

Meeting Date: 6/25/2013

Report Type: Consent

Report ID: 2013-00475

City Council Report

915 I Street, 1st Floor

www.CityofSacramento.org

Title: Agreements: Root Control Program Pilot Study (Two-Thirds Vote Required)

Location: Citywide

Issue: Staff desires to conduct a pilot study to determine which of two herbicide applications in sewer mains will better control tree root intrusion and help reduce sanitary sewer overflows.

Recommendation: Pass 1) a Resolution a) suspending competitive bidding for the Root Control Program Pilot Study, in the best interests of the City, and b) transferring Wastewater Funds (Fund 6006) of \$99,000 from the SSMP project (I14110100) to the Root Control project(X14120100); and 2) a Motion awarding nonprofessional service agreements for root control services to Duke's Root Control, Inc., in an amount not-to-exceed \$89,682.10, and to Root Tamers, in an amount not-to-exceed \$70,656.20.

Contact: Bill Busath, Engineering Services Manager, (916) 808-1434; Brett Grant, Supervising Engineering, (916) 808-1413, Department of Utilities

Presenter: None

Department: Department Of Utilities

Division: Engineering Administration

Dept ID: 14001311

Attachments:

1-Description/Analysis

2-Background

3-Location Map

4-Resolution

5-Agreement

6-Agreement

7-Agreement

City Attorney Review

Approved as to Form
Joe Robinson
6/19/2013 12:03:37 PM

City Treasurer Review

Reviewed for Impact on Cash and Debt
Russell Fehr
6/13/2013 4:21:02 PM

Approvals/Acknowledgements

Department Director or Designee: Bill Busath - 6/18/2013 9:12:14 AM

Description/Analysis

Policy Considerations: To conduct the pilot study, two contractors were selected by the department instead of competitively bidding a single contract in accordance with the City's standard procedure. City Code section 3.56.230 allows the City Council to suspend competitive bidding, on a 2/3 vote, if the Council determines it is in the City's best interests to do so. Staff believes it is in the best interests of the City to suspend competitive bidding in this case, as this will allow the Department to evaluate the relative effectiveness of two different root control products supplied by two different contractors, to determine which is most effective and under what circumstances. The results of this pilot study will help the City comply with the sewer maintenance targets specified in the City's consent decree with the California Sportfishing Protection Alliance.

Economic Impacts: Not applicable.

Environmental Considerations: The Community Development Department, Environmental Planning Services Division, reviewed the project and has determined it is exempt from the provisions of the California Environmental Quality Act (CEQA) under Class 1 and Section 15301 (b) of the CEQA Guidelines, as the project consists of the operation and maintenance of the existing sewer facilities involving no expansion or use beyond what now exists.

Sustainability: The project is consistent with the City's Sustainability Master Plan by improving infrastructure reliability, which will reduce energy-intensive maintenance efforts.

Commission/Committee Action: Not applicable.

Rationale for Recommendation: The City has contracted for chemical root application in sewers on an annual basis. Both proposed contractors have provided these services to the City in the past, each using a different product. To test the relative effectiveness of the two herbicides, the Department is proposing this pilot study for each one, with annual herbicide applications for a period of three years.

Financial Considerations: The total amount for the two agreements covering the first annual herbicide applications is \$160,338.30, with total project costs estimated at \$199,000. Staff recommends that \$99,000 of Wastewater Funds (fund 6006) be transferred from the Sewer System Management Project (I14110100) to the Root Control Project(X14120100) to fund the project through the first annual application period. Staff will return to Council for approval of agreement amendments or separate agreements to cover future annual herbicide applications as part of the study.

Emerging Small Business Development (ESBD): This project does not lend itself to small business participation, and neither of the two proposed contractors are certified emerging or small business enterprises.

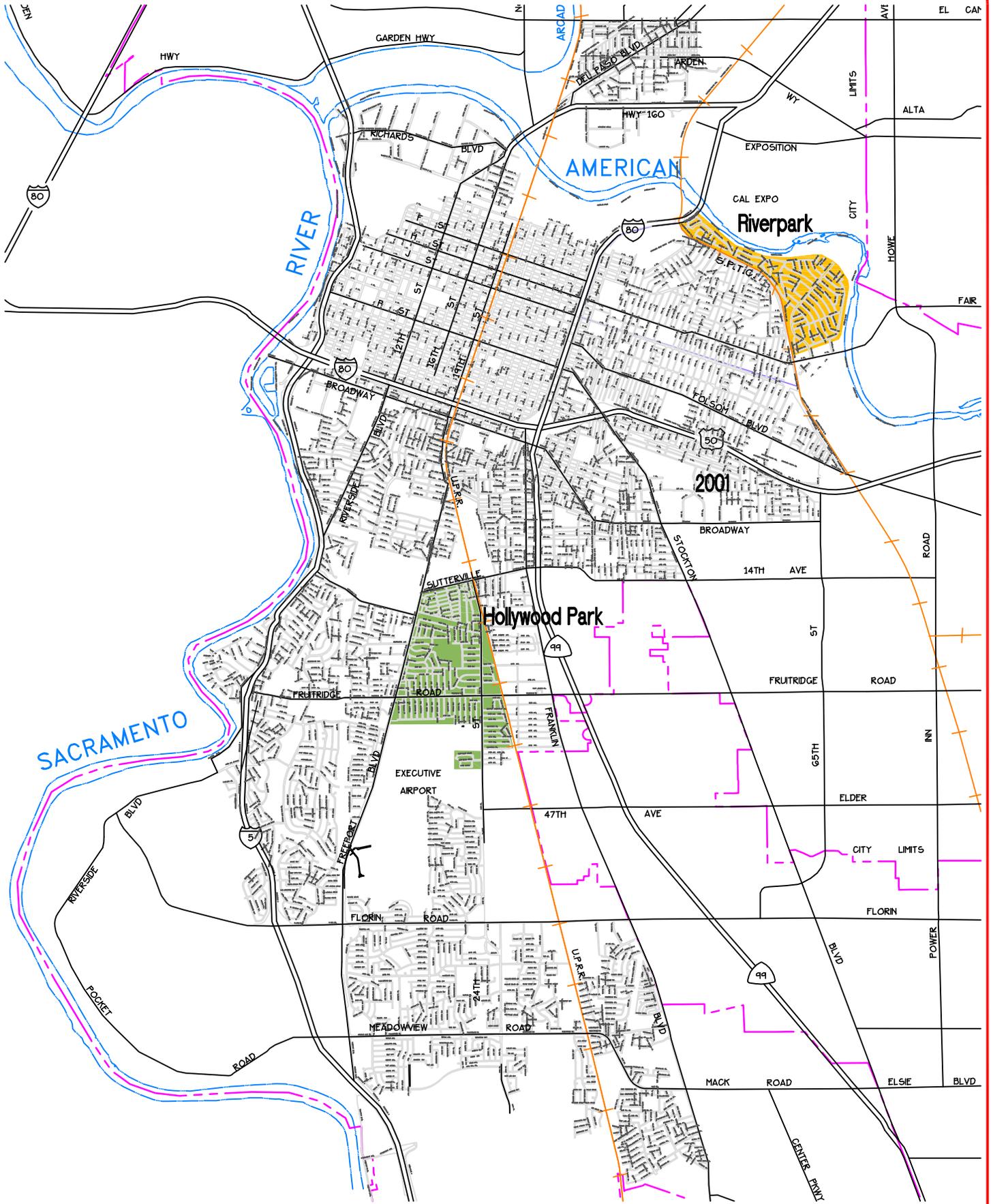
Background

Since 1996, staff has prepared annual contracts for the application of a chemical root treatment. Generally two to three companies have bid for the services. There are two different herbicides commonly used to reduce and better control the intrusion of tree roots in sewer mains. The two herbicides are: Vaporooter II by Douglas Products, or Razorooter II by Duke's Root Control.

To test the effectiveness of these two herbicides, the Department has set up a pilot study for each chemical. Treating sewer mains with an herbicide reduces root intrusion and hence helps to reduce the maintenance and trouble calls associated with sewer blockages.

The reduction in tree roots has especially helped as a form of maintenance for sewer lines located in backyards, which are not easily accessed on a normal basis. Reducing sewer blockages by chemical treatment also reduces sanitary sewer overflows. As part of the pilot study, staff proposes to re-apply the herbicide annually in specified areas for three years, and subsequent applications will be every three years after that. Each area will be evaluated annually using Closed Circuit Television Inspection (CCTV), and each product will be scored based on tree root reduction in the sewers.

These pilot studies are necessary to evaluate the effectiveness of each herbicide and determine the most effective one for the City's sanitary sewer mains.



ROOT CONTROL AREAS



CITY OF SACRAMENTO
DEPARTMENT
OF UTILITIES

RESOLUTION NO. 2013-

Adopted by the Sacramento City Council

SUSPENDING COMPETITIVE BIDDING FOR THE ROOT CONTROL PILOT STUDY AND TRANSFERING WASTEWATER FUNDS FROM THE SSMP PROJECT

BACKGROUND

- A. Annually, the City contracts for the application of herbicides to tree roots, to control tree root intrusion into the sewers.
- B. The City is party to a Consent Decree with the California Sportfishing Protection Alliance (CSPA) that specifies maintenance service targets. The consent decree includes a root control program for small collector sewer pipes
- C. City staff considers it important to conduct a pilot study to evaluate the effectiveness of two different root control products supplied by two different contractors, and determine which is most effective under different circumstances. As part of the pilot study, staff proposes to have the herbicide reapplied annually in specified areas for three years. Each area will be evaluated annually using Closed Circuit Television Inspection, and each product will be scored based on tree root reduction in the sewers.
- D. Staff recommends the City Council suspend competitive bidding to allow the Department of Utilities to conduct the pilot study and evaluate the relative effectiveness of the two herbicides to control tree root growth in sanitary sewers. The contractors selected by the Department have previously provided similar services to the City.
- E. Under the City Charter and City Code, the City Council can suspend competitive bidding for a public project when it determines, on a 2/3 vote, that it is in the City's best interest to do so.
- F. It is in the best interest of the City to suspend competitive bidding for the Root Control program pilot study so that staff can evaluate the relative effectiveness of two different root control products supplied by two different contractors and determine the most effective one, while helping the City to comply with the sewer maintenance targets specified in the consent decree with the California Sportfishing Protection Alliance.

- G. Staff recommends Council approve the transfer of Wastewater Funds of \$99,000 from the SSMP project to the Root Control Application Project to allow the City to conduct the pilot study of the two different herbicides on root control, to fund the first annual herbicide applications.

BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:

- Section 1. Competitive bidding is suspended for the Root Control program pilot study in the best interests of the City.
- Section 2. The City Manager or City Manager's designee is authorized to transfer \$99,000 of Wastewater Funds (Fund 6006) from the Sewer System Management Project (I14110100) to the Root Control Project (X14120100).

PROJECT #: X14120100
PROJECT NAME: ROOT CONTROL APPLICATIONS PROGRAM
DEPARTMENT: UTILITIES
DIVISION: ENGINEERING SERVICES
CITY OF SACRAMENTO

NONPROFESSIONAL SERVICES AGREEMENT

THIS AGREEMENT is made at Sacramento, California, as of _____, by and between the **CITY OF SACRAMENTO**, a municipal corporation (“CITY”), and

DUKE'S ROOT CONTROL
1020 HIAWATHA BLVD. WEST
SYRACUSE, NY 13204

(“CONTRACTOR”), who agree as follows:

1. **Contract.** The Contract shall consist of this Agreement and each of the following documents (if applicable), which are incorporated herein by reference:

- | | |
|--|-------------------------------------|
| Invitation to Bid | ✓ Workers’ Compensation Certificate |
| Instructions to Bidders | Contractor’s Bid Proposal Form |
| ✓ Certificate(s) of Insurance | ✓ ESBD Program Statement |
| ✓ Drug-Free Workplace Policy and Affidavit | Technical Specifications |
| ✓ Declaration of Compliance (Equal Benefits Ordinance) | |
| ✓ Declaration of Compliance (Living Wage Ordinance) | |

2. **Services.** Subject to the terms and conditions set forth in this Agreement, CONTRACTOR shall provide to CITY the services described in Exhibit A. CONTRACTOR shall provide said services at the time, place, and in the manner specified in Exhibit A. CONTRACTOR shall not be compensated for services outside the scope of Exhibit A unless prior to the commencement of such services: (a) CONTRACTOR notifies CITY and CITY agrees that such services are outside the scope of Exhibit A; (b) CONTRACTOR estimates the additional compensation required for these additional services; and (c) CITY, after notice, approves in writing a Supplemental Agreement specifying the additional services and amount of compensation therefor. CITY shall have no obligations whatsoever under this Agreement and/or any Supplemental Agreement, unless and until this Agreement or any Supplemental Agreement is approved by the Sacramento City Manager or the City Manager’s authorized designee, or by the Sacramento City Council, as required by the Sacramento City Code.
3. **Payment.** CITY shall pay CONTRACTOR for services rendered pursuant to this Agreement at the times and in the manner set forth in Exhibit B. The payments specified in Exhibit B shall be the only payments to be made to CONTRACTOR for the services rendered pursuant to this Agreement unless pursuant to Section 1, above, CITY approves additional compensation for additional services. CONTRACTOR shall submit all billings for said services to CITY in the manner specified in Exhibit B, or, if not specified in Exhibit B, according to the usual and customary procedures and practices that CONTRACTOR uses for billing clients similar to CITY.

4. **Facilities and Equipment.** Except as set forth in Exhibit C, CONTRACTOR shall, at its sole cost and expense, furnish all facilities and equipment that may be required for furnishing services pursuant to this Agreement. CITY shall furnish to CONTRACTOR only the facilities and equipment listed in Exhibit C according to any terms and conditions set forth in Exhibit C.
5. **General Provisions.** The General Provisions set forth in Exhibit D, that include indemnity and insurance requirements, are part of this Agreement. In the event of any conflict between the General Provisions and any terms or conditions of any document prepared or provided by CONTRACTOR and made a part of this Agreement, including without limitation any document relating to the scope of services or payment therefor, the General Provisions shall control over said terms or conditions.
6. **Living Wage Requirements.** This Agreement is subject to the provisions of Sacramento City Code Chapter 3.58, Living Wage. The requirements of Sacramento City Code Chapter 3.58 are summarized in Exhibit E. The CONTRACTOR is required to sign the attached Declaration of Compliance (Living Wage Ordinance) to assure compliance with these requirements.
7. **Non-Discrimination in Employee Benefits.** This Agreement is subject to the provisions of Sacramento City Code Chapter 3.54, Non-Discrimination in Employee Benefits by City Contractors. The requirements of Sacramento City Code Chapter 3.54 are summarized in Exhibit F. CONTRACTOR is required to sign the attached Declaration of Compliance (Equal Benefits Ordinance), to assure compliance with these requirements.
8. **Authority.** The person signing this Agreement for CONTRACTOR hereby represents and warrants that he/she is fully authorized to sign this Agreement on behalf of CONTRACTOR and to bind CONTRACTOR to the performance of its obligations hereunder.
9. **Exhibits.** All exhibits referred to herein are attached hereto and are by this reference incorporated as if set forth fully herein.

Executed as of the day and year first above stated.

CITY OF SACRAMENTO
A Municipal Corporation

By: _____

ATTEST:

Print name: DAVE L. BRENT

Title: DIRECTOR OF UTILITIES

City Clerk

For: John F. Shirey, City Manager

APPROVED TO AS FORM:

City Attorney

Attachments

- Exhibit A - Scope of Service
- Exhibit B - Fee Schedule/Manner of Payment
- Exhibit C - Facilities/Equipment Provided
- Exhibit D - General Provisions
- Exhibit E - Living Wage Requirements
- Exhibit F - Non-Discrimination in Employee Benefits

CONTRACTOR:

DUKE'S ROOT CONTROL, INC.

NAME OF FIRM

Federal I.D. No.

State I.D. No.

City of Sacramento Business Op. Tax Cert. No.

TYPE OF BUSINESS ENTITY (*check one*):

- Individual/Sole Proprietor
- Partnership
- Corporation (*may require 2 signatures*)
- Limited Liability Company
- Other (*please specify:* _____)

Signature of Authorized Person

Print Name and Title

Additional Signature (*if required*)

Print Name and Title

DECLARATION OF COMPLIANCE
Living Wage Ordinance

Name of Contractor: DUKE'S ROOT CONTROL, INC.

Address: 1020 HIAWATHA BLVD. WEST, SYRACUSE, NY 13204

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

1. Contractor has read and understands the Living Wage Requirements (the "Requirements") attached hereto as Exhibit E.
2. As a condition of receiving this Contract, Contractor agrees to fully comply with the Requirements, as well as any additional requirements that may be specified in the City of Sacramento's Living Wage Ordinance codified at Chapter 3.58 of the Sacramento City Code (the "Ordinance"). If required by the Ordinance, Contractor will pay not less than the minimum compensation specified in the Ordinance to Contractor's employees, for all time spent performing any work under this Contract.
3. If the amount of this Contract is less than \$100,000, as a condition of receiving this Contract, Contractor will notify the City of Sacramento ("City") in writing if the aggregate value of this Contract and of any other Nonprofessional Services contract(s) covered by the Ordinance that the City has awarded to Contractor within the previous 12 months, is \$100,000 or more.
4. Contractor acknowledges and agrees that the Requirements, the Ordinance and this Declaration shall constitute part of this Contract, and that these provisions shall govern in the event of any conflict with any other provisions of the Contract.
5. Contractor further acknowledges and agrees that any violation of the Requirements or the Ordinance constitutes a material breach of this Contract, and that, if such a breach occurs, the City will be authorized to terminate the Contract, and pursue all available legal and equitable remedies.
6. If requested by the City, Contractor will promptly submit certified payroll records to the City, for itself and/or for Contractor's subcontractor(s), as requested by the City, and Contractor will take any other steps as may be required by the City to determine whether Contractor's subcontractor(s) or Contractor have complied with the Requirements and the Ordinance.
7. Contractor will require all of its subcontractors who are covered by these requirements to comply with the Requirements and any additional requirements that may be specified in the Ordinance, and Contractor will include these requirements in all subcontracts covered by the Ordinance.
8. Contractor agrees to 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 the Ordinance by Contractor or by any subcontractor retained to perform work or provide services under this Contract.

The undersigned declares under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that he or she is authorized to bind the Contractor to the provisions of this Declaration.

Signature of Authorized Representative

Date: _____

Print name: _____

Title: _____

DECLARATION OF COMPLIANCE
Equal Benefits Ordinance

Name of Contractor: DUKE'S ROOT CONTROL, INC.

Address: 1020 HIAWATHA BLVD. WEST, SYRACUSE, NY 13204

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

1. Contractor has read and understands the Requirements of the Non-Discrimination In Employee Benefits Code (the "Requirements") attached hereto as Exhibit F.
2. As a condition of receiving this Contract, Contractor agrees to fully comply with the Requirements, as well as any additional requirements that may be specified in the City of Sacramento's Non-Discrimination In Employee Benefits Code codified at Chapter 3.54 of the Sacramento City Code (the "Ordinance").
3. Contractor understands, 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

Contractor agrees that if Contractor offers any of the above-listed employee benefits, Contractor 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. Contractor understands that Contractor will not be considered to be discriminating in the provision or application of employee benefits under the following conditions or circumstances:
 - a. If 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, Contractor will not be required to provide the benefit, nor shall it be deemed discriminatory, if Contractor requires the employee to pay the monetary difference in order to provide the benefit to the domestic partner or to the spouse.

- b. If Contractor is unable to provide a certain benefit, despite taking reasonable measures to do so, if Contractor provides the employee with a cash equivalent Contractor will not be deemed to be discriminating in the application of that benefit.
 - c. If Contractor provides employee benefits neither to employee's spouses nor to employee's domestic partners.
 - d. If Contractor provides employee benefits to employees on a basis unrelated to marital or domestic partner status.
 - e. If Contractor submits written evidence of making reasonable efforts to end discrimination in employee benefits by implementing policies that will be enacted before the first effective date after the first open enrollment process following the date this Contract is executed by the City of Sacramento ("City"). Contractor understands that any delay in the implementation of such policies may not exceed one (1) year from the date this Contract is executed by 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 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 this Contract is executed by the City.
 - g. Until the expiration of a current collective bargaining agreement(s) if employee benefits are governed by such collective bargaining agreement(s).
 - h. Contractor takes all reasonable measures to end discrimination in employee benefits by either requesting that the union(s) involved agree to reopen the agreement(s) in order for Contractor to take whatever steps are necessary to end discrimination in employee benefits or by ending discrimination in employee benefits without reopening the collective bargaining agreement(s).
 - i. In the event Contractor cannot end discrimination in employee benefits despite taking all reasonable measures to do so, Contractor provides a cash equivalent to eligible employees for whom employee benefits, are not available. Unless otherwise authorized in writing by the City Manager, Contractor understands this cash equivalent must begin at the time the union(s) refuse to allow the collective bargaining agreement(s) to be reopened or not longer than three (3) months after the date this Contract is executed by the City.
5. Contractor understands that failure to comply with the provisions of Section 4(a) through 4(i), above, 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; debarment for future contracts until all penalties and restitution have been paid in full and/or for up to two (2) years; and/or 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. Contractor understands and agrees to provide notice to each current employee and, within ten (10) days of hire, to each new employee, of their rights under the Ordinance. Contractor further agrees to maintain a copy of each such letter provided, in an appropriate file for inspection by authorized

representatives of the City. Contractor also agrees to prominently display a poster informing each employee of these rights.

7. Contractor understands that Contractor has the right to request a waiver of, or exemption from, the provisions of the Ordinance by submitting a written request to the City's Procurement Services Division prior to Contract award, which request shall identify the provision(s) of the Ordinance authorizing such waiver or exemption and the factual basis for such waiver or exemption. The City shall determine in its sole discretion whether to approve any such request.
8. Contractor agrees to 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 Contractor.

The undersigned declares under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that he or she is authorized to bind the Contractor to the provisions of this Declaration.

Signature of Authorized Representative

Date

Print Name

Title

EXHIBIT A

NONPROFESSIONAL SERVICES AGREEMENT

SCOPE OF SERVICES

1. Representatives.

The CITY Representative for this Agreement is:

SONIA LOPEZ, ASSOCIATE ENGINEER
1395 35th AVE,
SACRAMENTO, CA 95822
916-808-1456
FAX: 916-808-1497

All CONTRACTOR questions pertaining to this Agreement shall be referred to the CITY Representative or the Representative's designee.

The CONTRACTOR Representative for this Agreement is:

WILLIAM J. ANDERSON, VICE-PRESIDENT
1020 HIAWATHA BLVD. WEST
SYRACUSE, NY 13204
315-472-4781
FAX: 315-472-4203

All CITY questions pertaining to this Agreement shall be referred to the CONTRACTOR Representative. All correspondence to CONTRACTOR shall be addressed to the address set forth on page one of this Agreement. Unless otherwise provided in this Agreement, all correspondence to the CITY shall be addressed to the CITY Representative.

- 2. Scope of Services.** *[Describe services to be provided here, or, if scope of services is described in an attachment, label the attachment "Attachment 1 to Exhibit A" and include the following sentence:]*

The services provided shall be as set forth in Attachment 1 to Exhibit A, attached hereto and incorporated herein.

- 3. Time of Performance.** The services described herein shall be provided during the period, or in accordance with the schedule, set forth in the scope of services.

August 1, 2013, through October 31, 2013

**ATTACHEMENT 1 TO EXHIBIT A
NONPROFESIONAL SERVICES AGREEMENT
SCOPE OF SERVICES**

1.01 Location, Scope of Work

Contractor shall apply the herbicide Razorooter II by Duke's Root Control, Inc. to select sewer lines in the River Park neighborhood.

1.02 Specifications

The work to be performed under this contract shall be done in accordance with the Scope of Services contained herein. Reference is made to the Standard Specifications of the City of Sacramento, adopted June 2007, referred to herein as "Standard Specifications". The general requirements of this contract shall be governed by the Scope of Services first, followed by the Standard Specifications.

1.03 Proof of Compliance with Contract

In order to determine compliance for the requirements of this contract, that may not readily be determined through inspection and tests of equipment, work or materials, the Contractor shall at any time when requested, submit to the Engineer properly authenticated documents or other satisfactory proofs as to his compliance with the requirements of this contract.

1.04 Contractor Information

In accordance with Section 5-7 of the Standard Specifications, 4 copies of the following shop drawings and submittals shall be prepared and submitted for review:

1. Construction schedule
2. Traffic control plan
3. Water quality control plan

1.05 Project Schedule

A schedule showing all items of work prior to initiating construction shall be submitted. The schedule shall be submitted, reviewed and updated in accordance with Section 7-2 of the Standard Specifications.

Weekend work will be done in accordance with Section 7-4 of the Standard Specifications.

1.06 Application Log Sheets

Log sheets containing each pipe segment treated shall be neatly maintained. Log sheets shall be kept current daily, and shall be accurate, complete and legible. Progress payments will not be processed without current and complete log sheets.

1.07 Administrative Penalty Ordinance

Minimum requirements and restrictions relating to construction activities within the City right of way are detailed in Chapter 12.20 of the City Code. It also establishes administrative penalties for non-compliance of these requirements. Contractor shall become familiar with such requirements. Contractor may be assessed the administrative penalty for each violation of any provision addressed by the ordinance; amounts can be deducted from the Contract. In general, the ordinance includes the following categories:

Working hours for the City's "Primary Streets"

Traffic control plan requirements

Access to private property

Maintenance of construction areas

Maintenance of traffic, public safety and convenience

Repair of traffic control systems

Care of existing known facilities

Protection of existing improvements

Public notification

Noise levels

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

1.08 Water Quality Control

Contractor shall be responsible for the requirements consisting of regulations contained in the National Pollution Discharge Elimination System (NPDES) Stormwater Permit, issued to the City and in accordance with Section 16 of the Standard Specifications.

The City reserves the right to take corrective action and withhold the City's costs for corrective action from progress payments or final payment. Any fines, including third-party claims, levied against the City as a result of the Contractor's non-compliance are the Contractor's sole responsibility and will be withheld from progress payments or final payment.

1.09 Health and Safety

The Contractor is warned that existing sewers and appurtenances have been exposed to sewage and industrial wastes. These facilities shall therefore be considered

contaminated with disease-causing organisms. Personnel in contact with contaminated facilities, debris, wastewater, or similar items shall be advised by the Contractor of the necessary precautions that must be taken to avoid becoming diseased. It is the Contractor's responsibility to urge his personnel to observe a strict regime of proper hygienic precautions, including any inoculations recommended by the local public health officer.

Because of the danger of solvents, gasoline, and other hazardous material in the existing sewers, these areas shall be considered hazardous to open flame, sparks, or unventilated occupancy. The Contractor shall be aware of these dangers and shall take the necessary measures to assure his personnel observe proper safety precautions when working in these areas.

The Contractor shall not allow any wastewater to discharge from sewage collection systems onto adjacent lands or waters. In case of accidental discharge, the Contractor shall be responsible for containment, immediate cleanup and disposal at his own expense to the full satisfaction of the Engineer. Where containment is not possible, adequate disinfection shall be provided by the Contractor at his expense as directed by the Engineer or agency with jurisdiction. If, in the opinion of the Engineer, the Contractor fails to adequately follow the above guidelines, he will make arrangements to have the work done by others, and have the cost charged to the Contractor.

1.10 Public Notification of Work

The Contractor shall notify property owners and/or tenants where property will be accessed. Notifications shall be delivered at least three (3) calendar days prior to start of work. Notification shall be in the form of a door hanger provided by the City, with the following information written on it by the Contractor:

- Name and 24 hour phone number(s) of Contractor
- Approximate date work will be performed

1.11 Maintenance of Traffic, Public Safety and Convenience

The Contractor's attention is directed to Sections 6-6 through 6-11 and 7-4 of the Standard Specifications.

Spillage resulting from hauling operations along or across any public traveled way shall be removed immediately by the Contractor at his expense. Water or dust palliative shall be applied if ordered by the Engineer for the alleviation or prevention of dust nuisance.

The Contractor will ensure that utility services to customers in the project are maintained.

The Contractor shall be required to 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 showing proposed traffic control measures

and/or detours for vehicles and pedestrians affected by the construction work. 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. In addition, the approved plan shall be kept on hand at the project site at all times while construction is in progress. All advance warning and traffic delineation shall conform to the provisions of Section 6-10 of the Standard Specifications.

The Contractor's traffic control plan shall include location of proposed work area, locations of areas where the public right of way will be closed or obstructed, any proposed phases of traffic control and time period of when traffic control will be in effect. The traffic control plan shall also include name and business address of Contractor and a statement that the Contractor will comply with City's noise ordinance.

The Contractor shall be solely and completely responsible for furnishing, installing, and maintaining all warning signs and devices necessary to safeguard the general public and the work, and to provide for the safe and proper routing of all vehicular and pedestrian traffic during the performance of the work. The requirement shall apply continuously and shall not be limited to normal working hours.

The Contractor shall perform the following requirements included in the City ordinance Chapter 12.20, with this contract:

1. The Contractor shall not cause public rights-of-way, public property or public easement to be covered with construction related trash, debris, garbage, waste material or soil. Areas affected by the construction, must be cleaned to the satisfaction of the Engineer prior to re-opening to the public.
2. The Contractor shall provide access to all existing driveways at all times unless other arrangements are made with the property owner. Access for emergency vehicles shall be available at all times.
3. Provide for pedestrian traffic at all times except where closures are approved in advance by the Engineer.
4. All work within public streets and/or roadway right-of-way shall be done in an expeditious manner so as to cause as little inconvenience to the traveling public as possible.

The Contractor is hereby alerted that some streets within the project area are designated as a "primary street" and as such the requirements and administrative penalties of Chapter 12.20 of the City ordinance apply. In accordance with the ordinance, the Contractor shall not impede traffic in any fashion outside the work hours of 8:30 A.M. and 4:00 P.M.

1.12 Removal of Street Parking

In locations where the Contractor's operations require removal of on-street parking, such removal shall be in accordance with Section 6-18 of the Standard Specifications.

Failure to comply with this section will prevent the City from towing vehicles parked in the proposed work area.

ITEMS OF THE PROPOSAL:

Item No. 1 4-inch Sewer Pipe

Item No. 2 6-inch Sewer Pipe

Item No. 3 8-inch Sewer Pipe

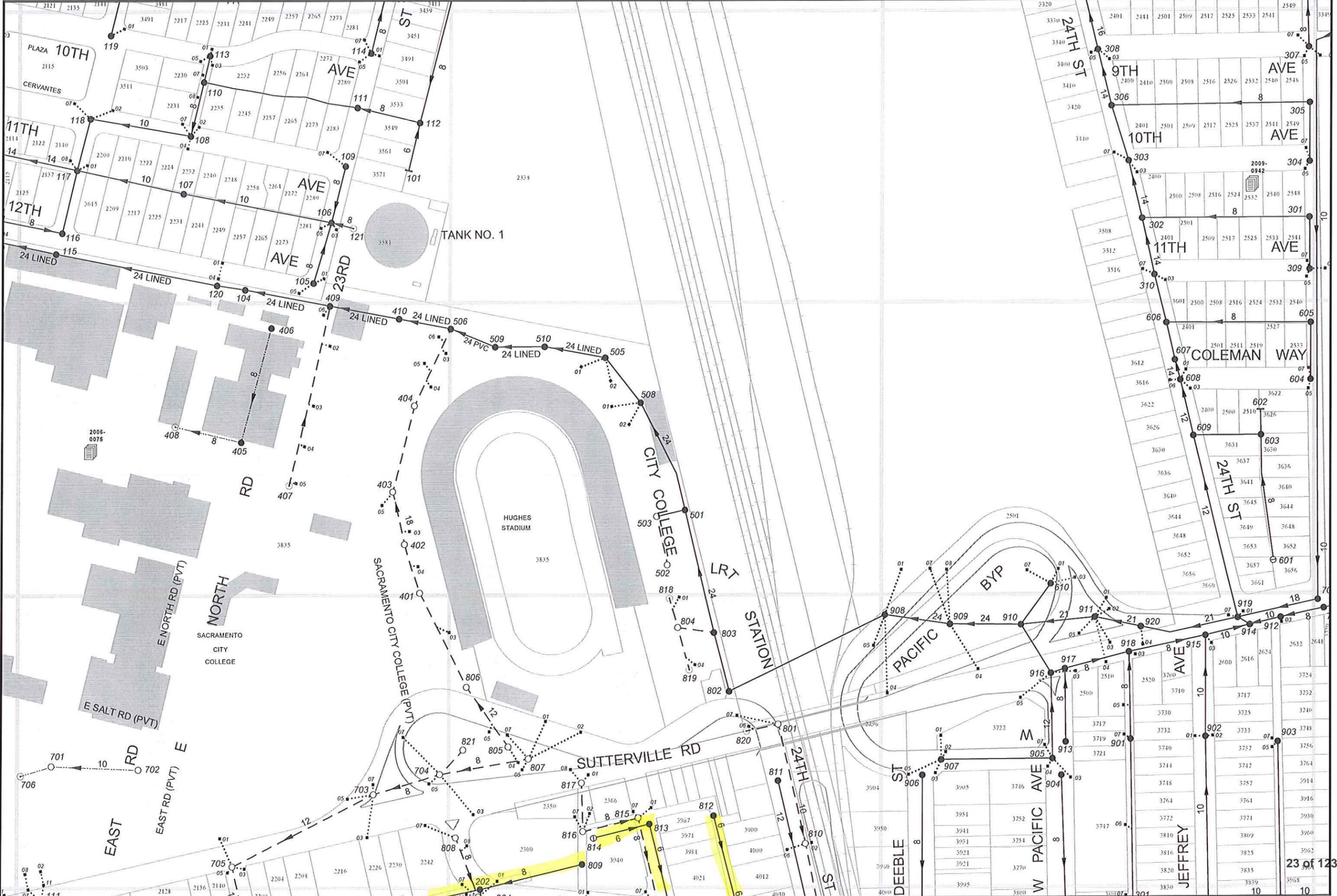
The herbicide Razorooter II by Duke's Root Control, Inc. shall be applied to sewer pipes depicted in yellow highlight on the maps attached hereto.

Most of the sewer mains are located in easement areas and may have restricted access. Many of the manholes are located in backyards that are enclosed by fencing. Homeowners may also have placed sheds or other obstacles over or around manholes. It is the Contractor's responsibility to access and open all manholes. If the Contractor is unable to locate a manhole, the Contractor shall notify the Engineer at least two (2) working days prior to the scheduled work. City crews will locate manhole.

Equipment used shall be able to deliver herbicide in sewer main up to 800 feet from the entry point. Application of material shall be in such a way as to contact all roots within the sewer main being treated. Foaming shall be at sufficient pressure to treat the lateral pipe connections a minimum of five (5) feet and a maximum of ten (10) feet, beyond the main sewer line. Herbicide shall be capable of penetrating roots and causing these to die and decay so that City forces can mechanically cut and remove the dead roots.

