WELL, 3' N of Main, 210' EEC of 19th	
524	012-0141-005	1940	3RD AV	RES	1"	1"	Front/Side	HYBRID	8' WELL 1' NSLL	3' N of 6" Main
525	012-0084-013	1941	3RD AV	RES	1"	1"	Rear	HYBRID	17' EWLL, 46 1/2' SNLL, 203' WWPL of Freeport	46' SNLL
526	012-0084-012	1949	3RD AV	RES	1"	1"	Rear	HYBRID	231' WWC of Freeport, 11' EWPL of Lot	2' South of Main
527	012-0141-006	1954	3RD AV	RES	1"	1"	Front/Side	HYBRID	19' WELL, 19' EWLL, 1' NSPL in Box	19' WELL, 20' EWLL, 3' SSPL of 1954 3rd Av
528	012-0141-007	1956	3RD AV	RES	1"	1"	Rear	HYBRID	13' WELL, 2' NSPL	3' SSPL
529	012-0084-011	1957	3RD AV	RES	1"	1"	Rear	HYBRID	195 1/2' WWC of Freeport, S of Main 3-6" SNPL, 5' EWLL in C/S Box	
530	012-0141-008	1964	3RD AV	RES	3/4"	1"	Front/Side	HYBRID	28 1/2' EWLL, 18" NSLL	
531	012-0084-010	1965	3RD AV	RES	3/4"	1"	Rear	HYBRID	74' WWPL of Freeport @ ROW	
532	012-0141-009	1972	3RD AV	RES	1"	1"	Front/Side	HYBRID	4' WEPL of Lot, 3' N of Main 102' WWPL of Freeport	
533	012-0084-009	1975	3RD AV	RES	1"	1"	Rear	HYBRID	1' EWLL @ NLL	

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534	012-0141-010	1980	3RD AV	RES	1"	1"	Rear	HYBRID	2'NSPL of Lot, 91' WWC of Freeport, 53' SSC of 3rd	
535	012-0141-025	0	4TH AV	VAC	1"	1"	Rear	HYBRID		
536	012-0124-012	0	4TH AV	RES	1"	1"	Rear	HYBRID		
537	012-0125-001	1600	4TH AV	RES	1"	1"	Rear	HYBRID	27 1/2' EEPL of 16th, 6 1/2' NSLL	
538	012-0125-002	1604	4TH AV	RES	1"	1"	Rear	HYBRID	0.5' SS Curb of Alley	6' WW Curb of 4th Street
539	012-0124-011	1605	4TH AV	RES	1 1/2"	1 1/2"	Rear	STD	63' EEC of Marty, 7' S of Main	
540	012-0125-003	1608	4TH AV	RES	1"	1"	Rear	HYBRID	0.5' SS Curb of Alley	7' WW Curb of 4th Street
541	012-0124-010	1609	4TH AV	RES	1"	1"	Rear	HYBRID	4 1/2' EWPL of Lot, 3 1/2' S of Main, 110' EEC of Marty	
542	012-0125-004	1612	4TH AV	RES	1"	1"	Rear	HYBRID	20 1/2' EWLL, 3' N of Main in ROW	
543	012-0124-009	1613	4TH AV	RES	1"	1"	Front/Side	HYBRID	15' EWLL @ NPL	
544	012-0125-005	1616	4TH AV	RES	1"	1"	Front/Side	HYBRID	26' WELL, 5 1/2' NSLL	
545	012-0124-008	1617	4TH AV	RES	1"	1"	Rear	HYBRID	1) 10' EWLL 4' SNPL 2) 7' EWLL, 2' SNLL	
546	012-0125-006	1620	4TH AV	RES	3/4"	1"	Rear	HYBRID	(1) 29' WELL, 2' N of Main (2) 30' WELL, 2' N of Main	
547	012-0134-001	1700	4TH AV	RES	1"	1"	Front/Side	HYBRID	3' WEPL, 26'6" SSC of 4th Ave in S/P	
548	012-0131-022	1701	4TH AV	RES	1"	1"		FYS RPL	33' SSPL of Q Street 2' EEC 4th Street	
549	012-0131-021	1703	4TH AV	RES	1"	1"	Rear	HYBRID	120' EEPL of 17th, South Line of ROW	
550	012-0131-020	1705	4TH AV	RES	1"	1"	Front/Side	HYBRID	15' EWLL, 5 1/2' SNLL	
551	012-0131-019	1709	4TH AV	RES	1"	1"	Front/Side	HYBRID	15' EWLL - 4' SNLL in Box	16' EWLL, 2' SNLL
552	012-0131-018	1717	4TH AV	RES	1"	1"	Front/Side	HYBRID	10' EWLL, 1' SNLL	
553	012-0134-003	1724	4TH AV	RES	1"	1"	Rear	HYBRID	19' EWLL, 4' NSLL	
554	012-0131-017	1725	4TH AV	RES	1"	1"	Rear	HYBRID	W.V. Loc: 7' EWLL, 3' SNPL	
555	012-0134-004	1732	4TH AV	RES	3/4"	1"	Rear	HYBRID	200' EEPL of 17th, North Line of ROW	
556	012-0131-027	1733	4TH AV	RES	1"	1"	Rear	HYBRID	5' WELL @ NLL	
557	012-0134-005	1740	4TH AV	RES	1"	1"	Front/Side	HYBRID	5' NSLL, 16' EWLL	16' EWLL, 4' NSLL
558	012-0131-015	1741	4TH AV	RES	1"	1"	Rear	HYBRID	7' EWLL 11' SNPL in S/P	
559	012-0134-006	1748	4TH AV	RES	1"	1"	Rear	HYBRID	115' WWPL of 18th	
560	012-0131-014	1755	4TH AV	RES	1"	1"	Front/Side	HYBRID	54' WWC o/18th - 3' SNLL o/2870 18th St in S/P	
561	012-0134-007	1756	4TH AV	RES	1"	1"	Rear	HYBRID	22' WELL, 6' NSLL	
562	012-0134-008	1764	4TH AV	RES	1"	1"	Rear	HYBRID	7 1/2' EWLL, 2' NSLL, 4' WEC of 18th	
563	012-0134-009	1800	4TH AV	RES	1"	1"	Rear	HYBRID	18' WELL, 5' NSPL	
564	012-0133-013	1801	4TH AV	RES	1"	1"	Rear	HYBRID	1) 11' EWLL on SPL of 1800 3rd ave in standpipe(5/27/06) 2) 43' EEC of 18th, @ NLL, 3' S of Main	
565	012-0133-012	1809	4TH AV	RES	3/4"	1"	Rear	HYBRID	68' EEC of 18th, 2' S of Main	22' EWLL, 2' NNPL
566	012-0134-010	1810	4TH AV	RES	1"	1"	Rear	HYBRID	21' WELL, 2' NSLL	
567	012-0133-011	1817	4TH AV	RES	1"	1"	Rear	HYBRID	8' WELL, 4' SNLL	
568	012-0134-011	1822	4TH AV	RES	1"	1"	Rear	HYBRID	7 1/2' EWLL, 4' NSLL	

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
569	012-0134-012	1832	4TH AV	RES	1"	1"	Rear	HYBRID	7' EWLL, 3' NSPL	
570	012-0133-010	1833	4TH AV	RES	1"	1"	Rear	HYBRID	33' WELL, 5 1/2' SNLL	
571	012-0134-013	1840	4TH AV	RES	1"	1"	Rear	HYBRID	10' EWLL, 3' NSLL	
572	012-0133-009	1841	4TH AV	RES	1"	1"	Rear	HYBRID	27' WELL, 7 1/2' SNLL in Standpipe	
573	012-0134-014	1848	4TH AV	RES	1"	1"	Rear	HYBRID	92' WWC of 19th, 3 1/2' N of Main	
574	012-0133-008	1849	4TH AV	RES	1"	1"	Front/Side	HYBRID	88' WWC of 19th, 3' S of Main	
575	012-0133-007	1857	4TH AV	RES	1"	1"	Rear	HYBRID	10' EWLL, 6 1/2' SNLL	
576	012-0134-015	1862	4TH AV	RES	3/4"	1"	Front/Side	HYBRID	25' WWC of 19th, 2' N of Main	
577	012-0142-001	1900	4TH AV	RES	1 1/2"	1 1/2"	Rear	STD	2' 1900 4th Street 104' SSC of T Street	8' EWC of 1900 4th Street 104' SSC of T Street
578	012-0142-002	1908	4TH AV	RES	1"	1"	Rear	HYBRID	24 1/2' EWLL, 3' N of Main, 90' EEC of 19th	
579	012-0141-024	1909	4TH AV	RES	1"	1"	Rear	HYBRID	29' WELL, 6' SNLL	3' SNLL
580	012-0142-003	1916	4TH AV	RES	1"	1"	Rear	HYBRID	19' EWLL, 21' WELL, 2' NSPL	
581	012-0141-023	1917	4TH AV	RES	1"	1"	Rear	HYBRID	20' EWLL, 4' S of Main, 115' EEC of 19th	
582	012-0142-004	1924	4TH AV	RES	1"	1"	Rear	HYBRID	23' EWLL in ROW, 3' N of Main	
583	012-0141-022	1925	4TH AV	RES	1"	1"	Rear	HYBRID	7 1/2' EWLL, 4' SNLL	
584	012-0142-005	1932	4TH AV	RES	1"	1"	Rear	HYBRID	25 1/2' EWLL, 1' NSLL	
585	012-0141-021	1933	4TH AV	RES	3/4"	1"	Rear	HYBRID	190' EEC of 19th, 2' S of Main	
586	012-0142-006	1940	4TH AV	RES	1"	1"	Rear	HYBRID	35' EWLL, 3' N of Main, 260' EEC of 19th	
587	012-0141-020	1941	4TH AV	RES	1"	1"	Rear	HYBRID	13 1/2' WEPL of Lot, 3 1/2' N of Main, 242 1/2' EEC of 19th	
588	012-0142-007	1948	4TH AV	RES	1"	1"	Rear	HYBRID	21' WELL, 3' N of Main, 285' EEC of 19th	
589	012-0141-019	1949	4TH AV	RES	1"	1"	Front/Side	HYBRID	33 1/2' WEPL, 6' SNPL	
590	012-0142-008	1956	4TH AV	RES	3/4"	1"	Rear	HYBRID	8' EWLL, 1' NSPL	
591	012-0141-018	1963	4TH AV	RES	1"	1"	Rear	HYBRID	20' EWLL - 7' SNLL	
592	012-0142-009	1964	4TH AV	RES	1"	1"	Front/Side	HYBRID	2' NSPL, 11' EWLL	
593	012-0141-017	1973	4TH AV	RES	1"	1"	Rear	HYBRID	15' EWLL - 6 1/2' SNLL	
594	012-0142-010	1974	4TH AV	RES	3/4"	1"	Rear	HYBRID	4' WELL, 18" NSPL	
595	012-0141-016	1981	4TH AV	RES	1"	1"	Rear	HYBRID	150' WWC of Freeport, 4' W of Main	
596	012-0141-015	1985	4TH AV	RES	1"	1"	Rear	HYBRID	24' WELL, 3' S of Main, 102 1/2' WWC of Freeport	
597	012-0141-014	1989	4TH AV	RES	3/4"	1"	Rear	HYBRID	14' EWLL, 2' SNLL	
598	012-0054-017	2001	4TH AV	COM	1 1/2"	1 1/2"	Front/Side	CWS RPL	8' EEC of Freeport, 6' SNLL (In Meter Box)	
599	012-0142-011	2004	4TH AV	RES	3/4"	1"	Rear	HYBRID	8' WELL, 30' EWLL, 12' NSLL	
600	012-0142-012	2014	4TH AV	RES	1"	1"	Front/Side	HYBRID	25' EWLL - 20' WELL - 3 1/2' NSLL in SP (7/24/06)	
601	012-0142-013	2016	4TH AV	RES	1"	1"	Front/Side	HYBRID	17'EWLL, 16'WELL, 4'NSLL in c/s box	15'WELL, 2'SSPL
602	012-0142-014	2030	4TH AV	RES	3/4"	1"	Rear	HYBRID	239' WWC of Freeport, 2' N of ROW	
603	012-0142-015	2032	4TH AV	RES	1"	1"	Rear	HYBRID	12' EWLL on SPL	
604	012-0232-011	0	5TH AV	RES	1"	1"	Rear	HYBRID		
605	012-0224-002	1716	5TH AV	RES	1"	1"	Rear	HYBRID	28' EWLL - 5' NSLL	

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
606	012-0223-024	1723	5TH AV	RES	1"	1"	Rear	HYBRID	39' WELL, 4' NSLL in c/s box	39' WELL, @ NLL
607	012-0224-003	1730	5TH AV	RES	1"	1"	Rear	HYBRID	3' NSLL - 25' EWLL 30" Standpipe	
608	012-0223-023	1733	5TH AV	RES	1"	1"	Rear	HYBRID	30' WELL, 4 1/2' NSLL (In ROW)	
609	012-0224-004	1740	5TH AV	RES	1"	1"	Rear	HYBRID	35' EWLL, 4' NSPL	
610	012-0223-022	1741	5TH AV	RES	1"	1"	Rear	HYBRID	3' SNPL, 17' EWLL	
611	012-0224-005	1754	5TH AV	RES	1"	1"	Rear	HYBRID	1) 14' ewll - 4.6' nspl o/row (2/23/07) 2) 14' EWLL, 3' NSLL in s/p (4/16/06) 3) 8' EWLL, 4' NSLL in a garage	14' ewll on npl of row (2/23/07)
612	012-0223-021	1755	5TH AV	RES	1"	1"	Rear	HYBRID	22' EWPL of Lot, 30' WEPL of Lot, 5' S of Main	
613	012-0224-006	1762	5TH AV	RES	1"	1"	Rear	HYBRID	14 1/2' WELL, 3 1/2' NSLL	
614	012-0223-020	1765	5TH AV	RES	1"	1"	Rear	HYBRID	359' EEC of 17th, 4' S of Main	
615	012-0224-031	1770	5TH AV	RES	1"	1"	Front/Side	HYBRID	45' EWLL on ELL, 3' N of Main	
616	012-0223-019	1807	5TH AV	RES	1"	1"	Rear	HYBRID	2 1/2' SNLL, 33' EWLL	
617	012-0224-009	1814	5TH AV	RES	1"	1"	Front/Side	HYBRID	20 1/2' WELL, 4' NSLL	
618	012-0224-010	1816	5TH AV	RES	1"	1"	Rear	HYBRID	250' WWC of 19th, 6' N of Main	
619	012-0223-018	1817	5TH AV	RES	1"	1"	Rear	HYBRID	28' EWLL, 3' NSLL	
620	012-0223-017	1825	5TH AV	RES	3/4"	1"	Rear	HYBRID	195' WWC of 19th, 2' N of Main	
621	012-0224-011	1830	5TH AV	RES	1"	1"	Rear	HYBRID	17'EWLL-2'NSPL in S/P	
622	012-0223-016	1833	5TH AV	RES	1"	1"	Rear	HYBRID		
623	012-0224-012	1836	5TH AV	RES	1"	1"	Rear	HYBRID	10' WELL, 2' NSLL 1832 Vallejo	
624	012-0224-013	1840	5TH AV	RES	3/4"	1"	Rear	HYBRID	7 1/2' EWLL, 169' WWC of 19th Street, 2' NSLL	
625	012-0224-014	1848	5TH AV	RES	3/4"	1"	Rear	HYBRID	Same & 4' NSLL	6' EWLL, 34' WELL, 2' NSLL
626	012-0224-015	1862	5TH AV	RES	1"	1"	Front/Side	HYBRID	Same - 5' NSLL	54' WWC of 19th Street - 2' NSLL
627	012-0232-001	1900	5TH AV	RES	1"	1"	Rear	HYBRID	3' NSPL & 45' EEC of 18th Street	
628	012-0231-035	1901	5TH AV	RES	1"	1"	Rear	HYBRID	37'EEC of 19th St., 2' S of Main, on NPL of 1901 5th Ave.	38'EEC of 19th St.
629	012-0231-034	1903	5TH AV	RES	3/4"	1"	Front/Side	HYBRID	1) 1' SNLL - 16' EWLL in box (7/27/06) 2) 18' EWLL, 2' SNPL	
630	012-0232-002	1916	5TH AV	RES	1"	1"	Rear	HYBRID	4'EWLL-4'NSPL in c/s box	
631	012-0231-033	1917	5TH AV	RES	3/4"	1"	Rear	HYBRID	SPL of Alley	63' EEPL of 5th Street
632	012-0232-003	1922	5TH AV	RES	1"	1"	Rear	HYBRID	4 1/2' EWLL 2 1/2' NSLL in stand pipe	
633	012-0231-032	1925	5TH AV	RES	1"	1"	Front/Side	HYBRID	18' EWLL, 2'SNPL of ROW in sp	19'EWLL, 3'NNPL of ROW
634	012-0232-004	1930	5TH AV	RES	1"	1"	Rear	HYBRID	4' EWLL, 3' NSPL	
635	012-0231-031	1933	5TH AV	RES	1"	1"	Rear	HYBRID	5' EWLL, 1 1/2' SNLL	
636	012-0232-005	1940	5TH AV	RES	1"	1"	Front/Side	HYBRID	8' EWLL, 4' 8" NSLL	7' EWLL, 2' NSLL
637	012-0231-030	1941	5TH AV	RES	1"	1"	Rear	HYBRID	3' EWLL 3' SNLL in ROW in Standpipe	
638	012-0231-029	1949	5TH AV	RES	1"	1"	Rear	HYBRID	5' EWLL - 2' SNPL in Box	

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639	012-0232-006	1950	5TH AV	RES	1"	1"	Front/Side	HYBRID	1) 8' EWPL enters lot at (08/23/05) 2) 8' EWPL of Lot, 3' N of Main, 240' EEPL of 19th	
640	012-0232-007	1956	5TH AV	RES	1"	1"	Front/Side	HYBRID	1) 12' EWLL, 3' NNPL O/ R.O.W IN C/S BOX (5/14/06) 2) 12' EWPL of Lot, 3' N of Main, 807' EEC of 19th	
641	012-0231-028	1957	5TH AV	RES	3/4"	1"	Rear	HYBRID	28' WELL, 12' EWLL, on SPL of ROW	
642	012-0231-027	1965	5TH AV	RES	3/4"	1"	Rear	HYBRID	18' EWLL, (Valve) 6' S of Main	
643	012-0232-008	1970	5TH AV	RES	1"	1"	Front/Side	HYBRID	On EPL of Lot, 1'WELL, 2 1/2' NSPL in Green Plastic Sewer box.	
644	012-0232-009	1972	5TH AV	RES	1"	1"	Front/Side	HYBRID	36' WELL, 4' EWLL, 3' NSPL	
645	012-0231-026	1973	5TH AV	RES	1"	1"	Rear	HYBRID	8' EWPL of Lot on NPL of Lot, 408' WWC of Freeport	
646	012-0231-025	2001	5TH AV	RES	1"	1"	Rear	HYBRID	18' EWLL, 2' SNLL	
647	012-0232-010	2006	5TH AV	RES	1"	1"	Front/Side	HYBRID	81' WWPL 5th Street valve standpipe North Alley Line	
648	012-0231-024	2009	5TH AV	RES	1"	1"	Rear	HYBRID	23' EWLL, 2' S of Main, 311' WWC of Freeport	
649	012-0231-023	2017	5TH AV	RES	1"	1"	Rear	HYBRID	20' WEPL of Lot, 282' WWC of Freeport, 5' S of Main	
650	012-0232-012	2020	5TH AV	RES	1"	1"	Front/Side	HYBRID		
651	012-0232-013	2024	5TH AV	RES	1"	1"	Rear	HYBRID	13' EWPL of Lot, 240 1/2' WWC of Freeport, 2 1/2' N of Main	
652	012-0231-022	2025	5TH AV	RES	1"	1"	Rear	HYBRID	3' EWLL, 4' SNLL	2' EWLL, 2' NNLL
653	012-0232-014	2032	5TH AV	RES	1"	1"	Front/Side	HYBRID	21 1/2' EWPL of Lot, 192' WWC of Freeport, 2 1/2' N of Main	
654	012-0231-021	2033	5TH AV	RES	1"	1"	Rear	HYBRID	37 1/2' WEPL of Lot, 213' WWC of Freeport, 2 1/2' EWLL, 4' SNLL in S/P	
655	012-0231-020	2041	5TH AV	RES	3/4"	1"	Front/Side	HYBRID	135' WWC of Freeport, 2' N of Main	
656	009-0321-002	1116	BEVERLY WY	RES	1"	1"	Rear	HYBRID	3' N of Main	30' EW lot line - 46' WW curb of Patton Way
657	009-0321-003	1118	BEVERLY WY	RES	1"	1"	Front/Side	HYBRID	3' N of main	18' WE curb Patton Way 11' W of ELL
658	009-0321-004	1120	BEVERLY WY	RES	1"	1"	Rear	HYBRID	3' N of main	13' W of ELL28' E of E curb of Patton way
659	009-0321-005	1122	BEVERLY WY	RES	1"	1"	Rear	HYBRID	14' WELL, 4' NSPL	
660	009-0321-006	1124	BEVERLY WY	RES	1"	1"	Rear	HYBRID	3' N, of Main	66' NWPL of 12th Street
661	009-0321-007	1208	BEVERLY WY	RES	1"	1"	Rear	HYBRID	3' N of main	17' WWPL of 12th Street 38' EWLL
662	009-0321-008	1210	BEVERLY WY	RES	1"	1"	Rear	HYBRID	3' N of main	9' WEPL of 12th Street
663	009-0321-009	1214	BEVERLY WY	RES	1"	1"	Front/Side	HYBRID	47' WELL, 1' EWLL, 4' NSPL	