APPENDIX TO EXHIBIT A

Maps



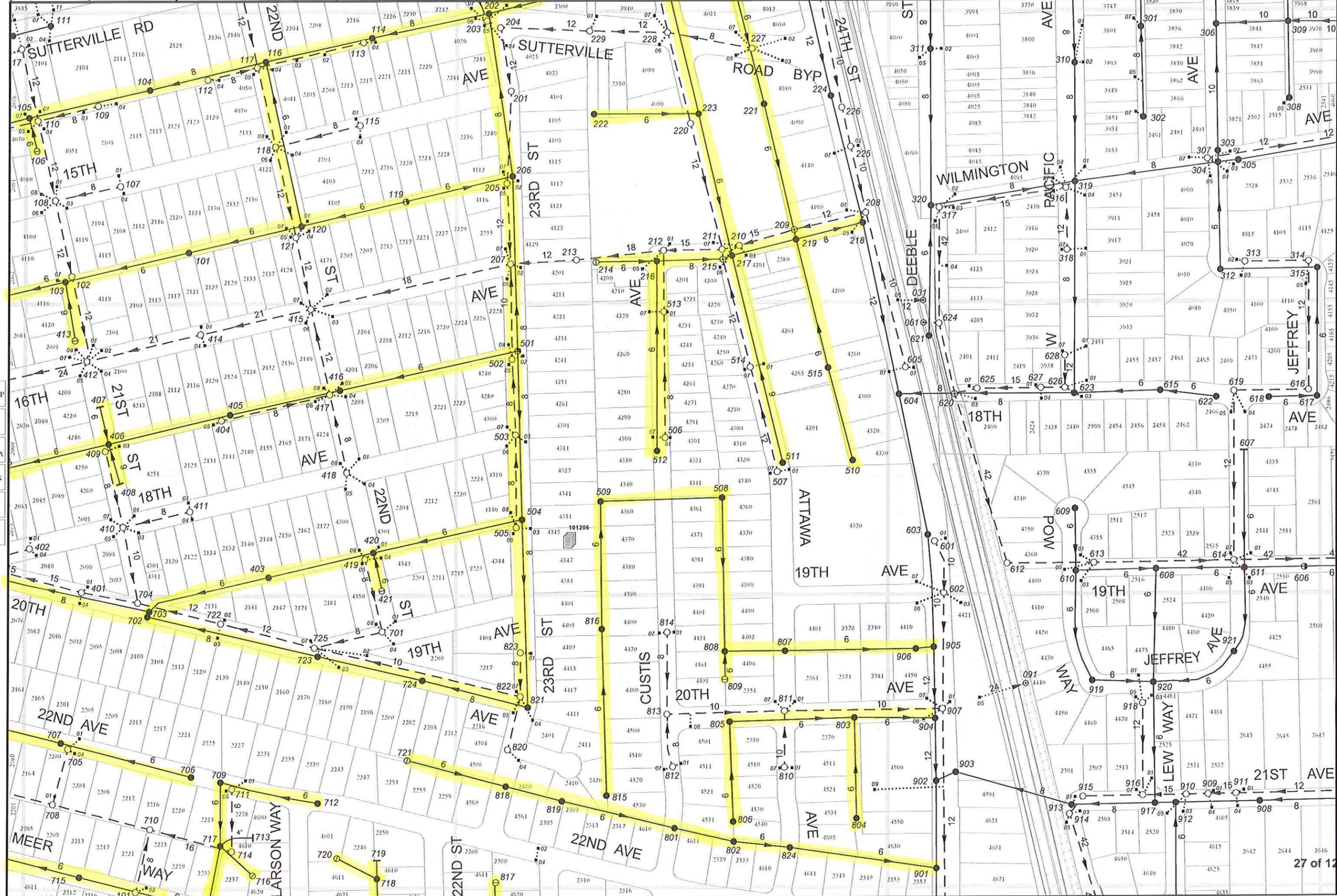
- ONLINE LINKS
- T-MAINS MAP
 - WATER PRESSURE
 - WATER AERIAL VIEW
 - Water Book
 - Sewer Book
 - Aerial
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Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth
101	C	9'SNLL	ELL	~	815	D	5'SNPL	9'EWC	5.7
104	C	148'WWC	22'SSC	6.5	816	D	265'E/MH	2'SNPL	5.2
105	C	85'NC	9'EWC	5.9	817	D	2'NSPL	265'E/MH	4.4
106	C	1'SSPL	8'EWC	6.0	818	D	~	~	~
107	C	21'EWLL	3'SNLL	7.0	819	D	~	~	~
108	C	11'NSC	6'WEPL	5.5	820	D	~	~	~
109	C	8'EWC	11'NSC	3.5	821	D	~	~	~
110	C	49'SSC	7'WEPL	7.7	901	C	4'WEPL	312'N/MH	6.4
111	C	2'SNLL	8'EWC	5.1	902	C	10'WEC	10'NSLL	7.2
112	C	1'SNLL	1'WELL	5.5	903	C	238'N/MH	6'WEPL	4.1
113	C	9'NSC	7'WEPL	3.0	904	S	21'WEC	10'SSC	4.7
114	C	6'SNC	3'EWC	3.6	905	C	8'EWC	15'NNC	4.3
115	C	21'SSC	7'WEC	4.1	906	S	6'SSC	20'EWC	3.9
116	C	8'SNC	9'WEC	6.2	907	C	15'WEC	14'NSC	3.2
117	C	9'NSPL	8'WEC	5.1	908	C	66'S POLE LN	5'WWPL	8.9
118	C	10'NSC	9'WEC	6.3	909	C	155' EEC	7' NNPL	3.8
119	C	10'NSC	20'WEC	4.4	910	C	163'E OF MH	7'NNPL	4.9
120	C	202'WWC	22'SSC	6.2	911	C	26'NNC	33'WWC	6.5
121	D	~	~	~	912	C	1'WEPL	8'NSC	4.9
301	C	103'NNC	10'WEC	5.0	913	C	5'NNC	11'WEC	6.6
302	C	110'NNC	10'WEC	11.9	914	C	11'WEC	30'SNC	5.9
303	C	10'NSC	10'WEC	12.8	915	C	10'NSC	7'WEC	8.9
304	C	10'WEC	14'SNC	4.2	916	C	34'WEC	10'SSC	10.5
305	C	107'NNC	10'WEC	3.9	917	C	8'NSC	10'WEC	10.4
306	C	113'NNC	10'WEC	12.2	918	C	4'WEC	9'NSC	7.6
307	C	10'WEC	15'SNC	4.1	919	C	70'WWPL	9'NSC	9.1
308	C	11'NSC	10'WEC	11.4	920	C	105'W/MH919	6'SNC	5.0
309	C	10'WEC	15'NSC	3.8					
310	C	10'NSC	10'WEC	10.7					
401	D	84'WWC	123'N OF MH	4.6					
402	D	67'N OF MH	86'WWC	4.7					
403	D	~	107'N/MH	4.9					
404	D	~	31'N OF MH	5.2					
405	C	~	~	~					
406	C	~	~	~					
407	D	~	~	~					
408	C	~	~	~					
409	C	39'EEC	54'SNC	6.6					
410	C	~	~	~					
501	C	340'S OF MH	22'WWPL	7.0					
502	D	77'WEPL	181'NOFMH	2.9					
503	D	77'WEPL	179'NOFMH	3.9					
505	C	53'EEC	36'SSC	7.0					
506	C	8'SSC	39'EEC	7.1					
508	C	~	~	~					
509	C	63'SSC	119'EEC	~					
510	C	25'NNC	81'WWC	~					
601	C	27'NNC-Suttrvl	1.5'EWPL	6.0					
602	C	3'NSLL	3'EWLL	~					
603	C	3'EWLL	2'SNLL	6.1					
604	C	9'WEC	16'SNC	3.5					
605	C	105'SSC	10'WEC	4.1					
606	C	77'NNC	8'WEC	10.7					
607	C	105'SSC	9'WEC	10.4					
608	C	10'NSC	9'WEC	10.1					
609	C	4'SNLL	10'WEC	9.9					
610	C	37'WWC	41'NNPL	5.0					
701	D	~	~	~					
702	D	~	~	~					
703	D	34'WWC	30'NNC	5.8					
704	D	32'NNC	94'W POLE LN	2.4					
705	D	5'SSC	9'EWC	4.0					
706	S	~	~	~					
801	D	47'SSC	4'EEC	7.8					
802	C	124'S OF MH	49'WWC	7.3					
803	C	311'S OF MH	22'WWPL	6.3					
804	D	57'W OF MH	121'NSPL	4.3					
805	D	32'WWC	65'NSPL	3.1					
806	D	51'WWC	139'N OF MH	~					
807	D	96'E POLE LN	32'NNC	3.5					
808	D	1'NSC(W)	1'WEC	3.0					
809	S	61'NNC	6'WEPL	9.1					
810	D	14'WEC	6'SNLL	5.7					
811	S	5'EWC	12'SNLL	8.6					
812	S	9'EWPL	12'SSPL	5.9					
813	S	9'SNPL	15'WEC	4.8					
814	S	20'SNLL	16'EWLL	4.5					



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Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth
101	C	17'WEC	165'NNC	6.1	701	S	366'S OF MH	17'EWC	7.8
102	S	14'EW WALL RES	16'SS WALL RES	2.4	702	S	22'NSLL	13'WEC	6.6
201	D	76'N/MH	75'WWC	2.9	703	S	369'S/MH	17'EWC	7.2
202	C	385'S/MH	226'WWC	2.8	704	D	2'NSLL	2'EWPL	2.3
203	S	60'S/MH	231'WWC	1.1	705	D	11'SNLL	2'EWLL	2.4
204	D	419'E/MH	620'NNC	5.2	706	D	86'S/MH	10'WEC	5.9
205	C	57'N/MH	~	~	707	D	7'NSLL	9'WEC	6.0
302	C	121'N/MH	12'WEC(S)	7.0	708	D	49'SNLL	10'WEC	5.1
303	C	30'NSC(E)	12'WEC(E)	6.6	709	D	9'NSC	9'WEC	6.0
304	D	20'EWC(S)	17'NSC(E)	~	710	S	13'SNC	17'WEC	6.8
305	C	15'NSC(E)	9'WEC(S)	8.0	711	D	3'WELL	9'NSC	3.6
306	C	325'S/MH	2'WEC	2.0	712	S	7'EWLL	16'NSC	5.5
307	D	16'EWC	19'NSC	6.7	713	S	20'WELL	7'NSC	4.7
308	C	9'WEC	5'NSC	8.6	714	S	13'NSC	15'EWC	6.7
309	D	30'NNC	4'WEPL	3.0	715	S	10'WWLL	14'NSC	4.5
310	D	76'SSC	5'WEPL	3.5	716	S	14'NSC	13'WEC	5.1
311	S	54'SSC	5'WEC	6.0	801	S	13'NSLL	16'WEC	7.1
312	D	12'SNC	10'EWC	5.0	802	D	14'EWC	189'SSC	12.1
313	D	4'EWPL	9'SNC	4.0	803	S	82'S/MH	110'WWC	~
314	C	16'NSC	8'WEC	8.6	804	S	142'N/MH	10'WWC	6.0
315	D	64'EEPL	5'NSPL	3.0	805	S	15'NSC	109'WWC	7.5
316	S	11'EWPL	10'SNPL	8.1	806	S	15'NSC	15'EWC	4.2
317	D	10'SSC	8'WEC	4.5	807	S	9'EWC	14'NSC	4.5
318	C	27'NSC	14'EWC	5.7	808	S	16'EWC	11'NSLL	4.0
319	C	~	~	~	809	D	4'SSPL	9'EWC	8.5
401	D	8'SNC	6'EEC	2.1	810	D	9'NSC	17'EWC	12.8
402	D	70'W/MH	10'SNC	3.0	811	D	8'NSC	9'EWC	7.9
403	S	13'NSC	13'EWC	7.9	812	D	9'NSC	15'EWC	8.8
405	D	5'EWLL	18'SNC	4.0	813	D	5'SSLL	9'EWC	4.7
406	D	7'EWC	18'SNC	6.0	814	D	3'EWLL	5'SNLL	6.2
407	S	16'EWC	16'NSC	8.9	815	D	3'NSLL	3'W POLE LN	3.3
408	S	15'EWC	12'NSC	9.0	816	S	6'NSLL	15'WEC	7.5
409	S	12'NSC	8'EWLL	7.9	901	D	VAULT	~	~
410	S	276'WWC	46'NNC	6.6	902	S	20'EWLL	9'SNC	6.0
411	D	8'NSC	9'WEC	4.9	903	D	2'NNC	6'EWLL	2.5
412	S	13'SNC	16'WEC	7.0	904	S	5'EWLL	9'SNC	5.0
413	S	14'W/MH	3'SSC	DRY WELL	905	D	4'WELL	5'SNPL	D.I.
414	D	15'EWLL	10'NSC	2.9	906	D	2'EWLL	2'SSC	2.9
415	S	7'WELL	13'SNC	3.5	907	S	1'EWC	5'SNC	5.4
416	S	41'SNLL	13'WEC	7.3	908	D	4'WELL	14'NSC	2.6
501	S	11'NSC	71'EEC	4.6	909	S	1'WELL	4'SNC	6.0
502	D	60'SSC	301'EWC	2.1	910	D	14'NSC	12'EWC	2.9
503	D	9'EWC	8'SNC	5.9	911	D	4'EWC	15'SNC	3.7
504	D	6'EWLL	6'SNC	5.0	912	S	66'SSC	3'WEPL	5.0
505	D	7'SNC	16'EWC	3.9	913	S	4'NSLL	2'WELL	5.0
506	D	14'WEC	17'SNC	6.1	914	S	4'NSLL	3'E/POLE	~
507	S	125'EEC	10'NSC(E)	3.6	915	D	18'EWC	5'NSLL	13.1
508	S	16'WEC	10'NSC(E)	4.1	916	S	2'EEC	120'SSC	8.6
509	D	10'NSC	289'WWC	3.4	917	S	3'WEC	53'NNC	8.1
510	D	87'N/MH	288'WWC	2.9	918	S	3'WEC	14'SNC	8.6
511	S	15'EWC	4'SNLL	3.0	919	S	4'WEC	10'SSC	8.2
512	S	98'WWC	6'SNLL	4.0					
513	S	8'SNLL	5'WELL	~					
515	D	~	~	~					
601	D	16'EWC	6'NSC	4.8					
602	S	10'WEC	13'NSC	8.1					
603	D	20'WEC	5'SNC	12.2					
604	D	22'SNC	15'EWC	3.3					
605	S	24'WEC	18'NSC	8.7					
606	S	29'WEC	13'NSC	9.2					
608	S	15'NSC	10'WEPL	7.7					
609	D	1'WEPL	5'SNC	11.4					
610	D	102'SSC	4'WEPL	2.0					
611	S	15'NSC	15'WEC	6.9					
612	D	4'SNC	5'EWC	10.8					
613	S	18'EWLL	16'NSC	7.9					
614	D	26'NSC	11'WELL	9.2					
615	D	4'NSPL	7'EWC	10.6					
616	S	219'EEC	9'NSPL	5.8					
617	S	14'WEC	10'NSPL	6.9					
618	S	15'SNC	9'WEPL	6.1					
619	D	9'NSC	3'WEC	2.5					
620	D	8'EWC	4'NSC	12.0					
621	D	11'WELL	1'NSC	10.4					
622	S	7'EWLL	9'SNPL	6.1					
623	S	15'WEC	10'SNC	6.1					
624	D	27'SNLL	8'EWC	5.0					



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Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth
101	S	10'NSPL	231'WWC	5.8	408	S	38'NNC	16'WEC	5.0	721	S	7'WELL	9'SNLL	~
102	D	8'WEC	3'NSPL	7.0	409	D	9'EWEC	4'NSPL	5.3	722	D	63'WELL	5'SNC	7.0
103	S	10'SNPL	16'WEC	6.0	410	D	~	~	~	723	S	3'WELL	5'SSC	6.1
104	S	229'WWC	9'SNPL	6.8	411	D	10'NSC	6'WEC	5.0	724	S	19'WELL	5'SSC	5.2
105	S	14'EWEC	9'SNPL	6.9	412	D	5'WEC	4'NSC	11.0	725	D	22'WELL	5'SNC	6.8
106	S	83'S/MH	15'EWEC	6.8	413	S	53'NNC	15'EWEC	~	801	S	10'SNLL	11'EWEC	6.3
107	D	114'EEC	8'NSC	4.0	414	D	10'NSC	12'WELL	10.0	802	S	14'EWLL	10'SNLL	6.9
108	D	9'NSC	8'WEC	6.5	415	D	5'WEC	15'NSC	9.3	803	S	5'SSC	2'EELL	6.5
109	D	164'EEC	4'NSPL	2.5	416	S	13'WEC	10'NSPL	3.9	804	S	16'NNLL	5'E POLE LN	5.9
110	D	9'WEC	6'NSPL	5.0	417	D	5'WEC	6'NSPL	5.6	805	S	3'WELL	5'SSC	5.3
111	S	27'NSC	1'WWC(N)	4.6	418	D	6'WEC	10'NSC	4.9	806	S	32'SNLL	3'WELL	5.7
112	D	100'WWC	3'NSC	4.7	419	D	5'EWEC	5'NSPL	5.0	807	S	7'EEC	5'SNLL	9.1
113	D	217'WWC	6'NSPL	4.2	420	S	15'WEC	10'SNPL	4.7	808	S	6'EWLL	1'SNLL	8.1
114	S	215'WWC	9'SNPL	6.2	421	S	6'WEC	85'NNC	4.0	809	S	4'EWPL	20'SNLL	~
115	D	10'NSC	24'EWLL	5.0	501	S	7'WEC	9'SNPL	3.2	810	D	1'SNLL	10'WEC	5.1
116	S	9'SNPL	8'WEC	6.1	502	D	9'EWEC	8'NSPL	7.6	811	D	10'NSC	10'WEC	5.7
117	D	9'EWEC	5'NSPL	5.2	503	D	6'NSC	10'EWEC	6.7	812	D	70' SSC	7' WEC	2.0
118	D	10'NSC	22'WEC	5.7	504	S	5'WEC	8'NSPL	4.3	813	D	22'WEC	11'NSC	4.3
119	S	10'SNPL	216'WEC	3.7	505	D	9'EWEC	1'SNLL	5.9	814	D	203'N/MH	11'WEC	4.8
120	S	6'WEC	8'SNC	4.0	506	D	23'NSLL	11'WEC	5.0	815	S	10'SNLL	4'EWLL	3.2
121	D	9'EWEC	8'NSPL	6.6	507	D	5'EWEC	2'NSLL	5.9	816	S	7'EWLL	9'NSLL	4.2
201	D	14'WEC	15'SNC	7.4	508	S	3'EWLL	2'SNLL	6.1	817	S	41'SSC	1'EWPL	~
202	S	26'WEC	9'SNPL	6.1	509	S	4'EWLL	2'NSLL	5.5	818	S	85'SSC	14'EWEC	4.5
203	D	6'NSPL	12'EWEC	4.4	510	S	1'EPOLEIN	8'NSLL	7.1	819	S	9'WELL	8'SNLL	4.8
204	D	~	~	~	511	S	18'SNLL	15'EWEC	4.8	820	D	4'SNC	15'EWEC	3.8
205	D	12'EWEC	1'NSPL	7.5	512	S	23'SNLL	15'EWEC	4.0	821	S	5'SSC	6'WEC	4.9
206	S	6'WEC	8'SNPL	4.4	513	D	15'SNLL	11'WEC	6.3	822	D	10'EWEC	5'SNC	5.7
207	D	15'NSC	15'WEC	9.0	514	D	5'EWEC	2'SNLL	5.7	823	D	61'SSC	10'EWEC	5.2
208	D	6'SNC	13'WEC	6.6	515	S	230'SSC	8'EPOLEIN	7.7	824	S	8'SNLL	10'EWEC	7.0
209	D	138'WWC	11'EWPL	7.9	601	D	19'WEC	101'NNLL	7.9	901	S	113'NNC	18'EWEC	9.7
210	D	~	~	~	602	D	3'SSC	18'WEC	7.4	902	S	17'EWEC	114'SSC	9.8
211	D	5'EWEC	37'NSC	7.0	603	S	17'EWEC	140'NSLL	9.9	903	S	99'SSC	14'WEC	9.5
212	D	9'WEC(S)	26'NSC	7.7	604	S	13'EWEC	36'NSC	9.2	904	S	18'EWEC	5'SSC	10.2
213	D	99'W/MH	26'NSC	6.0	605	D	13'WEC	2'SNLL	4.9	905	S	2'NSLL	17'WEC	10.5
214	S	133'W/MH	23'NSLL	6.0	606	S	5'WELL	15'NSC	3.8	906	S	4'SNLL	14'WWC	9.6
215	D	5'EWEC	28'NSC	7.1	607	S	2'NSLL	11'WEC	~	907	D	20'WEC	10'NSC	7.9
216	S	22'NSC	15'EWEC	6.7	608	S	2'WELL	15'NSC	5.9	908	S	15'SNC	5'WELL	7.1
217	S	15'EWEC	17'NSC	7.2	609	S	25'SNC	27'WEC	4.1	909	D	5'SNC	3'WELL	5.2
218	S	11'EWEC	14'NSC	9.1	610	S	15'NSC	10'WEC	4.3	910	D	28'EEC	6'SNC	4.9
219	S	145'EEC	13'NSC	8.3	611	S	15'NSC	10'WEC	3.8	911	D	33'EWLL	6'SNC	4.5
220	D	13'EWPL	168'SSC	7.4	612	D	3'NSLL	7'EWLL	11.3	912	S	15'NSC	9'EEC	7.6
221	S	68'SSC	8'E POLE LN	6.7	613	D	27'EEC	7'SNC	9.0	913	S	14'SNC	2'WEC	7.2
222	S	15'EELL	18'S POLE LN	5.5	614	D	8'SNC	8'WWC	9.1	914	D	WC	3'NSC	9.3
223	S	20'E/POLE LN	156'SSC	6.6	615	S	~	~	~	915	D	12'SNC	25'EEC	4.7
224	S	1'NSC	6'EWEC	8.5	616	D	9'EWEC	9'SNC	12.0	916	D	9'EWEC	5'SNC	4.8
225	D	129'N OF MH	20'WEC	6.3	617	S	21'EWEC	21'SNC	3.7	917	S	13'NS POLE	189'E OF MH	8.6
226	D	66'SSC	26'WEC	6.1	618	S	48'EEC	8'NSC	3.6	918	D	30'SSC	10'EWEC	4.0
227	D	5'WEPL	19'SNC	4.9	619	D	9'SNC	9'EWEC	6.8	919	S	14'SNC	4'WEC	5.9
228	D	20'SNC	9'WEC	6.3	620	D	4'E POLE	19'NSC	11.3	920	S	16'NSC	10'EEC	5.9
229	D	12'WEPL	18'SNC	5.7	621	S	7'W POLE LN	6'SSLL	4.7	921	S	18'WWC	10'NSC	4.9
301	C	260'N/MH	4'WEPL	5.1	622	S	34'WWC	9'NSC	3.1					
302	C	4'EWPL	21'NNPL	3.7	623	S	19'WEC	16'NSC	6.3					
303	C	15'WEC	19'NSC	~	624	D	11' WEC	8' N Pole	9.8					
304	S	7'EWEC	13'NSC	6.0	625	D	51'EWLL	22'NSC	5.5					
305	S	18'SNC	63'EEC	5.9	626	D	50'WWC	9'SNC	5.9					
306	C	10'WEC	2'NSLL	6.5	627	D	13'EWEC	9'SNC	6.0					
307	D	15'WEC	19'NSC	~	628	D	61'NNC	13'EWEC	5.5					
308	C	96'NNPL	6'WEPL	4.3	701	D	6'EWEC	10'NSC	6.1					
309	C	5'WEPL	2'SNLL	4.1	702	S	1'WWC	6'NSC	6.9					
310	C	331'N/MH	20'EWEC	6.0	703	S	1'EWEC	15'NSC	6.9					
311	S	20'W POLE LN	4'SSLL	4.9	704	D	5'SNC	12'EWEC	8.3					
312	S	19'SNC	19'WEC	4.7	705	D	2'WELL	2'SSC	2.9					
313	D	46'EEC	9'SNC	4.9	706	S	24'EWLL	9'SNC	4.0					
314	D	13'SNC	9'EWEC	5.7	707	S	5'WELL	9'SNC	4.0					
315	S	10'NSC	19'EWEC	4.2	708	D	2'WELL	3'NSPL	D.I.					
316	D	27'WEC	8'NSC	7.0	709	S	167'WWC	5'SNC	3.0					
317	D	5'WEC	7'NSC	9.5	710	D	1'WELL	5'SNPL	D.I.					
318	D	27'NSLL	14'EWEC	6.0	711	D	7'EWLL	15'SNC	3.0					
319	S	20'EWEC	15'NSC	6.4	712	S	82'EEC	7'SNC	3.4					
320	S	23'WWLL	17'NSC	5.9	713	S	60'EWLL	4'SNLL	~					
401	D	51'WELL	5'SNC	8.3	714	D	5'EWLL	1'NSLL	4.0					
402	D	23'EWLL	9'NSC	4.9	715	S	3'EWLL	5'SNC	5.0					
403	S	18'EWLL	9'SNPL	6.5	716	S	2'EWLL	2'SNLL	~					
404	D	256'WWC	4'NSPL	3.4	717	S	1'EWLL	4'SNLL	4.0					
405	S	24'EWLL	10'NSPL	3.9	718	S	20'SNLL	1'EWLL	4.0					
406	S	13'WEC	10'SNPL	5.9	719	S	1'EWLL	27'N/MH	~					
407	S	46'SSC	16'WEC	5.0	720	S	9'WELL	1'SNLL	~					



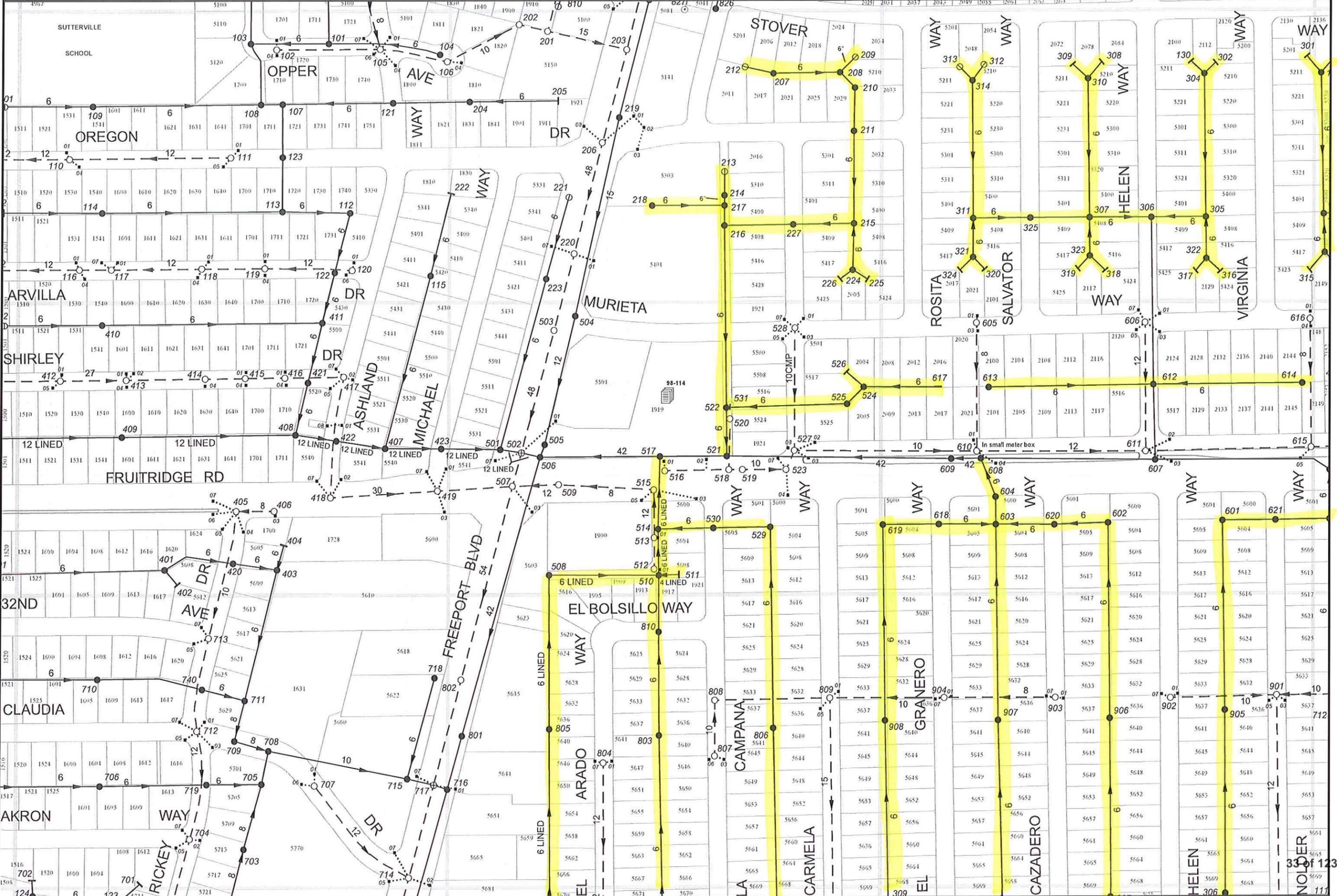
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Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth
101	S	4'N POLE	2'WEC	2.0	507	S	4'SNLL	1'EWLL	6.4	908	S	24'EWLL	3'SNLL	9.1
102	S	20'NSC	25'WELL	8.7	508	D	8'NSC	9'WEC	3.7	909	D	7'WEC	11'SNC	7.7
103	S	20'NSC	18'EWLL	11.9	509	S	4'WWC	53'SSC	8.9	910	S	3'EWLL	8'NSLL	7.4
104	D	25'WELL	11'NSC	9.6	510	S	12'WEC	22'SSC	9.1	911	S	3'SNLL	3'EWLL	7.4
105	D	24'WWC	10'NSC	10.7	511	D	7'EW(C)	53'SSC(N)	13.1	912	S	3'SNLL	3'WELL	9.4
106	D	6'WEC	11'NSC	10.1	512	S	5'SNLL	2'EEC	9.9	913	S	51'NSLL	1'EWLL	7.0
107	S	13'WEC	20'NSC	11.4	513	D	16'SNC	22'EW(C)	14.9	914	S	33'NSLL	2'WEPL	6.4
108	S	83'WEC	20'NSC	10.0	514	D	18'WEC	13'SNC	7.3	915	S	54'EEC	2'SNLL	~
109	S	9'EWLL	20'SNC	10.0	515	D	12'SNC	194'W/MH	6.6	916	D	8'EW(C)	18'NSLL	5.9
110	D	11'NSC	5'WEC	9.6	516	D	4'SNC	38'WELL	6.2	917	S	2'WELL	2'SNLL	5.0
111	S	4'NSLL	13'WEC	10.9	517	S	285' WWC	16' SNC	9.5	918	S	3'SNLL	23'EWLL	5.4
112	S	9'NSC	4'WWC	4.9	518	S	11'SNC	15'EW(C)	9.5	919	S	58'WWC	2'SNLL	~
113	S	15'NSC	8'WELL	7.2	519	S	10'EW(C)	191'NNC	9.4	920	D	8'WEC	11'SNC	3.4
114	D	29'EWLL	7'NSC	6.1	520	D	~	~	~	921	S	7' WEC	1'NSPL	8'8"
115	S	13'WEC	15'NSC	10.9	521	D	~	~	~	922	S	4'SNLL	6'WEC	~
116	D	6'WEC	7'NSC	10.0	601	D	1'EWLL	~	9.4					
117	D	6'WEC	12'NSLL	8.6	602	S	26'NSLL	2'EWLL	7.1					
118	D	4'NSPL	3'WEC	1.5	603	S	1'SNLL	2'EWLL	6.0					
119	S	34'WELL	13'SNC	5.4	604	S	3'SNLL	3'EWLL	5.9					
120	S	21'NSLL	13'WEC	6.7	605	S	104'SSC	88'WWC	5.0					
201	D	16'EW(C)	51'NSLL	12.4	606	S	31'EWLL	2'SNLL	5.0					
202	S	4'WWC	11'SNLL	6.4	607	D	11'SNC	2'WWC	8.1					
203	S	7'NSC	4'WEC	8.1	608	D	7'NSC	7'WEC	3.2					
204	D	5'NSPL	13'EEC	6.5	609	S	23'EWLL	6'SNLL	6.0					
205	D	3'SNLL	15'EW(C)	13.1	610	S	5'SNLL	31'WELL	6.0					
206	S	28'WEC	28'SNC	9.1	611	S	11'EWLL	11'SNLL	6.0					
207	D	13'NSC	15'EW(C)	13.4	612	D	11'NSC	7'WEC	8.3					
208	S	16'SNC	7'EW(C)	8.4	613	S	17'NSC	12'WEC	5.0					
209	S	20'SNC	13'EELL	8.4	614	S	18'EWLL	6'SNC	5.0					
210	S	20'SNC	5'WELL	8.0	615	D	1'EWLL	10'NSC	9.5					
211	D	4'NSLL	4'WELL	4.5	616	S	9'WELL	6'SNC	5.4					
212	S	31'EW(C)	3'NSC	5.4	617	S	10'EWLL	11'NSC	6.4					
213	D	8'WELL	11'NSC	3.6	618	S	14'NSC	10'WEC	5.0					
214	S	16'NSC	11'WELL	4.9	619	D	6'WEC	11'NSC(E)	6.5					
215	D	7'NSC	45'WELL	4.1	620	D	144'EEC	25'EEC	6.5					
216	D	~	~	~	701	S	13'NSLL	9'E POLE IN	6.8					
301	S	235'NNC	3'WEPL	6.0	702	D	5'SNLL	10'EW(C)	4.1					
302	D	5'EWPL	248'SSC	4.0	703	S	6'NSC(E)	5'WEC	4.1					
303	S	7'WELL	9'SNLL	~	704	S	5'WEC	2'NSLL	4.0					
304	S	2'NSLL	1'EWLL	5.0	705	S	4'NSLL	5'EWLL	5.0					
305	S	1'NSLL	3'EWLL	6.0	706	S	10'WEC	10'SNC	5.2					
306	S	31'WELL	5'NSC	6.0	707	S	10'NSC	72'E/MH	4.5					
307	D	10'EW(C)	15'NSC	2.0	708	S	5'NSC	65'WWC	3.1					
308	D	4'NSLL	6'WWC	2.0	709	S	5'WEC	48'SSC	~					
309	S	12'SNC	9'EWLL	8.4	801	S	6'NSC	27'WELL	3.9					
310	S	26'WELL	4'SNC	7.0	803	S	5'WEC	6'NSC	4.5					
311	S	5'SNLL	3'EWPL	~	804	S	121'NNC	15'EWPL	5.0					
312	S	5'NSC	7'WELL	6.5	805	D	10'SNC	23'WELL	4.7					
313	D	14'NSC	15'EW(C)	2.0	806	D	6'EWPL	9'SNC	6.0					
314	S	13'SNLL	11'EWLL	4.4	807	D	10'SNC	20'WELL	5.1					
315	D	7'NSLL	6'EEC	1.7	808	D	6'WEPL	5'NSC	6.8					
316	D	53'NNC	4'EWLL	2.6	809	S	6'WEPL	5'NSC	4.5					
317	S	3'WEPL	6'NSC	7.2	810	S	75'S/MH	6'WEPL	4.0					
318	D	6'WEPL	7'NSPL	5.6	811	S	21'EW(C)	190'NNC	5.9					
319	S	6'EWLL	7'SNC	8.6	812	D	27'EW(C)	220'NNC	15.6					
320	D	~	~	~	813	D	10'SNC	27'EW(C)	15.5					
321	D	~	~	~	814	S	13'EEC	303'N/MH	12.9					
322	D	~	~	~	815	D	8'NSC	8'WEC	6.2					
401	S	14'EWLL	17'N POLE LN	~	816	S	13'EEC	3'SNLL	12.3					
402	S	3'SNLL	13'EW(C)	3.3	817	S	1'S POLE LN	1'WWC	10.3					
403	S	15'SNPL	9'WWPL	5.0	818	S	1'SNLL	2'WELL	10.7					
404	D	5'WELL	7'NSC	5.0	819	D	3'SSC	27'EW(C)	16.1					
405	D	7'NSC	6'EWLL	6.1	820	D	8'WEC	12'SNC	8.8					
406	D	8'EWPL	139'N/MH	4.1	821	D	4'WELL	12'SNC	8.8					
407	S	8'SNLL	1'WWPL	5.6	822	S	13'EEC	126'SSC	13.2					
408	D	9'EWPL	4'SNC	5.8	823	S	2'SNLL	WLL	12.5					
409	S	7' SNC	9' WEPL	9.0	824	S	1'SNLL	WLL	12.1					
410	S	27'EWLL	3'SNC	12.1	825	S	8'WEC	128'SSC	12.0					
411	S	6'EELL	5'SNPL	15.6	826	S	8'WEC	29'SSC	4.0					
412	D	~	~	~	827	S	~	~	~					
413	S	~	~	~	901	S	3'SNLL	1'EWLL	6.4					
501	S	9'SNC	4'WELL	8.4	902	S	3'SNLL	WLL	10.4					
502	S	20'EWLL	7'SNC	7.4	903	S	3'SNPL	7'WELL	7.7					
503	D	31'WELL	10'EW(C)	10.2	904	S	4'SNLL	4'WEC	7.0					
504	S	14'SNLL	23'WELL	8.4	905	S	3' SNLL	15' EWLL	~					
505	S	95'N/MH	3'WWC	~	906	D	9'EW(C)	12'SNC	5.2					
506	S	24'SNLL	3'WWC	6.4	907	D	10'SNC	16'EWLL	6.7					



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Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth
101	D	6'EWLL	16'NSC	2.6	509	S	6'WELL	11'NSLL	6.0	902	S	25'NSLL	14'WEC	~
102	S	4'EWLL	74'NNC	5.0	510	S	3' S POLE LN	6'EWLL	4.0	903	S	136'NNC	11'WEC	4.1
103	S	2'EWLL	61'NSLL	~	511	S	3'SNLL	1'WELL	8.2	904	S	5'S POLE LN	6'WEC	5.5
104	S	4'EWLL	3'SNLL	5.0	512	S	8'SNLL	2'WEPL	4.0	905	S	45'N POLE	24'EEC	11.3
105	S	3'SNLL	1'WELL	5.0	513	S	2'WELL	5'NSLL	6.0	906	D	10'NSC	9'WEC	11.0
106	S	3'SNLL	4'WELL	5.0	514	D	15'SNC	1'EWLL	6.1	907	S	22'EWC	12'NSC	11.1
107	S	2'SNLL	4'WELL	5.0	515	D	1'EWLL	15'SNC	3.5	908	S	5'NNC	23'EWC	11.3
108	S	75'SSC	2'EWLL	4.0	516	S	1'NSLL	3'EWLL	8.1	909	D	26'NSC	8'WEC	13.4
109	S	131'EWC	5'NSC	4.4	517	S	13'WELL	1'NSLL	5.1	910	S	20'EWPL	12'NSC	7.9
110	S	2'WELL	4'NSC	4.0	518	S	14'WEC	124'SNC	6.0	911	D	53'WEPL	19'NSC	11.0
111	D	11'WEC	5'NSLL	2.5	519	D	~	~	~	914	D	14'SNC	137'EEC	9.9
112	S	3'WEPL	4'SSPL	~	601	S	99'SSC	23'EWC	10.7	915	D	14'WELL	15'SNC	6.2
113	S	2'WELL	4'NSC	4.0	602	D	4'NPOLELN	27'WWC	11.0	916	D	36'WWC	16'SNC	6.1
114	S	5'SNC	3'EWLL	4.4	603	S	34'S/MH	23'EWC	10.8	918	D	2'EEC	17'SNC	10.7
115	S	2'SSLL	ELL	4.0	604	S	24'EWC	10'SNC	11.0	919	D	5'E POLE	15'NNC	10.9
116	S	11'SNLL	1'EWPL	~	605	S	70'S OF MH	23'EWC	11.2	920	D	7'E POLE	19'NSC	14.9
117	S	26'WELL	2'NSLL	4.0	606	S	63'SSC	24'WEC	11.0	921	S	~	~	~
118	S	3'WELL	2'NSLL	4.4	607	D	8'WEC	10'NSC	12.2	922	S	~	~	~
119	S	2'EWLL	18'SNLL	4.0	608	D	8'WEC	3'SSLL	11.6	923	S	~	~	~
120	S	~	~	~	609	D	7'SNLL	8'WEC	11.5	924	S	~	~	~
121	S	57'SNLL	13'WEC	3.8	610	D	8'WEC	10'SNC	11.8	925	S	~	~	~
122	D	~	~	~	611	S	112'SSC	19'EWC	10.1					
122	D	~	~	~	612	S	3'WEPL	2'SNLL	10.7					
123	D	~	~	~	613	S	2'SNLL	203'EEC	10.3					
123	D	~	~	~	614	D	51'WEC	133'SSC	10.8					
124	D	~	~	~	615	D	40'EWC	25'SSPL	5.6					
125	D	~	~	~	616	S	107'SSC	23'WEC	9.2					
201	D	10'WEC	14'NSC	6.9	617	D	13'SNC	30'WEC	9.8					
202	D	11'WEC	14'NSC	7.8	618	D	9'SNC	30'WEC	10.3					
203	S	56'NNC	3'EWLL	~	619	D	12'NSC	17'WELL	5.2					
204	S	43'SSC	2'EWLL	~	620	S	22'WEC	110'SSC	7.8					
205	S	3'EWLL	7'NSLL	4.9	621	D	2'WEC	13'SNC	4.7					
206	S	1'EWLL	1'NSLL	6.5	622	D	~	~	~					
207	S	2'WELL	2'NSLL	~	701	S	3'WELL	2'SNLL	6.5					
208	S	44'SSC	2'EWPL	~	702	S	2'SNLL	2'EWLL	3.0					
209	S	3'SNLL	2'EWLL	8.0	703	S	90'EEC	2'SNLL	3.0					
210	S	5'WELL	3'SNLL	~	704	D	9'EWC	10'NSC	5.3					
211	S	3'EWLL	8'SNLL	3.0	705	D	5'WEC	11'SNC	3.2					
212	S	122'NNC	16'EWC	5.4	706	S	1'NSLL	2'WELL	3.0					
213	D	14'NSC	10'WEC	5.9	707	S	2'WELL	3'SNPL	4.0					
214	S	3'SNLL	3'EWLL	5.0	708	S	3'SNPL	6'WELL	5.5					
215	S	3'SNLL	1'EWLL	4.4	709	S	2'EWLL	2'SNLL	6.0					
216	S	3'SNLL	10'WEC	4.0	710	D	7'WEC	12'NSC	5.8					
217	S	10'NSC	ON ELL	7.9	711	D	7'WEC	10'NNLL	5.9					
218	D	~	~	~	712	S	3'SNLL	6'EWC	4.0					
301	D	14'NSC	12'WEC	9.8	713	D	12'NSC	35'EWLL	6.2					
302	D	~	~	~	714	D	13'WEC	10'SNC	3.4					
303	D	15'NSC	12'WEC	9.1	715	S	2'WELL	4'NSLL	4.4					
304	S	100'SSC	18'EWC	9.7	716	S	2' WELL	6' SNLL	5.5					
305	S	18'EWC	95'NNC	9.6	717	S	1'EWLL	3'SNLL	4.0					
306	D	10'NSC	12'WEC	9.1	718	S	3'SNLL	4'EWLL	~					
307	S	3'EWLL	3'SNLL	6.0	719	S	2'EWLL	1'SNLL	7.0					
308	S	3'SNPL	21'WEC	5.5	720	S	2'SNLL	4'EWLL	7.4					
309	S	4'NSC	4'WEC	5.3	721	S	8'WEC	117'NNC	6.7					
310	S	10'NSC	35'EEC	~	722	D	3'SNLL	8'EWC	6.6					
311	D	9'EWC	5'NSC	9.1	723	D	17'SNC	7'WEC	6.7					
312	D	12'SSC	20'WEC	10.1	724	D	13'SNC	16'EWC	3.3					
313	D	2'WEC	14'SNC	4.1	725	D	11'NSC	9'EWC	7.0					
314	D	11'SNC	31'WEC	10.1	726	D	15'SNC	6'WEC	5.1					
315	D	13'NSC	23'WELL	3.9	727	S	3'SNLL	4' EWLL	8.0					
316	S	111'SSC	23'WEC	6.8	728	S	~	~	~					
317	S	22'WEC	112'SSC	5.8	801	S	2'SNLL	8'EWLL	6.0					
318	S	3'SNLL	18'EWLL	6.2	802	S	3'WELL	3'SNLL	5.2					
319	D	~	~	~	803	S	1'SNLL	1'WWLL	6.0					
320	D	~	~	~	804	S	3'SNLL	1'EWPL	5.0					
401	S	3'EWLL	8'SNLL	4.4	805	D	16'SNC	16'EWLL	4.9					
402	S	5'WELL	7'SNLL	5.0	806	S	15'EWLL	3'SNLL	8.0					
403	S	2'SNLL	12'EWC	5.0	807	S	1'WELL	3'S POLE IN	6.8					
404	S	9'WELL	1'NSLL	~	808	D	2'EWLL	1'SNLL	3.4					
501	S	4'SNLL	1'EWPL	8.4	809	D	13'SNC	10'WWLL	2.7					
502	S	3'SNLL	2'EWPL	4.0	810	S	2'EWLL	3'SNPL	5.9					
503	D	16'NSC	16'EWC	4.5	811	S	3'WELL	2'SNPL	8.0					
504	D	4'SNLL	16'WEC	4.4	812	S	6'SNLL	1'WELL	4.0					
505	D	15'NSC	16'EWC	3.3	813	S	7'NSLL	1'WELL	5.0					
506	D	4'NSLL	1'WLL	8.2	814	S	9' SNLL	2' WELL	5.0					
507	S	7'EWLL	2'SNLL	8.4	815	D	1'EWLL	16'SNC	4.1					
508	S	2'SNLL	3'EWLL	6.0	816	S	133'NNC	9'WEC	6.0					

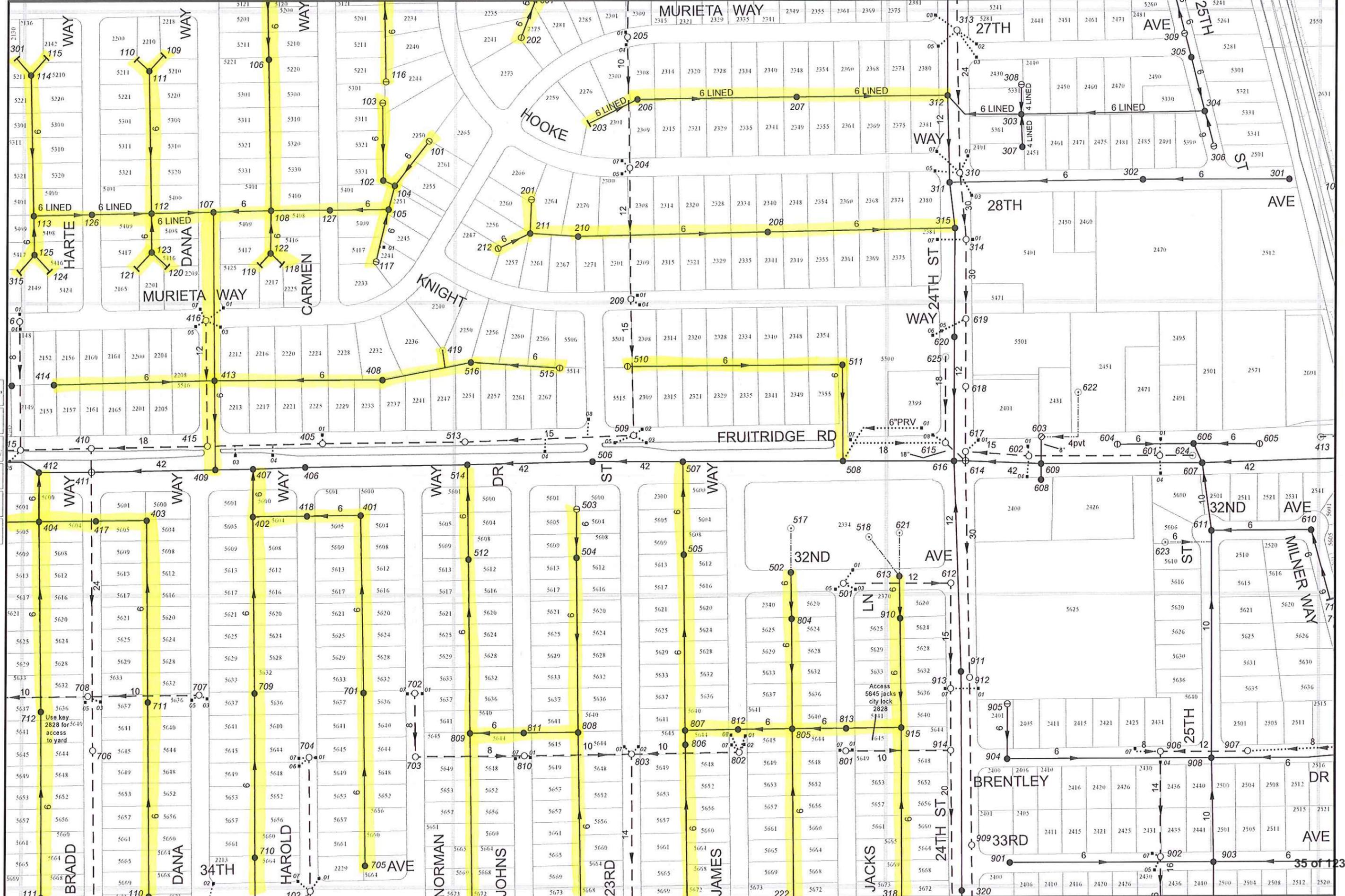


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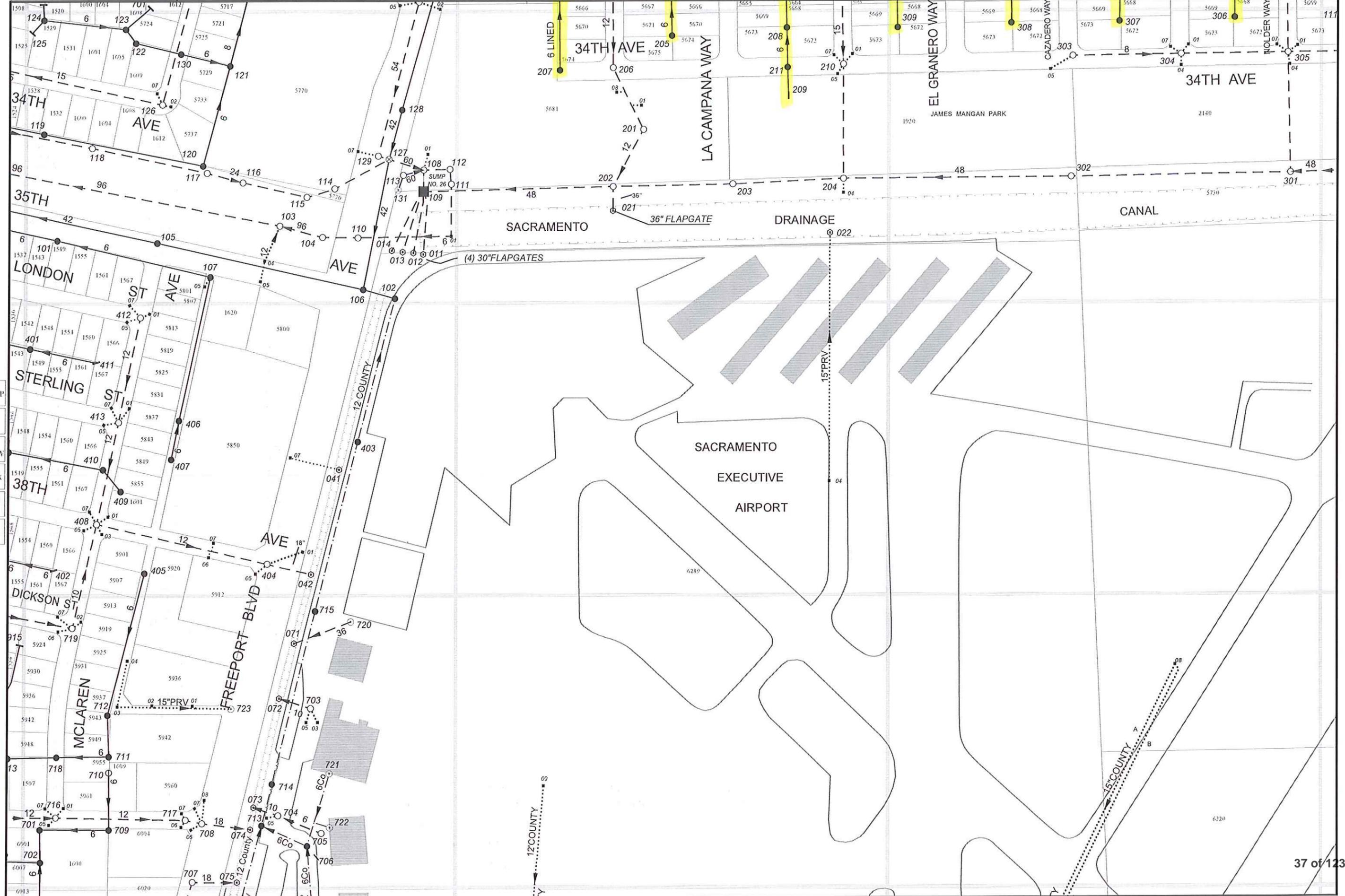
Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth
101	S	9'SNC	2'EWLL	5.6	403	S	3'SNLL	2'EELL	11.0	705	S	2'EWPL	66'SSC	~
102	D	27'WELL	10'NSC	4.9	404	S	6'NSLL	2'EELL	6.0	706	S	2'EWLL	2'SNLL	9.3
103	S	10'WEC	10'SNC	7.9	405	D	13'NSC	16'WEC	4.9	707	D	176'EWLL	14'SNC	6.1
104	S	29'SNC	34'WEC	4.1	406	D	5'EELL	13'NSC	4.3	708	S	75'E/MH	15'SNC	11.0
105	D	2'WEC	11'NSC	4.5	407	S	12'SNLL	2'EWLL	9.7	709	S	80'EEC	15'SNC	10.5
106	D	30'NSC	37'WEC	4.9	408	S	3'SNLL	2'EWLL	11.0	710	S	3'SNLL	3'WELL	10.5
107	S	2'EWLL	3'SNLL	7.5	409	S	17'EWLL	4'SNLL	9.1	711	S	83'NNC	1'EELL	12.5
108	S	20'EWLL	3'SNLL	7.5	410	S	2'NSLL	17'WELL	5.2	712	D	9'WEC	4'NSC	6.3
109	S	30'EWLL	6'SNLL	5.0	411	S	2'NSLL	2'EWLL	8.8	713	D	10'SNC	15'WEC	5.8
110	D	10'NSC	18'EWLL	9.9	412	D	22'WELL	10'NSC	12.3	714	D	25'NSC	27'WEC	14.9
111	D	10'NSC	11'EWLL	9.4	413	D	29'WELL	10'NSC	12.4	715	S	177'NNC	10'WWC	12.3
112	S	1'NSPL	10'WELL	8.6	414	D	23'EWLL	10'NSC	12.8	716	S	9'WEC	207'S/MH	13.1
113	S	2'NSPL	3'EWPL	7.7	415	D	3'EWLL	10'NSC	12.7	717	D	177'NNC	22'WEC	15.2
114	S	10'WELL	2'NSPL	5.0	416	D	39'EWLL	10'NSC	12.7	718	S	243'N/MH	7'WWC	5.0
115	S	3'EWLL	31'NSLL	5.9	417	D	8'NSLL	11'WEC	12.8	719	S	11'WEC	1'SNLL	8.5
116	D	10'NSC	12'WEPL	9.9	418	D	11'SNC	22'WEC	13.1	801	S	9'WEC	100'NNLL	13.3
117	D	10'NSC	21'WELL	9.5	419	D	6'WEC	32'SNC	14.2	802	D	13'SNLL	25'WEC	15.3
118	D	10'NSC	24'EWLL	9.0	420	S	1'SNLL	15'WEC	9.9	803	S	4'SNLL	WLL	8.1
119	D	10'NSC	18'EWLL	8.5	421	S	2'EWLL	15'NSC	9.0	804	D	10'SNLL	16'WEC	4.0
120	D	19'WWC	9'NSC	6.1	422	S	2'SNLL	17'WWC	0.0	805	S	2'EWLL	12'NSLL	4.1
121	S	11'WEC	4'SNLL	5.7	423	S	5'SNLL	8'WEC	9.0	806	S	3'SNLL	2'WELL	4.7
122	S	2'EWLL	15'NSC	7.9	501	S	48'NNC	6'WWC	10.4	807	D	16'SNLL	19'WEC	3.5
123	S	3'EWLL	13'NSC	6.8	502	D	40'NNC	26'WEC	14.6	808	D	2'NSLL	16'WEC	4.6
130	S	5'WELL	1'NSLL	3.5	503	D	12'NSC	26'WEC	15.1	809	D	1'NNLL	15'WEC	6.1
201	D	150'S/MH	14'WEPL	6.3	504	S	13'EEC	8'SNC	11.2	810	S	ONWLL	8'SNC	6.8
202	D	3'SNPL	150'S/MH	6.9	505	S	23'NNC	15'EEC	11.5	901	D	11'WEC	4'SNLL	7.9
203	D	2'SSLL	27'EWEC	15.6	506	S	23'NNC	13'EEC	~	902	D	11'WEC	3'NSLL	5.4
204	S	21'WELL	4'SNLL	5.0	507	D	78'S/MH	26'WEC	15.1	903	D	2'NSLL	16'WEC	3.3
205	S	6'EWLL	3'SNPL	~	508	S	3'EWLL	3'NNLL	7.4	904	D	10'WEC	3'NSLL	4.9
206	D	6'NNC	30'EWEC	15.1	509	D	21'NSC	48'EEC	6.0	905	S	2'EWLL	19'NSLL	7.1
207	S	1'EWLL	1'SNLL	3.0	510	S	4'N POLE IN	13'EWPL	7.7	906	S	1'SNLL	2'WELL	4.9
208	S	28'NSLL	1'EWLL	4.0	511	S	5'SNLL	3'EWLL	~	907	S	3'SNLL	2'WELL	4.0
209	S	41'NE/MH	1'SNLL	4.0	512	D	15'WEPL	17'N POLE IN	4.3	908	S	2'NSLL	2'WELL	5.5
210	S	2'NSLL	1'EWLL	4.4	513	D	120'SSC	13'EWPL	3.9					
211	S	10'NSC	2'EWLL	~	514	S	87'SSC	13'WEPL	8.2					
212	S	5'WELL	3'SNPL	~	515	D	5'NSC(W)	5'EWPL	4.1					
213	S	6'NSLL	6'EEPL	4.0	516	D	158'WWPL	5'SNC	~					
214	S	23'N/MH	6'WEPL	3.7	517	S	173'WWPL	3'NNC	13.6					
215	S	6'NSLL	5'EWLL	6.0	518	D	4'SNC	6'WEPL	2.9					
216	S	6'WEPL	231' NNC	8.5	519	D	4'SNC	14'EEPL	3.6					
217	S	44'N/MH	6'WEPL	4.5	520	D	99'NNC	6'WEPL	2.6					
218	S	10'S POLE LN	101'EEC	3.5	521	S	3'NNC	10'EWPL	12.1					
219	S	30'NNC	13'EEC	11.6	522	S	124'NNC	9'WEPL	8.0					
220	D	27'EWEC	142'SSC	14.8	523	D	4'SNC	51'WWC	3.8					
221	S	59'SSC	4'WWC	~	524	S	26'WELL	1'SNLL	5.5					
222	S	3'EWLL	11'NSLL	~	525	S	3'EWLL	5'SNLL	5.9					
223	S	4'WWC	54'NNC	4.5	526	S	5'WELL	2'NSLL	4.0					
224	S	2'NSLL	3'EPOLELN	5.0	527	D	10'NNC	13'WEC	4.6					
225	S	3'EWLL	3'SNLL	3.5	528	D	14'WEC	16'NSC	2.7					
226	S	2'WELL	8'SNLL	~	529	S	4'SNLL	2'WELL	6.9					
227	S	~	~	7.3	530	S	1'SNLL	8'WEC	6.1					
301	S	1'SNLL	90'EEC	4.0	531	D	~	~	~					
302	S	2'SNLL	3'EWLL	3.5	601	S	3'SNLL	4'EWLL	9.1					
304	S	3'EWLL	4'SNLL	3.0	602	S	3'WELL	2'SNLL	6.7					
305	S	4'SNLL	3'EWLL	8.0	603	S	2'WELL	2'SNLL	8.2					
306	S	5'SNLL	8'WEC	9.0	604	S	1'WELL	15'SSC	8.3					
307	S	3'EWLL	3'SNLL	3.4	605	D	22'WELL	9'SNC	2.4					
308	S	6'EWLL	1'SNLL	4.0	606	D	16'SNC	13'WEC	2.9					
309	S	2'NSLL	3'WELL	3.5	607	S	11'NSC	9'WEC	13.0					
310	S	25'NSLL	2'EWLL	5.0	608	S	5'SSC	4'WELL	13.0					
311	S	3'EWLL	3'SNLL	6.5	609	S	5'WELL	5'SSC	13.0					
312	S	4'EWLL	2'NSLL	3.0	610	D	3'WELL	13'NSC	6.7					
313	S	2'WELL	1'SNLL	3.0	611	D	9'WEC	11'NNC	11.8					
314	S	29'NSLL	2'EWLL	3.2	612	S	2'SPOLELN	10'WEC	9.8					
315	S	~	~	~	613	S	2'SNLL	WLL	5.8					
316	S	6'EWLL	3'SNLL	5.5	614	S	10'EWLL	2'SNLL	8.0					
317	S	6'SNLL	2'WELL	5.0	615	D	6'WELL	14'NSC	12.4					
318	S	10'EWLL	6'SNLL	6.0	616	D	25'EWLL	5'SNC	2.4					
319	S	6'SNLL	ELL	4.0	617	S	13'EWLL	2'SNLL	4.5					
320	S	2'SNLL	2'EWLL	5.0	618	S	2'SNLL	6'WEC	6.9					
321	S	12'SNPL	2'WELL	6.0	619	S	2'SNLL	2'WELL	7.5					
322	S	2'E POLE LN	1'SNLL	8.0	620	S	2'SNLL	8'WEC	6.0					
323	S	3'EWLL	37'SNLL	3.0	621	S	1'SNLL	10'WEC	8.5					
324	S	3'EWLL	14'SNLL	6.0	701	S	2'NSLL	7'EWLL	6.0					
325	S	~	~	5.0	702	S	27'NSPL	2'EWLL	~					
401	S	3'SNLL	1'EWLL	10.0	703	S	4'EWLL	158'SSC	11.0					
402	S	42'EWLL	21'NSLL	~	704	D	11'SNC	8'WEC	6.7					



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Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth
101	S	2'EWLL	8'SNLL	~	505	S	3'EWPL	2'SNLL	10.1	914	D	4'NSLL	17'EWL	5.8
102	S	3'NSLL	2'WELL	5.1	506	S	5'WEC	38'SNC	13.6	915	S	3'EWLL	2'SNLL	7.1
103	S	2'W POLE LN	5'NSLL	~	507	S	196'E/MH	39'SNC	14.7					
104	S	11'NSLL	3'E POLE LN	5.1	508	S	5'EWPL	37'SNC	14.7					
105	S	10'NSLL	5'EWLL	6.5	509	D	13'NSC	2'EWLL	5.1					
106	S	4'EWPL	4'SNLL	5.5	510	S	3'N/POLE LN	12'WELL	~					
107	S	11'WEC	2'SNLL	9.3	511	S	10'EWPL	128'SSC	7.9					
108	S	3'EWLL	3'SNLL	6.0	512	S	2'EWLL	2'SNLL	11.4					
109	S	4'EWLL	1'NSLL	4.0	513	D	19'SNC	14'WELL	6.9					
110	S	1'SNLL	4'EWLL	4.0	514	S	38'SNC	30'EWLL	13.9					
111	S	3'EWLL	29'NSLL	4.0	515	S	15'EWLL	2'SNPL	~					
112	S	3'EWLL	3'SNLL	5.4	516	S	20'WELL	1'SNLL	6.1					
113	S	4'SNLL	3'EWLL	6.0	517	S	~	~	~					
114	S	3'EWLL	6'SNLL	4.0	518	S	~	~	~					
115	S	6'EWLL	3'NSLL	4.0	601	D	9'EWLL	12'SNC	3.3					
116	S	12'SNLL	2'EWLL	~	602	D	3'SNC	1'EWLL	4.6					
117	S	8'SNLL	8'WELL	~	603	S	2'EWPL	24'NNC	~					
118	S	7'SNLL	10'EWLL	~	604	S	7'NNC	170'E/MH	~					
119	S	9'SNLL	6'WELL	6.0	605	S	78'E/MH	7'NNC	~					
120	S	5'EWLL	3'SNLL	6.5	606	S	3'WELL	6'NNC	7.8					
121	S	7'SNLL	3'WELL	6.5	607	S	6'EWLL	23'NSC	13.9					
122	S	1'WELL	1'SNLL	4.0	608	S	37'WELL	8'SSC	3.7					
123	S	4'SNLL	3'EWLL	4.0	609	S	3'EWLL	31'SNC	14.1					
124	S	6'EWLL	6'SNLL	6.0	610	S	10'NSC	21'EWL	4.7					
125	S	1'SNLL	3'EWLL	5.0	611	S	10'NSC	10'WEC	10.3					
126	S	~	~	5.7	612	D	9'SNC	21'EWL	5.2					
127	S	~	~	6.2	613	S	108'WWC	3'NNC	2.4					
201	S	3'WELL	6'NSLL	~	614	D	9'WEC	32'SNC	15.9					
202	S	2'SNLL	3'EWLL	~	615	D	4'EWL	4'SNC	4.6					
203	S	15'SNLL	5'WELL	4.0	616	S	36'NSC	29'EWL	14.9					
204	D	3'EWL	12'NSC	2.8	617	D	9'WEC	6'SNC	15.9					
205	D	2'EWLL	8'SNC	2.5	618	D	20'SSLL	10'WEC	14.0					
206	S	2'NSLL	2'WELL	4.5	619	D	9'NSC	10'WEC	13.4					
207	S	7'EWLL	3'SNLL	7.2	620	S	27'WEC	103'SSC	12.0					
208	S	15'EWLL	3'SNLL	7.9	621	S	~	~	~					
209	D	3'EWLL	13'SNC	3.7	622	S	~	~	~					
210	S	1'EWLL	4'SNPL	4.9	623	S	~	~	~					
211	S	4'EWLL	3'SNPL	4.9	624	D	~	~	~					
212	S	86'NNC	1'WELL	~	625	D	~	~	~					
301	S	95'EEC(N)	28'SNC	~	701	S	3'SNLL	2'EWLL	7.0					
302	S	38'EWLL	8'NSC	4.6	702	D	2'SNLL	10'WEC	3.8					
303	S	7'WEPL	3'NSPL	5.5	703	D	10'WEC	2'NSLL	4.7					
304	S	192'NNC	11'WEC	3.7	704	D	11'NSLL	8'WEC	3.3					
305	S	18'SSC	10'WEC	3.5	705	S	3'SNLL	2'EWLL	4.5					
306	S	50'NNC	11'WEC	~	706	D	16'WEC	17'SNLL	13.5					
307	S	10'SNLL	7'WELL	2.5	707	D	3'SNLL	12'WEC	6.7					
308	S	7'NSLL	9'WEPL	~	708	D	12'WEC	3'SNLL	7.1					
309	S	45'NNC	21'EWL	4.0	709	S	2'SNLL	2'EWLL	7.3					
310	D	22'NNC	10'WEC	13.0	710	S	2'SNLL	2'EWLL	6.0					
311	S	23'EWL	17'SNC	11.2	711	S	3'EWLL	20'NSLL	6.8					
312	S	19'SNLL	24'EEC	11.1	712	S	4'EWLL	22'NSLL	~					
313	D	10'WEC	26'NNC	12.1	801	D	10'WEC	2'NSLL	3.6					
314	D	110'NNLL	9'WEC	12.7	802	D	2'NSLL	12'EWL	7.5					
315	S	22'EWL	99'SSC	11.4	803	D	2'NSLL	10'EWL	6.9					
401	S	2'SNLL	2'EWLL	8.5	804	S	2'EWLL	2'SNLL	8.9					
402	S	2'EWLL	2'SNLL	10.0	805	S	2'SNLL	2'EWLL	8.9					
403	S	3'EWLL	3'SNLL	10.6	806	S	10'SNLL	3'EWPL	7.9					
404	S	3'EWLL	1'SNLL	10.0	807	S	2'SNLL	3'EWPL	7.9					
405	D	18'SNC	26'WELL	7.3	808	S	3'SNLL	3'EWL	7.1					
406	S	~	~	~	809	S	2'SNLL	2'EWLL	8.0					
407	S	~	~	~	810	D	11'WEC	2'NSLL	5.7					
408	S	2'EWLL	4'SNLL	6.6	811	S	4'SNLL	7'WEC	6.0					
409	S	13'WEC	5'SSC	13.3	812	S	1'SNLL	8'WEC	6.9					
410	D	21'EWLL	19'SNC	13.2	813	S	1'SNLL	8'WEC	6.8					
411	D	6'SSC	20'EWLL	14.1	901	S	74'EEC	10'NSC	3.4					
412	S	1'WELL	5'SSC	12.8	902	D	15'NSC	ELL	2.9					
413	S	3'S POLE LN	10'WEC	10.1	903	S	4'EWLL	11'NSC	7.1					
414	S	9'WELL	2'SNLL	7.0	904	S	10'NSC	74'EEC	3.3					
415	D	16'EWL	19'SNC	8.8	905	S	28'SNLL	2'WELL	~					
416	D	16'WEC	15'NSC	2.6	906	D	38'EWLL	2'NSC	1.9					
417	S	2'SNLL	8'WEC	9.6	907	D	57'WELL	3'SNC	1.5					
418	S	2'SNLL	9'WEC	9.2	908	S	10'NSC	14'EWL	7.9					
419	S	~	~	~	909	D	51'NNC	17'WEC	14.6					
501	D	13'WEC	9'SNC	4.3	910	S	2'SNLL	2'EWLL	5.8					
502	S	113'EEC	2'NNC	3.9	911	S	36'EWL	120'SSC	~					
503	S	10'NSLL	2'EWPL	~	912	D	22'NSLL	19'WEC	13.9					
504	S	2'EWLL	3'SNLL	6.7	913	D	18'NSLL	17'EWL	5.9					