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664	009-0321-010	1224	BEVERLY WY	RES	1"	1"		FYS RPL	16' EWLL - 3' NSLL (Box)	
665	009-0321-011	1232	BEVERLY WY	RES	1"	1"		FYS RPL		
666	009-0292-006	1233	BEVERLY WY	RES	1"	1"	Rear	HYBRID	6' EWL. of lot	85.5' NNCb Beverly Way, 4' EWL of lot
667	009-0292-005	1241	BEVERLY WY	RES	1"	1"		FYS RPL	SPL Beverly Way	29.5' WWCb 13th Street
668	010-0331-001	1800	BEVERLY WY	RES	3/4"	1"	Rear	HYBRID	N Rt. of Way	35' EEPL of 18th Street
669	010-0272-018	1801	BEVERLY WY	RES	3/4"	1"	Rear	HYBRID	47' EEC of 18th Street - 5' SNLL	
670	010-0331-002	1804	BEVERLY WY	RES	1"	1"	Front/Side	HYBRID	14' 6" EWLL - 25' 6" WELL - 28" N of Main - 4' NSLL in S/P	14' 6" EWLL - 25' 6" WELL
671	010-0272-017	1807	BEVERLY WY	RES	1"	1"	Rear	HYBRID	25' WELL at NLL	25' WELL - 40' EWLL at NLL
672	010-0331-003	1808	BEVERLY WY	RES	1"	1"	Front/Side	HYBRID	20' EWLL, 5' NSPL of Lot	21' 6" EWLL
673	010-0331-004	1812	BEVERLY WY	RES	3/4"	1"	Rear	HYBRID	N Rt. of Way	141' EEPL of 18th Street, off 6 - 6 - 1936, On 8 - 14 - 1936
674	010-0272-016	1813	BEVERLY WY	RES	1"	1"	Rear	HYBRID	13'EWLL, 4' SNLL	13' EWLL, 1'NSLL of 1812 1st Ave
675	010-0331-005	1816	BEVERLY WY	RES	3/4"	1"	Rear	HYBRID	19' WELL - 8' NSPL of Lot	
676	010-0272-015	1817	BEVERLY WY	RES	3/4"	1"	Rear	HYBRID	13' WELL - 5' SNPL (In Box)	
677	010-0331-006	1820	BEVERLY WY	RES	3/4"	1"	Rear	HYBRID	1) 18' EWLL, 19' WELL, 7' NSLL in box (11/18/05) 2) 18' EWLL, 7.5' NSLL in c/s box (11/17/05) 3) 18' EWLL, 19' WELL, 7' NSLL in box (11/14/05)	
678	010-0272-014	1821	BEVERLY WY	RES	3/4"	1"	Rear	HYBRID	29' EWLL, 5' SNLL in S/P	28' EWLL, 2' SNLL
679	010-0331-007	1824	BEVERLY WY	RES	3/4"	1"	Rear	HYBRID	N Rt. of Way	156' WWPL of 19th Street
680	010-0272-013	1825	BEVERLY WY	RES	1"	1"	Rear	HYBRID	2'SNLL, 24' WELL in box.	1'SNLL, 24' WELL
681	010-0331-008	1828	BEVERLY WY	RES	3/4"	1"	Rear	HYBRID	N Rt. of Way	114' WWPL of 19th Street
682	010-0272-012	1829	BEVERLY WY	RES	3/4"	1"	Front/Side	HYBRID	S Rt. of Way	93' W W P L of 19th Street
683	010-0331-009	1832	BEVERLY WY	RES	1"	1"	Front/Side	HYBRID	6' EWLL - 5' NSPL, 39' WELL	
684	010-0272-011	1833	BEVERLY WY	RES	1"	1"	Front/Side	HYBRID	7 1/2' EWLL - 2 1/2' SNPL	8' EWLL - 1' SNPL
685	010-0331-010	1836	BEVERLY WY	RES	1"	1"	Rear	HYBRID	12' EWLL on SPL in ROW o/address (9/13/06)	12' EWLL - 2 1/2' NSPL
686	010-0272-010	1839	BEVERLY WY	RES	1"	1"	Rear	HYBRID	1' EWLL - 1' SNLL	
687	012-0225-001	1700	BIDWELL WY	RES	1"	1"		FYS RPL		39' EEPL of 17th St
688	012-0225-002	1716	BIDWELL WY	RES	1"	1"		FYS RPL		72' EEPL of 17th St
689	012-0225-003	1722	BIDWELL WY	RES	1"	1"		FYS RPL		92 1/2' EEPL of 17th St
690	012-0224-027	1731	BIDWELL WY	RES	1"	1"	Rear	HYBRID	SL of Right of Way	150' EECb 17th Street & 23' EWLL
691	012-0225-004	1732	BIDWELL WY	RES	1"	1"		FYS RPL	145' EEPL of 17th Street - 20' EWLL - back of curb	
692	012-0225-005	1738	BIDWELL WY	RES	1"	1"		FYS RPL		186' EEPL of 17th St
693	012-0224-026	1741	BIDWELL WY	RES	1"	1"	Rear	HYBRID	1) 9' EWLL, 4' SNLL (09/20/05)	

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694	012-0225-006	1746	BIDWELL WY	RES	1"	1"		FYS RPL		219' EWPL of 17th St
695	012-0224-025	1749	BIDWELL WY	RES	1"	1"	Rear	HYBRID	12' EWLL - 4' SNLL	12' EWLL - on NLL
696	012-0225-007	1754	BIDWELL WY	RES	1"	1"		FYS RPL		291' EEPL of 17th St
697	012-0224-024	1757	BIDWELL WY	RES	1"	1"	Front/Side	HYBRID	2 1/2 ft. S of main	304' EE curb of 17th Street, 6 1/2' WEPL of lot
698	012-0225-008	1764	BIDWELL WY	RES	1"	1"		FYS RPL	34 1/2' WELL - 3' South of main	34 1/2' WELL - 15 1/2' EWLL
699	012-0224-023	1765	BIDWELL WY	RES	1"	1"	Rear	HYBRID	3 1/2' S of 6" Main	346 1/2' EE curb of 17th Street
700	012-0225-009	1770	BIDWELL WY	RES	1"	1"		FYS RPL	15' EWPL - 2 1/2' SSPL of Bidwell Way	15' EWPL of Lot
701	012-0225-010	1800	BIDWELL WY	RES	1"	1"		FYS RPL	22.5' WELL - 16 1/2' SSC of Bidwell Way	22.5' WELL
702	012-0224-022	1803	BIDWELL WY	RES	1"	1"	Rear	HYBRID	14' EWLL - 46' WELL - 2' SNPL of Lot	
703	012-0225-011	1810	BIDWELL WY	RES	1 1/2"	1 1/2"		FYS RPL	17 1/2' EWPL - 2 1/2' South of main	17 1/2' EWPL of Lot
704	012-0224-021	1811	BIDWELL WY	RES	1"	1"	Rear	HYBRID	33' EWLL @ NLL	
705	012-0224-020	1817	BIDWELL WY	RES	1"	1"	Rear	HYBRID	3' S of Main	242' WW Curb of 19th Street 15' EW lot line
706	012-0225-012	1820	BIDWELL WY	RES	1"	1"		FYS RPL	225' WWC - 3' South of Main	225' WWC of 19th Street
707	012-0225-013	1830	BIDWELL WY	RES	1"	1"		FYS RPL	8' EWLL 1' SSC	
708	012-0224-019	1831	BIDWELL WY	RES	1"	1"	Rear	HYBRID	23 1/2' EWLL, 3 1/2' SNLL	
709	012-0224-018	1839	BIDWELL WY	RES	1"	1"	Rear	HYBRID	32' EWLL - 4' SNPL of ROW	
710	012-0225-014	1840	BIDWELL WY	RES	1"	1"		FYS RPL	19' EWLL - 1' SSC of Bidwell Way	
711	012-0224-017	1849	BIDWELL WY	RES	1"	1"	Rear	HYBRID	22' WELL - 1' SNLL in Row	
712	012-0225-015	1854	BIDWELL WY	RES	1"	1"		FYS RPL	3' SNLL	77' WWCb L 19th Street
713	012-0225-016	1856	BIDWELL WY	RES	1"	1"		FYS RPL	31' WELL - 1 1/2' SSC of Bidwell	31' WELL - 4' NSC of Bidwell
714	012-0233-001	1866	BIDWELL WY	RES	1"	1"		FYS RPL	16 1/2' EWLL - 34 1/2' WELL - 1' SSC of Bidwell	
715	012-0233-002	1900	BIDWELL WY	RES	1"	1"		FYS RPL	30' EEC of 19th Street - South Curb of Bidwell Street	30' EEC of 19th Street - 48' WELL
716	012-0232-035	1901	BIDWELL WY	RES	1"	1"	Front/Side	HYBRID	29' WELL, 1' SNLL	
717	012-0232-032	1915	BIDWELL WY	RES	1"	1"	Rear	HYBRID	18' EWLL - 2' SNLL	
718	012-0233-024	1916	BIDWELL WY	RES	1 1/4"	1"		FYS RPL	32'EWLL, 34 WELL 1'SSC of Bidwell Way in box	111' EEC 19th Street 97' EEPL 19th Street 34' WELL
719	012-0232-031	1925	BIDWELL WY	RES	1"	1"	Rear	HYBRID	3' EWLL - 2' SNLL	3' EWLL - 2' NNLL
720	012-0233-025	1932	BIDWELL WY	RES	1"	1"		FYS RPL	213' EEC 19th St	25' WELL - Back of Curb
721	012-0232-030	1933	BIDWELL WY	RES	3/4"	1"	Rear	HYBRID	South line of Rt. of Way	192' EEPL. 19th Street
722	012-0233-008	1940	BIDWELL WY	RES	1"	1"		FYS RPL	1 1/2' EWLL - 1' SSC - In Standpipe	239' EEC of 19th Street - 39' WELL
723	012-0232-029	1945	BIDWELL WY	RES	1"	1"	Front/Side	HYBRID	22' WELL, 5' SNPL in standpipe in ROW	22' WELL, 1' NNPL in ROW
724	012-0233-009	1948	BIDWELL WY	RES	1"	1"		FYS RPL	5' S of 6" main	27.6' EWLL 22.6' WELL
725	012-0232-028	1955	BIDWELL WY	RES	1"	1"	Front/Side	HYBRID	1) 21' WELL, 4' SNPL in box of 1955 Bidwell in ROW (3/10/06) 2) 21' WELL, 4' SNLL (08/21/05) 3) 21' WELL, 4' SNLL in S/P (08/16/05)	

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
726	012-0233-010	1956	BIDWELL WY	RES	3/4"	1"		FYS RPL	12' EWLL - 2' SSC in a box	12' EWLL
727	012-0232-027	1959	BIDWELL WY	RES	1"	1"	Front/Side	HYBRID	12'EWLL, 4'SNPL in box	
728	012-0233-011	1964	BIDWELL WY	RES	1"	1"		FYS RPL	12 1/2' WEPL of Lot - 3 1/2' SSPL of Bidwell Way	
729	012-0233-012	1972	BIDWELL WY	RES	1"	1"		FYS RPL	18' WELL - At South Curb of Bidwell Way	
730	012-0232-026	1973	BIDWELL WY	RES	1"	1"	Rear	HYBRID	8' WELL, 4' SNPL-35'EWLL (Under Shed)	
731	012-0233-013	2000	BIDWELL WY	RES	1"	1"		FYS RPL	14' WELL - South Curb of Bidwell Way	
732	012-0232-025	2001	BIDWELL WY	RES	1"	1"	Rear	HYBRID	3' S of 6" main	7' EWLL, 4' SNLL
733	012-0233-015	2008	BIDWELL WY	RES	1"	1"		FYS RPL	9'EWLL, 1'SSC in s/p	
734	012-0232-024	2009	BIDWELL WY	RES	1"	1"	Rear	HYBRID	5' EWLL - 2' SNLL	
735	012-0233-016	2016	BIDWELL WY	RES	3/4"	1"		FYS RPL	9' EWLL - South Curb of Bidwell Way	
736	012-0232-023	2017	BIDWELL WY	RES	1"	1"	Front/Side	HYBRID	9'WELL, 1'SNPL in S/P	
737	012-0233-017	2024	BIDWELL WY	RES	1"	1"		FYS RPL	14' EWLL - At South Curb of Bidwell Way	
738	012-0232-022	2025	BIDWELL WY	RES	1"	1"	Rear	HYBRID	3 1/2' S of main	242' WW curb of Freeport Blvd. 9' EWPL of lot
739	012-0233-018	2032	BIDWELL WY	RES	3/4"	1"		FYS RPL	198 1/2' WWC - At South Curb of Bidwell Way	198 1/2' WWC of Freeport - 25' EWLL
740	012-0232-021	2033	BIDWELL WY	RES	1"	1"	Rear	HYBRID	5' S of 6" Main	198' WW curb of Freeport Blvd.
741	012-0233-019	2040	BIDWELL WY	RES	1"	1"		FYS RPL	144' WWC - At South Curb of Bidwell Way	144' WWC of Freeport - 29' EWLL
742	012-0232-020	2041	BIDWELL WY	RES	1"	1"	Rear	HYBRID	17' WELL - 5' SNLL	
743	012-0233-020	2046	BIDWELL WY	RES	1"	1"		FYS RPL	99' SSC of Bidwell, 5' WEPL In C/S Box	99' SSC of Bidwell' 2' WEPL
744	012-0232-019	2049	BIDWELL WY	RES	1"	1"	Front/Side	HYBRID	3' E of Main	40' NNPL of Bidwell 7' SNLL
745	013-0161-001	2101	BIDWELL WY	RES	1"	NA	NA	NONE	NPL of Bidwell Way	Tap is 76' EEC of Freeport Blvd (Future 435)
746	009-0291-047	1326	BROADWAY	COM	1 1/2"	1 1/2"	Rear	STD	113' SSC of Broadway, 89' EWLL, 4' NSLL	
747	009-0262-001	0	BROADWAY	COM	NA	NA		NONE		
748	009-0294-001	1400	BROADWAY	COM	2"	2"	Rear	STD	85' EEC of 14th & 1' NNPL of Alley	
749	009-0294-008	1400	BROADWAY	PL	2"	NA		NONE	85' EEC of 14th & 1' NNPL of Alley	
750	009-0294-006	1418	BROADWAY	COM	2"	2"	Rear	STD		
751	009-0294-007	1418	BROADWAY	PL	NA	NA		NONE		
752	009-0262-003	1500	BROADWAY	COM	1"	1"	Rear	HYBRID	Same as corp cock - 12.5' S of Main - at S Alley line in standpipe	52' EEC of 15th Street
753	009-0262-005	1500	BROADWAY	COM	NA	NA		NONE		
754	009-0262-002	1504	BROADWAY	COM	NA	NA		NONE		
755	009-0262-004	1520	BROADWAY	COM	2"	2"	Rear	STD	4' E and 2' N of Valve #67/ map 26	
756	009-0265-001	1600	BROADWAY	COM	1 1/2"	1 1/2"	Rear	STD	4' SS WALL of Bldg. 25' EEC 16th Street	3' SS Wall of Bldg - 25' EEC 16th Street
757	009-0265-002	1614	BROADWAY	PL	1"	NA		NONE	103' EEPL of 16th Street - 1' SSPL of Alley	
758	009-0265-003	1618	BROADWAY	COM	3/4"	1"	Rear	HYBRID	North Line of Rt. of Way	144' EEPL of 16th Street
759	009-0265-004	1620	BROADWAY	COM	1"	1"	Front/Side	HYBRID	26" North of Main - 5' NSLL - 4' WELL	34' EWLL - 4' WELL

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
760	009-0265-005	1626	BROADWAY	COM	1"	1"	Front/Side	HYBRID	3' WELL, 10' NSPL of 1624 Broadway in ROW in meter Box Remote: 43' WWC of 17th Street, 110' SSC of Broadway	
761	009-0267-001	1700	BROADWAY	COM	1"	1"	Front/Side	HYBRID	SP Line of Lot	58' EEPL of 17th Street or 62' 6" EE curb of 17th Street 60' 6" EEPL of 17th Street
762	009-0267-002	1704	BROADWAY	COM	3/4"	1"	Front/Side	HYBRID	3' EWPL 4' NSLL	
763	009-0267-003	1708	BROADWAY	COM	NA	1"	Front/Side	HYBRID		
764	009-0267-004	1710	BROADWAY	COM	1"	1"	Rear	HYBRID	158' EEPL of 17th Street - 3' N of Main in Stand inside garage	
765	009-0267-005	1720	BROADWAY	PL	1"	NA		NONE	46' WELL 13' 6" EWLL 3' 6" NSPL in Rt. of Way	46' WELL 13' 6" EWLL 6" NSPL in Rt. of Way
766	009-0267-006	1724	BROADWAY	COM	1 1/2"	1 1/2"	Rear	STD	70' WWC of 18th Street on NPL of Alley	
767	009-0267-007	1730	BROADWAY	COM	1"	1"	Rear	HYBRID	47' WWC of 18th St on SPL of 1730 Broadway in meter box	34' WWC of 18th Street, 6' SSPL of 1730 Broadway
768	010-0212-002	1804	BROADWAY	PL	1"	NA		NONE	4' NSLL, 5' WELL	
769	010-0212-003	1808	BROADWAY	PL	NA	NA		NONE	4 1/2' NSLL - 1' WELL	2' NSLL - 4' EELL
770	010-0212-004	1812	BROADWAY	COM	1 1/2"	1 1/2"	Rear	STD	30' WELL, 2' NSPL	
771	010-0212-017	1814	BROADWAY	COM	3/4"	1"	Rear	HYBRID	N Rt.of Way	170' EEPL of 18th Street
772	010-0214-001	1900	BROADWAY	PL	1"	NA		NONE	1) 117' ssc o/Broadway on ell o/1900 Broadway (2/27/07) 2) 117' SSC of Broadway - 9' WEPL in meter box	2' NSPL, 2' WEPL
773	010-0214-002	1904	BROADWAY	COM	NA	1"	Rear	HYBRID		
774	009-0291-029	1316	BURNETT WY	RES	1"	1"	Front/Side	HYBRID	14' WELL - 4 1/2' NSLL	
775	009-0291-028	1317	BURNETT WY	RES	1 1/2"	1 1/2"	Front/Side	STD	2' EWLL on NPL	217' WWC of 14th Street
776	009-0291-030	1320	BURNETT WY	RES	1"	1"	Rear	HYBRID	16' WELL, 5' NSPL	16' WELL, 3' NSPL
777	009-0291-027	1321	BURNETT WY	RES	1"	1"	Front/Side	HYBRID	3' S of Main	142' W of WPL of 14th Street, 17' W of ELL
778	009-0291-026	1325	BURNETT WY	RES	1"	1"	Rear	HYBRID	179' WWPL of 14th Street	184' WWC of 14th Street
779	009-0291-031	1328	BURNETT WY	RES	1"	1"	Rear	HYBRID	1' EWLL - 1' NSLL	
780	009-0291-025	1329	BURNETT WY	RES	1"	1"	Rear	HYBRID	1' SNL line	67' WWCb 14th Street 16' EWL Line
781	009-0291-032	1330	BURNETT WY	RES	1"	1"	Front/Side	HYBRID	12' W of WLL and 3' North of 1 1/2 Line.	126' W of West Prop Line of 14th Street
782	009-0291-033	1332	BURNETT WY	RES	1"	1"	Front/Side	HYBRID	6'NSPL, 2'EWLL in c/s box	74' WWC 14th St, 122' SSC Burnett Way
783	009-0291-024	1341	BURNETT WY	RES	1"	1"	Front/Side	HYBRID	18' EWLL - 6' SNLL in box	
784	009-0295-018	1404	BURNETT WY	RES	1"	1"	Rear	HYBRID	4' WELL 10' NSPL in c/s box in back yd of 1420 Burnett Way	1' WELL, 10' NSPL

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785	009-0295-019	1418	BURNETT WY	RES	1"	1"	Rear	HYBRID	4'WELL-10'NSPL in back yd of 1420 Burnette Wy	71' SSPL Burnett Way 75' 6" SSC Burnett Way (Rear Location)
786	009-0265-011	1601	BURNETT WY	RES	3/4"	1"	Rear	HYBRID	S Rt. of Way	20' EEPL of 16th Street
787	009-0303-034	1604	BURNETT WY	RES	1"	1"	Front/Side	HYBRID		
788	009-0265-010	1605	BURNETT WY	RES	3/4"	1"	Rear	HYBRID	South Rt. of Way	94' EEPL of 16th Street
789	009-0265-009	1609	BURNETT WY	RES	3/4"	1"	Rear	HYBRID	138' EEPL, of 16th Street, south of ROW	
790	009-0265-008	1613	BURNETT WY	RES	1"	1"	Rear	HYBRID	Same & 2' SNPL	15' WELL - 26' EWLL - 2' NNPL
791	009-0265-007	1617	BURNETT WY	RES	1"	1"	Rear	HYBRID		
792	009-0304-034	1702	BURNETT WY	RES	1"	1"	Front/Side	HYBRID		
793	009-0267-017	1709	BURNETT WY	RES	3/4"	1"	Rear	HYBRID	26'EWLL, 16'WELL, on NPL in standpipe	
794	009-0267-016	1713	BURNETT WY	RES	3/4"	1"	Rear	HYBRID	South Rt. of Way	100' EEPL of 17th Street
795	009-0267-015	1717	BURNETT WY	RES	3/4"	1"	Rear	HYBRID	16' EWLL, 2 1/2' SNLL	
796	009-0267-014	1721	BURNETT WY	RES	1"	1"	Rear	HYBRID	19'EWLL, 18'WELL, 7'SNPL in c/s box	
797	009-0267-013	1725	BURNETT WY	RES	1"	1"	Rear	HYBRID	14' EWLL - 2' SNPL of Lot	
798	009-0305-034	1728	BURNETT WY	RES	1"	1"	Rear	HYBRID	41' SSPL of Burnett Way - 3' W of Main	
799	009-0267-012	1729	BURNETT WY	RES	3/4"	1"	Front/Side	HYBRID	Same - 1' SNPL of Lot	30' EWLL - 13' WELL - 3' NNPL of Lot
800	009-0267-011	1733	BURNETT WY	RES	1"	1"	Rear	HYBRID	12 1/2' WELL - 1' SNPL in ROW	1' NNLL, 15' WELL
801	009-0267-010	1737	BURNETT WY	RES	3/4"	1"	Rear	HYBRID	78' WWPL of 18th St @ NLL	78' WWPL of 18th Street
802	009-0305-035	1740	BURNETT WY	RES	1"	1"	Front/Side	HYBRID	7' SSC Burnett Way - on WPL	6' SSC Burnett Way - 1' WWLL
803	009-0267-009	1741	BURNETT WY	RES	3/4"	1"	Front/Side	HYBRID	S Street ROW	34' WWC of 18th Street
804	010-0271-019	1800	BURNETT WY	COM	1"	1"	Rear	HYBRID	26' EEPL of 18th Street - 58' WELL	
805	010-0212-016	1803	BURNETT WY	RES	3/4"	1"	Rear	HYBRID	19' WELL - 1' SNLL in box	37' EWC of 18th Street - 4' NNPL of Lot
806	010-0212-015	1805	BURNETT WY	RES	3/4"	1"	Rear	HYBRID	South Rt. of Way.	60' EEPL of 18th Street
807	010-0271-003	1808	BURNETT WY	RES	1"	1"	Front/Side	HYBRID	Same 42" NSLL	24' EWLL & 16' WELL & 2' NSLL
808	010-0212-014	1809	BURNETT WY	RES	3/4"	1"	Front/Side	HYBRID	South Rt. of Way.	100' EEPL of 18th Street.
809	010-0271-004	1812	BURNETT WY	RES	3/4"	1"	Rear	HYBRID	North Rt. of Way	146' EEPL of 18th Street
810	010-0212-013	1813	BURNETT WY	RES	3/4"	1"	Front/Side	HYBRID	S side of Rt.of Way	147' EEPL of 18th Street.
811	010-0271-005	1816	BURNETT WY	RES	3/4"	1"	Rear	HYBRID	14' WELL, 25' EWLL, 4' NSLL	
812	010-0212-012	1817	BURNETT WY	RES	1"	1"	Rear	HYBRID	5' EWLL - 7' SNLL	5' EWLL - 1 1/2' NNLL
813	010-0271-006	1820	BURNETT WY	RES	3/4"	1"	Front/Side	HYBRID	North Rt. of Way	160' WWPL of Freeport Blvd.
814	010-0212-011	1821	BURNETT WY	RES	3/4"	1"	Rear	HYBRID	21' WELL - 6.5' SN Wall in standpipe	18 1/2' EWLL - 2 1/2' NNPL of Lot
815	010-0271-007	1824	BURNETT WY	RES	3/4"	1"	Rear	HYBRID	16' EWLL - 4' NSLL (8/24/06)	119' WWPL of 19th Street.
816	010-0212-010	1825	BURNETT WY	RES	3/4"	1"	Rear	HYBRID	S Rt. of Way.	102' WWPL of 19th Street.
817	010-0271-008	1828	BURNETT WY	RES	1"	1"	Front/Side	HYBRID	28 1/2' WELL 5 1/2' NSLL	
818	010-0212-009	1829	BURNETT WY	RES	3/4"	1"	Rear	HYBRID	South Rt. of Way.	60' WWPL of 19th Street
819	010-0212-008	1833	BURNETT WY	RES	3/4"	1"	Front/Side	HYBRID	6' SNLL - 2.5' EWLL	
820	012-0033-001	1526	CARAMAY WY	RES	1 1/2"	1 1/2"	Rear	STD	2' NSLL - 2' EWLL	
821	012-0034-012	1571	CARAMAY WY	RES	1"	1"	Rear	HYBRID	18' of SNLL at ELL	
822	012-0036-003	1590	CARAMAY WY	RES	1"	1"	Front/Side	HYBRID	E of 6" Main	22' SS curb of Caramay Way
823	012-0036-004	1594	CARAMAY WY	RES	1"	1"	Rear	HYBRID	28' WELL, 17' EWLL, 13' NSPL in a box	28' WELL, 21' EWLL, 7' NSPL

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
824	012-0036-005	1598	CARAMAY WY	RES	1"	1"	Rear	HYBRID	18' WEPL of Lot - 11' NSPL of Lot	
825	012-0036-006	1600	CARAMAY WY	RES	3/4"	1"	Rear	HYBRID	15' EWPL of Lot - 2' N of Main - 8' NSLL	
826	012-0036-007	1606	CARAMAY WY	RES	1"	1"	Rear	HYBRID	5' EWLL - 3' NSLL	6' N of South LL
827	012-0036-008	1612	CARAMAY WY	RES	1"	1"	Rear	HYBRID	3' N of 6" Main	136' WW curb 17th Street, 9' WELL
828	012-0035-012	1613	CARAMAY WY	RES	3/4"	1"	Front/Side	HYBRID	2' SNPL, 7 EWLL	
829	012-0036-009	1614	CARAMAY WY	RES	1"	1"	Front/Side	HYBRID	10'NSLL, 16'EWLL In Box	24'WELL, 7'NSLL
830	012-0036-010	1620	CARAMAY WY	RES	1"	1"	Front/Side	HYBRID	NPL of Rt. of Way	40' WWPL of 17th St, 1 1/2' EWLL
831	012-0041-012	1703	CARAMAY WY	RES	1"	1"	Front/Side	HYBRID		
832	012-0045-002	1704	CARAMAY WY	RES	1"	1"	Rear	HYBRID	34' EEC of 17th Street, 14' NSPL of 1700 Caramay	34' EEC of 17th Street, 10' NSPL of 1700 Caramay
833	012-0045-003	1708	CARAMAY WY	RES	3/4"	1"	Front/Side	HYBRID	N Side of Rt. of Way 1) 18' EWLL, 23' WELL, 6' NSLL in concrete c/s box (2/24/06)	106' EEPL of 17th Street
834	012-0045-004	1712	CARAMAY WY	RES	1"	1"	Front/Side	HYBRID	2) 18' EWLL, 23' WELL, 6' NSLL in box (2/14/06) 3) 7' NSLL, 18' EWLL in box	144' EEC of 17th St, 22' WELL
835	012-0045-005	1716	CARAMAY WY	RES	1"	1"	Front/Side	HYBRID	5' NSLL	15' EWLL - 5' NSLL
836	012-0045-006	1720	CARAMAY WY	RES	1"	1"	Rear	HYBRID	2 1/2' N of main	15' EW curb of Harkness Way, 20 1/2' EWPL of lot
837	012-0045-007	1724	CARAMAY WY	RES	3/4"	1"	Front/Side	HYBRID	12' WELL - 3' N of Main	
838	012-0045-008	1728	CARAMAY WY	RES	1"	1"	Rear	HYBRID	4' N of 6" Main	134' WW Curb of 18th Street
839	012-0045-009	1732	CARAMAY WY	RES	3/4"	1"	Front/Side	HYBRID	N Rt. of Way	96' WWPL of 18th Street
840	012-0045-010	1736	CARAMAY WY	RES	1"	1"	Rear	HYBRID	4' N of 6" Main	83' WW Curb of 18th Street
841	012-0045-011	1742	CARAMAY WY	RES	3/4"	1"	Rear	HYBRID	Same - 3' NNPL of Lot	31' WWPL of 18th Street
842	012-0045-012	1750	CARAMAY WY	RES	1"	1"	Rear	HYBRID		
843	012-0045-013	1800	CARAMAY WY	RES	1"	1"	Rear	HYBRID	Same as below (location) 9' NSPL Rt. of Way	13' WELL, 34' EEC of 18th Street & 7' NSPL Rt. of Way
844	012-0044-027	1801	CARAMAY WY	RES	1"	1"	Rear	HYBRID	36' EEC of 18th Street - 3' SNPL of Lot	33' EEC of 18th Street
845	012-0045-014	1804	CARAMAY WY	RES	1"	1"	Front/Side	HYBRID		23' EWLL, 8' NSPL of ROW
846	012-0044-030	1807	CARAMAY WY	RES	1"	1"	Rear	HYBRID	10' EWLL	
847	012-0044-025	1809	CARAMAY WY	RES	1"	1"	Rear	HYBRID	40' WELL, 3' SNLL, in C/S box	99' EEC of 18th St
848	012-0045-015	1810	CARAMAY WY	RES	1"	1"	Rear	HYBRID	3 1/2' N of 6" Main	102' EE Curb of 18th Street
849	012-0044-024	1815	CARAMAY WY	RES	1"	1"	Front/Side	HYBRID	1.1) 11' EWLL (10/11/06) 1.2) 12' EWLL - 1' SNLL in box (10/11/06) 2) 4' SNLL	172' EE Curb 18th Street & 12' WELL
850	012-0045-016	1816	CARAMAY WY	RES	1"	1"	Rear	HYBRID	3' N of 6" Main	148' EE Curb of 18th Street, 21' EWLL
851	012-0045-017	1820	CARAMAY WY	RES	3/4"	1"	Rear	HYBRID	7' EWLL - 11' NSLL	
852	012-0044-023	1821	CARAMAY WY	RES	1"	1"	Rear	HYBRID	23' EWLL - 3' SNLL	
853	012-0044-022	1823	CARAMAY WY	RES	1"	1"	Rear	HYBRID	24' EWLL	250 1/2' EE Curb of 18th Street 24 1/2' EWLL

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
854	012-0045-018	1824	CARAMAY WY	RES	1"	1"	Rear	HYBRID	28' EWLL, 11' WELL, 11' NSLL in box	279' EEC of 18th St
855	012-0044-021	1825	CARAMAY WY	RES	1"	1"	Rear	HYBRID	3 1/2' S of 6" Main	271' WW Curb of Freeport Blvd. 45' WELL
856	012-0045-019	1828	CARAMAY WY	RES	1"	1"	Rear	HYBRID	7' N of SL Line	11' EWL Line and 4' NSL Line
857	012-0044-020	1831	CARAMAY WY	RES	1"	1"	Rear	HYBRID	2' SNLL	331' EE Curb of 18th Street 26' WELL
858	012-0045-020	1832	CARAMAY WY	RES	1"	1"	Rear	HYBRID	10' EWLL - 11 1/2' NSLL	
859	012-0044-019	1837	CARAMAY WY	RES	1"	1"	Rear	HYBRID	6' S of Main in Rt. of Way	10' EELL of 1837 Caramay Way on Rt.Way
860	012-0045-021	1838	CARAMAY WY	RES	1"	1"	Front/Side	HYBRID	5' NSLL (2/26/37)	288' WWC o/ Freeport Blvd - 12' EWLL (2/26/37)
861	012-0044-018	1841	CARAMAY WY	RES	1"	1"	Rear	HYBRID	1) 35' WELL, 8' EWLL, 2' SNLL in box (11/15/05) 2) 4' S of 6" Main 8' EWLL 2' SNLL	242' WW Curb of Freeport Blvd.
862	012-0045-022	1842	CARAMAY WY	RES	1"	1"	Front/Side	HYBRID	3' N of Main	248' WW Curb of Freeport Blvd, 6' EWPL of Lot
863	012-0044-017	1845	CARAMAY WY	RES	1"	1"	Rear	HYBRID	4' S of Main	197' WW Curb of Freeport Blvd. 7' EWPL Lot
864	012-0045-023	1846	CARAMAY WY	RES	1"	1"	Front/Side	HYBRID	3' N of Main	200' WW Curb of Freeport Blvd. 9' EWPL of Lot
865	012-0045-024	1848	CARAMAY WY	RES	1"	1"	Rear	HYBRID	17' WELL - 10' NSLL - 3' N of Main	17' WELL - 28' EWLL
866	012-0044-016	1849	CARAMAY WY	RES	1"	1"	Front/Side	HYBRID	3' S of Main	3' EWLL, 7' SNLL
867	012-0045-025	1852	CARAMAY WY	RES	1"	1"	Front/Side	HYBRID	9' NSPL of Lot - 5' EWLL	
868	012-0044-015	1855	CARAMAY WY	RES	1"	1"	Rear	HYBRID	1) 27' EWLL, 4' SNPL in box (8/4/05) 2) 27' WELL, 4' SNPL in box (8/4/05) 3) 3' SNLL	74' WW Cb. Freeport Blvd. & 27' WELL
869	012-0045-026	1856	CARAMAY WY	RES	3/4"	1"	Rear	HYBRID	1) 16' WELL, 11' NSLL, 22' EWLL in box (9/27/05) 2) 17' WELL - 11' NSLL	20' WELL - 8' NSLL
870	012-0044-014	1861	CARAMAY WY	RES	3/4"	1"	Rear	HYBRID	North Rt. of Way	54' WWPL of Freeport Blvd.
871	012-0045-027	1862	CARAMAY WY	RES	1"	1"	Rear	HYBRID	60' WWC of Freeport on NPL in ROW	60' WWC of Freeport 4' SNPL in ROW
872	012-0021-014	1113	CASTRO WY	COM	1 1/2"	1 1/2"	Rear	STD	15'WELL-104'NNC of Castro	
873	012-0022-002	1114	CASTRO WY	RES	1"	1"	Rear	HYBRID	1) 17' EWLL, 5' NSLL in c/s box (10/16/05) 2) 18' EWLL, 6' NSPL in Box	
874	012-0021-013	1115	CASTRO WY	RES	1 1/2"	1 1/2"	Front/Side	STD	1' SNPL 24' EWLL in C/S Box	1' NNPL 24' EWLL
875	012-0022-003	1122	CASTRO WY	RES	1"	1"	Rear	HYBRID	23' EWLL - 6' NSLL in C/S box	184' EEPL of Riverside
876	012-0022-004	1130	CASTRO WY	RES	1"	1"	Rear	HYBRID	5' EWLL - 2' NSPL in R/Way	
877	012-0021-012	1131	CASTRO WY	RES	1"	1"	Rear	HYBRID	7' EWLL - 3' SNPL in R/Way	
878	012-0022-005	1140	CASTRO WY	RES	1"	1"	Rear	HYBRID	26 1/2' WELL - 6' NSLL	
879	012-0021-011	1141	CASTRO WY	RES	1 1/2"	1 1/2"	Front/Side	STD	15' EWPL of Lot - 2 1/2' SNPL in box	1
880	012-0022-006	1148	CASTRO WY	RES	1 1/2"	1 1/2"	Rear	STD	6' EWLL, 4' NSPL	

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881	012-0021-010	1149	CASTRO WY	RES	1"	1"	Rear	HYBRID	20' EWLL - 3' SNPL of Lot	
882	012-0022-007	1156	CASTRO WY	RES	1"	1"	Rear	HYBRID	14' EWLL, 4' NSPL in S/P	9' EWLL, 98 1/2' WWC of 12th Avenue
883	012-0021-009	1157	CASTRO WY	RES	1"	1"	Rear	HYBRID	3' SNLL	44' WW Cb. 12th Street
884	012-0044-001	1800	CASTRO WY	RES	1"	1"	Front/Side	HYBRID	1) 18' WELL, 3' NSPL in ROW (4/14/07) 2) 20' WELL - 5' NSPL in Standpipe	20' WELL - 2' NSPL
885	012-0043-027	1801	CASTRO WY	RES	3/4"	1"	Front/Side	HYBRID	South line of Rt. of Way	33' EEPL 18th Street
886	012-0043-026	1803	CASTRO WY	RES	1"	1"	Rear	HYBRID		
887	012-0044-002	1804	CASTRO WY	RES	1"	1"	Rear	HYBRID	24' EWLL 4'NSPL in ROW in sp	81'EEC of 18th St 24' EWLL
888	012-0044-003	1810	CASTRO WY	RES	1"	1"	Rear	HYBRID	3' N of S Line of Lot	24' E of N line of lot
889	012-0043-029	1811	CASTRO WY	RES	1"	1"	Rear	HYBRID	19' EWLL - 3' SNLL in box (7/17/06)	
890	012-0044-004	1814	CASTRO WY	RES	1"	1"	Rear	HYBRID	4.5' N of S lot line	172' EE Cb. of 18th Street
891	012-0043-030	1817	CASTRO WY	RES	1"	1"	Rear	HYBRID	37' WELL and 3' S of Main	217' EEPL of 18th Street
892	012-0044-005	1820	CASTRO WY	RES	1"	1"	Rear	HYBRID	1) 5' EWLL, 4' NSPL in box (2/24/06) 2) 5' EWLL, 4' NSPL in box (2/24/06) 3) 5' NSLL, 5' EWLL, 40' WELL in C/S box	196 EE Cb. of 18th Street, 4.5' EW Lot Line
893	012-0044-006	1824	CASTRO WY	RES	1"	1"	Front/Side	HYBRID	4' NSL line	245' EE Cb. 18th Street and 7 1/2' EWL line
894	012-0043-020	1825	CASTRO WY	RES	1"	1"	Rear	HYBRID	S of 6" main	224' EE Curb of 18th Street
895	012-0044-007	1828	CASTRO WY	RES	1"	1"	Front/Side	HYBRID	288' EEC o/8th St - 6.5' EWLL - 3' NSLL	288' EEC o/8th St - 6.5' EWLL
896	012-0043-019	1831	CASTRO WY	RES	1"	1"	Rear	HYBRID	4 1/2' S of 6" main	286 1/2' WW Curb of Freeport Blvd.
897	012-0043-018	1835	CASTRO WY	RES	1"	1"	Rear	HYBRID	4' S of 6" Main	241' WW Curb of Freeport Blvd.
898	012-0044-008	1836	CASTRO WY	RES	1"	1"	Rear	HYBRID	7' EWLL - 4' NSPL in box	
899	012-0044-009	1838	CASTRO WY	RES	3/4"	1"	Rear	HYBRID	40' WELL-5' EWLL-5' NSPL of ROW in S/P	232 1/2' WWC of Freeport Blvd., 5 1/2' EWLL
900	012-0043-017	1841	CASTRO WY	RES	1"	1"	Rear	HYBRID		
901	012-0044-010	1842	CASTRO WY	RES	1"	1"	Front/Side	HYBRID	3 1/2' NSLL - 11' EWLL	
902	012-0043-016	1845	CASTRO WY	RES	1"	1"	Rear	HYBRID	146 1/2' WWC 6' EWPL	2 1/2 Ft S of Main
903	012-0044-011	1846	CASTRO WY	RES	1"	1"	Rear	HYBRID	31' WEPL, 21' EWLL, 5' NSLL ROW in s/p	144' WWC of Freeport BI, 29' WELL
904	012-0043-015	1849	CASTRO WY	RES	3/4"	1"	Front/Side	HYBRID	65' WWPL of Freeport - 18' EWPL of lot 5 1/2' SNPL of lot	
905	012-0044-012	1852	CASTRO WY	RES	1"	1"	Front/Side	HYBRID	3' North of South lot line	19' E of West line of lot
906	012-0043-014	1853	CASTRO WY	RES	3/4"	1"	Rear	HYBRID	34' WWPL on SLL	SLL, 2nd Avenue & Castro Way, ROW
907	012-0044-013	1856	CASTRO WY	RES	1 1/2"	1 1/2"	Rear	STD	1) 10' EWLL, 7' NSPL ROW s/p (4/7/06) 2) 4' N of 6" main	57' WW Curb of Freeport Blvd.
908	010-0333-001	1800	COMMERCIAL WY	RES	1"	1"	Rear	HYBRID	1) 6' NSPL, 6' WELL IN RIGHT AWAY (6/8/06) 2) 50' EEC of 18th Street - 6 1/2' NSPL in ROW	
909	010-0332-020	1801	COMMERCIAL WY	RES	1"	1"	Rear	HYBRID	48 1/2' EEL of 18th Avenue	