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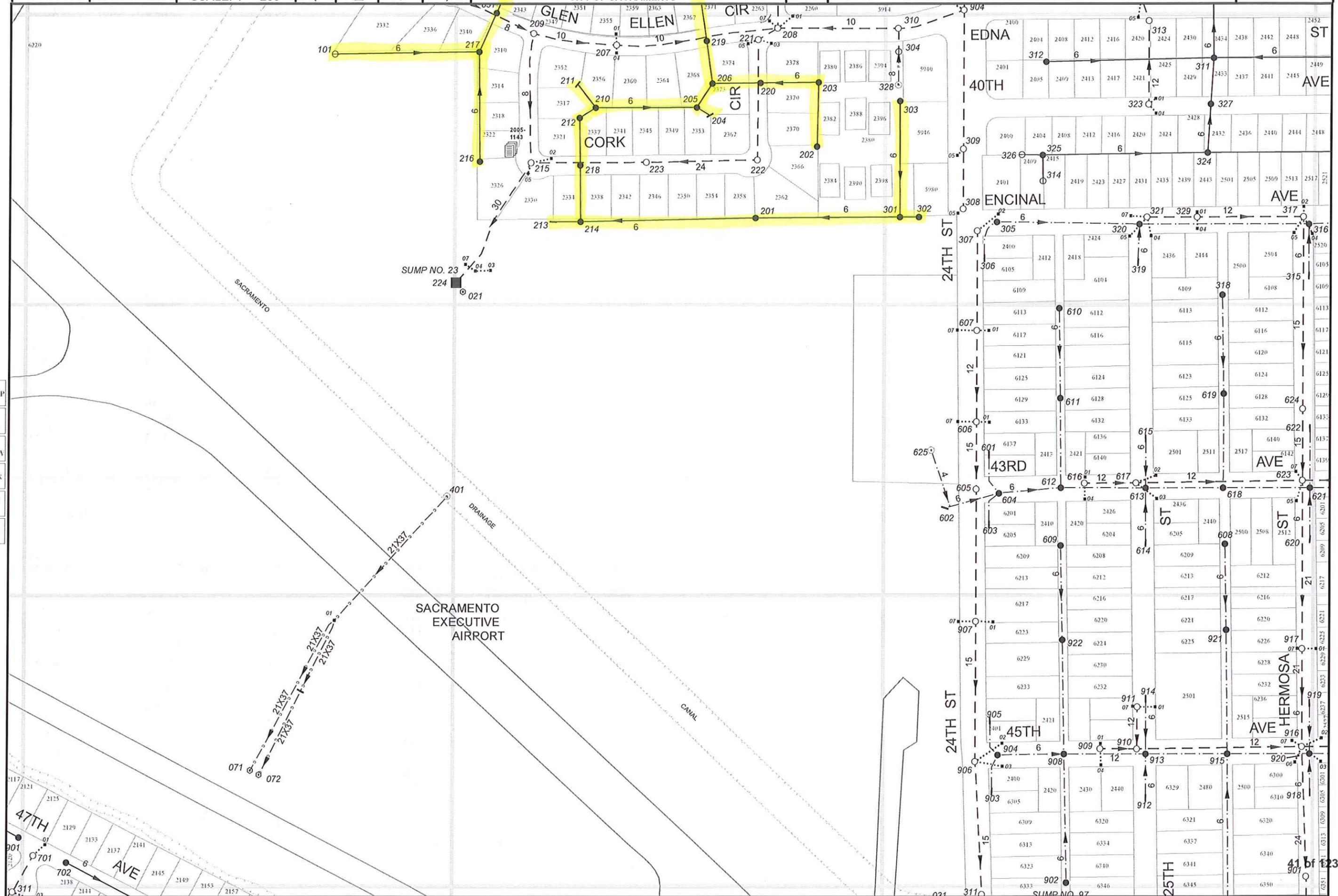
Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth
101	S	2'EWLL	3'SNLL	11.1	715	S	401'N OF MH	2'EWC	10.1
102	S	51'EEC	27'SNC	10.0	716	D	10'NSC	10'WEC	3.9
103	D	137'WWC	82'NNC	27.1	717	D	9'NSC	25'WWC	5.5
104	D	33'WWC	84'NNC	29.2	718	S	4'SNLL	5'WEC	6.0
105	S	24'SNC	19'WWC	5.5	719	D	10'EWC	15'SNC	2.7
106	S	15'SNC	4'WEC	17.9 FLOOD GATE 42"	720	D	~	~	~
107	S	6'WEPL	12'SSC	8.3	721	S	~	~	~
108	D	43'NSPL	29'EEC	15.0	722	S	~	~	~
110	D	FLOOD GATE	~	~	723	S	~	~	~
111	D	~	~	~					
112	D	48'NSPL	50'EEC	15.3					
113	D	44'NSPL	17'EEC	3.9					
114	D	188'NNC	23'WWC	21.1					
115	D	153'NNC	72'WWC	19.9					
116	D	61'E POLE LN	16'NNC	20.2					
117	D	177'NNC	8'E POLE IN	20.4					
118	D	174'NNC	233'W/MH	20.7					
119	S	4'EWLL	3'SSLL	6.8					
120	S	3'S POLE LN	3'EW POLE IN	9.9					
121	S	3'SNLL	3'EELL	9.8					
122	S	2'SNLL	3'EWLL	6.1					
123	S	20'WELL	2'SNLL	7.7					
124	S	3'EWLL	2'SNLL	5.1					
125	S	77'NNC	1'EWLL	5.0					
126	D	9'SNC	20'EWC	7.9					
127	D	205'SSC	6'WEC	18.9					
128	S	10'WEC	124'SSC	14.1					
129	D	25'EWC	217'SSC	18.9					
130	S	8'EWC	2'SNLL	4.4'					
131	D	~	~	~					
201	D	196'WELL	179'SSC	8.0					
202	D	4'EELL	20'NSPL	15.7					
203	D	18'NSPL	278'EWLL	15.5					
204	D	18'N FENCE	4'E FENCE	14.9					
205	S	3'WELL	3'SNLL	4.7					
206	D	9'SNC	15'WEC	6.2					
207	S	20'SNC	10'EWPL	2.0					
208	S	3'WELL	3'SNLL	3.0					
209	S	113'EEC	13'SSC	~					
210	D	15'WEC	16'SNC	8.8					
211	S	?	?	0.0					
301	D	201'SSC	10'WEC	14.6					
302	D	214'SSC	482'W/MH	14.9					
303	D	16'NSC	12'WEC	2.7					
304	D	10'WEC	11'SNC	4.1					
305	D	10'SNC	11'WEC	9.9					
306	S	3'EWLL	SLL	4.5					
307	S	2'SNLL	2'WELL	3.2					
308	S	2'WELL	2'SNLL	3.3					
309	S	2'SNLL	2'WELL	3.9					
401	S	3'SNLL	5'WELL	6.2					
402	S	8'EWLL	2'SNLL	~					
403	S	403'N OF MH	3'EWC	9.6					
404	D	2'EWC	13'NSC	3.9					
405	S	16'EWPL	64'SSC	6.7					
406	S	332'S/MH	15'EWPL	7.9					
407	S	86'S OF MH	15'EWPL	7.3					
408	D	15'EWC	14'NSC	2.0					
409	S	68'NNC	5'EEC	5.0					
410	S	94'NNC	6'EWC	4.5					
411	S	3'SNLL	3'WELL	~					
412	D	10'EWC	8'NSC	2.5					
413	D	10'EWC	12'SNC	2.4					
701	S	8'SSC	4'WEPL	4.6					
702	S	4'WEPL	3'SNPL	7.0					
703	D	2'SN SIDE BLDG	15'EWC	4.5					
704	D	28'WEC	38'NNC	4.1					
705	D	50'NN SIDE BLD	89'EEC	4.1					
706	S	12'WEC	21'SNC	8.2					
707	D	181'SSC	7'EWC	3.5					
708	D	1'NSC	18'WEC	5.8					
709	S	150'E/MH	8'SSC	3.0					
710	S	3'WELL	SLL	~					
711	S	3'WELL	2'SNLL	6.7					
712	S	1'W POLE LN	SPL	6.2					
713	S	22'SNC	69'WEC	10.5					
714	S	91'N/MH	47'EEC	~					



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Note: Special conditions exist, contact Supervisor.

Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth
101	S	11'SSC	109'WWC	~	507	D	53'SNSIDE	40'WWSIDE	8.1	832	D	~	~	~
102	D	9'WEC	2'NSC	5.4	508	D	39'EESIDE	18'NNSIDE	9.1	833	D	~	~	~
103	D	9'WEC	10'SNC	4.1	509	D	70'SNSIDE	4'EWSIDE	5.0	901	S	~	~	~
104	D	301'SSC	219'WWC	14.8	510	D	36'WWSIDE	32'NNSIDE	5.7	902	S	~	~	~
105	D	201'SSC	474'W/MH	14.1	511	D	20'WWSIDE	2'NNSIDE	8.9	903	D	16'EWC	13'NSC	3.0
106	S	17'SSC	106'EEC	~	512	D	38'EWSIDE#7	29'NSSIDE#9	7.1	904	D	5'NSC	20'EWC	6.1
107	S	110'EEC	13'SSC	~	513	D	29'SNSIDE	16'WWSIDE	5.8	905	D	18'EWC	128'NNC	3.8
108	D	10'WEC	11'SNC	5.9	514	D	~	~	~	906	D	3'EWLL	8'NNC	7.9
109	D	9'SNC	9'EWC	3.7	516	D	42'WW SIDE	33'SS SIDE	~	907	S	4'EWLL	3'NSLL	4.9
110	S	2'SNLL	3'EWLL	5.4	517	S	~	~	~	908	S	3'SNLL	1'EWLL	4.9
111	S	2'EWLL	2'SNLL	4.4	518	S	68'WWC	34'SSSIDE	3.7	909	S	3'SNPL	3'EWLL	10.5
201	D	98'EW FENCE	N FENCE LN.	15.0	519	S	56'SNCSIDE#10	8'EEC	4.8	910	D	26'WELL	10'SNC	7.5
202	D	134'EW FENCE	164'NS FENCE	12.7	520	D	77'WW SIDE	22'NS SIDE	4.0	911	D	11'SNC	3'EWLL	8.7
203	D	8'E/FH	12'SNC	9.1	522	S	~	~	~	912	D	10'SNC	2'EWLL	10.0
204	D	215'EWC	12'SNC	8.8	523	S	~	~	~	913	D	6'SNLL	3'EWLL	6.7
205	D	9'NNSIDE NO.4	11'SNC	9.5	524	S	~	~	~	914	S	2'WWLL	6'SNC	9.3
206	D	~	~	~	525	S	~	~	~	915	S	3'EWLL	3'SNLL	11.5
207	D	9'SNC	~	~	526	S	~	~	~	916	S	3'SNLL	2'WELL	5.0
208	D	334'WWC	53'S/FENCE	12.8	527	S	~	~	~	919	D	57'WELL	18'S/BLDG	4.3
209	S	111'N/MH	46'SSC	5.0	528	S	~	~	~	920	S	2'EWLL	9'NSC	9.5
210	S	81'N/MH	2'EEC	~	529	S	~	~	~	921	D	9'SLL	57'WELL	4.0
211	S	34'NNSIDE#12	6'EEC	7.7	530	S	~	~	~	922	D	~	~	~
212	D	10'EWC	26'SCC	15.3	533	S	~	~	~	923	S	~	~	~
213	D	9'SNC	10'EWC	6.0	534	S	~	~	~					
214	S	29'SNLL	3'EWPL	~	535	S	~	~	~					
215	S	3'EWLL	13'NSLL	6.1	601	D	16'EWC	1'SNC	4.3					
216	D	10'SNC	10'EWC	7.4	602	D	16'EWC	4'SSC	5.6					
217	S	2'EWLL	1'SNLL	7.1	603	D	16'EWC	57'SSC	5.0					
218	D	94'WWC	26'SSC	16.3	604	S	2'SNLL	4'WELL	4.5					
219	D	9'WEC	10'SNC	4.9	605	S	3'EWLL	2'SNLL	6.8					
220	S	13'SNLL	6'EWPL	~	606	S	6'NSC	3'EWLL	5.2					
221	S	16'SNLL	2'EWPL	1.0	607	S	3'SNLL	3'WELL	4.9					
222	S	2'EWLL	4'NSLL	6.1	608	S	3'EWLL	2'SNLL	8.0					
223	S	2'EWLL	3'NSLL	6.5	609	S	WLL	2'SSLL	ACCESS 2512					
224	S	8'SNLL	2'EWLL	~	610	D	3'EWLL	10'SNC	9.1					
225	D	10'WEC	11'SNC	5.0	611	D	9'SNC	3'EWLL	12.3					
226	D	104'EEC	26'SSC	15.5	612	D	2'EWLL	11'SNC	11.6					
227	D	170'EWLL	9'SNPL	17.1	613	D	28'WELL	11'SNC	10.7					
228	D	8'SNPL	300'WWLL	17.0	614	D	59'WELL	224'S/GATE	4.7					
229	D	6'SSC	300'WWC	3.3	615	D	128'N/SBLDG	57'WELL	4.7					
230	D	~	~	~	616	S	2'WELL	8'NSC	6.0					
231	D	~	~	~	617	S	2'EWLL	8'NSC	6.0					
232	D	~	~	~	618	S	~	~	~					
233	D	~	~	~	619	D	~	~	~					
234	D	~	~	~	620	D	61'WELL	7'SNC	4.6					
235	D	~	~	~	621	D	~	~	~					
301	S	31'WEC	130'NNC	11.2	622	D	57'WELL	61'S/GATE	2.1					
302	S	7'SNC	2'EWPL	5.6	623	D	~	~	~					
303	S	2'WELL	3'SNLL	5.6	624	D	~	~	~					
304	S	2'EWLL	2'SNLL	7.7	701	S	5'S POLE LN	4'EWLL	6.1					
306	D	3'WELL	10'SNC	8.9	702	S	12'SNLL	4'EWLL	5.5					
307	S	3'WELL	4'SNLL	8.4	703	D	9'WEC	8'SNC	3.7					
308	S	2'WELL	7'SNLL	6.7	704	D	43'EWPL	58'NSLL	3.1					
309	S	2'EWLL	2'SSLL	8.3	801	S	2'SNLL	1'EWLL	7.5					
310	D	2'SSLL	1'EWLL	7.2	802	S	7'EE SIDE	13'SS SIDE	3.0					
311	S	10'WELL	10'NSC	4.1	803	S	9'EWLL	3'SNLL	5.0					
312	D	ELL	10'NSC	2.0	804	D	60'WESIDE	70'SSSIDE	4.7					
313	S	11'NSC	2'EWLL	5.0	805	D	28'SSSIDE	38'WWSIDE#10	5.9					
314	S	8'SNLL	4'EWPL	~	807	D	~	~	~					
315	D	17'NSLL	16'WEC	16.1	808	D	10'NSC	9'EWC	7.3					
316	D	10'SSLL	15'WEC	9.3	809	S	17'NSLL	59'EWLL	5.0					
317	D	10'SNC	17'EWC	8.6	811	D	266'W/MH	24'N/SFENCE	5.9					
318	S	3'EWLL	3'SNLL	6.1	812	D	24'W/POLE LN	23'N/FENCE	~					
319	D	25'NSLL	17'EWC	5.6	813	D	16'WELL	64'S/SFENCE	10.0					
320	S	34'NNC	33'WEC	10.6	814	D	2'WELL	11'SNC	8.6					
322	D	6'SSC	134'WWC	2.8	815	S	2'SNLL	59'EWLL	14.4					
323	D	92'WELL	96'SSC	2.3	816	S	4'EELL	123'NNC	5.0					
325	D	100'WWLL	8'SNPL	17.0	817	S	2'EWLL	2'SNLL	12.7					
326	D	~	~	~	818	S	188'W/MH	2'S POLE	10.3					
327	D	~	~	~	819	S	50'EWLL	4'SNLL	5.9					
328	D	~	~	~	820	S	2'EWLL	3'SNLL	10.0					
501	S	8'EEC	125'NSSIDE	5.6	821	S	2'EWLL	2'SNLL	10.9					
502	S	19'EWSIDE	26'NNSIDE	4.9	823	D	43'EWPL	160'NSLL	3.6					
503	S	~	~	~	825	S	~	~	~					
504	S	10'WWC	14'SSSIDE	4.8	826	S	~	~	~					
505	S	76'NSSIDE#12	9'EEC	5.7	828	D	~	~	~					
506	D	49'SNSIDE	40'WWSIDE	6.7	831	S	4'EWLL	7'NSC	6.0					



- T-MAINS MAP
- WATER PRESSURE
- WATER AERIAL VIEW
- Water Book
- Sewer Book Aerial
- Fiber Book

ONLINE LINKS

Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth
101	S	2'WELL	2'SSLL	4.0	625	S	~	~	~
201	S	143'WELL	4'S POLE LN	5.0	701	D	4'WELL	9'NSC	4.3
202	S	8'SNLL	3'E POLE LN	7.0	702	S	1'EWLL	8'SNC	4.0
203	S	2'EWLL	102'SSC	8.0	901	D	21'NSLL	9'EWC	7.1
204	S	4'EWLL	6'SNLL	8.7	902	S	4'ECL	284'S OF MH	5.8
205	S	31'EWLL	2'S POLE	8.5	903	S	80'S OF MH	3'WEC	~
206	S	2'EWLL	2'SNLL	8.8	904	S	3'WEC	10'NSC	5.6
207	D	11'EWLL	5'NSC	6.3	905	S	86'N OF MH	3'WEC	~
208	D	10'SNC	11'EWC	6.9	906	D	11'SNC	19'WEC	6.2
209	D	28'EWLL	9'SNC	6.3	907	D	25'SNLL	18'WEC	5.1
210	S	27'WELL	2'SNLL	7.8	908	S	4'ECL	6'SCL	~
211	S	4'WELL	1'NSLL	8.0	909	D	51'EEPL	10'SNC	4.1
212	S	26'SNLL	2'EWLL	7.5	910	D	8'EWC	9'SNC	4.7
213	S	3'EWLL	3'SSPL	5.5	911	D	63'NNC	9'EWC	4.0
214	S	2'SSLL	1'WELL	6.3	912	S	78'S/MH	6'ECL	~
215	D	19'SNC	11'WEC	3.3	913	S	6'ECL	6'SCL	~
216	S	3'EWLL	6'SNLL	5.0	914	S	91'N OF MH	6'ECL	~
217	S	38'NSLL	2'EWLL	5.3	915	S	4'ECL	6'SCL	~
218	S	ON ELL	7'NSC	6.0	916	D	9'EWC	9'SNC	6.4
219	S	ON ELL	13'NSC	7.9	917	D	46'NSLL	9'EWC	6.0
220	S	3'SNLL	8'WEC	7.8	918	S	83'S OF MH	6'ECL	~
221	D	~	~	~	919	S	132'N/MH	6'ECL	~
222	D	~	~	~	920	S	6'ECL	6'SCL	~
223	D	~	~	~	921	S	215'N/MH	4'ECL	~
301	S	35'WWLL	4'S POLE LN	4.0	922	S	234'N OF MH	4'ECL	~
302	S	10'EWLL	4'S POLE LN	3.0					
303	S	SLL	2'WWLL	1.0					
304	D	~	~	~					
305	S	12'NSC	EC	5.0					
306	S	80' S OF MH	4'WEC	~					
307	D	16'WEC	11'NSC	4.8					
308	D	9'NNC	19'EWC	3.9					
309	D	18'EWC	28'SSC	4.4					
310	D	18'WWLL	9'SNC	5.9					
311	S	2'EWLL	3'SNLL	9.0					
312	S	1'EWLL	2'SNLL	5.0					
313	D	5'WELL	6'SSC	7.7					
314	S	44'NNC	3'WELL	~					
315	S	130'S/MH	6'ECL	~					
316	S	6'SCL	6'ECL	~					
317	D	4'WELL	14'SNC	4.8					
318	S	223'N/MH	4'ECL	~					
319	S	81'S/MH	6'ECL	~					
320	S	6'SCL	6'ECL	~					
321	D	12'WELL	14'SNC	4.0					
323	D	4'WELL	12'SNC	5.1					
324	S	2'SNPL	24'EWLL	8.0					
325	S	3'S POLE LN	3'WEPL	5.1					
326	S	3'S POLE LN	2'EWLL	~					
327	S	5'EWLL	8'NSC	7.5					
328	D	~	~	~					
329	D	~	~	~					
401	D	~	~	~					
601	S	67'N/MH	3'WEC	~					
602	S	28'WWC	2'NNLL	~					
603	S	57'S/MH	4'WEC	~					
604	S	10'NSC	4'WEC	7.7					
605	D	11'SNC	19'WEC	5.5					
606	D	11'SNLL	18'WEC	4.4					
607	D	11'SNLL	19'WEC	4.1					
608	S	225'N/MH	4'ECL	~					
609	S	239'N/MH	4'ECL	~					
610	S	4'ECL	223'N/MH	~					
611	S	215'N/MH	4'ECL	~					
612	S	4'ECL	6'SCL	~					
613	S	6'ECL	6'SCL	~					
614	S	83'S/MH	6'ECL	~					
615	S	92'N/MH	6'ECL	~					
616	D	2'EWLL	9'SNC	3.6					
617	D	9'SNC	8'EWC	4.1					
618	S	4'ECL	6'SCL	~					
619	S	216'N/MH	4'ECL	~					
620	S	83'S/MH	6'ECL	~					
621	S	6'ECL	6'SCL	~					
622	S	88'N OF MH	6'ECL	~					
623	D	8'EWC	9'SNC	6.7					
624	D	51'NNLL	9'EWC	5.4					

EXHIBIT B

NONPROFESSIONAL SERVICES AGREEMENT

FEE SCHEDULE/MANNER OF PAYMENT

1. **CONTRACTOR's Compensation.** The total of all fees paid to the CONTRACTOR for the performance of all services set forth in Exhibit A, including normal revisions (hereafter the "Services"), and for all authorized Reimbursable Expenses, shall not exceed the total sum of \$ 89,683.00.
2. **Billable Rates.** CONTRACTOR shall be paid for the performance of Services on an hourly rate, daily rate, flat fee, lump sum or other basis, as set forth in Attachment 1 to Exhibit B, attached hereto and incorporated herein. *[Attach list of billable rates that apply, labeled "Attachment 1 to Exhibit B".]*
3. **CONTRACTOR's Reimbursable Expenses.** Reimbursable Expenses shall be limited to actual expenditures of CONTRACTOR for expenses that are necessary for the proper completion of the Services and shall only be payable if specifically authorized in advance by CITY.
4. **Payments to CONTRACTOR.**
 - A. Payments to CONTRACTOR shall be made within a reasonable time after receipt of CONTRACTOR's invoice, said payments to be made in proportion to services performed or as otherwise specified in Attachment 1 to Exhibit B. CONTRACTOR may request payment on a monthly basis. CONTRACTOR shall be responsible for the cost of supplying all documentation necessary to verify the monthly billings to the satisfaction of CITY.
 - B. All invoices submitted by CONTRACTOR shall contain the following information:
 - (1) Job Name
 - (2) Description of services billed under this invoice, and overall status of project
 - (3) Date of Invoice Issuance
 - (4) Sequential Invoice Number
 - (5) CITY's Purchase Order Number
 - (6) Total Contract Amount
 - (7) Amount of this Invoice (Itemize all Reimbursable Expenses)
 - (8) Total Billed to Date
 - (9) Total Remaining on Contract
 - (10) Updated project schedule. This shall identify those steps that shall be taken to bring the project back on schedule if it is behind schedule.
 - C. Items shall be separated into Services and Reimbursable Expenses. Billings that do not conform to the format outlined above shall be returned to CONTRACTOR for correction. CITY shall not be responsible for delays in payment to CONTRACTOR resulting from CONTRACTOR's failure to comply with the invoice format described below.

D. Requests for payment shall be sent to:

CITY OF SACRAMENTO
DEPARTMENT OF UTILITIES
1395 35th AVE, SACRAMENTO, CA 95822
916-808-1400/Fax:916-808-1497

Attn: RENEE GRAVES

5. **Additional Services.** Additional Services are those services related to the scope of services of CONTRACTOR set forth in Exhibit A but not anticipated at the time of execution of this Agreement. Additional Services shall be provided only when a Supplemental Agreement authorizing such Additional Services is approved by CITY in accordance with CITY's Supplemental Agreement procedures. CITY reserves the right to perform any Additional Services with its own staff or to retain other contractors to perform said Additional Services.
6. **Accounting Records of CONTRACTOR.** During performance of this Agreement and for a period of three (3) years after completing all Services and Additional Services hereunder, CONTRACTOR shall maintain all accounting and financial records related to this Agreement, including, but not limited to, records of CONTRACTOR's costs for all Services and Additional Services performed under this Agreement and records of CONTRACTOR's Reimbursable Expenses, 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.
7. **Taxes.** CONTRACTOR shall pay, when and as due, any and all taxes incurred as a result of CONTRACTOR's compensation hereunder, including estimated taxes, and shall provide CITY with proof of such payment upon request. CONTRACTOR hereby agrees to indemnify CITY for any claims, losses, costs, fees, liabilities, damages or injuries suffered by CITY arising out of CONTRACTOR's breach of this Section 7.

**ATTACHEMENT 1 TO EXHIBIT B
NONPROFESIONAL SERVICES AGREEMENT
FEE SCHEDULE/MANNER OF PAYMENT**

The work herein described is to be performed in strict conformity with the Scope of Services, at the unit prices listed below. Unit price shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in applying the herbicide Razorooter II to sewer pipes.

Item No.	Description	Estimated Quantity	Unit	Unit Price	Total
1	4-inch Pipe	200	LF	\$ 1.03	\$ 206.00
2	6-inch Pipe	76,770	LF	\$ 1.03	\$ 79,073.10
3	8-inch Pipe	10,100	LF	\$ 1.03	\$ 10,403.00

Total Contract Amount: \$ 89,682.10

EXHIBIT C

NONPROFESSIONAL SERVICES AGREEMENT

FACILITIES AND EQUIPMENT TO BE PROVIDED BY CITY

CITY shall [check one] Not furnish any facilities or equipment for this Agreement; or
 furnish the following facilities or equipment for the Agreement [*list, if applicable*]:

**EXHIBIT D
NONPROFESSIONAL SERVICES AGREEMENT**

GENERAL PROVISIONS

1. Independent Contractor.

- A. It is understood and agreed that CONTRACTOR (including CONTRACTOR's employees) is an independent contractor and that no relationship of employer-employee exists between the parties hereto for any purpose whatsoever. Neither CONTRACTOR nor CONTRACTOR's assigned personnel shall be entitled to any benefits payable to employees of CITY. CITY is not required to make any deductions or withholdings from the compensation payable to CONTRACTOR under the provisions of this Agreement, and CONTRACTOR shall be issued a Form 1099 for its services hereunder. As an independent contractor, CONTRACTOR hereby agrees to indemnify and hold CITY harmless from any and all claims that may be made against CITY based upon any contention by any of CONTRACTOR's employees or by any third party, including but not limited to any state or federal agency, that an employer-employee relationship or a substitute therefor exists for any purpose whatsoever by reason of this Agreement or by reason of the nature and/or performance of any Services under this Agreement. (As used in this Exhibit D, the term "Services" shall include both Services and Additional Services as such terms are defined elsewhere in this Agreement.)
- B. It is further understood and agreed by the parties hereto that CONTRACTOR, in the performance of its obligations hereunder, is subject to the control and direction of CITY as to the designation of tasks to be performed and the results to be accomplished under this Agreement, but not as to the means, methods, or sequence used by CONTRACTOR for accomplishing such results. To the extent that CONTRACTOR obtains permission to, and does, use CITY facilities, space, equipment or support services in the performance of this Agreement, this use shall be at the CONTRACTOR's sole discretion based on the CONTRACTOR's determination that such use will promote CONTRACTOR's efficiency and effectiveness. Except as may be specifically provided elsewhere in this Agreement, the CITY does not require that CONTRACTOR use CITY facilities, equipment or support services or work in CITY locations in the performance of this Agreement.
- C. If, in the performance of this Agreement, any third persons are employed by CONTRACTOR, such persons shall be entirely and exclusively under the direction, supervision, and control of CONTRACTOR. Except as may be specifically provided elsewhere in this Agreement, all terms of employment, including hours, wages, working conditions, discipline, hiring, and discharging, or any other terms of employment or requirements of law, shall be determined by CONTRACTOR. It is further understood and agreed that CONTRACTOR shall issue W-2 or 1099 Forms for income and employment tax purposes, for all of CONTRACTOR's assigned personnel and subcontractors.
- D. The provisions of this Section 1 shall survive any expiration or termination of this Agreement. Nothing in this Agreement shall be construed to create an exclusive relationship between CITY and CONTRACTOR. CONTRACTOR may represent, perform services for, or be employed by such additional persons or companies as CONTRACTOR sees fit provided that CONTRACTOR does not violate the provisions of Section 5, below.

2. **Licenses; Permits, Etc.** CONTRACTOR represents and warrants that CONTRACTOR has all licenses, permits, City Business Operations Tax Certificate, qualifications, and approvals of whatsoever nature that are legally required for CONTRACTOR to practice its profession or provide any services under the Agreement. CONTRACTOR represents and warrants that CONTRACTOR shall, at its sole cost and expense, keep in effect or obtain at all times during the term of this Agreement any licenses, permits, and approvals that are legally required for CONTRACTOR to practice its profession or provide such Services. Without limiting the generality of the foregoing, if CONTRACTOR is an out-of-state corporation, CONTRACTOR warrants and represents that it possesses a valid certificate of qualification to transact business in the State of California issued by the California Secretary of State pursuant to Section 2105 of the California Corporations Code.
3. **Time.** CONTRACTOR shall devote such time and effort to the performance of Services pursuant to this Agreement as is necessary for the satisfactory and timely performance of CONTRACTOR's obligations under this Agreement. Neither party shall be considered in default of this Agreement, to the extent that party's performance is prevented or delayed by any cause, present or future, that is beyond the reasonable control of that party.
4. **CONTRACTOR Not Agent.** Except as CITY may specify in writing, CONTRACTOR and CONTRACTOR's personnel shall have no authority, express or implied, to act on behalf of CITY in any capacity whatsoever as an agent. CONTRACTOR and CONTRACTOR's personnel shall have no authority, express or implied, to bind CITY to any obligations whatsoever.
5. **Conflicts of Interest.** CONTRACTOR covenants that neither it, nor any officer or principal of its firm, has or shall acquire any interest, directly or indirectly, that would conflict in any manner with the interests of CITY or that would in any way hinder CONTRACTOR's performance of Services under this Agreement. CONTRACTOR further covenants that in the performance of this Agreement, no person having any such interest shall be employed by it as an officer, employee, agent or subcontractor, without the written consent of CITY. CONTRACTOR agrees to avoid conflicts of interest or the appearance of any conflicts of interest with the interests of CITY at all times during the performance of this Agreement. If CONTRACTOR is or employs a former officer or employee of the CITY, CONTRACTOR and any such employee(s) shall comply with the provisions of Sacramento City Code Section 2.16.090 pertaining to appearances before the City Council or any CITY department, board, commission or committee.
6. **Confidentiality of CITY Information.** During performance of this Agreement, CONTRACTOR may gain access to and use CITY information regarding inventions, machinery, products, prices, apparatus, costs, discounts, future plans, business affairs, governmental affairs, processes, trade secrets, technical matters, systems, facilities, customer lists, product design, copyright, data, and other vital information (hereafter collectively referred to as "City Information") that are valuable, special and unique assets of the CITY. CONTRACTOR agrees to protect all City Information and treat it as strictly confidential, and further agrees that CONTRACTOR shall not at any time, either directly or indirectly, divulge, disclose or communicate in any manner any City Information to any third party without the prior written consent of CITY. In addition, CONTRACTOR shall comply with all CITY policies governing the use of the CITY network and technology systems, as set forth in applicable provisions of the City of Sacramento Administrative Policy Instructions # 30. A violation by CONTRACTOR of this Section 6 shall be a material violation of this Agreement and shall justify legal and/or equitable relief.

7. CONTRACTOR Information.

- A. CITY shall have full ownership and control, including ownership of any copyrights, of all information prepared, produced, or provided by CONTRACTOR pursuant to this Agreement. In this Agreement, the term “information” shall be construed to mean and include: any and all work product, submittals, reports, plans, specifications, and other deliverables consisting of documents, writings, handwritings, typewriting, printing, photostatting, photographing, computer models, and any other computerized data and every other means of recording any form of information, communications, or representation, including letters, works, pictures, drawings, sounds, or symbols, or any combination thereof. CONTRACTOR shall not be responsible for any unauthorized modification or use of such information for other than its intended purpose by CITY.
- B. CONTRACTOR shall fully defend, indemnify and hold harmless CITY, its officers and employees, and each and every one of them, from and against any and all claims, actions, lawsuits or other proceedings alleging that all or any part of the information prepared, produced, or provided by CONTRACTOR pursuant to this Agreement infringes upon any third party’s trademark, trade name, copyright, patent or other intellectual property rights. CITY shall make reasonable efforts to notify CONTRACTOR not later than ten (10) days after CITY is served with any such claim, action, lawsuit or other proceeding, provided that CITY’s failure to provide such notice within such time period shall not relieve CONTRACTOR of its obligations hereunder, which shall survive any termination or expiration of this Agreement.
- C. All proprietary and other information received from CONTRACTOR by CITY, whether received in connection with CONTRACTOR’s proposal to CITY or in connection with any Services performed by CONTRACTOR, will be disclosed upon receipt of a request for disclosure, pursuant to the California Public Records Act; provided, however, that, if any information is set apart and clearly marked “trade secret” when it is provided to CITY, CITY shall give notice to CONTRACTOR of any request for the disclosure of such information. The CONTRACTOR shall then have five (5) days from the date it receives such notice to enter into an agreement with the CITY, satisfactory to the City Attorney, providing for the defense of, and complete indemnification and reimbursement for all costs (including plaintiff’s attorney fees) incurred by CITY in any legal action to compel the disclosure of such information under the California Public Records Act. The CONTRACTOR shall have sole responsibility for defense of the actual “trade secret” designation of such information.
- D. The parties understand and agree that any failure by CONTRACTOR to respond to the notice provided by CITY and/or to enter into an agreement with CITY, in accordance with the provisions of subsection C, above, shall constitute a complete waiver by CONTRACTOR of any rights regarding the information designated “trade secret” by CONTRACTOR, and such information shall be disclosed by CITY pursuant to applicable procedures required by the Public Records Act.

8. Standard of Performance. CONTRACTOR shall perform all Services required pursuant to this Agreement in the manner and according to the standards currently observed by a competent practitioner of CONTRACTOR’s profession in California. All products of whatsoever nature that CONTRACTOR delivers

to CITY pursuant to this Agreement shall be prepared in a professional manner and conform to the standards of quality normally observed by a person currently practicing in CONTRACTOR's profession, and shall be provided in accordance with any schedule of performance specified in Exhibit A. CONTRACTOR shall assign only competent personnel to perform Services pursuant to this Agreement. CONTRACTOR shall notify CITY in writing of any changes in CONTRACTOR's staff assigned to perform the Services required under this Agreement, prior to any such performance. In the event that CITY, at any time during the term of this Agreement, desires the removal of any person assigned by CONTRACTOR to perform Services pursuant to this Agreement, because CITY, in its sole discretion, determines that such person is not performing in accordance with the standards required herein, CONTRACTOR shall remove such person immediately upon receiving notice from CITY of the desire of CITY for the removal of such person.

9. Term; Suspension; Termination.

- A. This Agreement shall become effective on the date that it is approved by both parties, set forth on the first page of the Agreement, and shall continue in effect until both parties have fully performed their respective obligations under this Agreement, unless sooner terminated as provided herein.
- B. CITY shall have the right at any time to temporarily suspend CONTRACTOR's performance hereunder, in whole or in part, by giving a written notice of suspension to CONTRACTOR. If CITY gives such notice of suspension, CONTRACTOR shall immediately suspend its activities under this Agreement, as specified in such notice.
- C. CITY shall have the right to terminate this Agreement at any time by giving a written notice of termination to CONTRACTOR. If CITY gives such notice of termination, CONTRACTOR shall immediately cease rendering Services pursuant to this Agreement. If CITY terminates this Agreement:
 - (1) CONTRACTOR shall, not later than five days after such notice of termination, deliver to CITY copies of all information prepared pursuant to this Agreement.
 - (2) CITY shall pay CONTRACTOR the reasonable value of Services rendered by CONTRACTOR prior to termination; provided, however, CITY shall not in any manner be liable for lost profits that might have been made by CONTRACTOR had the Agreement not been terminated or had CONTRACTOR completed the Services required by this Agreement. In this regard, CONTRACTOR shall furnish to CITY such financial information as in the judgment of the CITY is necessary for CITY to determine the reasonable value of the Services render by CONTRACTOR. The foregoing is cumulative and does not affect any right or remedy that CITY may have in law or equity.

10. Indemnity.

- A. Indemnity: CONTRACTOR shall defend, hold harmless and indemnify CITY, its officers and employees, 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, 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 this Agreement by 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 any damage or expense for death or bodily injury to persons or damage to property to the extent arising from the sole negligence or willful misconduct of CITY, its agents, servants, or independent contractors who are directly responsible to CITY, except when such agents, servants, or independent contractors are under the direct supervision and control of CONTRACTOR.

- B. Insurance Policies; Intellectual Property Claims: 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 10, nor shall the limits of such insurance limit the liability of CONTRACTOR hereunder. This Section 10 shall not apply to any intellectual property claims, actions, lawsuits or other proceedings subject to the provisions of Section 7.B., above. The provisions of this Section 10 shall survive any expiration or termination of this Agreement.

11. Insurance Requirements. During the entire term of this Agreement, CONTRACTOR shall maintain the insurance coverage described in this Section 11.

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 the Services provided by CONTRACTOR under this Agreement. 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 or carried by the CONTRACTOR in connection with this Agreement.

A. Minimum Scope & 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.

No automobile liability insurance shall be required if CONTRACTOR completes the following certification:

"I certify that a motor vehicle will not be used in the performance of any work or services under this agreement." _____ (CONTRACTOR initials)

- (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 for contracts involving construction or maintenance, or if required by the CITY by selecting the option below:

_____ Workers' Compensation waiver of subrogation in favor of the City is required for all work performed by the CONTRACTOR.

No Workers' Compensation insurance shall be required if CONTRACTOR completes the following certification:

"I certify that my business has no employees, and that I do not employ anyone. I am exempt from the legal requirements to provide Workers' Compensation insurance." _____ (CONTRACTOR initials)

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 for contracts involving construction or maintenance, or if required by the CITY by selecting the option below:

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 11 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 named in Exhibit A. 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 this Agreement 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 Agreement 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.

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

- A. Compliance With Regulations: CONTRACTOR shall comply with the Executive Order 11246 entitled "Equal Opportunity in Federal Employment", as amended by Executive Order 11375 and 12086, and as supplemented in Department of Labor regulations (41 CFR Chapter 60), hereinafter collectively referred to as the "Regulations".
- B. Nondiscrimination: CONTRACTOR, with regards to the work performed by it after award and prior to completion of the work pursuant to this Agreement, shall not discriminate on the ground of race, color, religion, sex, national origin, age, marital status, physical handicap or sexual orientation in selection and retention of subcontractors, including procurement of materials and leases of equipment. CONTRACTOR shall not participate either directly or indirectly in discrimination prohibited by the Regulations.
- C. Solicitations for Subcontractors, Including Procurement of Materials and Equipment: In all solicitations either by competitive bidding or negotiations made by CONTRACTOR for work to be performed under any subcontract, including all procurement of materials or equipment, each potential subcontractor or supplier shall be notified by CONTRACTOR of CONTRACTOR's obligation under this Agreement and the Regulations relative to nondiscrimination on the ground of race, color, religion, sex, national origin, age, marital status, physical handicap or sexual orientation.
- D. Information and Reports: CONTRACTOR shall provide all information and reports required by the Regulations, or by any orders or instructions issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information and its facilities as may be determined by the CITY to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of CONTRACTOR is in the exclusive possession of another who fails or refuses to furnish this information, CONTRACTOR shall so certify to the CITY, and shall set forth what efforts it has made to obtain the information.
- E. Sanctions for Noncompliance: In the event of noncompliance by CONTRACTOR with the nondiscrimination provisions of this Agreement, the CITY shall impose such sanctions as it may determine to be appropriate including, but not limited to:
- (1) Withholding of payments to CONTRACTOR under this Agreement until CONTRACTOR complies;
 - (2) Cancellation, termination, or suspension of the Agreement, in whole or in part.
- F. Incorporation of Provisions: CONTRACTOR shall include the provisions of subsections A through E, above, in every subcontract, including procurement of materials and leases of equipment, unless exempted by the Regulations, or by any order or instructions issued pursuant thereto. CONTRACTOR shall take such action with respect to any subcontract or procurement as the CITY may direct as a means of enforcing such provisions including sanctions for noncompliance; provided, however, that in the event CONTRACTOR becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, CONTRACTOR may request CITY to enter such litigation to protect the interests of CITY.

13. **Entire Agreement.** This document, including all Exhibits, contains the entire agreement between the parties and supersedes whatever oral or written understanding they may have had prior to the execution of this Agreement. No alteration to the terms of this Agreement shall be valid unless approved in writing by CONTRACTOR, and by CITY, in accordance with applicable provisions of the Sacramento City Code.
14. **Severability.** If any portion of this Agreement or the application thereof to any person or circumstance shall be held invalid or unenforceable, the remainder of this Agreement shall not be affected thereby and shall be enforced to the greatest extent permitted by law.
15. **Waiver.** Neither CITY acceptance of, or payment for, any Service or Additional Service performed by CONTRACTOR, nor any waiver by either party of any default, breach or condition precedent, shall be construed as a waiver of any provision of this Agreement, nor as a waiver of any other default, breach or condition precedent or any other right hereunder.
16. **Enforcement of Agreement.** This Agreement shall be governed, construed and enforced in accordance with the laws of the State of California. Venue of any litigation arising out of or connected with this Agreement shall lie exclusively in the state trial court or Federal District Court located in Sacramento County in the State of California, and the parties consent to jurisdiction over their persons and over the subject matter of any such litigation in such courts, and consent to service of process issued by such courts.
17. **Assignment Prohibited.** The expertise and experience of CONTRACTOR are material considerations for this Agreement. CITY has a strong interest in the qualifications and capability of the persons and entities that will fulfill the obligations imposed on CONTRACTOR under this Agreement. In recognition of this interest, CONTRACTOR shall not assign any right or obligation pursuant to this Agreement without the written consent of the CITY. Any attempted or purported assignment without CITY's written consent shall be void and of no effect.
18. **Binding Effect.** This Agreement shall be binding on the heirs, executors, administrators, successors and assigns of the parties, subject to the provisions of Section 17, above.
19. **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 Contract or 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 Contract or Agreement.

EXHIBIT E

LIVING WAGE REQUIREMENTS (Nonprofessional Service Agreement)

The Living Wage Ordinance

The City of Sacramento's Living Wage Ordinance (the "LWO") is codified as Chapter 3.58 of the Sacramento City Code. The LWO requires certain firms that enter into agreements or contracts (all subsequent references to a "contract" or "contracts" will refer to both contracts and agreements) to provide certain services to or for the CITY, to pay a specified minimum level of compensation to their employees for time spent performing any work on the CITY contract. The LWO also applies to certain subcontractors.

The LWO applies to contracts entered into, amended, or renewed or extended at the CITY's discretion, on or after March 1, 2004 (the "LWO Effective Date").

Contracts and Contractors Covered by the LWO

Determining whether the LWO applies to a specific CITY contract, contractor or subcontractor, depends on whether the contract, contractor and/or subcontractor meet the criteria specified in the LWO for contract type, contract amount, contractor size (# of employees), subcontract amount and subcontractor size (# of employees). These criteria are summarized below.

Contract Type

The LWO applies only to contracts for Nonprofessional Services. Under the LWO, this includes contracts for any services of a nonprofessional character, including but not limited to tree trimming services, repair services for motor vehicles and office equipment, vehicle towing, and security services.

The LWO does not apply to: (1) Incidental services, such as delivery, installation or maintenance, that are provided under contracts for the purchase or lease of equipment, supplies, or other personal property; (2) contracts that are subject to CITY, state, or federal prevailing-wage requirements; (3) contracts for professional services (including but not limited to services rendered by engineers, architects, auditors, banks, consultants, actuaries and attorneys); and (4) contracts with nonprofit corporations that are organized under section 501 of the Internal Revenue Code and have fewer than 100 employees, whether full or part time.

Contract Amount

The LWO applies to contracts entered into or amended after the LWO Effective Date that provide compensation from the CITY of \$100,000 or more. In addition, the LWO applies to a contract entered into or amended after the LWO Effective Date that, by itself, does not reach this amount, if the aggregate value of that contract and of any other Nonprofessional Services contracts covered by the LWO that the CITY has awarded to the same person or firm within the previous 12 months, is \$100,000 or more. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE WHETHER THIS AGGREGATE VALUE IS \$100,000 OR MORE, AND TO NOTIFY THE CITY IN WRITING WHENEVER THIS IS THE CASE.

Contractor Size

The LWO only applies to a contractor that has at least 25 employees, working either full or part time. The number of employees that a contractor has is determined by adding the contractor's employees and the employees of any other person or entity deemed to be a "Related Person" under the LWO.^a

Subcontract Amount

The LWO applies to a subcontractor providing services under a covered contract if the amount of the subcontract is at least 25 % of the contract amount, without regard to the number of employees the subcontractor has.

Subcontractor Size

The LWO also applies to a subcontractor providing services under a covered contract if the subcontractor has at least 25 employees, working either full or part time, whether or not the amount of the subcontract is at least 25 % of the contract amount.

Payment of Living Wage to Covered Employees

If a contractor or subcontractor meets the criteria specified in the LWO for contract type, contract amount, contractor size, subcontract amount and/or subcontractor size, the contractor or subcontractor is deemed to be a "Covered Employer" under the LWO. The LWO requires a Covered Employer to provide specified minimum compensation to its employees who perform work directly related to the CITY contract (these employees are called "Covered Employees" under the LWO), for all hours the Covered Employees perform under the CITY contract.^b

^a The LWO provides that a person or entity is a Related Person when any of the following circumstances exists:

- (1) The person or entity and the contractor are both corporations, and (i) share a majority of members of their governing boards, or (ii) have two or more officers in common, or (iii) are controlled by the same majority shareholder or shareholders (control means more than 50% of the corporation's voting power), or (iv) are in a parent-subsidary relationship (such a relationship exists when one corporation directly or indirectly owns shares possessing more than 50% of another corporation's voting power); or
- (2) The person or entity otherwise controls and directs, or is controlled and directed by, the contractor, as determined by the City Manager.

^b A Covered Employee includes full-time, part-time, contingent, contract and temporary employees, but does not include: (1) individuals who participate in job-training-and-education programs that have, as their express purpose, the provision of basic job skills and education to participants, with the goal of earning a high-school-equivalency diploma and permanent employment; (2) student interns; (3) individuals participating in specialized-training programs; and (4) an employee whose term and conditions of employment are governed by a bona fide collective-bargaining agreement containing an express waiver of the LWO.

The minimum compensation required is as follows:

- (1) If health benefits are provided to Covered Employees and the Covered Employer's contribution for the benefits is at least \$1.50 for each hour, then the rates are as follows:
 - (a) During 2007, the greater of \$10.00 an hour or \$9.00 adjusted by the increase in the Consumer Price Index for All Urban Consumers, San Francisco/Oakland/San Jose area (1982--1984=100) from January 1, 2004, through December 31, 2006.
 - (b) For each year after 2007, the rate shall be based on the rate from the immediately preceding year adjusted by the increase in the Consumer Price Index for All Urban Consumers, San Francisco/Oakland/San Jose area (1982--1984=100) from January 1 through December 31 of the immediately preceding year.

- (2) If health benefits are not provided to Covered Employees or if health benefits are provided but the Covered Employer's contribution for the benefits is less than \$1.50 for each hour, then the rates are as follows:
 - (a) During 2007, the greater of \$11.50 an hour or \$10.50 adjusted by the increase in the Consumer Price Index for All Urban Consumers, San Francisco/Oakland/San Jose area (1982--1984=100) from January 1, 2004, through December 31, 2006.
 - (b) For each year after 2007, the rate shall be based on the rate from the immediately preceding year adjusted by the increase in the Consumer Price Index for All Urban Consumers, San Francisco/Oakland/San Jose area (1982--1984=100) from January 1 through December 31 of the immediately preceding year.

Notification to Covered Employees

The LWO requires a Covered Employer to give each existing employee and (at the time of hire) each new employee a copy of the following written notification:

This company may enter into a contract to perform services for the City of Sacramento. If you work on such a contract, then you are entitled to be paid a living wage for each hour so worked. For more information, see Chapter 3.58 of the Sacramento City Code, which can be viewed at www.cityofsacramento.org.

The LWO requires the above notification to be provided in each language spoken by 10% or more of the Covered Employer's workforce.

The LWO also requires a Covered Employer to inform all employees of their possible right to the federal Earned Income Credit (EIC), and to make available to those employees any forms required to secure advance EIC payments from the Covered Employer.

Subcontractor Compliance

A contractor is responsible for requiring all of its subcontractors who are covered by these requirements to comply with the provisions of the LWO, by including these requirements in all subcontracts covered by the LWO.

Other Provisions of the LWO

Use of Funds Paid Under CITY Contracts

Under the LWO, Covered Employers may not directly use CITY funds to persuade Covered Employees to support or oppose unionization, and Covered Employers may not directly use CITY funds to schedule or hold meetings related to union representation during the Covered Employees' working hours. These restrictions do not apply to expenditures made during good-faith collective bargaining or to expenditures required under bona fide collective-bargaining agreements.

No Reduction in Non-Wage Benefits

Under the LWO, Covered Employers may not fund any wage increases required by the LWO, nor shall Covered Employers otherwise respond to the enactment of the LWO, by reducing the health, insurance, pension, vacation, or other non-wage benefits of any of their employees.

No Retaliation

The LWO prohibits a Covered Employer from taking any adverse action against a Covered Employee because the Covered Employee does any of the following: (1) exercises or asserts his or her rights under the LWO; (2) informs or assists other Covered Employees concerning their rights and the Covered Employer's obligations under the LWO; (3) complains about the Covered Employer's failure to comply with the LWO; or (4) seeks to enforce the LWO.

No Reduction in Collective-Bargaining Wage Rates

The LWO does not require or authorize any Covered Employer to reduce wages set by a collective-bargaining agreement or required under any prevailing-wage law.

Violations and Monitoring

The LWO provides that any violation of the LWO by a CITY contractor constitutes a material breach of the contract, and authorizes the CITY to terminate the contract and pursue all available legal and equitable remedies. In order to monitor compliance, the LWO authorizes the CITY to require Covered Employers to verify their compliance with the LWO by submitting certified payroll records to the CITY, and to take such other steps as may be necessary for the CITY to determine whether the requirements of the LWO have been satisfied.

The LWO also includes provisions authorizing an employee or interested person to file a judicial action against a contractor or subcontractor for violation of the LWO.

Declaration of Compliance

To assure compliance with the LWO, any person or entity entering into a contract to provide Nonprofessional Services to or for the CITY, on or after March 1, 2004, is required to provide the CITY with a signed Declaration of Compliance in the form required by the CITY, prior to the CITY's execution of the contract. The Declaration of

Compliance shall be signed by a duly authorized representative of the person or entity entering into the contract, and, when accepted by the CITY, shall constitute part of the contract.

Additional Information

- For a complete description of the LWO's provisions, refer to the LWO codified at Sacramento City Code Chapter 3.58. The Sacramento City Code is available on the internet at www.cityofsacramento.org.
- For more information on the LWO requirements and the CITY's LWO program, contact Procurement Services at 916-808-6240.

EXHIBIT F

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, 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, 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 “A.”

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

Attachment A



YOUR RIGHTS UNDER THE CITY OF SACRAMENTO'S NON-DISCRIMINATION IN EMPLOYEE BENEFITS CODE

On (date), your employer (the "Employer") entered into a contract with the City of Sacramento (the "City") for ROOT CONTROL APPS. (contract details), and as a condition of that contract, agreed to abide by the requirements of the City's Non-Discrimination In Employee Benefits Code (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
Procurement Services Division
5730 24th Street, Bldg. 1

Sacramento, CA 95822

- 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

Attachment B



YOUR RIGHTS UNDER THE CITY OF SACRAMENTO'S NON-DISCRIMINATION IN EMPLOYEE BENEFITS CODE

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
Procurement Services Division
5730 24th Street, Bldg. 1
Sacramento, CA 95822
- 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.

PROJECT #: X14120100
PROJECT NAME: ROOT CONTROL APPLICATIONS PROGRAM
DEPARTMENT: UTILITIES
DIVISION: ENGINEERING SERVICES
CITY OF SACRAMENTO

NONPROFESSIONAL SERVICES AGREEMENT

THIS AGREEMENT is made at Sacramento, California, as of _____, by and between the **CITY OF SACRAMENTO**, a municipal corporation (“CITY”), and

ROOT TAMERS
7036 WESTSIDE ROAD #103
REDDING, CA 96001

(“CONTRACTOR”), who agree as follows:

1. **Contract.** The Contract shall consist of this Agreement and each of the following documents (if applicable), which are incorporated herein by reference:

- | | |
|--|-------------------------------------|
| Invitation to Bid | ✓ Workers’ Compensation Certificate |
| Instructions to Bidders | Contractor’s Bid Proposal Form |
| ✓ Certificate(s) of Insurance | ✓ ESBD Program Statement |
| ✓ Drug-Free Workplace Policy and Affidavit | Technical Specifications |
| ✓ Declaration of Compliance (Equal Benefits Ordinance) | |
| ✓ Declaration of Compliance (Living Wage Ordinance) | |

2. **Services.** Subject to the terms and conditions set forth in this Agreement, CONTRACTOR shall provide to CITY the services described in Exhibit A. CONTRACTOR shall provide said services at the time, place, and in the manner specified in Exhibit A. CONTRACTOR shall not be compensated for services outside the scope of Exhibit A unless prior to the commencement of such services: (a) CONTRACTOR notifies CITY and CITY agrees that such services are outside the scope of Exhibit A; (b) CONTRACTOR estimates the additional compensation required for these additional services; and (c) CITY, after notice, approves in writing a Supplemental Agreement specifying the additional services and amount of compensation therefor. CITY shall have no obligations whatsoever under this Agreement and/or any Supplemental Agreement, unless and until this Agreement or any Supplemental Agreement is approved by the Sacramento City Manager or the City Manager’s authorized designee, or by the Sacramento City Council, as required by the Sacramento City Code.
3. **Payment.** CITY shall pay CONTRACTOR for services rendered pursuant to this Agreement at the times and in the manner set forth in Exhibit B. The payments specified in Exhibit B shall be the only payments to be made to CONTRACTOR for the services rendered pursuant to this Agreement unless pursuant to Section 1, above, CITY approves additional compensation for additional services. CONTRACTOR shall submit all billings for said services to CITY in the manner specified in Exhibit B, or, if not specified in Exhibit B, according to the usual and customary procedures and practices that CONTRACTOR uses for billing clients similar to CITY.

4. **Facilities and Equipment.** Except as set forth in Exhibit C, CONTRACTOR shall, at its sole cost and expense, furnish all facilities and equipment that may be required for furnishing services pursuant to this Agreement. CITY shall furnish to CONTRACTOR only the facilities and equipment listed in Exhibit C according to any terms and conditions set forth in Exhibit C.
5. **General Provisions.** The General Provisions set forth in Exhibit D, that include indemnity and insurance requirements, are part of this Agreement. In the event of any conflict between the General Provisions and any terms or conditions of any document prepared or provided by CONTRACTOR and made a part of this Agreement, including without limitation any document relating to the scope of services or payment therefor, the General Provisions shall control over said terms or conditions.
6. **Living Wage Requirements.** This Agreement is subject to the provisions of Sacramento City Code Chapter 3.58, Living Wage. The requirements of Sacramento City Code Chapter 3.58 are summarized in Exhibit E. The CONTRACTOR is required to sign the attached Declaration of Compliance (Living Wage Ordinance) to assure compliance with these requirements.
7. **Non-Discrimination in Employee Benefits.** This Agreement is subject to the provisions of Sacramento City Code Chapter 3.54, Non-Discrimination in Employee Benefits by City Contractors. The requirements of Sacramento City Code Chapter 3.54 are summarized in Exhibit F. CONTRACTOR is required to sign the attached Declaration of Compliance (Equal Benefits Ordinance), to assure compliance with these requirements.
8. **Authority.** The person signing this Agreement for CONTRACTOR hereby represents and warrants that he/she is fully authorized to sign this Agreement on behalf of CONTRACTOR and to bind CONTRACTOR to the performance of its obligations hereunder.
9. **Exhibits.** All exhibits referred to herein are attached hereto and are by this reference incorporated as if set forth fully herein.

Executed as of the day and year first above stated.

CITY OF SACRAMENTO
A Municipal Corporation

By: _____

ATTEST:

Print name: DAVE L. BRENT

Title: DIRECTOR OF UTILITIES

City Clerk

For: John F. Shirey, City Manager

APPROVED TO AS FORM:

City Attorney

Attachments

- Exhibit A - Scope of Service
- Exhibit B - Fee Schedule/Manner of Payment
- Exhibit C - Facilities/Equipment Provided
- Exhibit D - General Provisions
- Exhibit E - Living Wage Requirements
- Exhibit F - Non-Discrimination in Employee Benefits

CONTRACTOR:

ROOT TAMERS

NAME OF FIRM

Federal I.D. No.

State I.D. No.

City of Sacramento Business Op. Tax Cert. No.

TYPE OF BUSINESS ENTITY (*check one*):

- Individual/Sole Proprietor
- Partnership
- Corporation (*may require 2 signatures*)
- Limited Liability Company
- Other (*please specify: _____*)

Signature of Authorized Person

Print Name and Title

Additional Signature (*if required*)

Print Name and Title

DECLARATION OF COMPLIANCE
Living Wage Ordinance

Name of Contractor: ROOT TAMERS

Address: 7036 WESTSIDE ROAD #103, REDDING, CA 96001

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

1. Contractor has read and understands the Living Wage Requirements (the "Requirements") attached hereto as Exhibit E.
2. As a condition of receiving this Contract, Contractor agrees to fully comply with the Requirements, as well as any additional requirements that may be specified in the City of Sacramento's Living Wage Ordinance codified at Chapter 3.58 of the Sacramento City Code (the "Ordinance"). If required by the Ordinance, Contractor will pay not less than the minimum compensation specified in the Ordinance to Contractor's employees, for all time spent performing any work under this Contract.
3. If the amount of this Contract is less than \$100,000, as a condition of receiving this Contract, Contractor will notify the City of Sacramento ("City") in writing if the aggregate value of this Contract and of any other Nonprofessional Services contract(s) covered by the Ordinance that the City has awarded to Contractor within the previous 12 months, is \$100,000 or more.
4. Contractor acknowledges and agrees that the Requirements, the Ordinance and this Declaration shall constitute part of this Contract, and that these provisions shall govern in the event of any conflict with any other provisions of the Contract.
5. Contractor further acknowledges and agrees that any violation of the Requirements or the Ordinance constitutes a material breach of this Contract, and that, if such a breach occurs, the City will be authorized to terminate the Contract, and pursue all available legal and equitable remedies.
6. If requested by the City, Contractor will promptly submit certified payroll records to the City, for itself and/or for Contractor's subcontractor(s), as requested by the City, and Contractor will take any other steps as may be required by the City to determine whether Contractor's subcontractor(s) or Contractor have complied with the Requirements and the Ordinance.
7. Contractor will require all of its subcontractors who are covered by these requirements to comply with the Requirements and any additional requirements that may be specified in the Ordinance, and Contractor will include these requirements in all subcontracts covered by the Ordinance.
8. Contractor agrees to 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 the Ordinance by Contractor or by any subcontractor retained to perform work or provide services under this Contract.

The undersigned declares under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that he or she is authorized to bind the Contractor to the provisions of this Declaration.

Signature of Authorized Representative

Date: _____

Print name: _____

Title: _____

DECLARATION OF COMPLIANCE
Equal Benefits Ordinance

Name of Contractor: ROOT TAMERS

Address: 7036 WESTSIDE ROAD #103, REDDING, CA 96001

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

1. Contractor has read and understands the Requirements of the Non-Discrimination In Employee Benefits Code (the "Requirements") attached hereto as Exhibit F.
2. As a condition of receiving this Contract, Contractor agrees to fully comply with the Requirements, as well as any additional requirements that may be specified in the City of Sacramento's Non-Discrimination In Employee Benefits Code codified at Chapter 3.54 of the Sacramento City Code (the "Ordinance").
3. Contractor understands, 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

Contractor agrees that if Contractor offers any of the above-listed employee benefits, Contractor 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. Contractor understands that Contractor will not be considered to be discriminating in the provision or application of employee benefits under the following conditions or circumstances:
 - a. If 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, Contractor will not be required to provide the benefit, nor shall it be deemed discriminatory, if Contractor requires the employee to pay the monetary difference in order to provide the benefit to the domestic partner or to the spouse.

- b. If Contractor is unable to provide a certain benefit, despite taking reasonable measures to do so, if Contractor provides the employee with a cash equivalent Contractor will not be deemed to be discriminating in the application of that benefit.
 - c. If Contractor provides employee benefits neither to employee's spouses nor to employee's domestic partners.
 - d. If Contractor provides employee benefits to employees on a basis unrelated to marital or domestic partner status.
 - e. If Contractor submits written evidence of making reasonable efforts to end discrimination in employee benefits by implementing policies that will be enacted before the first effective date after the first open enrollment process following the date this Contract is executed by the City of Sacramento ("City"). Contractor understands that any delay in the implementation of such policies may not exceed one (1) year from the date this Contract is executed by 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 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 this Contract is executed by the City.
 - g. Until the expiration of a current collective bargaining agreement(s) if employee benefits are governed by such collective bargaining agreement(s).
 - h. Contractor takes all reasonable measures to end discrimination in employee benefits by either requesting that the union(s) involved agree to reopen the agreement(s) in order for Contractor to take whatever steps are necessary to end discrimination in employee benefits or by ending discrimination in employee benefits without reopening the collective bargaining agreement(s).
 - i. In the event Contractor cannot end discrimination in employee benefits despite taking all reasonable measures to do so, Contractor provides a cash equivalent to eligible employees for whom employee benefits, are not available. Unless otherwise authorized in writing by the City Manager, Contractor understands this cash equivalent must begin at the time the union(s) refuse to allow the collective bargaining agreement(s) to be reopened or not longer than three (3) months after the date this Contract is executed by the City.
5. Contractor understands that failure to comply with the provisions of Section 4(a) through 4(i), above, 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; debarment for future contracts until all penalties and restitution have been paid in full and/or for up to two (2) years; and/or 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. Contractor understands and agrees to provide notice to each current employee and, within ten (10) days of hire, to each new employee, of their rights under the Ordinance. Contractor further agrees to maintain a copy of each such letter provided, in an appropriate file for inspection by authorized

representatives of the City. Contractor also agrees to prominently display a poster informing each employee of these rights.

7. Contractor understands that Contractor has the right to request a waiver of, or exemption from, the provisions of the Ordinance by submitting a written request to the City's Procurement Services Division prior to Contract award, which request shall identify the provision(s) of the Ordinance authorizing such waiver or exemption and the factual basis for such waiver or exemption. The City shall determine in its sole discretion whether to approve any such request.
8. Contractor agrees to 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 Contractor.

The undersigned declares under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that he or she is authorized to bind the Contractor to the provisions of this Declaration.

Signature of Authorized Representative

Date

Print Name

Title

EXHIBIT A

NONPROFESSIONAL SERVICES AGREEMENT

SCOPE OF SERVICES

1. Representatives.

The CITY Representative for this Agreement is:

SONIA LOPEZ, ASSOCIATE ENGINEER
1395 35th AVE,
SACRAMENTO, CA 95822
916-808-1456
FAX: 916-808-1497

All CONTRACTOR questions pertaining to this Agreement shall be referred to the CITY Representative or the Representative's designee.

The CONTRACTOR Representative for this Agreement is:

TODD GAYMAN, OWNER
7036 WESTSIDE ROAD #103
REDDING, CA 96001
530-244-5861
FAX: 530-244-5862

All CITY questions pertaining to this Agreement shall be referred to the CONTRACTOR Representative. All correspondence to CONTRACTOR shall be addressed to the address set forth on page one of this Agreement. Unless otherwise provided in this Agreement, all correspondence to the CITY shall be addressed to the CITY Representative.

- 2. Scope of Services.** *[Describe services to be provided here, or, if scope of services is described in an attachment, label the attachment "Attachment 1 to Exhibit A" and include the following sentence:]*

The services provided shall be as set forth in Attachment 1 to Exhibit A, attached hereto and incorporated herein.

- 3. Time of Performance.** The services described herein shall be provided during the period, or in accordance with the schedule, set forth in the scope of services.

August 1, 2013, through October 31, 2013

**ATTACHEMENT 1 TO EXHIBIT A
NONPROFESIONAL SERVICES AGREEMENT
SCOPE OF SERVICES**

1.01 Location, Scope of Work

Contractor shall apply the herbicide Vaporooter II by Douglas Products to select sewer lines in the River Park neighborhood.

1.02 Specifications

The work to be performed under this contract shall be done in accordance with the Scope of Services contained herein. Reference is made to the Standard Specifications of the City of Sacramento, adopted June 2007, referred to herein as "Standard Specifications". The general requirements of this contract shall be governed by the Scope of Services first, followed by the Standard Specifications.

1.03 Proof of Compliance with Contract

In order to determine compliance for the requirements of this contract, that may not readily be determined through inspection and tests of equipment, work or materials, the Contractor shall at any time when requested, submit to the Engineer properly authenticated documents or other satisfactory proofs as to his compliance with the requirements of this contract.

1.04 Contractor Information

Per Section 5-7 of the Standard Specifications, 4 copies of the following shop drawings and submittals shall be prepared and submitted for review:

1. Construction schedule
2. Traffic control plan
3. Water quality control plan

1.05 Project Schedule

A schedule showing all items of work prior to initiating construction shall be submitted. The schedule shall be submitted, reviewed and updated in accordance with Section 7-2 of the Standard Specifications.

Weekend work will be done in accordance with Section 7-4 of the Standard Specifications.

1.06 Application Log Sheets

Log sheets containing each pipe segment treated shall be neatly maintained. Log sheets shall be kept current daily, and shall be accurate, complete and legible. Progress payments will not be processed without current and complete log sheets.

1.07 Administrative Penalty Ordinance

Minimum requirements and restrictions relating to construction activities within the City right of way are detailed in Chapter 12.20 of the City Code. It also establishes administrative penalties for non-compliance of these requirements. Contractor shall become familiar with such requirements. Contractor may be assessed the administrative penalty for each violation of any provision addressed by the ordinance; amounts can be deducted from the Contract. In general, the ordinance includes the following categories:

Working hours for the City's "Primary Streets"

Traffic control plan requirements

Access to private property

Maintenance of construction areas

Maintenance of traffic, public safety and convenience

Repair of traffic control systems

Care of existing known facilities

Protection of existing improvements

Public notification

Noise levels

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

1.08 Water Quality Control

Contractor shall be responsible for the requirements consisting of regulations contained in the National Pollution Discharge Elimination System (NPDES) Stormwater Permit, issued to the City and in accordance with Section 16 of the Standard Specifications.

The City reserves the right to take corrective action and withhold the City's costs for corrective action from progress payments or final payment. Any fines, including third-party claims, levied against the City as a result of the Contractor's non-compliance are the Contractor's sole responsibility and will be withheld from progress payments or final payment.

1.09 Health and Safety

The Contractor is warned that existing sewers and appurtenances have been exposed to sewage and industrial wastes. These facilities shall therefore be considered

contaminated with disease-causing organisms. Personnel in contact with contaminated facilities, debris, wastewater, or similar items shall be advised by the Contractor of the necessary precautions that must be taken to avoid becoming diseased. It is the Contractor's responsibility to urge his personnel to observe a strict regime of proper hygienic precautions, including any inoculations recommended by the local public health officer.

Because of the danger of solvents, gasoline, and other hazardous material in the existing sewers, these areas shall be considered hazardous to open flame, sparks, or unventilated occupancy. The Contractor shall be aware of these dangers and shall take the necessary measures to assure his personnel observe proper safety precautions when working in these areas.