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910	010-0333-002	1804	COMMERCIAL WY	RES	1"	1"	Rear	HYBRID	7' NSPL - 12' WELL - in ROW in Valve Box	
911	010-0332-019	1805	COMMERCIAL WY	RES	1"	1"	Rear	HYBRID	67' EEPL of 18th Street - on SPL of ROW	
912	010-0333-003	1808	COMMERCIAL WY	RES	1"	1"	Front/Side	HYBRID	N of 6" main	118' EE curb of 18th Street
913	010-0332-018	1811	COMMERCIAL WY	RES	1"	1"	Rear	HYBRID		
914	010-0333-004	1812	COMMERCIAL WY	RES	1"	1"	Rear	HYBRID	2 1/2' N of Main	137' EE Curb of 18th Street, 7' EWPL of Lot
915	010-0332-017	1815	COMMERCIAL WY	RES	1"	1"	Rear	HYBRID	South Rt. of Way	173' EEPL of 18th Street
916	010-0333-005	1816	COMMERCIAL WY	RES	3/4"	1"	Rear	HYBRID	1) 29' EEPL, 4' NSPL IN BOX (12/3/06) 2) Same - 5' NSLL	1) 29' EEPL, 2' NSPL (12/3/06) 2) 30' WELL - 2' NSLL
917	010-0333-006	1820	COMMERCIAL WY	RES	1"	1"	Front/Side	HYBRID	20'WELL, 20'EWLL, 4'NSPL in Right of Way	2'6" NSPL in Right of Way
918	010-0332-016	1821	COMMERCIAL WY	RES	1"	1"	Rear	HYBRID	Same as corp cock, 1' SNPL of Lot	10' EW lot line
919	010-0333-007	1824	COMMERCIAL WY	RES	1"	1"	Front/Side	HYBRID	19' EWLL - 22' WELL - 6' NSPL in Right of Way in S/P	19' EWLL - 22' WELL - 3' NSPL in Right of Way
920	010-0332-015	1825	COMMERCIAL WY	RES	1"	1"	Front/Side	HYBRID	23'EWLL, 18'WELL, 5'SNPL in s/p	23'EWLL, 3'SNPL
921	010-0333-008	1828	COMMERCIAL WY	RES	1"	1"	Rear	HYBRID	15' EWLL - 25' WELL - 3' NSPL	15' EWLL - 25' WELL - 6' NSPL
922	010-0332-014	1829	COMMERCIAL WY	RES	3/4"	1"	Rear	HYBRID	Same & 3' SNPL	19' EWLL - NPL
923	010-0333-009	1832	COMMERCIAL WY	RES	3/4"	1"	Rear	HYBRID	North Rt. of Way	150' WWPL of Freeport Street
924	010-0332-013	1833	COMMERCIAL WY	RES	1"	1"	Rear	HYBRID	21' EWLL - 18' WELL - 3' SNPL	6" SNPL
925	010-0333-010	1836	COMMERCIAL WY	RES	1"	1"	Front/Side	HYBRID		
926	010-0332-012	1837	COMMERCIAL WY	RES	1"	1"	Front/Side	HYBRID	3 1/2' S of 6" main	69' WWPL 19th Street
927	010-0333-011	1840	COMMERCIAL WY	RES	3/4"	1"	Rear	HYBRID	24' WELL - 6' NSPL of Lot	
928	010-0333-012	1844	COMMERCIAL WY	RES	3/4"	1"	Rear	HYBRID	N side of Rt. of Way	45' WWPL of 19th Street
929	010-0332-011	1845	COMMERCIAL WY	RES	1"	1"	Rear	HYBRID		
930	010-0214-003	2519	FREEPORT BL	RES	3/4"	1"	Front/Side	HYBRID	Back of East Curb Freeport Blvd.	22' SSPL 11th Avenue (Tract office)
931	010-0214-004	2527	FREEPORT BL	RES	1"	1"	Rear	HYBRID	W Rt. of Way	165' SSPL of Y Street
932	010-0214-005	2535	FREEPORT BL	RES	3/4"	1"	Rear	HYBRID	5 1/2' SNLL - 6' WELL	
933	010-0275-014	2543	FREEPORT BL	RES	3/4"	1"	Rear	HYBRID	1) 15' snll - 6' well (2/13/07) 2) Same - 5' WELL	15 1/2' SNLL - 24' NSLL - 2' WELL
934	010-0271-009	2550	FREEPORT BL	RES	1"	1"	Rear	HYBRID		
935	010-0275-015	2551	FREEPORT BL	RES	3/4"	1"	Front/Side	HYBRID	Same - 3' WELL	15' NSLL - 26' SNLL - 1' WELL
936	010-0275-016	2559	FREEPORT BL	RES	3/4"	1"	Front/Side	HYBRID	14' NSLL, 5' WELL	14' NSLL, 2' WELL
937	010-0275-017	2565	FREEPORT BL	RES	3/4"	1"	Rear	HYBRID	Same - 4' WEPL	15' NSLL - 1' WEPL
938	010-0275-018	2575	FREEPORT BL	RES	3/4"	1"	Rear	HYBRID	11' SNLL - 9' WEPL of Lot	
939	010-0275-019	2583	FREEPORT BL	RES	3/4"	1"	Front/Side	HYBRID	33' NSLL - 12' SNPL of Lot on West Line of ROW	
940	010-0275-020	2601	FREEPORT BL	RES	3/4"	1"	Rear	HYBRID	3 1/2' WEPL of Lot - 27' NSLL - 11' SNLL	
941	010-0275-021	2605	FREEPORT BL	RES	3/4"	1"	Rear	HYBRID	20' NSLL - 3' WEPL of Lot	
942	010-0275-022	2609	FREEPORT BL	RES	3/4"	1"	Rear	HYBRID	N Rt. of Way	56' EEPL of 19th Street
943	010-0275-023	2615	FREEPORT BL	RES	1"	1"	Rear	HYBRID	27' SNLL - 1 1/2' WELL	
944	010-0275-024	2617	FREEPORT BL	RES	3/4"	1"	Rear	HYBRID	18' NSLL - 24' SNLL - 5' WELL	
945	010-0275-025	2621	FREEPORT BL	RES	1"	1"	Rear	HYBRID		

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946	010-0334-001	2625	FREEPORT BL	RES	3/4"	1"	Front/Side	HYBRID	WPL of Rt. of Way	206' NNPL of Larkin Way
947	010-0334-002	2629	FREEPORT BL	RES	3/4"	1"	Front/Side	HYBRID	WPL of Rt. of Way	122' NNPL of Larkin Way
948	010-0334-003	2633	FREEPORT BL	RES	3/4"	1"	Rear	HYBRID	68' EEC of Freeport	
949	010-0334-004	2637	FREEPORT BL	RES	3/4"	1"	Front/Side	HYBRID	64 1/2' EEC of Freeport Blvd.	
950	010-0334-005	2641	FREEPORT BL	RES	3/4"	1"	Rear	HYBRID	30' NNC Larkin - 1' EE Fence Line RO 86786 .West of Rt of Way. 12' SNLL - 4' EEPL in ROW	26' NNPL of Larkin Way 12' SNLL - 2' WELL in ROW
951	010-0337-023	2649	FREEPORT BL	RES	3/4"	1"	Front/Side	HYBRID	N Rt. of Way	56' EEPL of 19th Street
952	010-0337-024	2653	FREEPORT BL	RES	1"	1"	Front/Side	HYBRID	72' EEPL of Freeport - 2' SNLL	
953	010-0337-025	2657	FREEPORT BL	RES	1"	1"	Rear	HYBRID	Same as Corp Cock - 5' WELL	5' 6" NSLL
954	010-0337-026	2663	FREEPORT BL	RES	1"	1"	Rear	HYBRID	Same - 4' SNPL of Lot	36' WWC of Freeport - On NPL
955	010-0337-027	2665	FREEPORT BL	RES	1"	1"	Front/Side	HYBRID	6' W of EL Lot	35' from S of N Line of Lot 5' N of SL Lot
956	010-0337-028	2669	FREEPORT BL	RES	3/4"	1"	Rear	HYBRID	23' NSLL - 6' WELL in C/S Box	23' NSLL - 3' WELL
957	010-0337-029	2673	FREEPORT BL	RES	3/4"	1"	Rear	HYBRID	N Rt. of Way	56' EEPL of 19th Street
958	010-0337-030	2677	FREEPORT BL	RES	3/4"	1"	Front/Side	HYBRID	So. Rt. of Way	66' EEPL of Freeport Blvd.
959	010-0337-031	2681	FREEPORT BL	RES	3/4"	1"	Rear	HYBRID	15 1/2' NSLL - 1' WELL	
960	010-0337-032	2685	FREEPORT BL	RES	1"	1"	Rear	HYBRID		68' EEC of 2nd Street & 9' SNPL of Alley
961	012-0046-001	2701	FREEPORT BL	RES	3/4"	1"	Rear	HYBRID	N Rt. of Way	50' WWPL of Freeport Blvd.
962	012-0043-013	2702	FREEPORT BL	RES	1"	1"	Rear	HYBRID		
963	012-0046-002	2705	FREEPORT BL	RES	1"	1"	Rear	HYBRID		
964	012-0046-003	2709	FREEPORT BL	RES	3/4"	1"	Rear	HYBRID	77 1/2' EEC & 1' SNLL	72 1/2' EEPL of Freeport, 1/2' NNPL
965	012-0046-004	2713	FREEPORT BL	RES	1"	1"	Rear	HYBRID	3' W of 8" Main	168 1/2' SS Curb 2nd Avenue, 11 1/2' SNLL
966	012-0046-005	2717	FREEPORT BL	RES	1"	1"	Front/Side	HYBRID	WV: 19' SNLL, 8' WEPL (Brick wall) in s/p	
967	012-0046-006	2721	FREEPORT BL	RES	1"	1"	Rear	HYBRID	3 1/2' W of 8" Main	10' NS Curb of Castro Way 5' SNLL
968	012-0046-007	2725	FREEPORT BL	RES	1"	1"	Rear	HYBRID	20' NSLL - 20' SNLL - 3' EEPL Rt. of Way	20' NSLL & 20' SNLL - 4' WEPL Rt. of Way
969	012-0046-008	2729	FREEPORT BL	RES	3/4"	1"	Front/Side	HYBRID		Same - 1' WELL of ROW
970	012-0046-009	2733	FREEPORT BL	RES	3/4"	1"	Rear	HYBRID	Same - On EPL of ROW	6' SNLL - 39 1/2' NSLL - 2' EEPL of ROW
971	012-0046-010	2737	FREEPORT BL	RES	1"	1"	Rear	HYBRID	34' SNLL - 24' WELL	
972	012-0046-011	2747	FREEPORT BL	RES	3/4"	1"	Rear	HYBRID	West Rt. of Way	463' SSPL of 2nd Avenue
973	012-0045-054	2750	FREEPORT BL	RES	1"	1"	Front/Side	HYBRID	29' EWLL 1' SNLL in C/S Box on N. Side of Garage	
974	012-0046-012	2751	FREEPORT BL	RES	1"	1"	Rear	HYBRID	9' WELL, 10' SNLL	9.5' SNLL - 7.5' WELL
975	012-0046-017	2755	FREEPORT BL	RES	1"	1"	Front/Side	HYBRID		
976	012-0084-027	2760	FREEPORT BL	RES	1"	1"	Front/Side	HYBRID	37' SSPL of Markham, 3' EWLL	
977	012-0046-018	2763	FREEPORT BL	RES	1"	1"		FYS RPL	4' EEPL Freeport Blvd. , 2' N Main	18' SN Curb of Markham Way
978	012-0084-028	2766	FREEPORT BL	RES	1"	1"	Rear	HYBRID	Same - 5 1/2' EWLL	116' SSC of Markham - 2' EWLL
979	012-0046-015	2767	FREEPORT BL	RES	1"	1"		FYS RPL	2' E Main, 4' EEPL Freeport Blvd.	19' SN Curb of Markham Way

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
980	012-0054-001	2769	FREEPORT BL	RES	1"	1"		FYS RPL	2' EEPL Freeport Blvd.	65' 6" SS Cb. L Markham Way
981	012-0084-005	2770	FREEPORT BL	RES	1"	1"	Rear	HYBRID	Same - 3 1/2' EWLL	190' SSC of Markham - 9' NSLL - 8' EWLL
982	012-0054-002	2771	FREEPORT BL	RES	1"	1"		FYS RPL	4' E of 6" Main	107' SS Curb of Markham Way
983	012-0054-003	2775	FREEPORT BL	RES	1"	1"		FYS RPL	28' NSLL - 12' EEC of ST	
984	012-0084-006	2776	FREEPORT BL	RES	3/4"	1"	Front/Side	HYBRID	Back of W Curb	221' SSPL Markham Way
985	012-0054-004	2779	FREEPORT BL	RES	1"	1"		FYS RPL	4' E of 6" Main	187' SS Curb of Markham Way
986	012-0084-007	2780	FREEPORT BL	RES	1"	1"	Rear	HYBRID	3' N of Main	106' WW Curb of Freeport Blvd. 40 1/2' EWPL of Lot
987	012-0084-008	2784	FREEPORT BL	RES	3/4"	1"	Front/Side	HYBRID	Back of W Curb -N. lot line	221' SSPL Markham Way
988	012-0054-005	2785	FREEPORT BL	RES	1"	1"		FYS RPL	6' E of EPL Freeport Blvd.	177 1/2' NN Cb. 3rd Avenue Westerley & 18' NSLL
989	012-0054-006	2789	FREEPORT BL	RES	1"	1"		FYS RPL	1' NSLL - 39' SNLL - 14' EEC of Freeport Boulevard	1' SSLL - 41' SNLL - 9' EEC of Freeport Boulevard
990	012-0054-007	2795	FREEPORT BL	RES	1"	1"		FYS RPL	Back of W Curb	
991	012-0054-008	2797	FREEPORT BL	RES	1"	1"		FYS RPL	3' E of 6" Main	45' NN Curb of 3rd Avenue
992	012-0054-009	2801	FREEPORT BL	RES	1"	1"		FYS RPL	15' EEC of Freeport / 18' SNLL	
993	012-0054-010	2809	FREEPORT BL	RES	1"	1"		FYS RPL	5' E of 6" Main	7' SS Curb of 3rd Avenue
994	012-0141-011	2814	FREEPORT BL	RES	1"	1"	Front/Side	HYBRID	15' SNLL, 16' EWPL in box	71' SSC of 3rd Av
995	012-0141-012	2816	FREEPORT BL	RES	1"	1"	Rear	HYBRID	138' WW Curb Freeport	113' SS Curb of 3rd Avenue
996	012-0054-011	2817	FREEPORT BL	RES	1"	1"		FYS RPL	12' EWC, 2' NSPL in Box	47' SSC of 3rd Avenue
997	012-0141-013	2824	FREEPORT BL	RES	1"	1"	Front/Side	HYBRID	5 1/2' S of 6" Main	23.6' WW Curb of Freeport Blvd.
998	012-0054-012	2825	FREEPORT BL	RES	1"	1"		FYS RPL	E of 6" Main	84' SS Curb of 3rd Avenue
999	012-0054-013	2833	FREEPORT BL	RES	1"	1"		FYS RPL	EPL of Freeport Blvd.	168' NN Curb of 4th Avenue
1000	012-0054-014	2841	FREEPORT BL	RES	1"	1"		FYS RPL	EPL of Freeport Blvd.	128' NN Curb of 4th Avenue
1001	012-0054-015	2855	FREEPORT BL	RES	1"	1"		FYS RPL	3' E of EPL Freeport Blvd.	92' NN Cb. 4th Avenue (Westerly) & 5' NSLL
1002	012-0054-016	2857	FREEPORT BL	RES	1"	1"		FYS RPL	13' NSLL - 10' EEC of Freeport	11 1/2' NSLL - 7' EEC of Freeport
1003	012-0142-017	2900	FREEPORT BL	COM	1"	1"	Rear	HYBRID	Same and 1' EWPL Rt. of Way	73' SSPL of 4th Avenue, 1' 6" WWPL Rt. of Way
1004	012-0142-016	2900	FREEPORT BL	VAC	1"	NA		NONE		
1005	013-0063-001	2901	FREEPORT BL	IRR	2"	2"	Front/Side	CWS RPL		
1006	012-0142-018	2924	FREEPORT BL	COM	1"	1"	Rear	HYBRID	WPL of Lot	102' NN Curb of Vallejo Way 7' NSPL of Lot
1007	012-0142-019	2932	FREEPORT BL	COM	1"	1"	Rear	HYBRID	2' East of Main	63' N. North Curb Vallejo Way
1008	012-0142-020	2940	FREEPORT BL	COM	1"	1"	Rear	HYBRID	On ELL - 39' N of NPL of Vallejo Way	3' W of WLL - 39' N of NPL of Vallejo Way
1009	012-0231-016	2950	FREEPORT BL	COM	1"	1"	Rear	HYBRID	2 East of Main	46' SS Curb Vallejo Way
1010	013-0063-002	2951	FREEPORT BL	COM	2"	2"	Front/Side	CWS RPL	14' SNLL or 106' NSLL, 1' EEC Freeport	
1011	013-0063-006	2955	FREEPORT BL	COM	1"	1"	Front/Side	CWS RPL	32' SNLL & 41' NSLL & 16' WE Cb. of Freeport Blvd.	32' SNLL & 41' NSLL & 31' EE Cb. of Freeport Blvd.
1012	012-0231-017	2960	FREEPORT BL	PL	3/4"	NA		NONE	2' East of Main	79' South of South Curb Vallejo Way