The Contractor shall not allow any wastewater to discharge from sewage collection systems onto adjacent lands or waters. In case of accidental discharge, the Contractor shall be responsible for containment, immediate cleanup and disposal at his own expense to the full satisfaction of the Engineer. Where containment is not possible, adequate disinfection shall be provided by the Contractor at his expense as directed by the Engineer or agency with jurisdiction. If, in the opinion of the Engineer, the Contractor fails to adequately follow the above guidelines, he will make arrangements to have the work done by others, and have the cost charged to the Contractor.

1.10 Public Notification of Work

The Contractor shall notify property owners and/or tenants where property will be accessed. Notifications shall be delivered at least three (3) calendar days prior to start of work. Notification shall be in the form of a door hanger provided by the City, with the following information written on it by the Contractor:

- Name and 24 hour phone number(s) of Contractor
- Approximate date work will be performed

1.11 Maintenance of Traffic, Public Safety and Convenience

The Contractor's attention is directed to Sections 6-6 through 6-11 and 7-4 of the Standard Specifications.

Spillage resulting from hauling operations along or across any public traveled way shall be removed immediately by the Contractor at his expense. Water or dust palliative shall be applied if ordered by the Engineer for the alleviation or prevention of dust nuisance.

The Contractor will ensure that utility services to customers in the project are maintained.

The Contractor shall be required to 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 showing proposed traffic control measures

and/or detours for vehicles and pedestrians affected by the construction work. 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. In addition, the approved plan shall be kept on hand at the project site at all times while construction is in progress. All advance warning and traffic delineation shall conform to the provisions of Section 6-10 of the Standard Specifications.

The Contractor's traffic control plan shall include location of proposed work area, locations of areas where the public right of way will be closed or obstructed, any proposed phases of traffic control and time period of when traffic control will be in effect. The traffic control plan shall also include name and business address of Contractor and a statement that the Contractor will comply with City's noise ordinance.

The Contractor shall be solely and completely responsible for furnishing, installing, and maintaining all warning signs and devices necessary to safeguard the general public and the work, and to provide for the safe and proper routing of all vehicular and pedestrian traffic during the performance of the work. The requirement shall apply continuously and shall not be limited to normal working hours.

The Contractor shall perform the following requirements included in the City ordinance Chapter 12.20, with this contract:

1. The Contractor shall not cause public rights-of-way, public property or public easement to be covered with construction related trash, debris, garbage, waste material or soil. Areas affected by the construction, must be cleaned to the satisfaction of the Engineer prior to re-opening to the public.
2. The Contractor shall provide access to all existing driveways at all times unless other arrangements are made with the property owner. Access for emergency vehicles shall be available at all times.
3. Provide for pedestrian traffic at all times except where closures are approved in advance by the Engineer.
4. All work within public streets and/or roadway right-of-way shall be done in an expeditious manner so as to cause as little inconvenience to the traveling public as possible.

The Contractor is hereby alerted that some streets within the project area are designated as a "primary street" and as such the requirements and administrative penalties of Chapter 12.20 of the City ordinance apply. In accordance with the ordinance, the Contractor shall not impede traffic in any fashion outside the work hours of 8:30 A.M. and 4:00 P.M.

1.12 Removal of Street Parking

In locations where the Contractor's operations require removal of on-street parking, such removal shall be in accordance with Section 6-18 of the Standard Specifications.

Failure to comply with this section will prevent the City from towing vehicles parked in the proposed work area.

ITEMS OF THE PROPOSAL:

- Item No. 1 4-inch Sewer Pipe**
- Item No. 2 6-inch Sewer Pipe**
- Item No. 3 8-inch Sewer Pipe**
- Item No. 4 10-inch Sewer Pipe**
- Item No. 5 12-inch Sewer Pipe**
- Item No. 6 15-inch Sewer Pipe**

The herbicide Vaportooter II by Douglas Products shall be applied to sewer pipes depicted in yellow highlight on the maps attached hereto.

Most of the sewer mains are located in easement areas and may have restricted access. Many of the manholes are located in backyards that are enclosed by fencing. Homeowners may also have placed sheds or other obstacles over or around manholes. It is the Contractor's responsibility to access and open all manholes. If the Contractor is unable to locate a manhole, the Contractor shall notify the Engineer at least two (2) working days prior to the scheduled work. City crews will locate manhole.

Equipment used shall be able to deliver herbicide in sewer main up to 800 feet from the entry point. Application of material shall be in such a way as to contact all roots within the sewer main being treated. Foaming shall be at sufficient pressure to treat the lateral pipe connections a minimum of five (5) feet and a maximum of ten (10) feet, beyond the main sewer line. Herbicide shall be capable of penetrating roots and causing these to die and decay so that City forces can mechanically cut and remove the dead roots.

APPENDIX TO EXHIBIT A

Maps

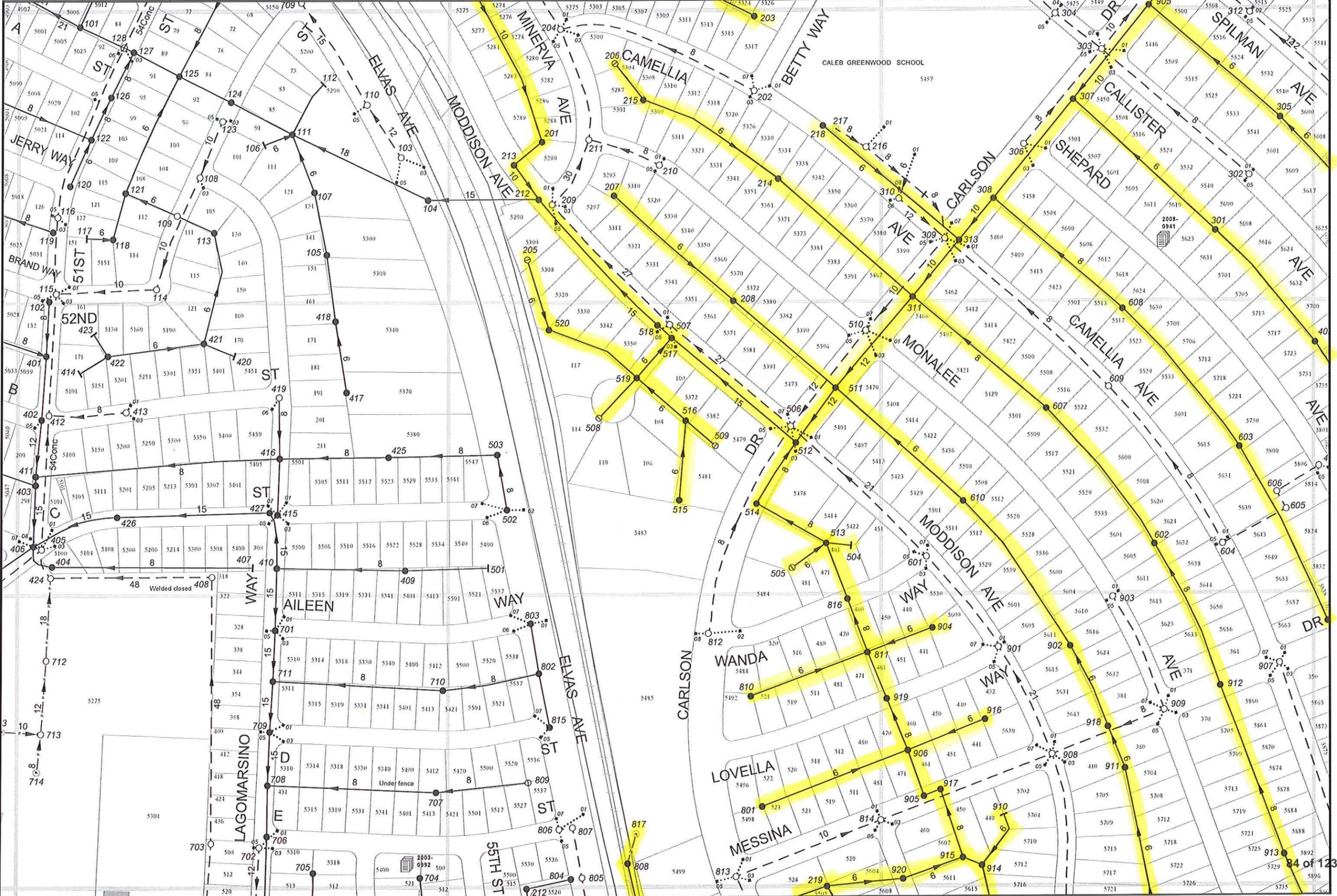


- ONLINE LINKS
- [E-MAINS MAP](#)
- [WATER PRESSURE](#)
- [WATER AERIAL VIEW](#)
- [Water Book](#)
- [Sewer Book Aerial](#)
- [Fiber Book](#)



ID	Type	Upper	Lower	Depth
401	S	2' NSLL	2' WWPL	7.4
402	S	87' EC	7' NNC	5.6
403	D	18' WEC	11' SNC(W)	9.6
404	S	36' SNC	9' WEC	5.0
405	D	18' SNC	1' EWC	7.3
406	D	~	~	~
701	D	10' SNC	24' WELL	3.9
702	S	3' NSLL	2' EWLL	6.4
703	S	3' EWLL	7' NNC	5.1
704	S	2' SNPL	3' EWLL	6.6
705	S	4' NSLL	37' SNC	3.9
706	D	10' NSC	10' WEC	6.8
707	D	11' SNC	23' EC	6.4
708	S	7' WWLL	6' NNC	6.0
709	S	4' WELL	2' SNPL	9.1
710	S	2' EWLL	3' NSPL	7.4
711	S	10' WEC	4' NSPL	7.6
712	D	18' WEC	9' SNC(W)	9.7
801	D	16' WEC	10' NSC	3.7
802	S	9' NSLL	3' WEPL	6.8
803	S	90' W/MH	2' NSLL	6.0
804	S	2' EWLL	2' SNPL	6.7
805	S	3' NSLL	3' WELL	6.0

- ONLINE LINKS
- T-MAINS MAP
 - WATER PRESSURE
 - WATER AERIAL VIEW
 - Water Book
 - Sewer Book
 - Aerial
 - Fiber Book



Id	Type	Lower	Upper	Depth	Id	Type	Lower	Upper	Depth	Id	Type	Lower	Upper	Depth
101	S	2'NSLL	2'NSLL	10.5	419	C	10'WEC	10'WEC	4.2	908	D	9'SNC	9'SNC	9.3
102	S	1'SSC	14'EW	4.9	420	S	3'SNLL	3'SNLL	8.8	909	D	5'WEC	5'WEC	5.9
103	D	69'NSL	33'EW	5.6	421	S	2'NSLL	2'NSLL	8.9	910	S	4'EWLL	4'EWLL	~
104	S	588'EEC 52ND S	4'NVC ELVAS AV	15" FLOODGATE	422	S	2'NSLL	2'NSLL	6.6	911	S	SLL	SLL	6.0
105	S	110'SNPL	1'EWLL	7.3	423	S	1'WELL	1'WELL	~	912	S	3'EWLL	3'EWLL	9.6
106	S	2'NSLL	2'NSLL	~	424	D	12'SNLL	17'NSLL	13.8	913	S	8'SNLL	8'SNLL	10.9
107	S	1'EWLL	51'SNLL	7.6	425	C	21'EWLL	2'SNPL	4.9	914	S	2'SNLL	2'SNLL	9.2
108	D	10'WEC	10'WEC	5.6	426	S	12'SNC	6'EWLL	7.3	915	S	86'SSC	3'WEPL	11.1
109	S	13'EW	2'NSLL	4.4	427	C	13'SNC	1'EW	7.0	916	S	4'NSLL	2'EWLL	5.0
110	D	59'NSLL	33'EW	6.1	501	C	4'SNLL	3'EWLL	5.0	917	S	14'WEC	2'NSLL	11.9
111	S	1'NSLL	6'EWLL	10.6	502	C	16'EW	7'NSC	4.1	918	S	2'EWLL	9'NSC	5.6
112	S	37'SSC	1'EWLL	~	503	C	110'NVC	17'EW	4.9	919	S	3'WELL	8'SNC	14.0
113	S	2'NSLL	2'NSLL	5.6	504	S	7'NSLL	7'NSLL	~	920	S	1'NSLL	8'EW	9.6
114	D	9'NSC	2'WEC	11.6	505	S	9'WELL	9'SNLL	~	~	~	~	~	~
115	D	13'WEC	11'NSC	15.4	506	D	15'WEC	8'SNC	8.4	~	~	~	~	~
116	D	2'NSLL	13'WEC	14.8	507	D	14'SNC	8'WELL	7.5	~	~	~	~	~
117	S	4'WELL	5'SNLL	~	508	S	2'NSLL	10'WVC	~	~	~	~	~	~
118	S	40'SNLL	2'EWLL	7.7	509	S	2'SNPL	12'EWLL	~	~	~	~	~	~
119	S	14'EW	122'NVC	6.3	510	D	19'WEC	9'SNC	7.3	~	~	~	~	~
120	S	6'NSC	9'WEC	4.1	511	S	1'NSPL	11'WEC	10.9	~	~	~	~	~
121	S	3'NSLL	4'EWLL	8.5	512	S	6'NSC	11'WEC	10.4	~	~	~	~	~
122	S	94'NVC	9'WEC	6.0	513	S	2'EWLL	NPL	10.5	~	~	~	~	~
123	D	90'NVC	9'WEC	3.4	514	S	11'WEC	3'NSPL	10.7	~	~	~	~	~
124	S	9'WEC	2'NSPL	9.2	515	S	8'NSLL	3'EWLL	7.8	~	~	~	~	~
125	S	2'EWLL	2'NSLL	9.6	516	S	2'WELL	2'NSLL	5.8	~	~	~	~	~
126	S	1'NSC	9'WEC	5.3	517	S	11'NSC	6'WE6	9.9	~	~	~	~	~
127	D	106'NVC	9'WEC	9.5	518	S	9'NSC	24'WVC	9.8	~	~	~	~	~
128	D	15'EW	106'NVC	10.2	519	S	6'WEC	3'NSLL	6.0	~	~	~	~	~
201	S	2'WEPL	3'SNLL	11.0	520	S	3'NSLL	15'E POLE LN	5.0	~	~	~	~	~
202	D	8'SNC	11'EW	4.9	601	D	9'SNC	11'EWLL	7.9	~	~	~	~	~
203	S	6'EWLL	3'NSPL	5.0	602	S	2'EWLL	7'NSPL	11.0	~	~	~	~	~
204	D	12'SNC	12'WEC	7.3	603	S	7'NSPL	2'EWPL	6.9	~	~	~	~	~
205	S	6'WELL	3'NSPL	5.5	604	D	8'SNC	1'EWLL	4.3	~	~	~	~	~
206	S	4'N POLE	7'WELL	~	605	D	24'EWLL	4'NSPL	5.0	~	~	~	~	~
207	S	6'WELL	3'NSPL	5.5	606	D	2'EWLL	4'NSPL	4.9	~	~	~	~	~
208	S	14'EWLL	2'NSPL	6.9	607	S	2'EWLL	24'NSPL	11.6	~	~	~	~	~
209	D	14'SNC	17'WEC	6.9	608	S	1'EWLL	16'NSLL	8.1	~	~	~	~	~
210	D	8'SNC	14'WELL	3.8	609	D	23'EWLL	9'SNC	6.5	~	~	~	~	~
211	D	13'WEC	9'SNC	8.0	610	C	2'EWLL	20'NSPL	7.9	~	~	~	~	~
212	S	3'NSC	46'WWLL	8.7	701	C	8'WEC	9'NSC	5.7	~	~	~	~	~
213	S	13'NSC	SLL	8.8	702	D	15'SNC	16'EW	5.9	~	~	~	~	~
214	S	2'NSPL	1'EWLL	7.9	703	D	20'NSLL	14'WEPL	17.3	~	~	~	~	~
215	S	4'WELL	1'SNPL	5.0	704	S	13'NSLL	1'EWLL	4.5	~	~	~	~	~
216	D	?	?	0.0	705	S	3'EWLL	4'NSLL	5.1	~	~	~	~	~
217	D	?	?	0.0	706	C	8'NSC	7'WEC	7.6	~	~	~	~	~
301	S	1'NSPL	1'EWLL	6.0	707	C	2'SNLL	ELL	5.9	~	~	~	~	~
302	D	15'SNC	15'WELL	3.9	708	S	104'NVC	8'WEC	7.6	~	~	~	~	~
303	D	16'WEC	6'EWLL	8.8	710	C	1'NSLL	1'EWLL	6.4	~	~	~	~	~
304	D	6'EWLL	9'SNC	3.6	711	C	104'NVC	8'WEC	6.8	~	~	~	~	~
305	S	1'EWLL	2'NSLL	4.0	712	D	~	~	~	~	~	~	~	~
306	D	18'WEC	9'SNC	7.1	713	D	~	~	~	~	~	~	~	~
307	S	11'WEC	2'NSPL	11.4	714	D	~	~	~	~	~	~	~	~
308	S	11'WEC	2'NSPL	10.8	801	S	3'SNLL	9'WELL	5.5	~	~	~	~	~
309	D	19'WEC	9'SNC	6.7	802	C	103'NVC	17'EW	4.4	~	~	~	~	~
310	D	127'WVC	9'SNC	5.6	803	C	17'EW	9'SNC	3.9	~	~	~	~	~
311	S	11'WEC	3'SNPL	10.4	804	S	8'NSC	17'EW	4.2	~	~	~	~	~
312	D	16'SNC	10'WELL	9.5	805	D	110'SSC	34'EW	5.7	~	~	~	~	~
313	S	10'WEC	5'SNC	10.8	806	D	17'EW	9'SNC	3.5	~	~	~	~	~
401	S	13'EW	6'NSC	10.0	807	D	5'NSC	34'EW	5.0	~	~	~	~	~
402	S	9'NSC	13'EW	9.5	808	S	4'EWPL	2'SNLL	7.9	~	~	~	~	~
403	S	129'SSC	13'EW	9.4	809	S	2'SNLL	5'EWLL	~	~	~	~	~	~
404	S	2'EW	2'NSPL	4.2	810	S	3'EWLL	2'SNPL	4.6	~	~	~	~	~
405	D	19'WEC	23'SNC	12.6	811	S	2'EWLL	4'SNPL	14.0	~	~	~	~	~
406	S	17'NSC	17'WEC	7.0	812	D	17'WEC	10'NSC	5.1	~	~	~	~	~
407	S	4'EWLL	1'NSLL	4.0	813	D	9'WEC	6'NSC	5.5	~	~	~	~	~
408	D	15'EWLL	15'SLL	~	814	D	8'SNC	5'WEC	3.9	~	~	~	~	~
409	C	3'SNLL	27'WELL	5.3	815	C	~	~	3.8	~	~	~	~	~
410	C	116'SSC	8'WEC	6.3	816	S	3'EWLL	7'SNC	11.4	~	~	~	~	~
411	S	13'EEC	13'EW	9.3	817	D	~	~	~	~	~	~	~	~
412	D	10'NSC	84'EEC	4.6	901	D	9'SNC	7'WELL	7.4	~	~	~	~	~
413	D	5.5'NSPoleLine	6'WELL	6.0	902	S	2'EWLL	24'NSPL	6.7	~	~	~	~	~
414	S	10'WEC	8'NSC	3.5	903	D	9'SNC	3'WELL	3.9	~	~	~	~	~
415	C	9'WEC	11'NVC	5.4	904	S	6'SNLL	7'EWLL	6.4	~	~	~	~	~
416	S	11'NVC	9'WEC	8.8	905	S	13'WEC	24'SNLL	11.3	~	~	~	~	~
417	S	19'NSLL	2'EWLL	8.8	906	S	2'EWLL	3'SNPL	15.0	~	~	~	~	~
418	S	3'EWLL	40'SNLL	7.2	907	D	9'NSC	10'WEC	3.6	~	~	~	~	~



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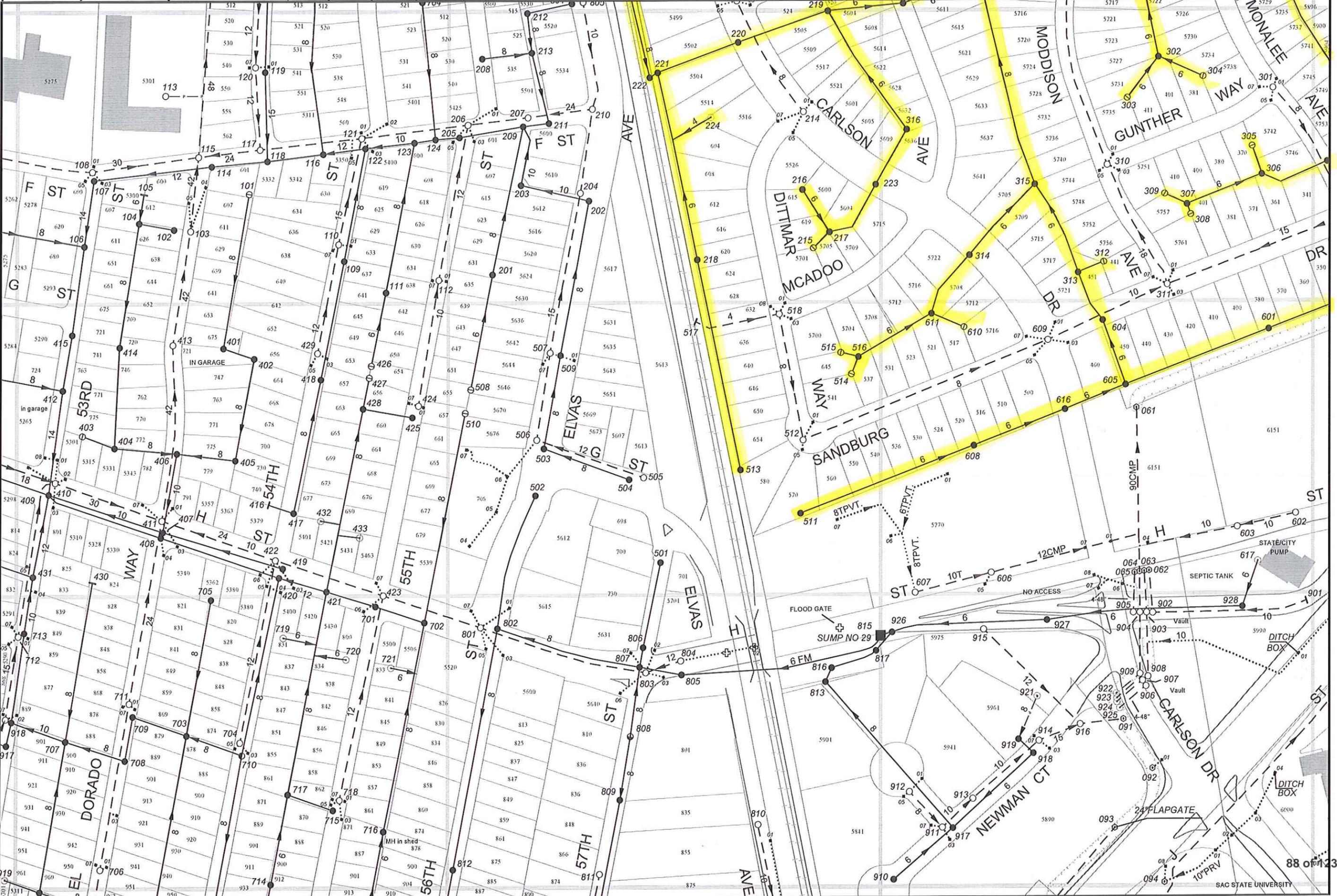
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Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth
101	D	16'SNC	25'EWell	9.3	911	D	167'E/MH	11SSC	5.6
102	S	N/L	2'EWell	5.6	912	D	404'N OF MH	14'WEC	11.4
103	S	2'EWell	20' SNLL	5.1	913	S	383'N OF MH	14'WEC	8.1
104	D	16'SNC	16'EWell	8.4	915	S	~	~	~
105	S	6' NSLL	6' SENWLL	4.5	916	S	~	~	~
106	S	2'EWell	1'NSPL	5.0					
107	S	2'EWell	3' SNLL	5.1					
108	S	7' NSC	133' WWC	6.0					
109	D	15'SNC	19'Well	6.7					
110	S	77'SSC	2'Well	7.4					
111	S	2'SNPL	2'EWell	8.5					
112	S	2'WEP	62'SNLL	7.4					
113	S	2'WEP	2'SNLL	7.5					
201	D	16'EWC	15'SNC	4.7					
202	S	2'SNLL	2'WEP	5.2					
203	S	2'SNLL	23'WEP	6.0					
204	S	1'SNLL	1'WEP	6.9					
205	S	ON NLL	7'ECC	6.3					
301	D	186'N OF MH	14'EWC	6.6					
302	D	14'SNC	17'EWC	5.6					
303	D	374'N OF MH	14'WEC	9.1					
304	D	14'SNC	14'WEC	10.9					
305	D	186'N OF MH	14'EWC	5.5					
401	S	3'EWell	21'SNPL	4.7					
402	S	1'EWell	21'SNPL	4.8					
403	D	9'NSC	1'EWell	3.2					
404	S	2'EWell	25'NSPL	4.5					
405	S	12'SNLL	8'Well	4.0					
406	S	9' SNLL	4' Well	4.0					
407	S	3' Well	7' NSLL	4.0					
408	S	26' SNLL	2' EWell	4.3					
409	D	11'EWC	16'SNC	8.5					
410	D	16'WEC	10'NSPL	7.8					
411	S	2'EWell	11'SNLL	~					
412	S	41' SNLL	2' EWell	~					
413	S	2'EWell	1'SNLL	4.0					
414	D	10'SNC	16'WEC	6.9					
415	D	12'EWC	10'SNC	4.1					
416	D	8'WEC	11'SNC	5.4					
501	S	2' Well	24' NSLL	~					
502	S	13' NSLL	3' WEP	6.4					
503	S	1' W POLE	8' NSLL	~					
504	S	3' WEP	SL	6.5					
601	D	~	~	~					
602	D	~	~	~					
603	D	397'N OF MH	13EWC	9.3					
604	D	399'N OF MH	14'WEC	7.5					
605	D	274'N/MH	14'WEC	9.3					
606	D	374'S OF MH	13'WEC	10.3					
607	D	220'S OF MH	14'EWC	8.6					
701	S	2' SNLL	2' EWell	6.5					
702	D	3'EWell	11'SNC	4.5					
703	D	9'WEC	11'SNC	3.7					
704	D	13'EWell	10'SNC	6.5					
705	D	9'WEC	9'NSC	3.5					
706	D	22'NSLL	9'EWC	3.2					
707	S	68'Well	12'SNLL	~					
708	S	2' SNLL	2' EWPL	4.6					
709	S	2' Well	2' NSLL	6.6					
710	S	13'ECC	3'SNLL	4.6					
711	S	2'Well	5'SNLL	7.0					
712	S	3' EWell	2' NSLL	10.9					
713	S	2' SNLL	4' EWell	7.2					
714	S	2' EWPL	2' SNLL	4.8					
715	S	2'EWell	2'SNLL	4.8					
716	S	2' SNLL	2' EWPL	7.0					
717	S	1' Well	3' NSLL	8.9					
718	S	2'SNLL	7'WEC	7.2					
901	D	~	~	~					
902	S	33'NSLL	102'WWC	~					
903	S	33'NSLL	48'WWC	~					
905	D	12'NSLL	2'WWC	F.B.					
906	D	16'NSC	14'EWC	19.0					
907	D	27'NSC	16'WEC	5.3					
908	D	300'S/MH	8'EWC	9.5					
909	S	205'N/MH	6'ECL	8.1					
910	D	382'E/MH	12'SSC	5.8					

TYPE CODES: C=COMBINED SYSTEM D=DRAINAGE S=SEWER

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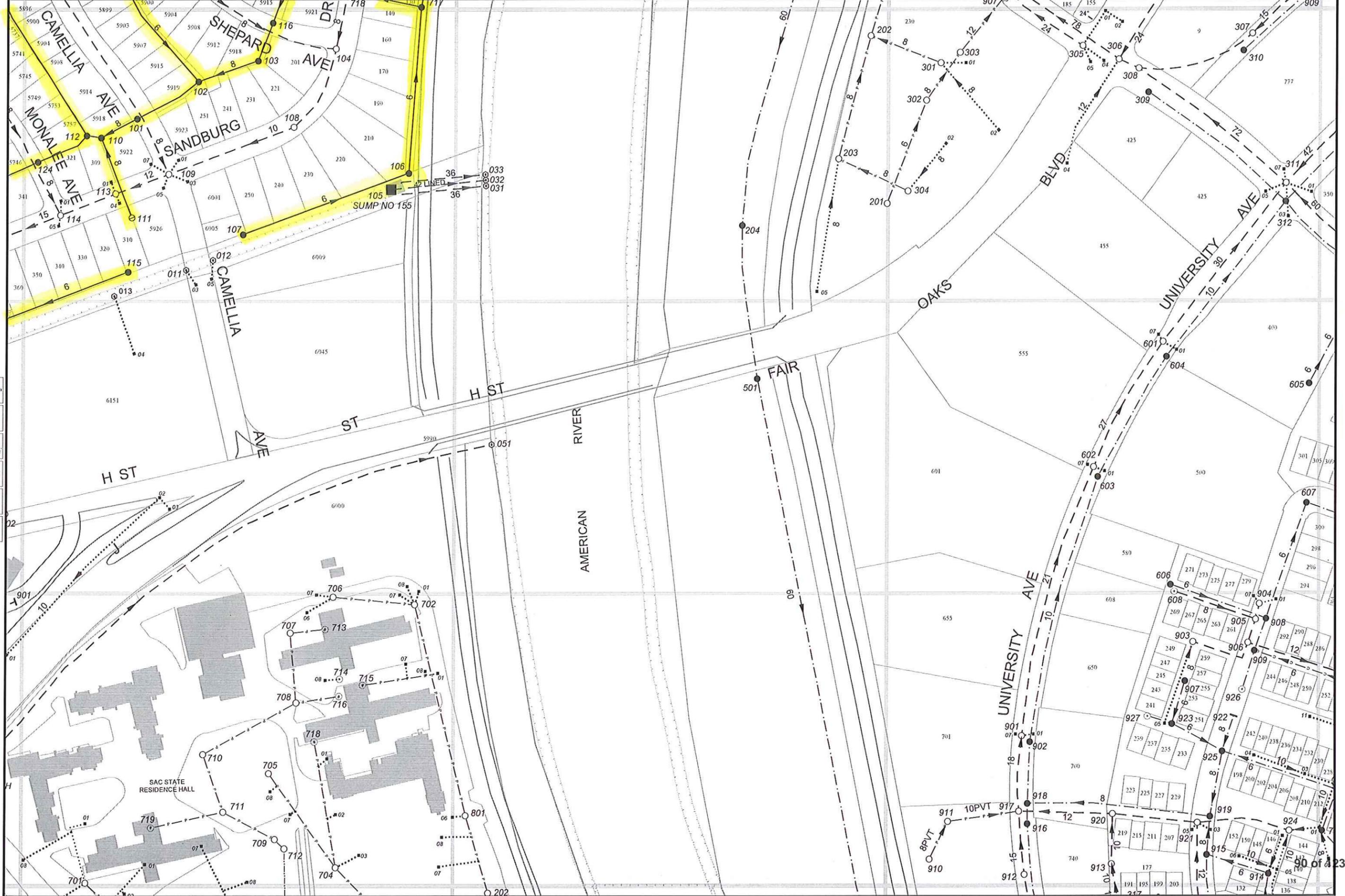
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Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth
101	S	8'NSLL	8'WELL	~	414	S	3'9'NSLL	1'E'WLL	5.0	806	S	4'N'NC	11'E'WC	3.3
102	S	142'SSC	9'E'WC	2.8	415	S	8'W'EC	25'SSC	8.5	807	S	27'N'NC	11'E'WC	5.0
103	D	2'E'WLL	15'W'EC	12.1	416	S	161'W'WC	NLL	~	808	S	200'S'MH	12'E'WC	3.9
104	S	2'E'WLL	1'NSLL	~	417	S	116'N'NC	10'W'EC	7.2	809	S	353'S'MH	14'E'WC	5.3
105	S	2'E'WLL	5'NSLL	4.4	418	S	21'NSLL	10'W'EC	4.8	810	D	290'N'MH	5'W'WC	16.2
106	S	148'SSC	9'W'EC	8.4	419	S	10'NSC	11'W'EC	11.5	811	D	9'NSLL	9'E'WC	7.1
107	S	8'NSC	9'W'EC	7.5	420	S	6'NSC	10'W'EC	10.6	812	S	15'NSLL	17'E'WC	5.2
108	D	16'NSC	15'E'WC	12.3	421	S	7'NSC	106'E'EC	10.6	813	S	1'E'W'PL	8'N'N'PL	8.5
109	S	249'SSC	11'W'EC	6.0	422	D	19'S'NC	17'E'WC	15.8	816	S	~	~	~
110	D	12'NSLL	16'E'WC	8.3	423	D	18'S'NC	16'E'WC	14.2	817	S	~	~	~
111	S	3'E'WLL	1'NSLL	4.7	424	D	15'NSLL	16'W'EC	5.2	901	S	~	~	~
112	D	6'NSLL	16'E'WC	5.3	425	S	9'E'WC	3'NSLL	3.3	902	D	21'SSC	36'E'EC	9.0
113	D	~	~	~	426	S	3'E'WLL	11'S'NLL	~	903	D	21'SSC	31'E'EC	9.0
114	S	15'NSC	1'W'WC	13.5	427	S	2'E'WLL	2'NSLL	~	904	D	21'SSC	26'E'EC	9.0
115	D	15'NSC	1'W'WC	13.5	428	S	2'E'WLL	4'NSLL	5.1	905	D	21'SSC	21'SSC	9.0
116	S	6'NSC	61'W'WC	8.8	429	D	5'NSLL	15'E'WC	2.6	906	D	54'SSC	3'W'EC	8.9
117	D	15'NSC	16'E'WC	11.9	430	S	12'NS'PL	3'E'W'PL	4.0	907	D	48'SSC	4'W'EC	8.9
118	S	8'W'EC	6'NSC	8.9	431	S	10'W'EC	9'NS'PL	5.0	908	D	42'SSC	1'E'EC	8.9
119	S	180'N'NC	7'W'EC	7.1	432	S	~	~	~	909	D	37'SSC	5'W'EC	8.9
120	D	8'NSLL	15'E'WC	6.0	433	S	~	~	~	910	S	259'W'MH	15'N'W'SEC	5.9
121	D	15'NSC	16'E'WC	11.2	501	S	4'S'NLL	16'E'WC	3.0	911	D	14'E'WC	14'S'NC	4.4
122	S	10'W'EC	6'NSC	8.3	502	S	145'SSC	7'W'EC	3.1	912	D	105'N'MH	14'E'WC	3.6
123	S	59'E'EC	6'NSC	8.3	503	S	16'W'EC	11'NSC	4.8	913	D	15'NSC	56'E'WLL	4.6
124	S	6'NSC	50'W'WC	8.4	504	D	8'NSC	166'E'WC	2.9	914	D	179'N'E/MH	15'S'EN'WC	5.2
201	S	1'NSLL	2'W'EC	~	505	D	16'S'NC	164'E'EC	5.0	915	D	8'NSC	189'W'WC	4.9
202	S	6'NSC	16'W'EC	7.1	506	D	16'S'NC	34'W'EC	5.0	916	D	206'N'E/MH	15'S'EC	6.4
203	S	35'W'WC	6'W'EP	9.1	507	D	9'NSLL	33'E'WC	6.3	917	S	15'S'W'NEC	15'N'W'SEC	5.7
204	D	13'NSLL	33'E'WC	9.0	508	S	10'S'NLL	4'W'EC	~	918	S	257'N'E/MH	14'N'W'SEC	7.3
205	S	20'W'EC	6'NSC	8.4	509	S	166'N'NC	16'W'EC	4.4	919	S	68'N'ES'WLL	7'N'W'SEC	3.3
206	D	15'NSC	15'W'EC	10.6	510	S	12'S'NLL	2'W'EC	~	921	D	~	~	~
207	D	13'E'WLL	16'NSC	10.5	511	D	2'W'EC	1'NS'PL	6.3	922	D	~	~	~
208	S	132'N'NC	8'W'EC	4.3	512	D	17'E'WLL	9'NSC(W)	3.9	923	D	~	~	~
209	S	51'E'EC	5'NSC	8.5	513	S	4'S'NLL	13'E'W'PL	6.3	924	D	~	~	~
210	D	37'E'WC	16'S'NC	10.5	514	S	81'N'W'WC	2'S'W'N'ELL	4.5	925	D	~	~	~
211	S	6'NSC	14'S'NC	4.9	516	S	1'NS'PL	1'W'LL	4.0	927	S	~	~	~
212	S	106'W'WC	14'S'NC	8.3	515	S	104'SSC	101'E'EC	~	926	S	~	~	~
213	S	134'N'NC	6'W'EC	5.0	517	D	4'E'P'OLE'IN	2'S'NLL	~	928	S	~	~	~
214	D	9'W'EC	10'S'NC	3.9	518	D	10'S'NC	9'W'EC	3.5	~	~	~	~	~
215	S	7'W'EC	5'S'NLL	~	601	S	27'E'WLL	1'NS'PL	6.9	~	~	~	~	~
216	S	2'W'EC	3'NSLL	4.9	602	D	5'S'NC(E)	141'E	5.0	~	~	~	~	~
217	S	2'S'N'PL	3'W'EC	5.8	603	D	5'S'NC(E)	211'E/MH	5.0	~	~	~	~	~
218	S	5'W'EC	5'S'NLL	6.0	604	S	7'NSC	6'E'W'PL	8	~	~	~	~	~
219	S	3'S'NLL	2'W'EC	8.6	605	S	1'NS'PL	3'E'WLL	9.0	~	~	~	~	~
220	S	4'S'NLL	9'E'WC	7.9	606	D	10'N'NC	263'W'WC	4.9	~	~	~	~	~
221	S	2'S'NLL	11'E'W'PL	7.0	607	D	13'N'NC	183'W	3.0	~	~	~	~	~
222	S	5'S'NLL	1'E'W'PL	7.6	608	S	27'E'WLL	1'NS'PL	6.6	~	~	~	~	~
223	S	3'S'NLL	6'E'WC	6.6	609	D	12'W'EC	10'NSC	8.0	~	~	~	~	~
224	S	2'S'N'PL	16'E'WLL	~	610	S	3'E'W'PL	85'N'NC	3.5	~	~	~	~	~
301	D	14'W'EC	8'S'NC	3.7	611	S	3'W'EC	1'S'NLL	6.0	~	~	~	~	~
302	S	2'S'NLL	2'W'EC	4.9	616	S	~	?	0.0	~	~	~	~	~
303	S	3'S'NLL	2'W'EC	4.0	617	S	~	?	~	~	~	~	~	~
304	S	2'W'EC	93'N'NC	4.0	701	S	9'NSC	9'E'WC	10.1	~	~	~	~	~
305	S	1'W'EC	50'S'NLL	5.0	702	S	7'NSC	103'E'EC	9.2	~	~	~	~	~
306	S	3'S'NLL	19'E'WLL	6.0	703	S	3'E'W'PL	5'S'NLL	5.5	~	~	~	~	~
307	S	3'S'N'PL	3'E'WLL	5.3	704	D	6'N'NLL	16'W'EC	5.0	~	~	~	~	~
308	S	3'W'EC	27'S'NLL	~	705	D	22'W'EC	2'NSLL	8.7	~	~	~	~	~
309	S	7'S'LL	4'W'EC	8.0	706	D	122'N'NC	15'W'EC	8.5	~	~	~	~	~
310	D	9'S'NC	9'W'EC	~	707	S	5'S'NLL	3'E'W'PL	4.0	~	~	~	~	~
311	D	10'NSC	10'W'EC	6.5	708	S	5'S'NLL	10'W'EC	5.0	~	~	~	~	~
312	S	2'S'NLL	2'S'NLL	4.5	709	S	3'S'NLL	10'W'EC	4.9	~	~	~	~	~
313	S	1'S'NLL	1'E'WLL	7.9	710	S	3'S'NLL	10'W'EC	3.9	~	~	~	~	~
314	S	6'E'WC	126'SSC	~	711	D	7'S'NLL	15'W'EC	10.0	~	~	~	~	~
315	S	3'S'N'PL	2'E'WLL	8.4	712	D	16'W'EC	7'NSC	6.5	~	~	~	~	~
316	S	2'S'NLL	3'E'WLL	5.9	713	S	11'W'EC	14'S'NC	4.0	~	~	~	~	~
401	S	100'E'EC	3'S'N'W'ALL	8.1	714	S	2'E'WLL	17'NSLL	5.5	~	~	~	~	~
402	S	3'W'EC	2'S'NLL	7.3	715	S	10'E'WC	2'NSLL	4.1	~	~	~	~	~
403	S	53'E'EC	2'S'NLL	4.0	716	S	3'S'NLL	2'W'P'OLE'LN	4.0	~	~	~	~	~
404	S	38'W'EC	2'S'NLL	7.0	717	S	1'E'W'PL	1'NS'PL	5.5	~	~	~	~	~
405	S	3'S'NLL	4'W'EC	9.3	718	D	16'W'EC	4'NSLL	5.0	~	~	~	~	~
406	S	151'N'NC	8'W'EC	7.6	719	S	~	~	~	~	~	~	~	~
407	S	13'W'EC	8'NSC	6.2	720	S	~	~	~	~	~	~	~	~
408	S	6'NSC	8'W'EC	8.5	721	S	~	~	~	~	~	~	~	~
409	S	10'W'EC	10'NSC	7.3	801	D	19'S'NC	5'W'WC	12.9	~	~	~	~	~
410	D	3'E'EC	19'S'NC	10.0	802	S	9'W'EC	21'S'NC	5.0	~	~	~	~	~
411	D	19'S'NC	16'E'WC	13.6	803	D	17'S'NC	15'W'EC	12.3	~	~	~	~	~
412	S	8'W'EC	214'N'NC	8.5	804	D	100'E/M'AIN	5'SSC	~	~	~	~	~	~
413	D	14'NSLL	15'E'WC	~	805	S	127'E/M'AIN	31'SSC	3.9	~	~	~	~	~

TYPE CODES: C=COMBINED SYSTEM D=DRAINAGE S=SEWER

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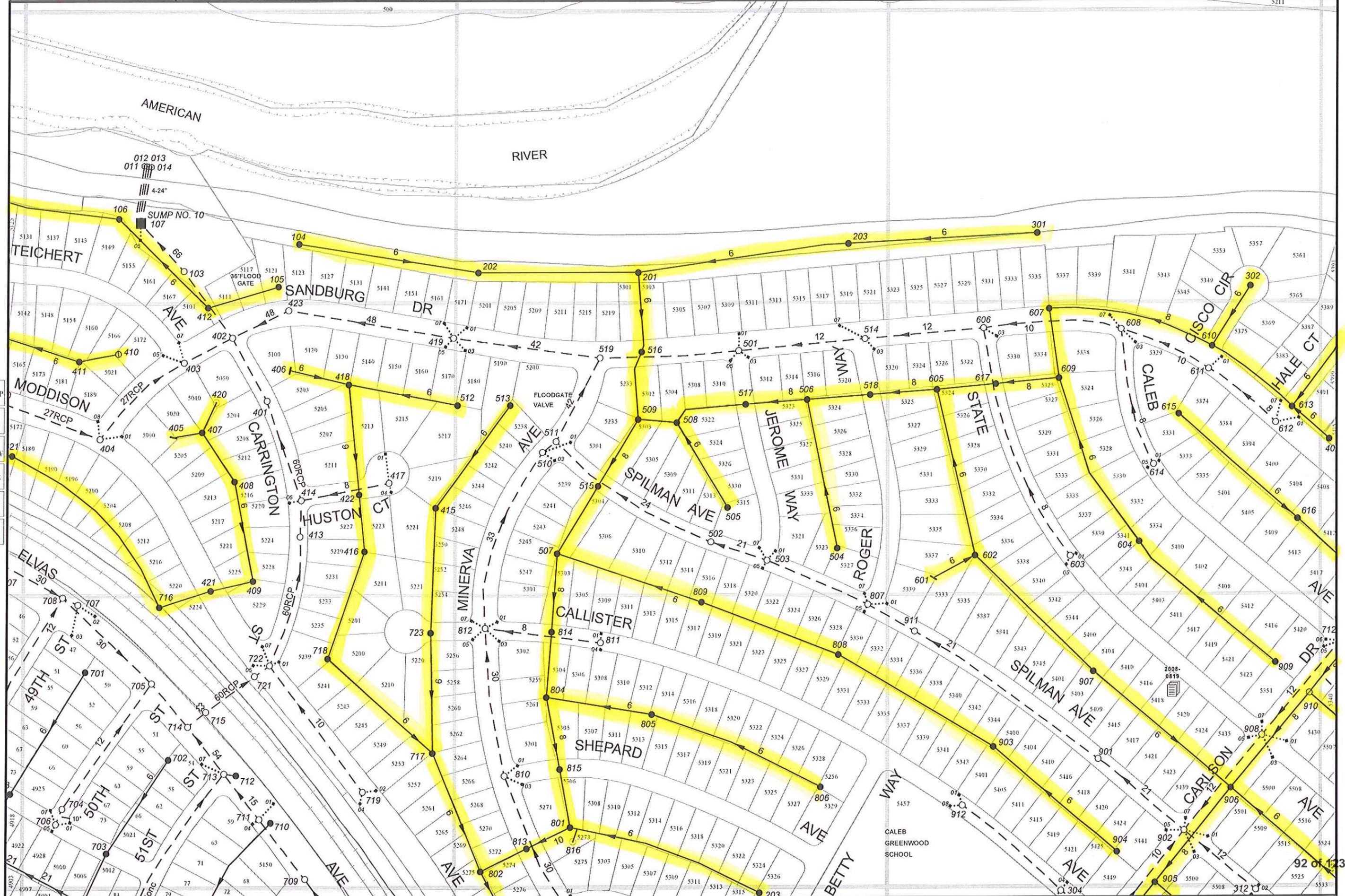


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- Fiber Book

Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth
101	S	6'EWC	SLL	8.9	919	S	3'NSLL	14'WEC	4.9
102	S	32' WELL	8' SNLL	10.9	920	D	115'S/MH	6'EWC	9.8
103	S	SLL	2'EWLL	10.9	921	D	3'SSLL	14'WEC	7.0
104	D	9'NSC	10'WEC	6.7	922	S	94'N/MH	14'WEC	4.7
106	S	2'NSPL	7'EWLL	9.8	923	S	~	~	~
107	S	4'WELL	9'NSC	4.6	924	D	29'SNPL 214	293'EEC	1.2
108	D	18'WELL	10'WEC	6.7	925	S	154'NSLL	14'WEC	4.7
109	D	9'NSC	10'EWC	7.0	926	S	~	~	~
110	S	2' WELL	3' NSLL	10.0	927	S	~	~	~
111	S	128'SSC	2'EWLL	~					
112	S	2' SNLL	7' EWLL	11.4					
113	D	9'NSC	2'EELL	6.9					
114	D	10'NSC	9'WEC	6.7					
115	S	23' EWLL	1' NSPL	5.2					
116	S	~	~	8.8					
124	S	~	~	~					
201	D	~	~	~					
202	D	~	~	~					
203	D	~	~	~					
204	S	~	~	~					
301	D	~	~	~					
302	D	128'W/MH	8'NCL	20.6					
303	D	~	~	~					
304	D	~	~	~					
305	D	15'NSC	2EWC	6.1					
306	D	26'WEC	6'SSC	20.6					
307	D	155'S/MH	8'EWC	10.8					
308	D	36'WWC	36'NSC	18.6					
309	S	17'WWC	18'NSC	6.2					
310	S	200'NCL	6'ECL	8.5					
311	D	24'SNC	27'WEC	14.8					
312	S	~	~	~					
501	S	~	~	~					
601	D	362'WWC	22'SNC	12.7					
602	D	2'WWLL	16'SNC	13.6					
603	S	~	~	~					
604	S	~	~	~					
605	S	~	~	~					
606	S	~	~	~					
607	S	~	~	~					
608	D	~	~	~					
701	D	~	~	~					
702	D	~	~	~					
704	D	~	~	~					
705	D	~	~	~					
706	D	~	~	~					
707	D	~	~	~					
708	D	~	~	~					
709	D	~	~	~					
710	D	~	~	~					
711	D	~	~	~					
712	D	~	~	~					
713	D	~	~	~					
714	D	~	~	~					
715	D	~	~	~					
716	D	~	~	~					
718	D	~	~	~					
719	D	~	~	~					
801	D	~	~	~					
901	D	81'WELL	15'SNC	13.6					
902	S	~	~	~					
903	D	10'EEPL	109'SSC	7.0					
904	D	206'S/MH	14'EWC	4.8					
905	D	78'S/MH	15'EWC	6.3					
906	D	145'S/MH	15'EWC	7.8					
907	S	~	~	~					
908	S	~	~	~					
909	S	6'ECL	350'S/MH	5.4					
910	D	~	~	~					
911	D	~	~	~					
912	D	17'EWC	2'SSLL	13.5					
913	D	191'S/MH	5'EWPL	6.0					
914	S	~	~	~					
915	S	87'S/MH	14'WEC	4.2					
916	S	28'SSLL	6'ECL	4.9					
917	D	22'SNLL	17'EWC	13.8					
918	S	3'NSLL	6'ECL	7.9					

TYPE CODES: C=COMBINED SYSTEM D=DRAINAGE S=SEWER

May 10, 2012



- ONLINE LINKS
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Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth
103	D	4'WWPL	97'NNSandburg	14.7	710	S	134'EEC	23'SNC	4.0
104	S	8'SNPL	6'WELL	4.4	711	D	32'EEC	11'NLL	5.8
105	S	41'EWPL	10'EWPL	4.4	712	S	25'WEC	23'SNC	5.0
106	S	41'EWLL	8'SNPL	6.1	713	D	17'WEC	33'SNC	9.5
201	S	16'SNLL	WLL	9.1	714	D	94'WEC	34'SNC	9.9
202	S	7'SNLL	5'EWLL	5.9	715	D	105'EEC	35'SSC	5.5
203	S	11'SNLL	7'SNLL	7.0	716	S	21'NSLL	3'EWLL	5.5
301	S	6'SNLL	9'WELL	7.3	717	S	3'EWLL	1'SNLL	7.9
302	S	9'WEC	33'SNC	5.3	718	S	3'WELL	3'SNLL	7.3
401	D	3'SNLL	6'WEC	12.6	719	D	29'EWLL	12'SNC	4.0
402	D	24'WEC	30'SNC	13.5	721	D	2'WEC	11'SNC	10.1
403	D	11'WEC	15'SNC	12.3	722	D	12'SNC	1'WEC	10.3
404	D	4'WELL	12'NSC	11.1	723	S	4'EWLL	6'SNC	5.5
405	S	3'WELL	7'SNLL	5.8	801	S	9'EWLL	3'SNPL	9.9
406	S	3'SNLL	7'WELL	~	802	S	27'SNLL	2'WELL	8.1
407	S	20'SNLL	3'EWPL	5.9	804	S	4'EWLL	1'SNLL	7.0
408	S	2'SNLL	2'EWLL	5.9	805	S	4'EWLL	2'SNLL	5.5
409	S	1'SNLL	3'EWLL	4.4	806	S	3'SNLL	5'EWLL	5.9
410	S	5'SNLL	6'EWLL	4.0	807	D	8'WEC	9'SNC	9.2
411	S	2'EWLL	3'SNLL	4.4	808	S	3'SNLL	4'EWLL	6.4
412	S	3'EWLL	87'NNC	5.5	809	S	27'EWLL	3'SNLL	5.9
413	D	7'WEC	13'SNLL	12.3	810	D	27'WEC	8'SNC	7.2
414	D	9'WEC	14'SNLL	12.0	811	D	10'WELL	9'SNC	3.8
415	S	3'EWLL	SLL	5.2	812	D	13'WEC	1'SNC	6.8
416	S	5'EWLL	2'SNLL	7.3	813	S	51'SNLL	8'WEC	8.1
417	D	200'EEC	10'SNC	3.9	814	S	5'WELL	7'SNC	5.7
418	S	4'EWLL	4'SNLL	6.8	815	S	2'EWLL	7'SNC	7.1
419	D	13'SNC	17'EWPL5171	9.5	901	D	14'WELL	9'SNC	9.3
420	S	19'EWLL	5'SNLL	~	902	D	16'WEC	9'SNC	9.9
421	S	5'SNLL	8'WEC	4.6	903	S	9'EWLL	2'SNPL	5.1
422	S	?	?	0.0	904	S	6'EWLL	3'SNPL	5.6
501	D	8'WEC	8'SNC	8.8	905	S	12'WEC	3'SNPL	11.1
502	D	17'EWLL	8'SNC	8.7	906	S	12'WEC	2'SNPL	10.9
503	S	8'WEC	8'SNC	5.1	907	D	2'SNPL	5'WELL	4.5
504	S	7'EWLL	7'SNLL	8.7	908	D	17'WEC	13'SNC	9.4
505	S	5'EWLL	2'SNLL	5.3	909	S	26'EWLL	2'SNPL	5.0
506	S	7'SNLL	2'EWLL	7.5	910	D	11'NSLL	11.0	9.1
507	S	3'EWLL	3'SNLL	6.3	911	D	8'SNC	~	9.1
508	S	5'SNLL	4'EWLL	7.0	912	D	~	~	~
509	S	3'SNLL	3'EWLL	6.9					
510	D	5'SSC	13'WEC	8.4					
511	D	24'SNC	28'WEC	8.8					
512	S	47'EWLL	1'SNLL	4.3					
513	S	5'SNLL	2'EWLL	4.3					
514	D	10'SNC	9'WEC	8.6					
515	S	2'EWLL	13'SNC	6.11					
516	S	9'WELL	12'SNC	7.2					
517	S	3'SNLL	8'WEC	7.6					
518	S	2'SNLL	7'WEC	7.9					
519	D	28'SNC	19'WEC	12.2					
601	S	10'SNLL	8'WELL	~					
602	S	4'SNLL	26'EWLL	5.4					
603	D	10'SNC	15'EWLL	3.8					
604	S	3'SNLL	34'EWLL	5.2					
605	S	3'EWLL	4'SNLL	6.4					
606	D	9'SNC	9'WEC	8.5					
607	S	3'EELL	10'NNC	7.0					
608	D	10'SNC	8'WEC	8.0					
609	S	2'SNLL	9'NNC	6.0					
610	S	11'WEC	9'SNC	7.4					
611	D	8'WEC	15'SNC	7.5					
612	D	10'WEC	15'SNC	4.2					
613	S	11'WEC	6'NNC	5.6					
614	D	28'WELL	10'SNC	4.5					
615	S	2'EWLL	SLL	4.6					
616	S	2'SNLL	27'WELL	7.2					
617	S	8'SNLL	8'WEC	6.3					
701	S	4'SNLL	4'EWLL	4.0					
702	S	18'NSPL	3'EWPL	4.7					
703	S	118'WEC	9'SNC	4.3					
704	D	21'NDC	16'WEC	5.5					
705	D	32'SNC	16'WEC	~					
706	D	9'SNC	9'WEC	3.0					
707	D	24'SNC	5'WEL(S)	4.0					
708	D	32'SNC	16'WEC	9.4					
709	D	9'SNC	38'EW	7.9					



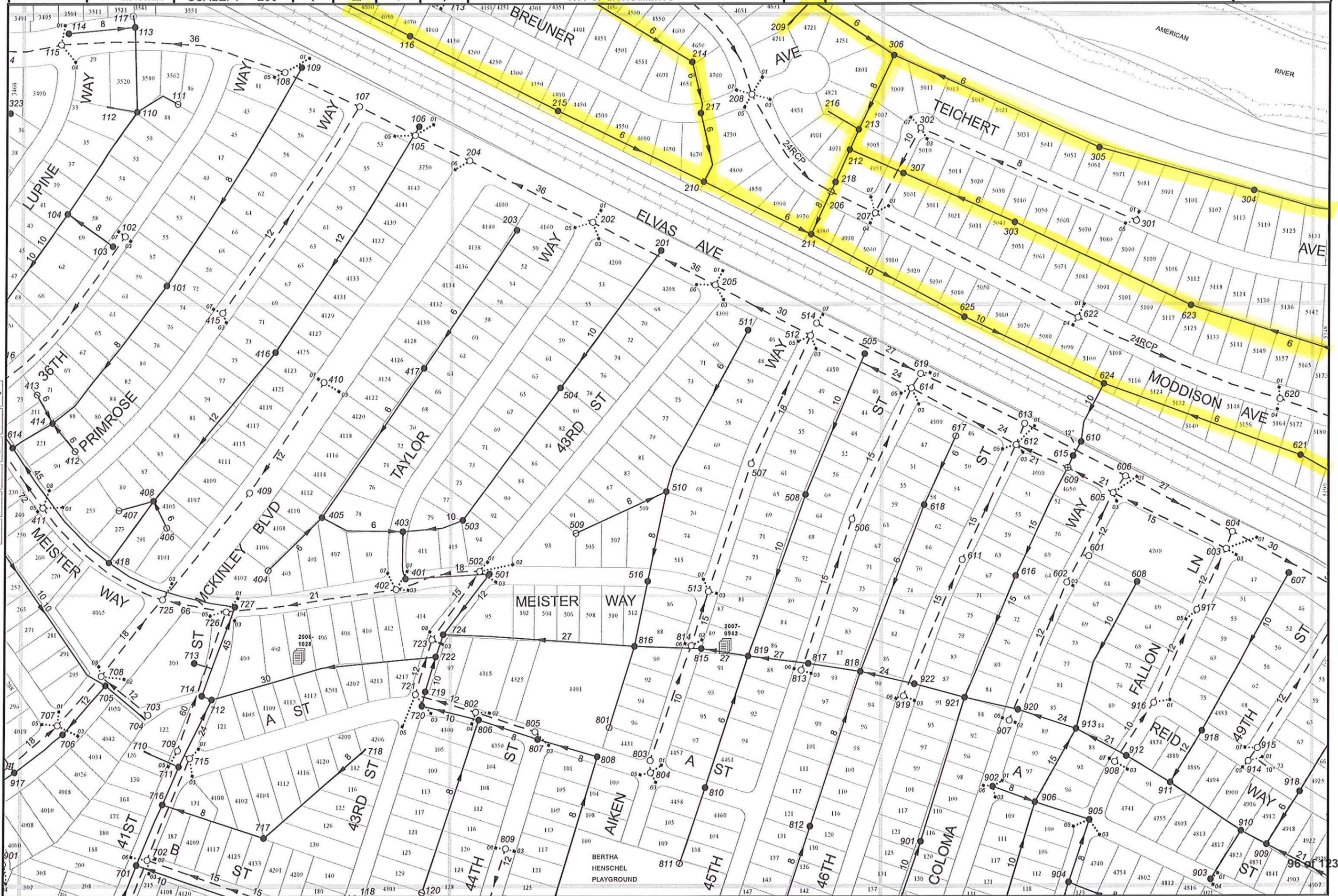
- ONLINE LINKS
- T-MAINS MAP
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Id	Type	Upper	Lower	Depth
101	S	5'EWLL	2'SNLL	8.3
401	S	5'SNLL	2'EWLL	6.3
402	S	11'EWLL	9'SNPL	5.0
403	S	3'SNPL	7'WELL	5.2
404	D	14'NSC	2'WELL	7.7
405	D	18'EWL	15'NSC	7.6
406	D	19'EWLL	14'NSC	9.0
407	S	24'SNLL	1'EWLL	4.1
408	S	40'SNLL	1'EWLL	4.1
409	D	10'EWL	14'NSC	9.1
410	S	3'EWLL	3'SNLL	5.0
411	S	32'W MH	2'SNLL	5.0
412	S	3'SNLL	57'NNC	5.5
413	S	10'EWLL	7'SNPL	6.4
414	S	3'SNPL	2'WELL	5.0
702	D	12'NSC	8'WEC	9.0
703	D	10'SNC	97'WWC	4.4
704	D	22'NSC	9'EWL	5.6
705	S	7'NSLL	2'EWLL	5.2
706	D	10'SNC	10'EWL	7.0
707	D	187'NNC	10'EWL	4.0
708	S	5'SNLL	3'EWLL	~
709	S	1'SNPL	18'WELL	4.8
710	S	1'SNPL	3'WELL	5.0
711	S	9'NSLL	3'WELL	5.1
712	D	9'WEC	9'SNC	6.0
713	D	9'SNC	16'EWL	4.8
714	S	78'EEC	2'SNLL	5.0
715	S	2'SNLL	2'WofPOLE LINE	~
716	S	3'SNPL	3'SNPL	5.0
717	S	16'NSPL	2'EWLL	5.2
718	S	~	~	~
719	S	~	~	~
720	S	~	~	~
721	S	~	~	~
801	S	6' SNPL	3' WELL	5.0
802	D	24' EWLL	12' NSC	10.7
803	S	8'SNPL	9'EWLL	7.0
804	S	16'EWLL	6'SNLL	9.9 IN SHED
805	S	3'SNP	2EWLL	6.6
806	S	2'WELL	3'SNLL	~
807	S	52'NSPL	2'WELL	7.1
808	S	3'WELL	1'NSPL	8.0



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Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth	Id	Type	Upper	Lower	Depth
101	S	3'EWPL	2'SNLL	5.2	603	D	26'NSC	16'EWEC	8.8	909	C	5'NSLL	3'EWLL	11.5
102	D	10'WEC	8'NSPL	4.7	604	D	32'NSC	16'EWEC	8.6	910	S	13'WELL	4'NSPL	11.1
103	S	2'SNLL	8'EWEC	~	605	D	27'NSC	15'EWEC	8.1	911	S	3'EWPL	4'NSPL	10.6
104	S	2'EWPL	2'SNLL	5.2	606	D	48'NSC	15'WEC	7.3	912	S	156'NSC	7'WEC	9.2
105	D	128' EEC	27' NSC	13.1	607	S	139'WWC	23'SNC	4.5	913	S	4'NSLL	4'EWLL	10.3
106	S	121'W/MH	17'NSC	~	608	S	137'EEC	6'NSPL	5.5	914	D	9'NSC	9'WEC	3.3
107	D	7' WEC	27' NSC	13.0	609	D	2'WLL	27'NSC	8.2	915	D	15'SNC	16'EWEC	5.4
108	D	150' WWC	27' NSC	13.3	610	S	116'WWC	4'NSC	8.2	916	D	15'SNC	16'EWEC	5.9
109	S	140'WWC	17'NSC	3.5	611	D	12'SNPL	16'WEC	8.2	917	D	4'SSC	16'EWEC	6.8
110	S	2' EWPL	1' SNLL	4.3	612	D	27'NSC	16'EWEC	8.1	918	S	117'EEC	9'NSC	~
111	S	2'SNLL	~	4.0	613	D	48'NSC	16'EWEC	6.6	918	S	~	~	~
112	S	3'SNLL	95'EEC	4.0	614	D	27'NSC	15'WEC	8.3	919	D	3'SSPL	16'EEC	3.6
113	S	4'EWLL	17'SNC	4.2	615	S	116'WWC	23'SNC	8.6	920	S	179'NSC	8'WEC	8.7
114	S	19'WEC	17'SNC	3.7	616	S	1'NSLL	4'EWLL	11.7	921	S	1'EWPL	4'NSPL	10.7
115	D	27'WEC	27'NSC	12.8	617	S	5'NSLL	3'EWLL	~	922	S	8'WEC	2'NSLL	8.6
116	S	14'NSPL	2'WELL	7.2	618	S	1'NSPL	2'EWPL	9.0					
117	S	~	~	~	619	D	49'NSC	15'WEC	5.8					
201	S	163'W/MH	20'SNC	5.1	620	D	12' NSC	28 EWLL	10.9					
202	D	8'EWEC	27'NSC	10.6	621	S	2' WELL	18' NSPL	8.4					
203	S	4'NSLL	4'NSLL	3.5	622	D	12' EWLL	12' NSC	10.7					
204	D	25'WWC	27'NSC	12.1	623	S	3' SNPL	WLL	5.4					
205	D	14' EWC	27' NSC	9.3	624	S	13' SNPL	27' EWPL	8.4					
206	D	12' NSC	4' EWLL	10.3	701	D	13'WEC	7' WEC	12.6					
207	D	14' EWLL	14' NSC	10.4	702	D	9' SNC	7' WEC	7.5					
208	D	13'WEC	11'NSC	10.4	703	D	129'E/MH	15'NSPL	4.1					
209	S	3' SNLL	4' WELL	5.0	704	S	~	~	~					
210	S	13' NSPL	3' WELL	11.1	705	S	10'NSC	2'WWPL	7.5					
211	S	2' EWLL	13' NSLL	11.0	706	S	9'NSC	9'WEC	7.4					
212	S	2' EWLL	3' SNPL	10.9	707	D	8'EWEC	16'SNC	8.3					
213	S	2'SNLL	2'EWLL	5.0	708	D	11'EWEC	8'NSC	9.3					
214	S	40' EWLL	1' SP1	9.1	709	D	35'NSC	8'EWEC	14.0					
215	S	13' NSPL	12' WELL	8.9	710	S	10'WWC	1'SNLL	~					
216	S	2'WELL	3'SNLL	5.0	711	S	29'NSC	13'WEC	7.8					
217	S	110'WWC	13'SNC	7.4	712	S	209'S/MH	12'WEC	10.2					
218	S	~	~	~	713	S	121'SSC	8'WWC	4.6					
301	D	21'EWLL	10'NSC	4.1	714	S	213'S OF MH	12'WEC	10.8					
302	D	2'SNLL	10'WEC	7.1	715	D	18'NSC	7'WEC	13.9					
303	S	3' SNPL	ELL	6.6	716	S	13'WEC	131'NSC-B ST	7.7					
304	S	3' WELL	8' SNPL	7.6	717	S	6'NSLL	3'EWPL	5.8					
305	S	22' EWLL	8' SNPL	8.1	718	S	4'NSLL	4'EWLL	4.0					
306	S	3'EWLL	7'SNPL	10.0	719	S	12'SNC	23'EWEC	5.4					
307	S	~	~	6.6	720	S	8'WEC	6'SSC	5.3					
401	S	8'NSC	5'WEC	8.9	721	D	12'SNC	16'EWEC	4.8					
402	D	8'NSC	6'WEC	~	722	S	46'S OF MH	10'WEC	10.1					
403	S	124'N/MH	9'WEC	8.4	723	D	150'NSC	15'WEC	5.0					
404	S	58'NSC	3'WELL	~	724	S	160'S/MH	12'WEC	9.9					
405	S	3'SNPL	2'EWPL	6.3	725	D	9'NSC	11'EWEC	15.1					
406	S	7' SNLL	6' EWLL	4.0	726	D	11' NSC	6' EWC	14.1					
407	S	10' SNLL	3' WELL	4.0	727	D	13'EWEC	12'SNC	~					
408	S	2' EWPL	1'SNPL	10.9	801	S	5'SNLL	1'EWPL	6.0					
409	D	11'EWEC	1'NSPL	6.0	802	D	124'EEC	17'SNC	5.4					
410	D	11'EWEC	9'NPL	4.2	803	D	16'EWEC	15'SNC	3.5					
411	D	8'EWEC	16'NSC	15.6	804	D	9'WEC	9'NSC	3.4					
412	S	9'SNLL	1'WELL	4.0	805	D	10'EWEC	16'SNC	4.9					
413	S	2'WELL	1'SNLL	4.0	806	S	132' WWC	9' NSC	4.1					
414	S	2'SNPL	1'EWPL	6.4	807	S	8'WEC	9'NSC	4.3					
415	D	10'WEC	7'SNPL	4.7	808	S	9'NSC	118'WWC	3.3					
416	S	3'EWPL	3'SNLL	10.0	809	D	148'NSC	10'EWEC	4.1					
417	S	3'SNLL	3'EWPL	5.3	810	S	3'SNLL	1'EWLL	7.0					
418	S	~	~	0.0	811	S	112'WWC	2'SNPL	7.0					
501	S	12'WEC	8'NSC	10.3	812	S	16'SNLL	3'EWLL	4.0					
502	D	17' SNC	10' EWC	7.8	813	D	3'SSPL	16'EWEC	3.6					
503	S	2'SNPL	2'SNPL	9.1	814	D	19'SSLL	16'WEC	3.5					
504	S	3'EWPL	3'SNPL	7.5	815	S	122'SSC	8'WEC	9.3					
505	S	24'SNC	115'WEC	4.6	816	S	9'NSLL	1'EWLL	11.0					
506	D	25'NSP	15'WEC	8.8	817	S	9'WEC	7'NSLL	8.6					
507	D	23'SNPL	16'EWEC	7.6	818	S	1'EWPL	5'NSPL	11.4					
508	S	2'SNLL	4'EWLL	10.3	819	S	3'EWLL	6'NSLL	11.3					
509	S	4'WELL	4'SNLL	6.0	901	C	2'EWLL	24'NSLL	4.6					
510	S	3'EWLL	1'SNLL	10.3	902	C	8'WEC	10'NSC	4.7					
511	S	16'NSPL	1'EWPL	5.0	903	C	5'WELL	8'SNC	4.0					
512	D	5'WEC	28'NSC	8.3	904	C	133'SSC	10'WEC	7.8					
513	D	16'WEC	16'WEC	5.6	905	S	8'NSC	10'WEC	6.3					
514	D	49'NSC	1' NSC	9	906	S	115'EEC	115'EEC	6.1					
516	S	3' EWPL	3' EWPL	3.2	907	D	5'SSLL	16'WEC	3.7					
602	D	7'SSC	16'WEC	7.8	908	D	3'NSLL	16'EWEC	4.7					

EXHIBIT B

NONPROFESSIONAL SERVICES AGREEMENT

FEE SCHEDULE/MANNER OF PAYMENT

1. **CONTRACTOR's Compensation.** The total of all fees paid to the CONTRACTOR for the performance of all services set forth in Exhibit A, including normal revisions (hereafter the "Services"), and for all authorized Reimbursable Expenses, shall not exceed the total sum of \$ 70,656.20.
2. **Billable Rates.** CONTRACTOR shall be paid for the performance of Services on an hourly rate, daily rate, flat fee, lump sum or other basis, as set forth in Attachment 1 to Exhibit B, attached hereto and incorporated herein. *[Attach list of billable rates that apply, labeled "Attachment 1 to Exhibit B".]*
3. **CONTRACTOR's Reimbursable Expenses.** Reimbursable Expenses shall be limited to actual expenditures of CONTRACTOR for expenses that are necessary for the proper completion of the Services and shall only be payable if specifically authorized in advance by CITY.
4. **Payments to CONTRACTOR.**
 - A. Payments to CONTRACTOR shall be made within a reasonable time after receipt of CONTRACTOR's invoice, said payments to be made in proportion to services performed or as otherwise specified in Attachment 1 to Exhibit B. CONTRACTOR may request payment on a monthly basis. CONTRACTOR shall be responsible for the cost of supplying all documentation necessary to verify the monthly billings to the satisfaction of CITY.
 - B. All invoices submitted by CONTRACTOR shall contain the following information:
 - (1) Job Name
 - (2) Description of services billed under this invoice, and overall status of project
 - (3) Date of Invoice Issuance
 - (4) Sequential Invoice Number
 - (5) CITY's Purchase Order Number
 - (6) Total Contract Amount
 - (7) Amount of this Invoice (Itemize all Reimbursable Expenses)
 - (8) Total Billed to Date
 - (9) Total Remaining on Contract
 - (10) Updated project schedule. This shall identify those steps that shall be taken to bring the project back on schedule if it is behind schedule.
 - C. Items shall be separated into Services and Reimbursable Expenses. Billings that do not conform to the format outlined above shall be returned to CONTRACTOR for correction. CITY shall not be responsible for delays in payment to CONTRACTOR resulting from CONTRACTOR's failure to comply with the invoice format described below.