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
1013	012-0231-018	2966	FREEPORT BL	COM	1"	1"	Rear	HYBRID	21' SNLL - 8' EWLL	
1014	013-0063-005	2985	FREEPORT BL	COM	1"	2"	Front/Side	CWS RPL	118'NSLL-14' SNLL - 6' EEC of Freeport in meter box	
1015	012-0231-019	2996	FREEPORT BL	COM	1"	1"	Rear	HYBRID	17' NSPL,2.6' EWPL	
1016	012-0231-019	2996	FREEPORT BL	COM	1"	1"	Rear	HYBRID		
1017	012-0232-015	3000	FREEPORT BL	COM	1"	1"	Rear	HYBRID	3' E of Main	96' SS Curb of 5th Avenue
1018	013-0063-004	3005	FREEPORT BL	COM	1"	1 1/2"	Front/Side	CWS RPL	46 1/2' NSLL - 3' EEC of Freeport	
1019	012-0232-016	3012	FREEPORT BL	COM	1 1/2"	1 1/2"	Rear	STD	Same as Corp Cock - 15' SNLL - 8' EWPL of Lot	97' SSPL 5th Avenue 110' SSC 5th Avenue
1020	012-0232-017	3014	FREEPORT BL	COM	1"	1"	Rear	HYBRID	NPL Alley	340' EEPL Freeport Blvd.
1021	012-0232-018	3024	FREEPORT BL	COM	3/4"	1"	Front/Side	HYBRID	East Rt. of Way 2' E of Main	78' NN Curb Bidwell Way and 112' West of WWPL of Freeport Blvd
1022	012-0233-021	3040	FREEPORT BL	RES	1"	1"	Rear	HYBRID		
1023	013-0161-021	3041	FREEPORT BL	RES	1"	NA	NA	NONE	1) 73' EEC o/Freeport, 6' SSC o/Bidwell in box (4/24/00) 2) 73' EEPL of Freeport on SPL of Bidwell Way (2/8/54)	
1024	012-0233-022	3044	FREEPORT BL	RES	1"	1"	Rear	HYBRID	1) 73' EEC o/Freeport, 6' SSC o/Bidwell in box (4/24/00) 2) 73' EEPL of Freeport on SPL of Bidwell Way (2/8/54)	
1025	012-0233-023	3050	FREEPORT BL	RES	1"	1"	Rear	HYBRID	Same - 3' EWLL	18' SNLL - 32' NSLL
1026	013-0161-030	3051	FREEPORT BL	COM	2"	NA	NA	NONE	75' EEC of Freeport - 1' NNC of Weller	
1027	009-0304-001	2550	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID	West Rt. of Way	41' SSPL of Burnett Way
1028	009-0304-002	2558	HARKNESS ST	RES	3/4"	1"	Front/Side	HYBRID	24' SNLL - 2' EWLL in Box	
1029	009-0305-033	2559	HARKNESS ST	RES	1"	1"	Rear	HYBRID	6 1/2' WEPL, 19' NSLL in Box	West ROW
1030	009-0304-003	2566	HARKNESS ST	RES	3/4"	1"	Rear	HYBRID	East Rt. of Way	104' SSPL of Burnett Way
1031	009-0305-032	2567	HARKNESS ST	RES	3/4"	1"	Front/Side	HYBRID	West Rt. of Way	92' SSPL of Burnett Way
1032	009-0304-004	2574	HARKNESS ST	RES	3/4"	1"	Rear	HYBRID	E Side of Rt. of Way	156' SSPL of Burnett Way
1033	009-0305-031	2575	HARKNESS ST	RES	1"	1"	Rear	HYBRID	3' W of Main	148 1/2' SS Curb of Burnett Way, 18' NSPL of Lot
1034	009-0304-005	2582	HARKNESS ST	RES	3/4"	1"	Front/Side	HYBRID	East Rt. of Way	196' SSPL of Burnett Way
1035	009-0305-030	2583	HARKNESS ST	RES	1"	1"	Rear	HYBRID	1) 23' SNLL - 16' NSLL - 4' WEPL (9/14/06) 2) West Rt. of Way	1) 23' SNLL - 16' SNLL?(NSLL) - 2' WEPL (9/14/06) 2) 184' SSPL of Burnett Way
1036	009-0304-006	2590	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID	Same as Corp Cock - 4' E of Main	20' N of SLL, 26' SNLL
1037	009-0305-029	2591	HARKNESS ST	RES	1"	1"	Rear	HYBRID	14' NSLL, 7' WELL	14' NSLL, 3' WELL
1038	009-0304-007	2600	HARKNESS ST	RES	1"	1"	Rear	HYBRID	12' SNLL, 2' EWLL	
1039	009-0305-028	2601	HARKNESS ST	RES	3/4"	1"	Rear	HYBRID	6' NSLL - 9' WEPL	6' NSLL - 6' WEPL
1040	009-0304-008	2604	HARKNESS ST	RES	3/4"	1"	Front/Side	HYBRID	12' NSLL - 28' SNLL - EPL of ROW	
1041	009-0305-027	2605	HARKNESS ST	RES	3/4"	1"	Front/Side	HYBRID	6' WEPL, 19' NSLL	3' WEPL, 19' NSLL
1042	009-0304-009	2608	HARKNESS ST	RES	3/4"	1"	Rear	HYBRID	East Rt. of Way	343' NNPL of Larkin Way

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
1043	009-0305-026	2609	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID	Same as Corp and 5' WELL	7' NSLL, 33' SNLL
1044	009-0304-010	2612	HARKNESS ST	RES	3/4"	1"	Rear	HYBRID	17 1/2' SNLL - 3' EWPL	
1045	009-0305-025	2613	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID	1) 5' nsll - 6' well in box (2/2/07) 2) 6' NSLL - 6' WELL	5' NSLL - 1 1/2' WELL
1046	009-0304-011	2616	HARKNESS ST	RES	3/4"	1"	Rear	HYBRID		15' SNLL - 2' WELL
1047	009-0305-024	2617	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID	Same as Corp Cock - 4' 6" WEPL of Lot	19' SNLL
1048	009-0304-012	2620	HARKNESS ST	RES	1"	1"	Rear	HYBRID	23' NSLL - 4' EWPL in ROW	
1049	009-0305-023	2621	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID	18' NSLL - 6' WEPL of Lot	
1050	009-0304-013	2624	HARKNESS ST	RES	3/4"	1"	Rear	HYBRID	5' NSPL of Lot - 1 1/2' EWPL of Lot	
1051	009-0305-022	2625	HARKNESS ST	RES	3/4"	1"	Rear	HYBRID	185' NNPL of Lackin Avenue	
1052	009-0304-014	2628	HARKNESS ST	RES	3/4"	1"	Front/Side	HYBRID	5 1/2' NSPL of Lot - 2' EWPL of Lot	
1053	009-0305-021	2629	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID		
1054	009-0304-015	2632	HARKNESS ST	RES	1"	1"	Rear	HYBRID		
1055	009-0305-020	2633	HARKNESS ST	RES	1"	1"	Rear	HYBRID	9' NSLL - 3' WELL	
1056	009-0304-016	2636	HARKNESS ST	RES	3/4"	1"	Front/Side	HYBRID	19' SNLL - 6' WW	19' SNLL - 1 1/2' EWLL
1057	009-0305-019	2637	HARKNESS ST	RES	3/4"	1"	Front/Side	HYBRID	8 1/2' NSLL, 4' WELL	8 1/2' NSLL, 2' WELL
1058	009-0305-018	2641	HARKNESS ST	RES	3/4"	1"	Rear	HYBRID	26' NNPL of Larkin - 18' SNLL - 4' WELL	
1059	009-0304-017	2642	HARKNESS ST	RES	1"	1"	Rear	HYBRID	34' N of NC on Larkin Way - 14' S of NLL	Curb Stop 4' E of WPL in right of way
1060	009-0334-001	2644	HARKNESS ST	RES	3/4"	1"	Front/Side	HYBRID	26' SNPL of Larkin - 2' EWPL of Lot	
1061	009-0334-002	2648	HARKNESS ST	RES	1"	1"	Rear	HYBRID	10' NSLL - 3' EWLL	
1062	009-0335-020	2649	HARKNESS ST	RES	1"	1"	Rear	HYBRID	20' SNLL - 4' WELL	
1063	009-0334-003	2652	HARKNESS ST	RES	1"	1"	Rear	HYBRID	10' NSLL, 27' SNLL, 3' EWPL	9' NSLL, 28' SNLL, 1' WWPL
1064	009-0335-019	2653	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID	5 1/2' NSLL - 3' EWLL - 2' SNLL - 6' WELL	6' NSLL - 2' WWLL
1065	009-0334-004	2656	HARKNESS ST	RES	1"	1"	Rear	HYBRID	7' E of Main - 5' EWLL	6' NSLL - 34' SNLL
1066	009-0335-018	2657	HARKNESS ST	RES	1"	1"	Rear	HYBRID	W of 6" Main	153' SS Curb of Larkin Way, 25 1/2' SNLL
1067	009-0335-017	2661	HARKNESS ST	RES	1"	1"	Rear	HYBRID	7' NSLL - 5' WELL	8' NSLL - 2' WELL
1068	009-0334-005	2662	HARKNESS ST	RES	1"	1"	Rear	HYBRID	5' E of Main - 3' EWLL	2' 6" NSLL - 36' 6" SNLL - 2' WWLL
1069	009-0334-006	2664	HARKNESS ST	RES	1"	1"	Rear	HYBRID	16' NSLL & 2' EWPL (In Standpipe)	
1070	009-0335-016	2665	HARKNESS ST	RES	3/4"	1"	Front/Side	HYBRID	1) 18' NSLL - 5' WEPL ROW in SP (11/8/06) 2) 13' NSLL - 5' WEPL of Lot	13' NSLL - 2' WEPL of Lot
1071	009-0334-007	2668	HARKNESS ST	RES	1"	1"	Rear	HYBRID	Wheel Valve: 15' SNLL - 3' EWPL of Lot in Standpipe	
1072	009-0335-015	2669	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID	1) 7' nsll - 7.5' wepl in c/s box (2/20/07) 2) Same - RLL	7 1/2' SNLL
1073	009-0334-008	2672	HARKNESS ST	RES	1"	1"	Rear	HYBRID	13' NSLL, 3' EWPL in box	
1074	009-0335-014	2673	HARKNESS ST	RES	1"	1"	Rear	HYBRID	5' WELL - 5 1/2' SNLL	
1075	009-0334-009	2676	HARKNESS ST	RES	1"	1"	Rear	HYBRID	1' E of WLL	91' NNPL of 2nd Ave. 95' 6" NN Curb of 2nd Ave. 7' N of SLL
1076	009-0335-013	2677	HARKNESS ST	RES	1"	1"	Rear	HYBRID	10' SNLL, 3' WELL - Next to Garage	
1077	009-0334-010	2680	HARKNESS ST	RES	3/4"	1"	Rear	HYBRID	E Side of Rt. of Way	68' NNPL of 2nd Ave

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
1078	009-0335-012	2681	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID	3' W of Main	72 1/2' NN Curb of 2nd Ave, 15 1/2' SNPL of Lot
1079	009-0334-011	2684	HARKNESS ST	RES	3/4"	1"	Rear	HYBRID	East line of Rt. of Way	40' NNPL 2nd Ave
1080	009-0335-011	2685	HARKNESS ST	RES	1"	1"	Rear	HYBRID	Same as corp cock - 3' W of Main - 6' WELL	30' NNPL 2nd Ave. 3' WELL
1081	012-0041-001	2700	HARKNESS ST	RES	1"	1"	Rear	HYBRID	3' E of Main, 1' EWLL	37' SS Curb 2nd Ave. 12' NSLL
1082	012-0042-021	2701	HARKNESS ST	RES	3/4"	1"	Front/Side	HYBRID	33' SSC of 2nd Avenue - 3' WELL	
1083	012-0041-002	2704	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID	17' NSLL - 1' EWPL	66' SSPL of 2nd Avenue
1084	012-0042-020	2705	HARKNESS ST	RES	3/4"	1"	Rear	HYBRID		74' SSPL of 2nd Ave. 10' NSLL, 6' WELL
1085	012-0041-003	2708	HARKNESS ST	RES	1"	1"	Rear	HYBRID	16' NSLL, 8' EWPL of Lot	108' SSPL of 2nd Ave. or 112' 6" SS Curb of 2nd Ave.
1086	012-0042-019	2711	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID	6 1/2' NSLL, 5' WELL	2 1/2' W of Main
1087	012-0041-004	2712	HARKNESS ST	RES	3/4"	1"	Front/Side	HYBRID	East Rt. of Way	140' SSPL of 2nd Ave
1088	012-0042-018	2713	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID		7' NSLL-3' WEPL in c/s box
1089	012-0041-005	2716	HARKNESS ST	RES	1"	1"	Rear	HYBRID	18' SNLL - 22' NSLL - 1' WWPL in Rt. of Way	Same 2' EWPL in Rt of Way
1090	012-0042-017	2717	HARKNESS ST	RES	1"	1"	Rear	HYBRID	5' WELL	197' SSC o/2nd Ave - 5.5' NSLL
1091	012-0041-006	2720	HARKNESS ST	RES	3/4"	1"	Rear	HYBRID	E Side of Rt. of Way	218' NNPL of Caramay Way
1092	012-0042-016	2723	HARKNESS ST	RES	1"	1"	Rear	HYBRID	3' W of 6" Main	212' NN Cb. of Caramay Way
1093	012-0041-007	2724	HARKNESS ST	RES	1"	1"	Rear	HYBRID	13' SNLL- 2' EWPL	191' NN Cb. Caramay way & 13' SNLL
1094	012-0042-022	2725	HARKNESS ST	RES	1"	1"	Rear	HYBRID	3' WEPL, 26' SNLL	1' WEPL, 26' SNLL
1095	012-0041-008	2728	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID	25' SNLL - 4' EWLL	
1096	012-0041-009	2732	HARKNESS ST	RES	1"	1"	Rear	HYBRID	1) 20' NSLL, 21' SNLL, 3' EWLL IN BOX (5/9/06) 2) 18' NSLL, 3' EWLL	17' NSLL, 1' WWLL
1097	012-0042-023	2733	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID	4 1/2' WELL	C/S. 17' NSLL, 4' WELL
1098	012-0041-010	2736	HARKNESS ST	RES	3/4"	1"	Front/Side	HYBRID	13' SNLL - 4' EWPL of Lot	13' SNLL, on WPL
1099	012-0042-013	2737	HARKNESS ST	RES	1"	1"	Rear	HYBRID		15 1/2' NSLL, 2' WEPL
1100	012-0041-011	2740	HARKNESS ST	RES	3/4"	1"	Rear	HYBRID	East Rt. of Way	32' NNPL of Caramay Way
1101	012-0042-012	2743	HARKNESS ST	RES	3/4"	1"	Front/Side	HYBRID	West Rt. of Way	31' NNPL of Caramay Way
1102	012-0082-018	2769	HARKNESS ST	RES	1"	1"	Rear	HYBRID	4' W of EPL of Lot	42' S of S Curb Markham Way
1103	012-0081-002	2772	HARKNESS ST	RES	1"	1"	Rear	HYBRID	4' NSLL - 6' EWLL	
1104	012-0082-017	2773	HARKNESS ST	RES	1"	1"	Rear	HYBRID	On EPL, 31 1/2' SNLL in box, 22 1/2' NSLL	31 1/2' SNLL
1105	012-0081-003	2774	HARKNESS ST	RES	1"	1"	Rear	HYBRID	22' SNLL, 4' EWLL in box	
1106	012-0082-016	2775	HARKNESS ST	RES	1"	1"	Rear	HYBRID	27' NSPL of Lot - 4' WEPL of Lot	
1107	012-0081-004	2776	HARKNESS ST	RES	1"	1"	Rear	HYBRID	2' E of W lot Line	195' SS Cb of Markham Way. 11' N of S lot Line
1108	012-0082-015	2777	HARKNESS ST	RES	1"	1"	Rear	HYBRID	2' W of 6" Main	200' SS Curb Markham Way
1109	012-0081-005	2778	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID	21' NSLL, 2' EWPL in S/P	235' SS Curb of Markham Way, 30' SNLL

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
1110	012-0082-014	2779	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID	2' 6" WEL Line	180' NN Cb. 3rd Ave. is 14' NSL Line
1111	012-0081-006	2780	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID	3' NSLL, 2' EWPL in ROW	
1112	012-0082-013	2781	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID	31' SNLL, 5' WEPL	
1113	012-0081-007	2782	HARKNESS ST	RES	1"	1"	Rear	HYBRID	11'NSLL-1' E W Lot line of ROW in S/P on PL	121' NN Cb. Line 3rd Ave is 7' 6" NS Lot Line
1114	012-0082-012	2783	HARKNESS ST	RES	1 1/2"	1 1/2"	Front/Side	STD	19 1/2' SNLL - 5 1/2' EWLL in Standpipe	18' SNLL - on EPL
1115	012-0081-008	2784	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID	19' NSLL - 31' SNLL - 1' EWLL	
1116	012-0082-011	2785	HARKNESS ST	RES	1"	1"	Rear	HYBRID	14' SNLL - on ELL	
1117	012-0081-009	2786	HARKNESS ST	RES	1"	1"	Front/Side	HYBRID	46' NNC of 3rd Avenue - 1' EWLL in SP	
1118	009-0265-016	0	LAND PARK DR	PL	NA	NA		NONE		
1119	009-0262-007	0	LAND PARK DR	PL	NA	NA		NONE		
1120	009-0262-006	2504	LAND PARK DR	COM	NA	NA	Front/Side	HYBRID		
1121	009-0295-001	2540	LAND PARK DR	RES	1"	1"	Rear	HYBRID	WL Rt. of Way	91' SSPL Y Street
1122	009-0301-025	2547	LAND PARK DR	RES	1 1/2"	1 1/2"	Rear	STD	WV 6' SNPL of 2553 Land Park, Park Drive - 1 WEPL in yard of 2553 Landing Park Drive	
1123	009-0301-028	2553	LAND PARK DR	RES	1"	1"	Rear	HYBRID	7' NSLL, 3' W of Pole line in ROW	
1124	009-0295-002	2556	LAND PARK DR	RES	1"	1"	Rear	HYBRID	3' E of Main	72' SS curb Furnett Way 21 1/2' NSPL of lot
1125	009-0301-021	2559	LAND PARK DR	RES	1"	1"	Rear	HYBRID	4'6" WELL	9' NSLL - 34' SNLL - 2' WELL
1126	009-0295-003	2562	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	3' E of Main	204' SS curb of Burnett Way, 35 1/2' SNPL of Lot
1127	009-0301-020	2565	LAND PARK DR	RES	1"	1"	Rear	HYBRID	2'NSLL, 18' SNLL, 7' WEPL in S/P in ROW	19' SNLL, 2' WELL
1128	009-0295-020	2570	LAND PARK DR	RES	1"	1"	Rear	HYBRID	55' SNLL - WLL	
1129	009-0301-019	2571	LAND PARK DR	RES	1"	1"	Rear	HYBRID		
1130	009-0301-018	2575	LAND PARK DR	RES	1"	1"	Rear	HYBRID	5' NSLL - 4' WELL	
1131	009-0295-006	2576	LAND PARK DR	RES	1"	1"	Rear	HYBRID		
1132	009-0295-007	2582	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	28' NSLL, 4' EWLL	
1133	009-0301-017	2583	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	15'NSLL, enters on WPL in ROW	340' NN curb of Larkin Way
1134	009-0295-008	2600	LAND PARK DR	RES	1"	1"	Rear	HYBRID	7' SNPL of lot - 3' EWPL of lot in box	
1135	009-0301-016	2601	LAND PARK DR	RES	1"	1"	Rear	HYBRID	1) 4' EWLL, 8' SNLL IN CONCRETE C/S BOX (11/26/06) 2) 8' SNLL - 4' WEPL of lot	
1136	009-0301-015	2605	LAND PARK DR	RES	1"	1"	Rear	HYBRID	10' SNLL, 8' WELL - In Standpipe	
1137	009-0295-009	2608	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	12' NSLL - 3' EWLL	
1138	009-0301-014	2615	LAND PARK DR	RES	1"	1"	Rear	HYBRID	4' W of 6" Main	179' NN curb Way and 12' NSLL
1139	009-0323-001	2616	LAND PARK DR	RES	1"	1"	Rear	HYBRID	3' E of Main	194 1/2' NN curb of Larkin Way, 11 1/2' NSPL lot
1140	009-0301-013	2619	LAND PARK DR	RES	3/4"	1"	Front/Side	HYBRID	22' NSLL - 4' WELL	
1141	009-0323-002	2624	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	2' EWLL	162.5' NN curb Larkin Way 20.5' SNLL
1142	009-0301-012	2627	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	west line of Rt. of Way	66' NNPL Larkin Way

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
1143	009-0323-003	2630	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	9 1/2' SNLL - 2 1/2' EWLL in ROW in SP	
1144	009-0301-011	2635	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	3' SNLL - 6' WELL	2' WELL, 3' SNLL
1145	009-0323-004	2636	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	21' SNPL of lot - 1 1/2' EWPL of lot (6/9/06)	
1146	009-0323-005	2642	LAND PARK DR	RES	1"	1"	Rear	HYBRID	5' EWPL of lot - 12' NSLL in SP	
1147	009-0323-006	2648	LAND PARK DR	RES	1"	1"	Rear	HYBRID	N of S lot line at WPL	27' S of NPL Larkin Way, 24' N of S lot line WPL
1148	009-0331-017	2651	LAND PARK DR	RES	1"	1"	Rear	HYBRID	west ROW 68' SSPL of Larkin Way	7' NSLL, 2' EWPL
1149	009-0323-007	2654	LAND PARK DR	RES	1"	1"	Rear	HYBRID	41' SNLL - 1' EWLL in Standpipe	
1150	009-0331-016	2657	LAND PARK DR	RES	1 1/2"	1 1/2"	Rear	STD	24' SNLL - 7' WEPL	
1151	009-0323-008	2660	LAND PARK DR	RES	1"	1"	Rear	HYBRID	1) 9' NSLL - 1' EWPL ROW in SP (7/19/06) 2) 8 1/2' SNLL - 41' SNLL - 1'EWPL	
1152	009-0323-009	2666	LAND PARK DR	RES	1"	1"	Rear	HYBRID	44'SNLL, 4' NSLL - 8' EWPL in a box	
1153	009-0331-015	2669	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	5' W of ELL	186' SSPL of Land Park Way or 190'6" SS curb of Larkin Way 33' S of NLL line
1154	009-0323-010	2672	LAND PARK DR	RES	1"	1"	Rear	HYBRID	1.1) 19' NSLL - 3' EWPL ROW in SP (11/22/06) 1.2) 16' NSLL - 2' EWLL in box (11/22/06) 2) East line of Rt. of Way	1) 16' NSLL - 3' WWLL (11/22/06) 2) 227' N of N cb. line of 2nd Avenue
1155	009-0331-014	2675	LAND PARK DR	RES	1"	1"	Rear	HYBRID	west side of Rt. of Way	220' N of N curb line of 2nd Avenue on Rt. of Way
1156	009-0323-011	2678	LAND PARK DR	RES	1"	1"	Rear	HYBRID	8' NSLL - 4' EWLL	
1157	009-0331-013	2681	LAND PARK DR	RES	1"	1"	Rear	HYBRID	west line of Rt. of Way	184' NNPL 2nd Avenue
1158	009-0323-012	2684	LAND PARK DR	RES	1"	1"	Rear	HYBRID	11' SNLL, 3' EWPL - under deck	
1159	009-0331-012	2685	LAND PARK DR	RES	1"	1"	Rear	HYBRID	15' NSLL, 34' SNLL, 3' WELL in s/p	
1160	009-0323-013	2690	LAND PARK DR	RES	1"	1"	Rear	HYBRID	9' E of Main in lot	62' NN curb of 2nd Avenue or Rt. of Way
1161	009-0331-011	2691	LAND PARK DR	RES	1"	1"	Rear	HYBRID	west line of Rt. of Way	84' NN Curb 2nd Avenue
1162	009-0323-014	2696	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	3 1/2' E of Main	53' NN curb of 2nd Avenue, 3 1/2' SNPL of lot
1163	009-0331-010	2697	LAND PARK DR	RES	2"	2"	Front/Side	STD	Same & 1' WWC 2nd Street	177' NNC O Street -28' EWC 2nd Street
1164	012-0031-001	2700	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	55' SSC of 2nd Ave, 1' WWPL of 2700 Land Park	55 1/2' SS curb of 2nd Avenue, 11' NSPL of lot
1165	012-0032-017	2701	LAND PARK DR	RES	1"	1"	Rear	HYBRID	46' SSPL of 2nd Avenue - 9' NSLL	
1166	012-0031-002	2706	LAND PARK DR	RES	1"	1"	Rear	HYBRID	4' E of Main, 2' EWLL, 38' SNLL	91' SS curb 2nd Avenue 38' SNLL
1167	012-0032-016	2707	LAND PARK DR	RES	1"	1"	Rear	HYBRID	Same as corp cock - 2 - 1/2' W of Main - 5' WELL	4' NSLL - 46' SNLL
1168	012-0031-003	2710	LAND PARK DR	RES	1"	1"	Rear	HYBRID	2' NSLL & 2' EWLL (Standpipe)	146 1/2' SSC of 2nd Avenue - 2' Avenue 2' NSPL of lot
1169	012-0032-015	2711	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	26' NSLL - 19' SNLL - 4' WEPL of lot	

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
1170	012-0031-004	2714	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	1 1/2' EWPL of lot	167 1/2' SS curb of 2nd Avenue, 29 1/2' NSPL of lot
1171	012-0032-014	2715	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	1) 41' SNLL, 3' WEPL in utility shed in s/p (2/1/06) 2) 41' SNLL, 5' WELL	41' SNLL, 1' WEPL (2/1/06)
1172	012-0031-005	2718	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	1) 10' NSLL, 2' EWLL (9/6/05) 2) 9 1/2' NSLL - 41' SNLL - 2' EWLL	10' EWLL, 2' NNPL
1173	012-0032-013	2719	LAND PARK DR	RES	1"	1"	Rear	HYBRID	west line of Rt. of Way	210' NN curb Caramay Way
1174	012-0031-006	2722	LAND PARK DR	RES	1"	1"	Rear	HYBRID	WPL of lot	268' SS curb of 2nd Avenue 21' SNPL of lot
1175	012-0032-012	2723	LAND PARK DR	RES	1"	1"	Rear	HYBRID	est line Rt. of Way	170' NNPL Caramay way
1176	012-0031-007	2726	LAND PARK DR	RES	1 1/2"	1 1/2"	Front/Side	STD	17' NSLL, 31' SNLL, 2' EWPL ROW in s/p	17' NSLL, 31' SNLL, 2' WWPL ROW
1177	012-0032-011	2727	LAND PARK DR	RES	1"	1"	Rear	HYBRID	31' NSLL, 4' WEPL in box	31' NSLL, 1' WEPL
1178	012-0031-008	2730	LAND PARK DR	RES	1"	1"	Rear	HYBRID	6' E of 10 Main	23' SNPL of lot and 25' N of SPL lot
1179	012-0032-010	2731	LAND PARK DR	RES	1"	1"	Rear	HYBRID	west line of Rt. of Way	80' NN curb caramay Way
1180	012-0031-009	2734	LAND PARK DR	RES	1"	1"	Rear	HYBRID	WPL of lot	21' NN curb Way 6 1/2' NSPL of lot
1181	012-0032-009	2735	LAND PARK DR	RES	1"	1"	Rear	HYBRID	6' WEPL, 7' SNLL in box	
1182	012-0031-010	2738	LAND PARK DR	RES	1"	1"	Rear	HYBRID	#1 c/s - 2' EWLL, 17' NSLL #2 c/s - 2 1/2' EWLL, 18' NSLL	17' NSLL, on WPL
1183	012-0031-011	2742	LAND PARK DR	RES	1"	1"	Rear	HYBRID	5'NSLL, 3'EWLL of 2742 Land Park Dr. in box	
1184	012-0033-010	2743	LAND PARK DR	RES	1"	1"	Rear	HYBRID	44' SNLL 6' WELL	
1185	012-0031-012	2746	LAND PARK DR	RES	1 1/4"	1"	Front/Side	HYBRID	1'EWLL, 27'NSLL in s/p	
1186	012-0033-009	2747	LAND PARK DR	RES	1"	1"	Rear	HYBRID	west side of Rt. of Way	86' S of S curb line of Caramay Way
1187	012-0031-013	2750	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	2' E of W line of lot	21' N of S line of lot
1188	012-0033-008	2751	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	30' SNLL, 22' NSLL, 3' WELL in s/p	
1189	012-0031-014	2756	LAND PARK DR	RES	1"	1"	Rear	HYBRID	31' NSLL on 1' EWLL in ROW (Standpipe) 36' SNLL	
1190	012-0033-007	2757	LAND PARK DR	RES	1 1/2"	1 1/2"	Rear	STD	9' NSLL - 2' WELL in Standpipe	9' NSLL - 3' EWLL
1191	012-0033-006	2765	LAND PARK DR	RES	1"	1"	Rear	HYBRID	E. side of Rt. of Way	25' N of N curb line of Markham Way
1192	012-0031-015	2766	LAND PARK DR	RES	1 1/2"	1 1/2"	Rear	STD	56 1/2' NNPL of Markham Way, 3 1/2' EWLL	54' NNPL of Markham Way
1193	012-0073-022	2769	LAND PARK DR	RES	1 1/2"	1 1/2"	Rear	STD	Same - 11' WELL	4' NSLL - 7' WELL
1194	012-0073-021	2771	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	7' W of E lot line	66' SSPL of Marty Way 26.5' SN lot line
1195	012-0073-020	2773	LAND PARK DR	RES	1"	1"	Rear	HYBRID	14' NSLL - 7' WELL	
1196	012-0073-019	2775	LAND PARK DR	RES	1"	1"	Rear	HYBRID	2 1/2' W of Main	219 1/2' SS curb of Markham Way, 24' SNPL lot
1197	012-0073-018	2777	LAND PARK DR	RES	1"	1"	Rear	HYBRID	3' W of Main	275' SS curb of Markham Way, 20' NSPL of lot
1198	012-0073-017	2779	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	3' W of 6" Main	263' NN curb 3rd Avenue, 7' SNLL

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1199	012-0073-016	2781	LAND PARK DR	RES	1"	1"	Rear	HYBRID	8' NSLL, 7' WELL	220' NN Cb., 3rd Avenue and 10' NSLL
1200	012-0073-015	2783	LAND PARK DR	RES	1"	1"	Rear	HYBRID		
1201	012-0073-014	2785	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	49' SNLL - 5' NSLL - 5' WEPL	2' WEPL
1202	012-0073-013	2787	LAND PARK DR	RES	1 1/2"	1 1/2"	Rear	STD	15' NSLL, 5' WEPL in S/P	15' NSLL, 2' WEPL
1203	012-0073-012	2789	LAND PARK DR	RES	1 1/2"	1 1/2"	Rear	STD	Same - 6' WELL	23' SNLL - 3' WELL
1204	012-0123-020	2801	LAND PARK DR	RES	1"	1"	Rear	HYBRID	Same as corp cock - 3' W of Main 2.5' WELL	37' SSC 3rd Avenue 31' NSLL
1205	012-0123-019	2809	LAND PARK DR	RES	1"	1"	Rear	HYBRID	3' W of 6 Main	115' SS curb of 3rd Avenue 40 1/2' SNLL
1206	012-0123-018	2817	LAND PARK DR	RES	1"	1"	Rear	HYBRID	26' NSLL, 3' W of main in ROW.	159' SS curb 3rd Avenue 26' NSLL
1207	012-0123-017	2825	LAND PARK DR	RES	1"	1"	Rear	HYBRID	Same - 7' WELL	36 1/2' SNLL - 30' WELL
1208	012-0123-016	2833	LAND PARK DR	RES	1"	1"	Rear	HYBRID	5' WELL	292' NN cb. Vallejo Way 22 1/2' NSLL
1209	012-0123-015	2901	LAND PARK DR	RES	1"	1"	Rear	HYBRID	29' NSLL - 4 WEPL in box	29' NSLL 2' WEPL
1210	012-0123-014	2909	LAND PARK DR	RES	1"	1"	Rear	HYBRID	3' W of Main	199 1/2' NN curb of Vallejo Way 9 1/2' NSPL of lot
1211	012-0123-013	2917	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	2 1/2' W of Main	147' NN curb Vallejo Way, 8' NSPL lot
1212	012-0123-012	2925	LAND PARK DR	RES	1"	1"	Rear	HYBRID	3' EWLL	83' NNPL Vallejo Way
1213	012-0123-011	2931	LAND PARK DR	RES	1"	1"	Front/Side	HYBRID	6' SNLL, 6' WELL in box	72' NNC of Vallejo Wy
1214	009-0370-007	1100	LARKIN WY	RES	NA	NA	Rear	DWG D6		
1215	009-0370-006	1140	LARKIN WY	RES	3/4"	NA	Rear	DWG D6	80'SSC of Larkin-18'WELL of 1140 Larkin in box	
1216	009-0370-005	1142	LARKIN WY	RES	1"	NA	Rear	DWG D6		
1217	009-0370-004	1144	LARKIN WY	RES	1"	NA	Rear	DWG D6		
1218	009-0370-003	1146	LARKIN WY	RES	1"	NA	Rear	DWG D6		
1219	009-0370-002	1148	LARKIN WY	RES	1"	NA	Rear	DWG D6		
1220	009-0370-001	1150	LARKIN WY	RES	6"	NA	Rear	DWG D6	21' WELL - 2' NSLL in ROW	
1221	009-0321-020	1155	LARKIN WY	RES	1"	1"	Rear	HYBRID	23' EWLL, 2' SNLL	NPL ROW
1222	009-0321-021	1156	LARKIN WY	RES	1"	1"	Rear	HYBRID	29' WELL 20' EWLL 4' NSPL in box	29' WELL - 21' EWLL
1223	009-0321-022	1164	LARKIN WY	RES	1"	1"	Rear	HYBRID	7'EWLL, 4'NSLL in box	320'WWC of 13th St, 8'EWLL
1224	009-0321-019	1171	LARKIN WY	RES	1"	1"	Rear	HYBRID	4' EWLL 1' SNPL in box	
1225	009-0321-023	1172	LARKIN WY	RES	1"	1"	Front/Side	HYBRID	5' EWLL - 4' NSLL	1' NSLL - 5' EWLL
1226	009-0321-018	1177	LARKIN WY	RES	1"	1"	Rear	HYBRID	NPL	4' EWLL Rt. of Way
1227	009-0321-017	1181	LARKIN WY	RES	1"	1"	Rear	HYBRID	NPL	21' EWLL
1228	009-0321-024	1200	LARKIN WY	RES	1"	1"	Rear	HYBRID	4' NSLL	227 WW Cb 13th Street & 19 EWLL
1229	009-0321-025	1208	LARKIN WY	RES	1"	1"	Rear	HYBRID	178' WWC 13 St 18' WELL, 4' NSPL	
1230	009-0321-016	1215	LARKIN WY	RES	1"	1"	Rear	HYBRID	Same - NPL of lot	21' EWLL
1231	009-0321-026	1216	LARKIN WY	RES	1"	1"	Rear	HYBRID	28' WELL 4' NSPL	
1232	009-0321-015	1221	LARKIN WY	RES	1"	1"	Rear	HYBRID	Same - NPL of lot	18' EWLL
1233	009-0321-027	1224	LARKIN WY	RES	1"	1"	Front/Side	HYBRID	5' NSPL - 2' EWLL in box	1' NSPL - 2' EWLL

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
1234	009-0321-028	1232	LARKIN WY	RES	1"	1"	Rear	HYBRID	4' NSLL	86 1/2' WW Cb, 13th Street & 3 1/2' EWLL
1235	009-0321-014	1233	LARKIN WY	RES	1"	1"	Rear	HYBRID		
1236	009-0321-029	1240	LARKIN WY	RES	1"	1"	Front/Side	HYBRID	4' NSLL	46' WW Cb 13th Street & 3 1/2'. EWLL
1237	009-0321-013	1241	LARKIN WY	RES	1"	1"	Rear	HYBRID	1' EWLL, 2' SNLL, in ROW	45' WWLL
1238	009-0301-010	1541	LARKIN WY	RES	1"	1"	Rear	HYBRID	5 1/2' E. of 6" main	35' NN Curb of Larkin Way
1239	009-0335-021	1732	LARKIN WY	RES	3/4"	1"	Front/Side	HYBRID	west Rt. of Way	37' SSPL of Larkin Way
1240	009-0335-001	1742	LARKIN WY	COM	1"	1"	Front/Side	HYBRID	23' NSLL - 3' EWPL in rear	
1241	010-0332-001	1800	LARKIN WY	RES	1"	1"	Front/Side	HYBRID	13' WELL - 7' NSLL in S/P	
1242	010-0331-020	1801	LARKIN WY	RES	3/4"	1"	Rear	HYBRID	1) 9' WELL - 2' SNLL (9/25/06) 2) 13' WELL - 2' SNPL of lot	
1243	010-0332-002	1804	LARKIN WY	RES	1"	1"	Rear	HYBRID	1) 8' NSLL, 19' WELL IN S/P (7/2/06) 2) 20' WELL - 6' NSLL in box(7/3/06) 3) 19 1/2' EWLL - 7' NSPL	
1244	010-0331-019	1805	LARKIN WY	RES	1"	1"	Rear	HYBRID	Same as corp - 18" SNLL	13' WEPL of lot
1245	010-0332-003	1808	LARKIN WY	RES	3/4"	1"	Rear	HYBRID	18' EWLL - 4' NSPL	18' EWLL - on SPL
1246	010-0331-018	1809	LARKIN WY	RES	1"	1"	Rear	HYBRID	12 WEPL of lot - 2 1/2' SNPL of lot	13' WEPL of lot
1247	010-0332-004	1812	LARKIN WY	RES	1"	1"	Rear	HYBRID	14' EWLL - 25' WELL 6' NSPL Rt. of Way	14' EWLL, 25' WELL, 4' NSPL Rt. of Way
1248	010-0331-017	1813	LARKIN WY	RES	1"	1"	Rear	HYBRID	Same as corp cock - 2' SNLL	156' EEC 18th Street. 152' EEPL 18th Street 10' WELL
1249	010-0332-005	1816	LARKIN WY	RES	1"	1"	Rear	HYBRID	4' NSLL, 9' EWLL	
1250	010-0331-016	1817	LARKIN WY	RES	1"	1"	Rear	HYBRID	3' South of Main or 9' West of East lot line	31' East of West lot line or 9' West of East LL
1251	010-0331-015	1821	LARKIN WY	RES	1"	1"	Rear	HYBRID	32' WELL 10' EWLL 2' NSPL Rt. of Way	31' WELL, 11' EWLL, L 2' SNPL, Rt. of Way
1252	010-0332-006	1822	LARKIN WY	RES	1"	1"	Rear	HYBRID	23' EWLL, 9.5' NSPL of ROW in box	23' EWLL, 4' NSPL of ROW
1253	010-0332-007	1824	LARKIN WY	RES	1"	1"	Rear	HYBRID	20' WELL- 2' NSPL of ROW in s/p	23' WELL- 3' SSPL in ROW
1254	010-0331-014	1825	LARKIN WY	RES	1"	1"	Rear	HYBRID	8' WELL - 2' SNPL in ROW	
1255	010-0332-008	1828	LARKIN WY	RES	3/4"	1"	Rear	HYBRID	1) 7' EWLL, 3' NSLL in ROW (11/2/05) 2) N Rt. of Way	140' WWPL of 19th Street
1256	010-0331-013	1829	LARKIN WY	RES	1"	1"	Front/Side	HYBRID	2' SNPL, 9 1/2' WEPL in Standpipe	
1257	010-0332-009	1832	LARKIN WY	RES	1"	1"	Rear	HYBRID		41' EWLL - 5' EWLL - 1' NSPL Rt. of Way
1258	010-0331-012	1833	LARKIN WY	RES	1"	1"	Rear	HYBRID	1) 2' SNLL, 20' WEPL in box (9/20/05) 2) Same as corp cock - 2' SNLL	77' WWC Freeport Blvd 73' WWPL Freeport Blvd 24' EWLL
1259	010-0332-010	1836	LARKIN WY	RES	3/4"	1"	Rear	HYBRID	10' EWLL & 2' NSLL	
1260	010-0331-011	1837	LARKIN WY	RES	1"	1"	Rear	HYBRID	4' EWLL, 2' SNPL, on NPL in ROW, behind Garage in box	4' EWLL, 2' NNPL
1261	010-0337-022	1900	LARKIN WY	RES	3/4"	1"	Front/Side	HYBRID	WV 21 NSLL - 3' WELL	