D. Requests for payment shall be sent to:

CITY OF SACRAMENTO
DEPARTMENT OF UTILITIES
1395 35th AVE, SACRAMENTO, CA 95822
916-808-1400/Fax:916-808-1497

Attn: RENEE GRAVES

5. **Additional Services.** Additional Services are those services related to the scope of services of CONTRACTOR set forth in Exhibit A but not anticipated at the time of execution of this Agreement. Additional Services shall be provided only when a Supplemental Agreement authorizing such Additional Services is approved by CITY in accordance with CITY's Supplemental Agreement procedures. CITY reserves the right to perform any Additional Services with its own staff or to retain other contractors to perform said Additional Services.
6. **Accounting Records of CONTRACTOR.** During performance of this Agreement and for a period of three (3) years after completing all Services and Additional Services hereunder, CONTRACTOR shall maintain all accounting and financial records related to this Agreement, including, but not limited to, records of CONTRACTOR's costs for all Services and Additional Services performed under this Agreement and records of CONTRACTOR's Reimbursable Expenses, 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.
7. **Taxes.** CONTRACTOR shall pay, when and as due, any and all taxes incurred as a result of CONTRACTOR's compensation hereunder, including estimated taxes, and shall provide CITY with proof of such payment upon request. CONTRACTOR hereby agrees to indemnify CITY for any claims, losses, costs, fees, liabilities, damages or injuries suffered by CITY arising out of CONTRACTOR's breach of this Section 7.

**ATTACHEMENT 1 TO EXHIBIT B
NONPROFESIONAL SERVICES AGREEMENT
FEE SCHEDULE/MANNER OF PAYMENT**

The work herein described is to be performed in strict conformity with the Scope of Services, at the unit prices listed below. Unit price shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in applying the herbicide Vaporooter II to sewer pipes.

Item No.	Description	Estimated Quantity	Unit	Unit Price	Total
1	6-inch Pipe	53,220	LF	\$ 1.03	\$ 54,816.60
2	8-inch Pipe	10,855	LF	\$ 1.03	\$ 11,180.65
3	10-inch Pipe	2,415	LF	\$ 1.03	\$ 2,487.45
4	12-inch Pipe	970	LF	\$ 1.20	\$ 1,164.00
5	15-inch Pipe	775	LF	\$ 1.30	\$ 1,007.50

Total Contract Amount: \$ 70,656.20

EXHIBIT C

NONPROFESSIONAL SERVICES AGREEMENT

FACILITIES AND EQUIPMENT TO BE PROVIDED BY CITY

CITY shall [check one] Not furnish any facilities or equipment for this Agreement; or
 furnish the following facilities or equipment for the Agreement [*list, if applicable*]:

**EXHIBIT D
NONPROFESSIONAL SERVICES AGREEMENT**

GENERAL PROVISIONS

1. Independent Contractor.

- A. It is understood and agreed that CONTRACTOR (including CONTRACTOR's employees) is an independent contractor and that no relationship of employer-employee exists between the parties hereto for any purpose whatsoever. Neither CONTRACTOR nor CONTRACTOR's assigned personnel shall be entitled to any benefits payable to employees of CITY. CITY is not required to make any deductions or withholdings from the compensation payable to CONTRACTOR under the provisions of this Agreement, and CONTRACTOR shall be issued a Form 1099 for its services hereunder. As an independent contractor, CONTRACTOR hereby agrees to indemnify and hold CITY harmless from any and all claims that may be made against CITY based upon any contention by any of CONTRACTOR's employees or by any third party, including but not limited to any state or federal agency, that an employer-employee relationship or a substitute therefor exists for any purpose whatsoever by reason of this Agreement or by reason of the nature and/or performance of any Services under this Agreement. (As used in this Exhibit D, the term "Services" shall include both Services and Additional Services as such terms are defined elsewhere in this Agreement.)
- B. It is further understood and agreed by the parties hereto that CONTRACTOR, in the performance of its obligations hereunder, is subject to the control and direction of CITY as to the designation of tasks to be performed and the results to be accomplished under this Agreement, but not as to the means, methods, or sequence used by CONTRACTOR for accomplishing such results. To the extent that CONTRACTOR obtains permission to, and does, use CITY facilities, space, equipment or support services in the performance of this Agreement, this use shall be at the CONTRACTOR's sole discretion based on the CONTRACTOR's determination that such use will promote CONTRACTOR's efficiency and effectiveness. Except as may be specifically provided elsewhere in this Agreement, the CITY does not require that CONTRACTOR use CITY facilities, equipment or support services or work in CITY locations in the performance of this Agreement.
- C. If, in the performance of this Agreement, any third persons are employed by CONTRACTOR, such persons shall be entirely and exclusively under the direction, supervision, and control of CONTRACTOR. Except as may be specifically provided elsewhere in this Agreement, all terms of employment, including hours, wages, working conditions, discipline, hiring, and discharging, or any other terms of employment or requirements of law, shall be determined by CONTRACTOR. It is further understood and agreed that CONTRACTOR shall issue W-2 or 1099 Forms for income and employment tax purposes, for all of CONTRACTOR's assigned personnel and subcontractors.
- D. The provisions of this Section 1 shall survive any expiration or termination of this Agreement. Nothing in this Agreement shall be construed to create an exclusive relationship between CITY and CONTRACTOR. CONTRACTOR may represent, perform services for, or be employed by such additional persons or companies as CONTRACTOR sees fit provided that CONTRACTOR does not violate the provisions of Section 5, below.

2. **Licenses; Permits, Etc.** CONTRACTOR represents and warrants that CONTRACTOR has all licenses, permits, City Business Operations Tax Certificate, qualifications, and approvals of whatsoever nature that are legally required for CONTRACTOR to practice its profession or provide any services under the Agreement. CONTRACTOR represents and warrants that CONTRACTOR shall, at its sole cost and expense, keep in effect or obtain at all times during the term of this Agreement any licenses, permits, and approvals that are legally required for CONTRACTOR to practice its profession or provide such Services. Without limiting the generality of the foregoing, if CONTRACTOR is an out-of-state corporation, CONTRACTOR warrants and represents that it possesses a valid certificate of qualification to transact business in the State of California issued by the California Secretary of State pursuant to Section 2105 of the California Corporations Code.
3. **Time.** CONTRACTOR shall devote such time and effort to the performance of Services pursuant to this Agreement as is necessary for the satisfactory and timely performance of CONTRACTOR's obligations under this Agreement. Neither party shall be considered in default of this Agreement, to the extent that party's performance is prevented or delayed by any cause, present or future, that is beyond the reasonable control of that party.
4. **CONTRACTOR Not Agent.** Except as CITY may specify in writing, CONTRACTOR and CONTRACTOR's personnel shall have no authority, express or implied, to act on behalf of CITY in any capacity whatsoever as an agent. CONTRACTOR and CONTRACTOR's personnel shall have no authority, express or implied, to bind CITY to any obligations whatsoever.
5. **Conflicts of Interest.** CONTRACTOR covenants that neither it, nor any officer or principal of its firm, has or shall acquire any interest, directly or indirectly, that would conflict in any manner with the interests of CITY or that would in any way hinder CONTRACTOR's performance of Services under this Agreement. CONTRACTOR further covenants that in the performance of this Agreement, no person having any such interest shall be employed by it as an officer, employee, agent or subcontractor, without the written consent of CITY. CONTRACTOR agrees to avoid conflicts of interest or the appearance of any conflicts of interest with the interests of CITY at all times during the performance of this Agreement. If CONTRACTOR is or employs a former officer or employee of the CITY, CONTRACTOR and any such employee(s) shall comply with the provisions of Sacramento City Code Section 2.16.090 pertaining to appearances before the City Council or any CITY department, board, commission or committee.
6. **Confidentiality of CITY Information.** During performance of this Agreement, CONTRACTOR may gain access to and use CITY information regarding inventions, machinery, products, prices, apparatus, costs, discounts, future plans, business affairs, governmental affairs, processes, trade secrets, technical matters, systems, facilities, customer lists, product design, copyright, data, and other vital information (hereafter collectively referred to as "City Information") that are valuable, special and unique assets of the CITY. CONTRACTOR agrees to protect all City Information and treat it as strictly confidential, and further agrees that CONTRACTOR shall not at any time, either directly or indirectly, divulge, disclose or communicate in any manner any City Information to any third party without the prior written consent of CITY. In addition, CONTRACTOR shall comply with all CITY policies governing the use of the CITY network and technology systems, as set forth in applicable provisions of the City of Sacramento Administrative Policy Instructions # 30. A violation by CONTRACTOR of this Section 6 shall be a material violation of this Agreement and shall justify legal and/or equitable relief.

7. CONTRACTOR Information.

- A. CITY shall have full ownership and control, including ownership of any copyrights, of all information prepared, produced, or provided by CONTRACTOR pursuant to this Agreement. In this Agreement, the term “information” shall be construed to mean and include: any and all work product, submittals, reports, plans, specifications, and other deliverables consisting of documents, writings, handwritings, typewriting, printing, photostating, photographing, computer models, and any other computerized data and every other means of recording any form of information, communications, or representation, including letters, works, pictures, drawings, sounds, or symbols, or any combination thereof. CONTRACTOR shall not be responsible for any unauthorized modification or use of such information for other than its intended purpose by CITY.
- B. CONTRACTOR shall fully defend, indemnify and hold harmless CITY, its officers and employees, and each and every one of them, from and against any and all claims, actions, lawsuits or other proceedings alleging that all or any part of the information prepared, produced, or provided by CONTRACTOR pursuant to this Agreement infringes upon any third party’s trademark, trade name, copyright, patent or other intellectual property rights. CITY shall make reasonable efforts to notify CONTRACTOR not later than ten (10) days after CITY is served with any such claim, action, lawsuit or other proceeding, provided that CITY’s failure to provide such notice within such time period shall not relieve CONTRACTOR of its obligations hereunder, which shall survive any termination or expiration of this Agreement.
- C. All proprietary and other information received from CONTRACTOR by CITY, whether received in connection with CONTRACTOR’s proposal to CITY or in connection with any Services performed by CONTRACTOR, will be disclosed upon receipt of a request for disclosure, pursuant to the California Public Records Act; provided, however, that, if any information is set apart and clearly marked “trade secret” when it is provided to CITY, CITY shall give notice to CONTRACTOR of any request for the disclosure of such information. The CONTRACTOR shall then have five (5) days from the date it receives such notice to enter into an agreement with the CITY, satisfactory to the City Attorney, providing for the defense of, and complete indemnification and reimbursement for all costs (including plaintiff’s attorney fees) incurred by CITY in any legal action to compel the disclosure of such information under the California Public Records Act. The CONTRACTOR shall have sole responsibility for defense of the actual “trade secret” designation of such information.
- D. The parties understand and agree that any failure by CONTRACTOR to respond to the notice provided by CITY and/or to enter into an agreement with CITY, in accordance with the provisions of subsection C, above, shall constitute a complete waiver by CONTRACTOR of any rights regarding the information designated “trade secret” by CONTRACTOR, and such information shall be disclosed by CITY pursuant to applicable procedures required by the Public Records Act.

8. Standard of Performance. CONTRACTOR shall perform all Services required pursuant to this Agreement in the manner and according to the standards currently observed by a competent practitioner of CONTRACTOR’s profession in California. All products of whatsoever nature that CONTRACTOR delivers

to CITY pursuant to this Agreement shall be prepared in a professional manner and conform to the standards of quality normally observed by a person currently practicing in CONTRACTOR's profession, and shall be provided in accordance with any schedule of performance specified in Exhibit A. CONTRACTOR shall assign only competent personnel to perform Services pursuant to this Agreement. CONTRACTOR shall notify CITY in writing of any changes in CONTRACTOR's staff assigned to perform the Services required under this Agreement, prior to any such performance. In the event that CITY, at any time during the term of this Agreement, desires the removal of any person assigned by CONTRACTOR to perform Services pursuant to this Agreement, because CITY, in its sole discretion, determines that such person is not performing in accordance with the standards required herein, CONTRACTOR shall remove such person immediately upon receiving notice from CITY of the desire of CITY for the removal of such person.

9. Term; Suspension; Termination.

- A. This Agreement shall become effective on the date that it is approved by both parties, set forth on the first page of the Agreement, and shall continue in effect until both parties have fully performed their respective obligations under this Agreement, unless sooner terminated as provided herein.
- B. CITY shall have the right at any time to temporarily suspend CONTRACTOR's performance hereunder, in whole or in part, by giving a written notice of suspension to CONTRACTOR. If CITY gives such notice of suspension, CONTRACTOR shall immediately suspend its activities under this Agreement, as specified in such notice.
- C. CITY shall have the right to terminate this Agreement at any time by giving a written notice of termination to CONTRACTOR. If CITY gives such notice of termination, CONTRACTOR shall immediately cease rendering Services pursuant to this Agreement. If CITY terminates this Agreement:
 - (1) CONTRACTOR shall, not later than five days after such notice of termination, deliver to CITY copies of all information prepared pursuant to this Agreement.
 - (2) CITY shall pay CONTRACTOR the reasonable value of Services rendered by CONTRACTOR prior to termination; provided, however, CITY shall not in any manner be liable for lost profits that might have been made by CONTRACTOR had the Agreement not been terminated or had CONTRACTOR completed the Services required by this Agreement. In this regard, CONTRACTOR shall furnish to CITY such financial information as in the judgment of the CITY is necessary for CITY to determine the reasonable value of the Services render by CONTRACTOR. The foregoing is cumulative and does not affect any right or remedy that CITY may have in law or equity.

10. Indemnity.

- A. Indemnity: CONTRACTOR shall defend, hold harmless and indemnify CITY, its officers and employees, 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, 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 this Agreement by 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 any damage or expense for death or bodily injury to persons or damage to property to the extent arising from the sole negligence or willful misconduct of CITY, its agents, servants, or independent contractors who are directly responsible to CITY, except when such agents, servants, or independent contractors are under the direct supervision and control of CONTRACTOR.

- B. Insurance Policies; Intellectual Property Claims: 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 10, nor shall the limits of such insurance limit the liability of CONTRACTOR hereunder. This Section 10 shall not apply to any intellectual property claims, actions, lawsuits or other proceedings subject to the provisions of Section 7.B., above. The provisions of this Section 10 shall survive any expiration or termination of this Agreement.

- 11. Insurance Requirements.** During the entire term of this Agreement, CONTRACTOR shall maintain the insurance coverage described in this Section 11.

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 the Services provided by CONTRACTOR under this Agreement. 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 or carried by the CONTRACTOR in connection with this Agreement.

A. Minimum Scope & 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.

No automobile liability insurance shall be required if CONTRACTOR completes the following certification:

"I certify that a motor vehicle will not be used in the performance of any work or services under this agreement." _____ (CONTRACTOR initials)

- (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 for contracts involving construction or maintenance, or if required by the CITY by selecting the option below:

Workers' Compensation waiver of subrogation in favor of the City is required for all work performed by the CONTRACTOR.

No Workers' Compensation insurance shall be required if CONTRACTOR completes the following certification:

"I certify that my business has no employees, and that I do not employ anyone. I am exempt from the legal requirements to provide Workers' Compensation insurance." _____ (CONTRACTOR initials)

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 for contracts involving construction or maintenance, or if required by the CITY by selecting the option below:

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 11 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 named in Exhibit A. 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 this Agreement 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 Agreement 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.

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

- A. Compliance With Regulations: CONTRACTOR shall comply with the Executive Order 11246 entitled "Equal Opportunity in Federal Employment", as amended by Executive Order 11375 and 12086, and as supplemented in Department of Labor regulations (41 CFR Chapter 60), hereinafter collectively referred to as the "Regulations".
- B. Nondiscrimination: CONTRACTOR, with regards to the work performed by it after award and prior to completion of the work pursuant to this Agreement, shall not discriminate on the ground of race, color, religion, sex, national origin, age, marital status, physical handicap or sexual orientation in selection and retention of subcontractors, including procurement of materials and leases of equipment. CONTRACTOR shall not participate either directly or indirectly in discrimination prohibited by the Regulations.
- C. Solicitations for Subcontractors, Including Procurement of Materials and Equipment: In all solicitations either by competitive bidding or negotiations made by CONTRACTOR for work to be performed under any subcontract, including all procurement of materials or equipment, each potential subcontractor or supplier shall be notified by CONTRACTOR of CONTRACTOR's obligation under this Agreement and the Regulations relative to nondiscrimination on the ground of race, color, religion, sex, national origin, age, marital status, physical handicap or sexual orientation.
- D. Information and Reports: CONTRACTOR shall provide all information and reports required by the Regulations, or by any orders or instructions issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information and its facilities as may be determined by the CITY to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of CONTRACTOR is in the exclusive possession of another who fails or refuses to furnish this information, CONTRACTOR shall so certify to the CITY, and shall set forth what efforts it has made to obtain the information.
- E. Sanctions for Noncompliance: In the event of noncompliance by CONTRACTOR with the nondiscrimination provisions of this Agreement, the CITY shall impose such sanctions as it may determine to be appropriate including, but not limited to:
- (1) Withholding of payments to CONTRACTOR under this Agreement until CONTRACTOR complies;
 - (2) Cancellation, termination, or suspension of the Agreement, in whole or in part.
- F. Incorporation of Provisions: CONTRACTOR shall include the provisions of subsections A through E, above, in every subcontract, including procurement of materials and leases of equipment, unless exempted by the Regulations, or by any order or instructions issued pursuant thereto. CONTRACTOR shall take such action with respect to any subcontract or procurement as the CITY may direct as a means of enforcing such provisions including sanctions for noncompliance; provided, however, that in the event CONTRACTOR becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, CONTRACTOR may request CITY to enter such litigation to protect the interests of CITY.

13. **Entire Agreement.** This document, including all Exhibits, contains the entire agreement between the parties and supersedes whatever oral or written understanding they may have had prior to the execution of this Agreement. No alteration to the terms of this Agreement shall be valid unless approved in writing by CONTRACTOR, and by CITY, in accordance with applicable provisions of the Sacramento City Code.
14. **Severability.** If any portion of this Agreement or the application thereof to any person or circumstance shall be held invalid or unenforceable, the remainder of this Agreement shall not be affected thereby and shall be enforced to the greatest extent permitted by law.
15. **Waiver.** Neither CITY acceptance of, or payment for, any Service or Additional Service performed by CONTRACTOR, nor any waiver by either party of any default, breach or condition precedent, shall be construed as a waiver of any provision of this Agreement, nor as a waiver of any other default, breach or condition precedent or any other right hereunder.
16. **Enforcement of Agreement.** This Agreement shall be governed, construed and enforced in accordance with the laws of the State of California. Venue of any litigation arising out of or connected with this Agreement shall lie exclusively in the state trial court or Federal District Court located in Sacramento County in the State of California, and the parties consent to jurisdiction over their persons and over the subject matter of any such litigation in such courts, and consent to service of process issued by such courts.
17. **Assignment Prohibited.** The expertise and experience of CONTRACTOR are material considerations for this Agreement. CITY has a strong interest in the qualifications and capability of the persons and entities that will fulfill the obligations imposed on CONTRACTOR under this Agreement. In recognition of this interest, CONTRACTOR shall not assign any right or obligation pursuant to this Agreement without the written consent of the CITY. Any attempted or purported assignment without CITY's written consent shall be void and of no effect.
18. **Binding Effect.** This Agreement shall be binding on the heirs, executors, administrators, successors and assigns of the parties, subject to the provisions of Section 17, above.
19. **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 Contract or 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 Contract or Agreement.

EXHIBIT E

LIVING WAGE REQUIREMENTS (Nonprofessional Service Agreement)

The Living Wage Ordinance

The City of Sacramento's Living Wage Ordinance (the "LWO") is codified as Chapter 3.58 of the Sacramento City Code. The LWO requires certain firms that enter into agreements or contracts (all subsequent references to a "contract" or "contracts" will refer to both contracts and agreements) to provide certain services to or for the CITY, to pay a specified minimum level of compensation to their employees for time spent performing any work on the CITY contract. The LWO also applies to certain subcontractors.

The LWO applies to contracts entered into, amended, or renewed or extended at the CITY's discretion, on or after March 1, 2004 (the "LWO Effective Date").

Contracts and Contractors Covered by the LWO

Determining whether the LWO applies to a specific CITY contract, contractor or subcontractor, depends on whether the contract, contractor and/or subcontractor meet the criteria specified in the LWO for contract type, contract amount, contractor size (# of employees), subcontract amount and subcontractor size (# of employees). These criteria are summarized below.

Contract Type

The LWO applies only to contracts for Nonprofessional Services. Under the LWO, this includes contracts for any services of a nonprofessional character, including but not limited to tree trimming services, repair services for motor vehicles and office equipment, vehicle towing, and security services.

The LWO does not apply to: (1) Incidental services, such as delivery, installation or maintenance, that are provided under contracts for the purchase or lease of equipment, supplies, or other personal property; (2) contracts that are subject to CITY, state, or federal prevailing-wage requirements; (3) contracts for professional services (including but not limited to services rendered by engineers, architects, auditors, banks, consultants, actuaries and attorneys); and (4) contracts with nonprofit corporations that are organized under section 501 of the Internal Revenue Code and have fewer than 100 employees, whether full or part time.

Contract Amount

The LWO applies to contracts entered into or amended after the LWO Effective Date that provide compensation from the CITY of \$100,000 or more. In addition, the LWO applies to a contract entered into or amended after the LWO Effective Date that, by itself, does not reach this amount, if the aggregate value of that contract and of any other Nonprofessional Services contracts covered by the LWO that the CITY has awarded to the same person or firm within the previous 12 months, is \$100,000 or more. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE WHETHER THIS AGGREGATE VALUE IS \$100,000 OR MORE, AND TO NOTIFY THE CITY IN WRITING WHENEVER THIS IS THE CASE.

Contractor Size

The LWO only applies to a contractor that has at least 25 employees, working either full or part time. The number of employees that a contractor has is determined by adding the contractor's employees and the employees of any other person or entity deemed to be a "Related Person" under the LWO.^a

Subcontract Amount

The LWO applies to a subcontractor providing services under a covered contract if the amount of the subcontract is at least 25 % of the contract amount, without regard to the number of employees the subcontractor has.

Subcontractor Size

The LWO also applies to a subcontractor providing services under a covered contract if the subcontractor has at least 25 employees, working either full or part time, whether or not the amount of the subcontract is at least 25 % of the contract amount.

Payment of Living Wage to Covered Employees

If a contractor or subcontractor meets the criteria specified in the LWO for contract type, contract amount, contractor size, subcontract amount and/or subcontractor size, the contractor or subcontractor is deemed to be a "Covered Employer" under the LWO. The LWO requires a Covered Employer to provide specified minimum compensation to its employees who perform work directly related to the CITY contract (these employees are called "Covered Employees" under the LWO), for all hours the Covered Employees perform under the CITY contract.^b

^a The LWO provides that a person or entity is a Related Person when any of the following circumstances exists:

- (1) The person or entity and the contractor are both corporations, and (i) share a majority of members of their governing boards, or (ii) have two or more officers in common, or (iii) are controlled by the same majority shareholder or shareholders (control means more than 50% of the corporation's voting power), or (iv) are in a parent-subsidary relationship (such a relationship exists when one corporation directly or indirectly owns shares possessing more than 50% of another corporation's voting power); or
- (2) The person or entity otherwise controls and directs, or is controlled and directed by, the contractor, as determined by the City Manager.

^b A Covered Employee includes full-time, part-time, contingent, contract and temporary employees, but does not include: (1) individuals who participate in job-training-and-education programs that have, as their express purpose, the provision of basic job skills and education to participants, with the goal of earning a high-school-equivalency diploma and permanent employment; (2) student interns; (3) individuals participating in specialized-training programs; and (4) an employee whose term and conditions of employment are governed by a bona fide collective-bargaining agreement containing an express waiver of the LWO.

The minimum compensation required is as follows:

- (1) If health benefits are provided to Covered Employees and the Covered Employer's contribution for the benefits is at least \$1.50 for each hour, then the rates are as follows:
 - (a) During 2007, the greater of \$10.00 an hour or \$9.00 adjusted by the increase in the Consumer Price Index for All Urban Consumers, San Francisco/Oakland/San Jose area (1982--1984=100) from January 1, 2004, through December 31, 2006.
 - (b) For each year after 2007, the rate shall be based on the rate from the immediately preceding year adjusted by the increase in the Consumer Price Index for All Urban Consumers, San Francisco/Oakland/San Jose area (1982--1984=100) from January 1 through December 31 of the immediately preceding year.

- (2) If health benefits are not provided to Covered Employees or if health benefits are provided but the Covered Employer's contribution for the benefits is less than \$1.50 for each hour, then the rates are as follows:
 - (a) During 2007, the greater of \$11.50 an hour or \$10.50 adjusted by the increase in the Consumer Price Index for All Urban Consumers, San Francisco/Oakland/San Jose area (1982--1984=100) from January 1, 2004, through December 31, 2006.
 - (b) For each year after 2007, the rate shall be based on the rate from the immediately preceding year adjusted by the increase in the Consumer Price Index for All Urban Consumers, San Francisco/Oakland/San Jose area (1982--1984=100) from January 1 through December 31 of the immediately preceding year.

Notification to Covered Employees

The LWO requires a Covered Employer to give each existing employee and (at the time of hire) each new employee a copy of the following written notification:

This company may enter into a contract to perform services for the City of Sacramento. If you work on such a contract, then you are entitled to be paid a living wage for each hour so worked. For more information, see Chapter 3.58 of the Sacramento City Code, which can be viewed at www.cityofsacramento.org.

The LWO requires the above notification to be provided in each language spoken by 10% or more of the Covered Employer's workforce.

The LWO also requires a Covered Employer to inform all employees of their possible right to the federal Earned Income Credit (EIC), and to make available to those employees any forms required to secure advance EIC payments from the Covered Employer.

Subcontractor Compliance

A contractor is responsible for requiring all of its subcontractors who are covered by these requirements to comply with the provisions of the LWO, by including these requirements in all subcontracts covered by the LWO.

Other Provisions of the LWO

Use of Funds Paid Under CITY Contracts

Under the LWO, Covered Employers may not directly use CITY funds to persuade Covered Employees to support or oppose unionization, and Covered Employers may not directly use CITY funds to schedule or hold meetings related to union representation during the Covered Employees' working hours. These restrictions do not apply to expenditures made during good-faith collective bargaining or to expenditures required under bona fide collective-bargaining agreements.

No Reduction in Non-Wage Benefits

Under the LWO, Covered Employers may not fund any wage increases required by the LWO, nor shall Covered Employers otherwise respond to the enactment of the LWO, by reducing the health, insurance, pension, vacation, or other non-wage benefits of any of their employees.

No Retaliation

The LWO prohibits a Covered Employer from taking any adverse action against a Covered Employee because the Covered Employee does any of the following: (1) exercises or asserts his or her rights under the LWO; (2) informs or assists other Covered Employees concerning their rights and the Covered Employer's obligations under the LWO; (3) complains about the Covered Employer's failure to comply with the LWO; or (4) seeks to enforce the LWO.

No Reduction in Collective-Bargaining Wage Rates

The LWO does not require or authorize any Covered Employer to reduce wages set by a collective-bargaining agreement or required under any prevailing-wage law.

Violations and Monitoring

The LWO provides that any violation of the LWO by a CITY contractor constitutes a material breach of the contract, and authorizes the CITY to terminate the contract and pursue all available legal and equitable remedies. In order to monitor compliance, the LWO authorizes the CITY to require Covered Employers to verify their compliance with the LWO by submitting certified payroll records to the CITY, and to take such other steps as may be necessary for the CITY to determine whether the requirements of the LWO have been satisfied.

The LWO also includes provisions authorizing an employee or interested person to file a judicial action against a contractor or subcontractor for violation of the LWO.

Declaration of Compliance

To assure compliance with the LWO, any person or entity entering into a contract to provide Nonprofessional Services to or for the CITY, on or after March 1, 2004, is required to provide the CITY with a signed Declaration of Compliance in the form required by the CITY, prior to the CITY's execution of the contract. The Declaration of

Compliance shall be signed by a duly authorized representative of the person or entity entering into the contract, and, when accepted by the CITY, shall constitute part of the contract.

Additional Information

- For a complete description of the LWO's provisions, refer to the LWO codified at Sacramento City Code Chapter 3.58. The Sacramento City Code is available on the internet at www.cityofsacramento.org.
- For more information on the LWO requirements and the CITY's LWO program, contact Procurement Services at 916-808-6240.

EXHIBIT F

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, 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, 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 “A.”

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

Attachment A



YOUR RIGHTS UNDER THE CITY OF SACRAMENTO'S NON-DISCRIMINATION IN EMPLOYEE BENEFITS CODE

On (date), your employer (the "Employer") entered into a contract with the City of Sacramento (the "City") for ROOT CONTROL APPS. (contract details), and as a condition of that contract, agreed to abide by the requirements of the City's Non-Discrimination In Employee Benefits Code (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
Procurement Services Division
5730 24th Street, Bldg. 1

Sacramento, CA 95822

- 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

Attachment B



YOUR RIGHTS UNDER THE CITY OF SACRAMENTO'S NON-DISCRIMINATION IN EMPLOYEE BENEFITS CODE

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
Procurement Services Division
5730 24th Street, Bldg. 1
Sacramento, CA 95822
- 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.

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NON-COMPETITIVE BID/CONTRACT JUSTIFICATION

For use of all goods and services acquisitions.

This justification document consists of two (2) pages. All information must be provided and all questions must be answered. The "Required Approvals" section must include a date for each signature, as appropriate for the transaction.

Requesting Department Information		
Department:	Department Contact:	
Division:	E-Mail:	
	Telephone:	FAX:
Delivery Location:		
Required Contact Information for Source of Supply or Service		
Contractor/Supplier		Contractor Address:
Contract Amount: \$	Amendment Amount:* (if applicable) \$ <small>(*Current amendment only)</small>	Equipment Purchase Amount: \$
Funding Source: <input type="checkbox"/> General Fund <input type="checkbox"/> CIP <input type="checkbox"/> Grant <input type="checkbox"/> Account# _____		
Provide a brief description of the purchase request, including all goods and/or services the contractor will provide:		
Contract Type and Term		
<input type="checkbox"/> Supplies/Equipment <input type="checkbox"/> Sole-Source <input type="checkbox"/> Service/Consultant <input type="checkbox"/> Sole-Brand <input type="checkbox"/> IT Goods <input type="checkbox"/> Cooperative <input type="checkbox"/> IT Service <input type="checkbox"/> Agreement <input type="checkbox"/> IT Goods & Service <input type="checkbox"/> Other _____		Contract Term: Begin: _____ End: _____ Explain late contract submittal (services only):
Current Contract Information (If the requested service/supply is currently under contract, please provide the information below)		
City Contract no. #:		Resolution no. #:
Total value of current contract:		Term (time period) of contract:
Required Approvals		
<p><u>Certification:</u> I am aware of the Sacramento City Charter Article XIV, City Code Chapter(s) 3.56, 3.60, 3.67, and the City's policy instructions, which set forth the requirements for competitive bidding. As an authorized Department representative, I have gathered information and have made a concentrated effort to review comparable/equal services or equipment, as documented in this justification. I hereby certify the validity of the information and believe, to the best of my knowledge, that the justification conforms to the City's requirements for sole-source/sole-brand purchasing.</p>		
Division/Section <input type="checkbox"/> Approved <input type="checkbox"/> Denied _____ Division Manager/Date	Department <input type="checkbox"/> Approved <input type="checkbox"/> Denied _____ Director/Date	Purchasing Division <input type="checkbox"/> Approved <input type="checkbox"/> Denied _____ Procurement Manager or Designee/Date

Complete responses must be provided for all of the following items.

A. THE GOOD/SERVICE REQUESTED IS RESTRICTED TO ONE SUPPLIER FOR THE REASONS STATED BELOW:

1. Explain why the acquisition cannot be competitively bid and why is the acquisition restricted to this good/service/supplier?

1.a. Explain if this is an emergency purchase or how the supplier is the only source for the acquisition and reference the city code that applies.

1.b. For non-competitively bid contracts over \$25,000.00, explain why this acquisition is required and how this acquisition meets at least one of the following criteria: a) provision of essential services; b) required for public health or safety; c) emergency as defined in city ordinance. d) the acquisition is necessary to avoid financial loss to the city.

2. Provide the background of events leading to this acquisition.

3. Describe the uniqueness of the acquisition (why was the good/service/supplier chosen?)

4. What are the consequences of not purchasing the good/service or contracting with the proposed supplier?

5. What market research was conducted to substantiate no competition, including evaluation of other items considered?

(Provide a narrative of your efforts to identify other similar or appropriate goods/services, including a summary of how the department concluded that such alternatives are either inappropriate or unavailable. The names and addresses of suppliers contacted and the reasons for not considering them must be included OR an explanation of why the survey or effort to identify other goods/services was not performed.)

B. PRICE ANALYSIS

1. How was the price offered determined to be fair and reasonable?

(Explain what the basis was for comparison and include cost analyses as applicable.)

2. Describe any cost savings realized or costs avoided by acquiring the goods/services from this supplier