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1262	012-0022-015	1111	MARKHAM WY	RES	1"	1"	Rear	HYBRID	1) 9' ewll - 1' snpl (7/24/07) 2) 9' EWPL of Lot - on NPL of Lot	
1263	012-0022-014	1121	MARKHAM WY	RES	1"	1"	Rear	HYBRID	4 1/2' EWLL - 2 1/2' SNLL	
1264	012-0022-013	1131	MARKHAM WY	RES	1"	1"	Rear	HYBRID	8' EWLL - 2' NNPL in ROW	
1265	012-0022-012	1141	MARKHAM WY	RES	1"	1"	Rear	HYBRID	16' EWLL, 5' SNPL	
1266	012-0022-011	1149	MARKHAM WY	RES	1"	1"	Front/Side	HYBRID	10' EWLL - 2' SNLL	
1267	012-0022-010	1157	MARKHAM WY	RES	1"	1"	Rear	HYBRID	4' EWLL - 2' SNLL	
1268	012-0022-009	1165	MARKHAM WY	RES	1"	1"	Rear	HYBRID	5.5' N of S Lot Line	47' WW Cb of 12th St
1269	012-0023-014	1201	MARKHAM WY	RES	1 1/2"	1 1/2"	Rear	STD	16' nnc 16' ewpl	14' nnc on wpl
1270	012-0023-027	1223	MARKHAM WY	RES	1 1/2"	1 1/2"	Front/Side	STD	16' NNC of Markham - 6' EWPL in box	14' NNC of Markham- On WPL
1271	012-0024-018	1301	MARKHAM WY	RES	1 1/4"	1"	Rear	HYBRID	23' 6" SNLL- 90' NNPL of Markham way -5' WEPL in Right of Way	23' SNLL- 90'6" NNPL of markham way - 1' 6" WEPL in Right of Way
1272	012-0073-001	1540	MARKHAM WY	RES	1"	1"	Front/Side	HYBRID	45' SNLL - @ 1' EWLL, 25' NSLL	
1273	012-0074-001	1546	MARKHAM WY	RES	1"	1"		FYS RPL	1' S of Walk - on ELL	
1274	012-0036-019	1553	MARKHAM WY	RES	1"	1"	Rear	HYBRID	1' WELL	112' EE Curb of Marty Way, 100' SS Caramay Way, 1' SNLL
1275	012-0036-018	1555	MARKHAM WY	RES	1"	1"	Rear	HYBRID	NPL of Lot Line	132' EE Curb of Marty Way, 6' WEPL of Lot
1276	012-0074-002	1556	MARKHAM WY	RES	1"	1"		FYS RPL	SPL	At West Line of Lot
1277	012-0036-017	1561	MARKHAM WY	RES	1"	1"	Rear	HYBRID	48' EEC of Marty & 2' NNC of Markham	
1278	012-0074-003	1600	MARKHAM WY	RES	1"	1"		FYS RPL	ELL - Back of Curb	ELL
1279	012-0074-004	1604	MARKHAM WY	RES	1"	1"		FYS RPL	WV. 1' SNLL - on WLL	
1280	012-0036-016	1607	MARKHAM WY	RES	1"	1"	Front/Side	HYBRID	18' 6" EWLL, 6" SNPL of Lot	220' EEPL of Marty Way, or 224' 6" EE Curb of Marty Way
1281	012-0074-005	1608	MARKHAM WY	RES	1"	1"		FYS RPL	3' West of Main	32' South of South P Line Markham Way
1282	012-0036-015	1611	MARKHAM WY	RES	1"	1"	Rear	HYBRID	21' EWLL - 2' SSPL of ROW	
1283	012-0074-006	1612	MARKHAM WY	RES	1"	1"		FYS RPL	3.6' E of W Lot Line	80 S of S Curb Line of Markham Way and is also 76' N of S Line of Lot
1284	012-0036-014	1615	MARKHAM WY	RES	1"	1"	Rear	HYBRID	8' S of 6" Main	107' WW Curb of 17th St
1285	012-0074-007	1616	MARKHAM WY	RES	1"	1"		FYS RPL	SPL Markham Way	At East Line of Lot
1286	012-0074-008	1620	MARKHAM WY	RES	1 1/4"	1"		FYS RPL	Same as Corp Cock - 1' E of WLL 14" SSPL of Markham Way	45' WWPL of 17th Street, or 49' 6" WW Curb of 17th St
1287	012-0036-024	1621	MARKHAM WY	RES	1 1/2"	1 1/2"	Rear	STD	WV. 8' EWLL - 4' SNPL in S/P 1) 7' WELL - 12' NSLL(4/21/06) 2) 1" c/s- 12' NSLL 6' WEPL in box (4/19/06) 3) 12' NSLL, 7' WELL in S/P	
1288	012-0081-018	1700	MARKHAM WY	RES	1"	1"	Front/Side	HYBRID		
1289	012-0045-053	1701	MARKHAM WY	RES	1 1/2"	1 1/2"	Rear	STD	8' S of 6" Main	51' EE Curb of 17st St
1290	012-0045-052	1709	MARKHAM WY	RES	3/4"	1"	Front/Side	HYBRID	6' EWLL - 1' NNLL	
1291	012-0045-051	1715	MARKHAM WY	RES	1"	1"	Rear	HYBRID	6' WELL in ROW, 3' SNPL in c/s box	

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
1292	012-0081-001	1716	MARKHAM WY	RES	1"	1"	Rear	HYBRID	Same as Corp Cock - 18' NSPL of Lot, 2' EWLL	33' SSPL Markham Way, 37' SSC Markham Way
1293	012-0045-050	1719	MARKHAM WY	RES	1"	1"	Rear	HYBRID	1.5' S of N Lot Line	211.5' EE Cb of 17th St, 10' W of E Lot Line
1294	012-0045-049	1723	MARKHAM WY	RES	1"	1"	Front/Side	HYBRID	2' SN Line Lot	208.5' WW Cb of 18th St, 23' WE Lot Line
1295	012-0045-048	1729	MARKHAM WY	RES	1"	1"	Front/Side	HYBRID	18' EWPL of Lot - on Rear LL	
1296	012-0045-047	1737	MARKHAM WY	RES	1"	1"	Front/Side	HYBRID	24' WELL - 48' EWLL - 2' SNLL in Pipe	26' WELL - 46' EWLL
1297	012-0045-046	1741	MARKHAM WY	RES	1"	1"	Rear	HYBRID	23'SNPL of ROW 5' WELL in box	
1298	012-0045-045	1779	MARKHAM WY	RES	1"	1"	Rear	HYBRID	9' S of Main in Rt Way	11.6' EE Curb Line 18th Street
1299	012-0045-044	1789	MARKHAM WY	RES	1"	1"	Front/Side	HYBRID	14' EWLL, 2' SNLL	
1300	012-0045-043	1799	MARKHAM WY	RES	1"	1"	Front/Side	HYBRID	8' S of 6" Main	21' EE Curb 18th St, 21' EWLL
1301	012-0083-017	1800	MARKHAM WY	RES	1"	1"	Front/Side	HYBRID	3 1/2' WELL, 58' EEC of 18th St, 4' NSLL	1) 4 1/2' WELL, 59' EEC of 18th St 2) 5 1/2' WELL, 58' EEC of 18th St
1302	012-0045-042	1801	MARKHAM WY	RES	1"	1"	Rear	HYBRID	10 ewll 2' snpl in box	9' S of 6" Main
1303	012-0045-041	1809	MARKHAM WY	RES	1"	1"	Front/Side	HYBRID	15' EWLL - 2' SNLL in ROW	
1304	012-0083-018	1810	MARKHAM WY	RES	1"	1"	Front/Side	HYBRID	26' WELL, 4' NSPL	
1305	012-0083-019	1816	MARKHAM WY	RES	1"	1"	Rear	HYBRID	15' EWLL - 4' NSLL	23' WELL - 17' EWLL
1306	012-0045-040	1817	MARKHAM WY	RES	1"	1"	Rear	HYBRID	19' 6" WELL - 21' EWLL - 1' SNPL in Right of Way	18' 6" WELL - 22' EWLL - 7' NNPL in Right of Way
1307	012-0083-020	1824	MARKHAM WY	RES	3/4"	1"	Rear	HYBRID	13' EWLL - 28' WELL - 2' NSPL of Lot	
1308	012-0045-039	1825	MARKHAM WY	RES	1"	1"	Rear	HYBRID	9' WELL & 31' EWLL & 1' SNLL	11' WELL & 29' EWLL & 7' NNLL
1309	012-0083-021	1832	MARKHAM WY	RES	3/4"	1"	Front/Side	HYBRID	15' EWLL - on SPL of 1832 Markham	
1310	012-0045-038	1833	MARKHAM WY	RES	1"	1"	Rear	HYBRID	36' WELL - 4' EWLL - 7' NNPL Rt of Way	36' WELL - 4' EWLL - 1' SNPL Rt of Way
1311	012-0083-022	1840	MARKHAM WY	RES	1"	1"	Rear	HYBRID	8' EWLL, 1' NSLL	89' WWC of 19th Street
1312	012-0045-037	1841	MARKHAM WY	RES	1"	1"	Rear	HYBRID	NPL Lot	72' WWPL 19th St in Maple Park, 8' EWL of Lot
1313	012-0083-001	1848	MARKHAM WY	RES	3/4"	1"	Rear	HYBRID	2' North of Main	53' WW Curb 19th St
1314	012-0045-036	1849	MARKHAM WY	RES	1"	1"	Front/Side	HYBRID	6' EWLL - on NPL of ROW	
1315	012-0045-035	1857	MARKHAM WY	RES	1"	1"	Front/Side	HYBRID	4'SNPL - 22' WELL in Box.	
1316	012-0084-022	1900	MARKHAM WY	RES	1"	1"	Front/Side	HYBRID	2' S SPL Markham Way	31' EE Cb 19th St, and 6" S of Side
1317	012-0045-034	1901	MARKHAM WY	RES	1"	1"	Rear	HYBRID	8' EWLL - 6 1/2' SNPL in box	
1318	012-0045-033	1909	MARKHAM WY	RES	5/8"	1"	Rear	HYBRID	15' EWLL, 2' SNPL in a box	
1319	012-0084-023	1914	MARKHAM WY	RES	1"	1"	Front/Side	HYBRID	4' SSPL Markham Way	226' WW Cb Freeport Blvd & 40' EWLL
1320	012-0045-032	1917	MARKHAM WY	RES	1"	1"	Rear	HYBRID	15' WELL - 2' SNPL in Rear	
1321	012-0084-024	1924	MARKHAM WY	RES	1"	1"	Front/Side	HYBRID	WV. Loc. 17' SSC of Markham - 5' EWLL	
1322	012-0045-031	1925	MARKHAM WY	RES	1"	1"	Rear	HYBRID	NPL of Lot	174' WW Curb Freeport Blvd, 5' EWPL of Lot
1323	012-0084-025	1932	MARKHAM WY	RES	3/4"	1"	Front/Side	HYBRID	8' WELL - 17 1/2' SSC of Markham	
1324	012-0045-030	1933	MARKHAM WY	RES	1"	1"	Front/Side	HYBRID	16' EWLL, 6" SNLL in ROW	

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
1325	012-0084-026	1940	MARKHAM WY	RES	1"	1"	Front/Side	HYBRID	17'WELL-17'SSC in s/p	97 1/2' WW Curb of Freeport Blvd, 17' WEPL Lot
1326	009-0265-015	2541	MARTY WY	RES	1"	1"	Front/Side	HYBRID	9' WEPL of 2541 - 43 Marty Way, 3' SNLL of 2541 - 43 Marty Way	3' SNLL of 2541 - 43 Marty Way, 7' WEPL of 2541-43 Marty Way
1327	009-0302-034	2545	MARTY WY	RES	1"	1"	Rear	HYBRID	West Side of Rt. Of way	220' S. of S. Curb on Land Park Drive also 20' S. of NPL of lot
1328	009-0302-033	2549	MARTY WY	RES	1"	1"	Rear	HYBRID	2 2/1' W. of Main	92' SS Curb of Land Park Drive 12' SNPL of Lot.
1329	009-0302-032	2553	MARTY WY	RES	1 1/2"	1 1/2"	Rear	STD	2' NSLL on WPL in box	On SLL - 1' WWPL
1330	009-0302-031	2557	MARTY WY	RES	1"	1"	Front/Side	HYBRID	11' WELL	186' SSCb Land Park Drive, 12 1/2' NSLL
1331	009-0301-026	2560	MARTY WY	RES	1"	1"	Rear	HYBRID	23' NSLL - 2' EWLL	
1332	009-0302-030	2561	MARTY WY	RES	1"	1"	Rear	HYBRID	1) 15.5' SNLL, 12' EWLL in c/s box (4/8/06) 2) 12' WELL - 15' SNLL is S/P	7' WELL - 15' SNLL
1333	009-0302-029	2565	MARTY WY	RES	1"	1"	Rear	HYBRID	10' W E Lot Line	468' NNCb Line Larkin Way is 33' SNL Line
1334	009-0302-028	2569	MARTY WY	RES	3/4"	1"	Rear	HYBRID	West Line of Rt. of Way	445' SSPL Land Park Drive
1335	009-0301-002	2572	MARTY WY	RES	3/4"	1"	Rear	HYBRID	East Line of Rt. of Way	309' SSPL Burnett Way
1336	009-0302-027	2573	MARTY WY	RES	1"	1"	Rear	HYBRID	9' WE lot line	385' NNCb Larkin Way 34' 6" SN lot Line
1337	009-0302-026	2577	MARTY WY	RES	1"	1"	Rear	HYBRID	11' 6" WEL line	360' NNCb Line Larkin Way is 20' 6" SN Lot Line
1338	009-0301-003	2578	MARTY WY	RES	1"	1"	Rear	HYBRID	Same & 3' EWPL	27' NSLL - 23' SNLL - 3' WWPL
1339	009-0302-025	2581	MARTY WY	RES	1"	1"	Front/Side	HYBRID	1) 15.5' WELL, 9' NSLL in box (2/21/06)2) 2) 9' NSLL, 12' WELL	
1340	009-0301-004	2600	MARTY WY	RES	1"	1"	Rear	HYBRID	9' NSLL, 2' EWLL in S/P	
1341	009-0302-024	2601	MARTY WY	RES	1"	1"	Rear	HYBRID	3 1/2' W of 4" Main	266 1/2' NN curb of Larkin Way
1342	009-0301-005	2604	MARTY WY	RES	1"	1"	Front/Side	HYBRID		
1343	009-0302-023	2605	MARTY WY	RES	1"	1"	Front/Side	HYBRID	9' WELL 7' SNPL in box	
1344	009-0301-006	2610	MARTY WY	RES	1"	1"	Rear	HYBRID	6" ENL line	237' NNCb Larkin Way is 22' SNL Line
1345	009-0302-022	2611	MARTY WY	RES	1"	1"	Rear	HYBRID	3' W of 4" Main	199' NN Curb of Larkin Way
1346	009-0301-007	2618	MARTY WY	RES	1"	1"	Rear	HYBRID	East Line of Rt. of Way	177' NN Curb Larkin Way
1347	009-0302-021	2619	MARTY WY	RES	1"	1"	Rear	HYBRID	25'NSLL, 16'SNLL, 14'WEPL in S/P	5' W of 4" Main
1348	009-0301-008	2626	MARTY WY	RES	1"	1"	Rear	HYBRID	#1) 3' EWPL, 26' SNLL, 17' NSLL in c/s box #2) 4' WEPL, 22' NSLL in standpipe	
1349	009-0302-020	2627	MARTY WY	RES	1"	1"	Rear	HYBRID	8' W. of 4" Main	113' NN Curb Larkin Way

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
1350	009-0301-009	2632	MARTY WY	RES	1"	1"	Rear	HYBRID	13' SNLL - 1' EWPL of Lot	
1351	009-0302-019	2633	MARTY WY	RES	1"	1"	Rear	HYBRID	4 1/2' N of 4" Main	70 1/2' NN Curb of Larkin Way
1352	009-0302-018	2639	MARTY WY	RES	1"	1"	Rear	HYBRID	46' NNC of ST - 11' WELL	
1353	009-0331-001	2650	MARTY WY	RES	1"	1"	Rear	HYBRID	5' NSLL - 3' EWPL of Lot	
1354	009-0332-020	2651	MARTY WY	RES	1"	1"	Rear	HYBRID	14' NSLL - 10 WEPL	3' W of Main
1355	009-0332-019	2655	MARTY WY	RES	1"	1"	Rear	HYBRID	7.5' WELL	74.5' S.S. Curb Larkin Way 25' SNLL
1356	009-0331-002	2656	MARTY WY	RES	1"	1"	Front/Side	HYBRID		
1357	009-0331-003	2658	MARTY WY	RES	1"	1"	Rear	HYBRID	28' SNLL - @ WPL	
1358	009-0332-018	2659	MARTY WY	RES	1"	1"	Front/Side	HYBRID	5' E of 6" Main	129' SS Curb of Larkin Way
1359	009-0331-004	2668	MARTY WY	RES	1"	1"	Front/Side	HYBRID	5 1/2' E. of 6" Main	192' SS Curb of Larkin Way
1360	009-0332-017	2669	MARTY WY	RES	1"	1"	Front/Side	HYBRID	Same - 8' WELL	8' SNLL - 41' NSLL - 4' WELL
1361	009-0331-005	2674	MARTY WY	RES	1"	1"	Rear	HYBRID	21' SNLL, 12' NSLL	239 1/2' NN curb of 2nd Ave. 12' NSLL
1362	009-0332-016	2675	MARTY WY	RES	1"	1"	Rear	HYBRID	3' SNLL - 8' WELL in S/P	
1363	009-0331-006	2680	MARTY WY	RES	1"	1"	Front/Side	HYBRID	ft E of 6" Main	200' NN Curb of 2nd Ave.
1364	009-0332-015	2683	MARTY WY	RES	1"	1"	Rear	HYBRID	12' SNLL on WPL in ROW	
1365	009-0331-007	2684	MARTY WY	RES	1"	1"	Rear	HYBRID	27' NSLL, 2' EWPL ROW in s/p	137' NN Curb 2nd Ave., 28' NSLL
1366	009-0332-014	2685	MARTY WY	RES	3/4"	1"	Rear	HYBRID	1' SNLL - 3' WEPL	
1367	009-0331-008	2690	MARTY WY	RES	1"	1"	Rear	HYBRID	8' E. of 6" Main	87.6' NN Curb of 2nd Ave.
1368	009-0332-013	2691	MARTY WY	RES	1"	1"	Rear	HYBRID	3' W. of 6" Main	85' NN Curb of 2nd Ave.
1369	009-0332-012	2693	MARTY WY	RES	1"	1"	Front/Side	HYBRID	11' SNLL - 7' WELL in ROW or 44'NNC of 2nd Ave, 7'WEPL under deck in c/s box.	
1370	009-0331-009	2694	MARTY WY	RES	1"	1"	Rear	HYBRID	3' E. of Main	45' NN curb of 2nd Ave, 7 1/2' SNPL of Lot
1371	012-0032-001	2700	MARTY WY	RES	1 1/2"	1 1/2"	Rear	STD	18' NSLL - & 2' EWLL	18' NSLL - 1' WWLL
1372	012-0034-020	2701	MARTY WY	RES	1"	1"	Rear	HYBRID	2 1/2' W. of Main	38' SS Curb of 2nd Ave. 18' NSPL of Lot
1373	012-0034-019	2707	MARTY WY	RES	1"	1"	Rear	HYBRID	3' WELL	96' SS Curb 2nd Avenue, 8' NSLL
1374	012-0034-018	2711	MARTY WY	RES	1"	1"	Rear	HYBRID	3' NSLL - 2' WELL under Tree Stump	
1375	012-0032-002	2712	MARTY WY	RES	1"	1"	Rear	HYBRID	8' NSLL - 3' EWLL	
1376	012-0032-003	2716	MARTY WY	RES	1"	1"	Rear	HYBRID	7' NSLL, 6' EWPL	196' SS Curb of 2nd Ave.
1377	012-0034-017	2717	MARTY WY	RES	1"	1"	Rear	HYBRID	4' W of Main	196' SS Curb of 2nd Ave, 7' NSPL of Lot
1378	012-0032-004	2720	MARTY WY	RES	1"	1"	Rear	HYBRID	5' EWLL - 31' NSLL	
1379	012-0034-016	2721	MARTY WY	RES	1"	1"	Rear	HYBRID	37' SNLL, 12' NSLL, 4' WEPL in box	235' NNC of Caramay Wy
1380	012-0032-005	2724	MARTY WY	RES	1"	1"	Front/Side	HYBRID	3 1/2' E. of Main	42 1/2' SNLL & 7 1/2' NSLL
1381	012-0034-015	2725	MARTY WY	RES	1"	1"	Rear	HYBRID	1 1/2' E of 6" Main	162' NN Curb of Caramay Way
1382	012-0034-014	2729	MARTY WY	RES	1"	1"	Front/Side	HYBRID	2' EWLL	113' NNCb Caramay Way & 5' NSLL
1383	012-0032-006	2732	MARTY WY	RES	1"	1"	Front/Side	HYBRID	3' 6" NSLL & 3' EWLL (Wheel Valve)	
1384	012-0032-007	2734	MARTY WY	RES	1"	1"	Rear	HYBRID	5 1/2' E. of 6" Main	64 1/2' NN Curb of Caramay Way
1385	012-0034-013	2735	MARTY WY	RES	1"	1"	Rear	HYBRID		

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
1386	012-0032-008	2736	MARTY WY	RES	1"	1"	Front/Side	HYBRID	1) 17' SNLL, 2' EWPL in box (11/8/05) 2) 37' NNC, 4' EWLL of Caramay, 5' N of Main	37' NNC of Caramay Way
1387	012-0036-001	2743	MARTY WY	RES	1 1/2"	1 1/2"	Rear	STD	3' E of 6" Main	56' SS curb of Caramay Way, 2' NSLL
1388	012-0033-002	2746	MARTY WY	RES	1"	1"	Front/Side	HYBRID	WPL of Lot	106 1/2' SS Curb of Caramay Way 5' NSPL of Lot
1389	012-0036-002	2747	MARTY WY	RES	1"	1"	Rear	HYBRID	WV 14' NSLL, 1' WELL	178' NNC of Markham
1390	012-0033-003	2750	MARTY WY	RES	1"	1"	Rear	HYBRID	6' NSLL - 3 1/2' EWLL	
1391	012-0036-020	2751	MARTY WY	RES	1"	1"		FYS RPL		
1392	012-0033-004	2756	MARTY WY	RES	1 1/4"	1"	Front/Side	HYBRID	w/v-10'NSLL of 2757 SLP Dr-5'EWPL of 2757 SLP Dr in box	10' NSLL of 2756 Marty Way - 3' EWPL 2756 Marty Way
1393	012-0033-005	2762	MARTY WY	RES	1"	1"	Rear	HYBRID	10' NNC of Markham - 1' WWPL in S/P	
1394	012-0073-002	2770	MARTY WY	RES	1"	1"	Front/Side	HYBRID	21' NSLL, 2' EWLL	121.5' SSC of Markham Wy, 21' NSLL
1395	012-0073-003	2772	MARTY WY	RES	1"	1"	Front/Side	HYBRID	19' SNLL, 1' EWLL	
1396	012-0073-004	2774	MARTY WY	RES	1"	1"	Rear	HYBRID	1.0 East of West Lot Line	31.0 6" S of North Line of Lot in R/W
1397	012-0073-005	2776	MARTY WY	RES	1"	1"	Rear	HYBRID	17' NSLL on WPL in box	
1398	012-0074-022	2777	MARTY WY	RES	1 1/4"	1"	Rear	HYBRID	4' WEPL of Right of Way	27' SNLL - 26' NSLL - 1' WEPL of Right of Way
1399	012-0073-006	2778	MARTY WY	RES	1"	1"	Front/Side	HYBRID	1' E of W Line of Lot	15' 6 in S of Line of Lot
1400	012-0074-021	2779	MARTY WY	RES	1 1/2"	1 1/2"	Front/Side	STD	5' well 23' snll in box	
1401	012-0073-007	2780	MARTY WY	RES	1 1/2"	1 1/2"	Rear	STD	4' E Main	231' NN Curb of 3rd Avenue, 24 SNPL Lot
1402	012-0074-020	2781	MARTY WY	RES	1 1/2"	1 1/2"	Front/Side	STD	14' NSLL - 4' WEPL in ROW in box (8/21/06)	w/v: 13' NSLL - 4' WEPL in box
1403	012-0073-008	2782	MARTY WY	RES	1"	1"	Rear	HYBRID	4' E of Main	179' NN Curb of 3rd Ave, 17' NSPL of Lot
1404	012-0074-019	2783	MARTY WY	RES	1"	1"	Rear	HYBRID	6' W of E Line of Lot	24' S of N Line of Lot or 164 1/2' NNPL 3rd Ave.
1405	012-0073-009	2784	MARTY WY	RES	1"	1"	Front/Side	HYBRID	1' E of W Line of Lot	20' N of S Line of Lot
1406	012-0074-018	2785	MARTY WY	RES	1"	1"	Rear	HYBRID	4' W of 6" Main	117' NN Curb 3rd Ave.
1407	012-0073-010	2786	MARTY WY	RES	3/4"	1"	Rear	HYBRID	37' NSLL	
1408	012-0074-017	2787	MARTY WY	RES	1"	1"	Front/Side	HYBRID	21' SNLL, 4' WELL	77' NNC of 3rd Ave.
1409	012-0073-011	2788	MARTY WY	RES	1"	1"	Rear	HYBRID	46'NSLL, 6'SNLL, 1' EWLL in s/p	45' 6" NNPL of 3rd Ave
1410	012-0123-001	2800	MARTY WY	RES	1"	1"	Front/Side	HYBRID	Same - 1' EWPL of Lot	29' NSLL - on WPL of Lot
1411	012-0123-002	2808	MARTY WY	RES	1"	1"	Rear	HYBRID	92' SS Curb of 3rd Ave	92' SS Curb of 3rd Avenue
1412	012-0123-003	2816	MARTY WY	RES	1"	1"	Rear	HYBRID	5' NSLL, 3' E of 6" Main	152' SS Curb of 3rd Avenue, 4' NSLL
1413	012-0123-004	2824	MARTY WY	RES	1"	1"	Rear	HYBRID	18' NSLL - 2' EWLL	
1414	012-0123-005	2832	MARTY WY	RES	1"	1"	Front/Side	HYBRID	27' NSLL, 2.5' EWLL	E of Main
1415	012-0123-006	2840	MARTY WY	RES	1"	1"	Rear	HYBRID	3' E of Main	262 1/2' NN Curb of Vallejo Way, 12' NSPL of Lot

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
1416	012-0123-007	2906	MARTY WY	RES	1 1/2"	1 1/2"	Front/Side	STD	WPL of Lot	50 1/2 SN Curb of 4th Ave, 34 1/2' SNPL of Lot
1417	012-0123-008	2916	MARTY WY	RES	1"	1"	Rear	HYBRID	1) 6' nspl on wpl o/address (3/14/07) 2) 6'NSPL on WPL of 2916 Marty Wy in c/s box	115' SS Curb of 4th Ave. 6' NSPL of Lot
1418	012-0123-009	2924	MARTY WY	RES	1"	1"	Front/Side	HYBRID	6' SNLL - 1' EWLL	
1419	012-0125-015	2929	MARTY WY	RES	1"	1"	Front/Side	HYBRID		
1420	012-0123-010	2932	MARTY WY	RES	1"	1"	Rear	HYBRID	1'EWLL, 74'NNC of Vallejo Way, 11'SNLL in box	74'NNC of Vallejo Way, 13'SNLL
1421	009-0291-011	2600	PATTON WY	RES	1"	1"	Front/Side	HYBRID	2' N of SLL - 7' E of WLL	209' NNPL from Beverly Way, 213 1/2' NN Curb of Beverly Way
1422	009-0291-010	2601	PATTON WY	RES	1"	1"	Rear	HYBRID	10' WELL - 2' NSLL	
1423	009-0291-009	2607	PATTON WY	RES	1"	1"	Rear	HYBRID	7' SNLL, 3' W of Main	
1424	009-0291-012	2610	PATTON WY	RES	1"	1"	Rear	HYBRID		
1425	009-0291-013	2612	PATTON WY	RES	1"	1"	Rear	HYBRID	12' S of NLL - 8' E of WLL	114' N of NPL from Beverly Way, 148 1/2' NN curb from Beverly Way
1426	009-0291-008	2613	PATTON WY	RES	1"	1"	Rear	HYBRID	4' West of Main	141 1/2' NPL of Beverly Way
1427	009-0291-007	2621	PATTON WY	RES	1"	1"	Rear	HYBRID	21' NSLL - 7' WELL in Rear	
1428	009-0291-014	2622	PATTON WY	RES	1"	1"	Rear	HYBRID	12' N of SLL - 3' E of Main	68' NN Curb from Beverly Way, 63 1/2' NNPL Beverly Way
1429	009-0291-015	2628	PATTON WY	RES	1"	1"	Rear	HYBRID	30' S of NLL - 3' E of main	26 1/2' NN Curb from Beverly Way, 22' NPL from Beverly Way
1430	009-0291-006	2629	PATTON WY	RES	1"	1"	Front/Side	HYBRID	10' WEPL, 15' NNC of Beverly Wy under driveway in standpipe in ROW	10' NPL of Beverly Way
1431	009-0291-020	2505	RIVERSIDE BL	COM	8"	8"	Front/Side	DWG D5		GV 10' SSC of Broadway, 11 1/2' EEPL of 13th Street; 153' WELL 18' SSC of Broadway-654'EEC of Riverside Bl in valve Box
1432	009-0321-040	2657	RIVERSIDE BL	APT	NA	2"	Rear	STD		
1433	012-0021-015	2711	RIVERSIDE BL	COM	1 1/2"	1 1/2"	Front/Side	RETRO	15' WELL, 104' NNC of Castro	
1434	012-0022-001	2725	RIVERSIDE BL	COM	1"	NA		NONE	5' EEC 36' SSC of Castro	EPL of Riverside Blvd
1435	012-0022-019	2735	RIVERSIDE BL	COM	1"	1"	Rear	HYBRID	18' NSLL - 3' E of Toilet Wall	
1436	012-0022-018	2739	RIVERSIDE BL	COM	1"	1"	Rear	HYBRID	3' S of Main	96' EE Curb Riverside Blvd 40' W of ELL
1437	012-0022-020	2741	RIVERSIDE BL	COM	1 1/2"	NA		NONE	7.8 W of W Curb of Riverside	77' N of NPL of Fremont Way
1438	012-0022-021	2747	RIVERSIDE BL	COM	1"	1"	Front/Side	RETRO	31' NNC of Markham, 7' EEC of Riverside	
1439	012-0125-011	1609	VALLEJO WY	RES	1"	1"	Rear	HYBRID	1) 23' EWLL, 3' SNPL ROW (2/14/06) 2) 21' EWLL, 50' WELL, 3' SNLL in s/p (2/6/06) 3) 21' EWLL - 3' NSLL of Above	121' EEC of Marty - 21' EWLL
1440	012-0125-014	1613	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	25' EWLL - 3' SNLL	189' EEC of Marty Way - 6' EWLL

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
1441	012-0125-008	1615	VALLEJO WY	RES	1"	1"	Rear	HYBRID	26' WELL, 29' EWLL, 2' SNLL in box	91' WW Curb 17th Street
1442	012-0125-007	1621	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	5' EWLL - 2' SNLL - in ROW of 1621 - Vallejo	53 1/2' WWPL of 17th Street - 5' EWPL of Lot
1443	012-0221-001	1626	VALLEJO WY	RES	1"	1"	Rear	HYBRID	3' E of 6" Main	41 1/2' SS Curb of Vallejo Way
1444	012-0132-005	1633	VALLEJO WY	RES	1"	1"	Rear	HYBRID	11' EEC of Vallejo, 2' SNLL (In Standpipe)	
1445	012-0223-001	1702	VALLEJO WY	RES	1"	1"	Rear	HYBRID	1' WEPL - 4' NSLL of 2967 - 17th Street	112' EEC of 17th Street - 1 1/2' WEPL of Lot
1446	012-0223-002	1722	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	1) 21.5' WELL, 4' NSLL (10/7/05) 2) 21.5' WELL, 4' NSLL (10/7/05) 3) 22' WELL - 3' NSLL	144' EEC of 17th Street - 37' EWLL
1447	012-0134-027	1725	VALLEJO WY	RES	1"	1"	Rear	HYBRID	39 1/2' EWLL, 1' SNLL	
1448	012-0223-003	1732	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	3' SN Lot Line	180' EE Cb. 17th Street is about 14' WE Lot Line
1449	012-0134-026	1741	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	36' EWLL, 3' SNLL	
1450	012-0223-004	1744	VALLEJO WY	RES	1"	1"	Rear	HYBRID	24' EWLL - 4' NSLL	16' WELL - 4' NSLL
1451	012-0134-025	1749	VALLEJO WY	RES	1"	1"	Rear	HYBRID	7' EWLL - 1' SNLL	8' EWLL - 32 WELL
1452	012-0223-006	1756	VALLEJO WY	RES	3/4"	1"	Rear	HYBRID	8' EWLL - 3' NSLL	8' EWLL - 1' NSLL
1453	012-0134-024	1757	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	3' S of 6" Main	397' WW Curb of 19th Street
1454	012-0223-007	1760	VALLEJO WY	RES	3/4"	1"	Rear	HYBRID	3' NSPL	At Main - 1' NSPL
1455	012-0134-023	1765	VALLEJO WY	RES	1"	1"	Rear	HYBRID	2 1/2' S of 6" Main	367' WW Curb 18th Street, 10' EWLL
1456	012-0223-008	1800	VALLEJO WY	RES	1"	1"	Rear	HYBRID	North Line of Rt. of Way	273' WWPL 19th Street
1457	012-0134-022	1801	VALLEJO WY	RES	1"	1"	Rear	HYBRID	10' EWLL, 2' NSPL - In Box	10' EWLL, under Fence
1458	012-0134-021	1809	VALLEJO WY	RES	1"	1"	Rear	HYBRID	6' SNLL	287' WW Cb. 19th Street and 6' EWLL
1459	012-0223-009	1816	VALLEJO WY	RES	1"	1"	Rear	HYBRID	Same as Corp Cock - 20' NSPL of Lot	21' WELL
1460	012-0134-020	1821	VALLEJO WY	RES	1"	1"	Rear	HYBRID	2 1/2' S of N Lot Line	246' WW Cb 19th Street, 11' EW Lot Line
1461	012-0134-019	1825	VALLEJO WY	RES	1"	1"	Rear	HYBRID	34' W of EPL of Lot	209' W of W Cb & 19th Street
1462	012-0223-010	1832	VALLEJO WY	RES	1"	1"	Rear	HYBRID	N of 6" Main	166.6' WW Curb of 19th Street
1463	012-0134-018	1833	VALLEJO WY	RES	1"	1"	Rear	HYBRID	2 1/2' S of N Lot Line	159' WW Cb 19th Street, 15 1/2' EW Lot Line
1464	012-0223-011	1840	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	3' N of Main	104' W of WPL 19th Street
1465	012-0134-017	1841	VALLEJO WY	RES	1"	1"	Rear	HYBRID	4' EWLL - 4' NSPL in S/P	
1466	012-0223-012	1848	VALLEJO WY	RES	1 1/2"	1 1/2"	Rear	STD	3' N of 6" Main	68' WW Curb of 19th Street
1467	012-0134-016	1863	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	33' EWLL - 1' SNLL in Rear	34' EWLL - 2' NSPL of 1848 - 4th Avenue
1468	012-0142-036	1901	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	N. Line Rt. of Way	11' EEPL of 19th Street, 41' WELL
1469	012-0231-002	1908	VALLEJO WY	RES	1"	1"	Rear	HYBRID	4 1/2' NSLL	76' EE Cb 19th Street & 11' EWLL
1470	012-0142-035	1909	VALLEJO WY	RES	1"	1"	Rear	HYBRID	22' WELL - 17' EWLL - 5' SNLL	84' EEC of 19th Street - 21 1/2' WELL
1471	012-0231-003	1916	VALLEJO WY	RES	1"	1"	Rear	HYBRID	3 1/2' N of 6" Main	113' EE Curb of 19th Street, 8' EWLL
1472	012-0142-034	1917	VALLEJO WY	RES	3/4"	1"	Rear	HYBRID	2' S of Main	127' EE Curb 19th Street
1473	012-0231-004	1924	VALLEJO WY	RES	1"	1"	Rear	HYBRID	15' EWLL, 7' NSPL	15' EWLL, 2' NSPL

No.	APN	Street Number	Street Name	Property Type	Existing Tap Size	New Tap Size	Proposed Connection Location	Installation Type	(E) CurbStop Location	(E) CorpStop Location
1474	012-0142-033	1925	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	Same & 4' SNLL	18' WELL - 22' EWLL - 1' SNLL
1475	012-0231-005	1932	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	2' N of 6" Main	220' EE Curb of 19th Street
1476	012-0142-032	1933	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	39' WELL - 6' SNPL	176' EEPL 19th Street - 190' EEC of 19th Street
1477	012-0231-006	1940	VALLEJO WY	RES	1"	1"	Rear	HYBRID	6' NSLL, 2' N of Main	17' EWLL
1478	012-0142-031	1941	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	6' EWLL, 7' SNPL in Box	4' EWLL, 3' SNLL
1479	012-0231-007	1948	VALLEJO WY	RES	3/4"	1"	Rear	HYBRID	WV. 19 1/2' EWLL, 5' NSLL	
1480	012-0142-030	1949	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	37' WELL and 3' S of Main	254' EEPL of 19th Ave.
1481	012-0231-008	1956	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	6 1/2' WELL - 7' NSPL	
1482	012-0142-029	1957	VALLEJO WY	RES	3/4"	1"	Rear	HYBRID	20'WELL, 21'EWLL, 7'SNLL in c/s box	1'SNLL, 21'WELL
1483	012-0231-009	1964	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	24' WELL - 4 1/2' NSLL	3' N of 6" Main
1484	012-0142-028	1965	VALLEJO WY	RES	1"	1"	Rear	HYBRID	18' EWLL - 6 1/2' SNLL	444' WWC of Freeport Blvd - 18' EWLL
1485	012-0231-010	1972	VALLEJO WY	RES	3/4"	1"	Rear	HYBRID	10' EWLL - 4' NNPL in a S/P, 25' WELL	13' EWLL - 18' NSLL
1486	012-0142-027	1973	VALLEJO WY	RES	1"	1"	Rear	HYBRID	4' EWLL & 1' SNLL	
1487	012-0231-011	2000	VALLEJO WY	RES	1"	1"	Rear	HYBRID	3' N of Main	356 1/2' WW Curb of Freeport Blvd, 16 1/2' WEPL of Lot
1488	012-0142-026	2001	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	1) 13' well - 5' snpl in sp in row (4/5/07) 2) 12' WELL, 4' SNLL in a box (04/13/05) 3) 31'EWLL, 5' SNLL, 11'WELL (Old)	332.8' WWC 21st St
1489	012-0142-025	2009	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	19' EWLL - 5' SNLL in Box	29' EWLL - 19' WELL
1490	012-0231-012	2010	VALLEJO WY	RES	1"	1"	Rear	HYBRID	7' EWLL and 3' N of Main	322' WWPL of Freeport Blvd
1491	012-0231-013	2016	VALLEJO WY	RES	1"	1"	Rear	HYBRID	2' N of 6" Main	29' WELL & 12' EWLL
1492	012-0142-024	2017	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	30'WELL, 7'EWLL, 6'SNLL, 3' S of Main in box	283' WWPL of Freeport Blvd, 7' EWPL
1493	012-0142-023	2025	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	2' N of Main	219' WW Curb Freeport Blvd
1494	012-0231-014	2030	VALLEJO WY	RES	1"	1"	Rear	HYBRID		
1495	012-0142-022	2033	VALLEJO WY	RES	1"	1"	Rear	HYBRID		6' 3" EWLL - 3' 6" SNLL
1496	012-0231-015	2040	VALLEJO WY	RES	3/4"	1"	Front/Side	HYBRID	West Line of Rt. of Way	46' SSPL Vallejo Way
1497	012-0142-021	2041	VALLEJO WY	RES	1"	1"	Front/Side	HYBRID	70' NNC of Vallejo - 4' WELL	70' NNC of Vallejo - 1' WELL
1498	012-0223-005	1750	VALLEJO WY 1/2	RES	3/4"	1"	Front/Side	HYBRID	1) 6' EWLL, 1' NSLL IN CONCRETE BOX (12/29/06) 2) 8' EWLL, 1' NSLL in box (4/7/06) 3) 8' EWLL - 1' NSLL	7' EWLL - 1' SSLL of Above

Meter Tracking Table (sample)

