#### **RECORDING REQUESTED BY AND** WHEN RECORDED MAIL TO:

City of Oakland Public Works Department Dalziel Administration Building 250 Frank H. Ogawa Plaza – 4th Floor Oakland, CA 94612 Attention: City Engineer

This document is exempt from payment of a recording fee pursuant to California Government Code section 27383.

SPACE ABOVE FOR RECORDER'S USE

#### SUBDIVISION IMPROVEMENT AGREEMENT

#### **Deferred Construction of Public Infrastructure Improvements**

### 1608 and 1618 32<sup>nd</sup> Street

#### Final Map No. 8421

This SUBDIVISION IMPROVEMENT AGREEMENT ("Agreement"), dated as of \_\_\_\_\_\_\_, 2020 ("Effective Date"), is entered into by and between the City of Oakland, a California municipal corporation ("CITY"), and Gold Standard Partners, LLC, a California limited liability company (no. 2016296933) ("SUBDIVIDER"), with reference to the following facts and circumstances:

#### RECITALS

- A. SUBDIVIDER is the owner in fee title and subdivider of one (1) lot located within the corporate limits of the CITY, which are identified by the Alameda County Assessor as parcel numbers 007-0598-017-00, 007-0598-018-00, 007-0598-019-00, 007-0598-021-01 and by the Alameda County Clerk-Recorder as Tract No. 8421, and by the City of Oakland as 1608 and 1618 32<sup>nd</sup> Street.
- B. SUBDIVIDER has presented a proposed Final Map to the City, identified as Final Map No. 8421, which proposes a subdivision of previously subdivided lots of this platted land into six (6) developable micro-lots ("**Final Map**").
- C. As a condition precedent to the CITY's approval of the proposed Final Map, the CITY requires the construction of public infrastructure improvements off-site in the CITY right-of-way that customarily include, but are not limited to, grading, paving, striping and lettering, curbs, gutters and sidewalks, trees, landscaping and irrigation, retaining walls, storm drains and sanitary sewers, street name and public transportation signs, survey monuments, electricity, communication, water, and natural gas utility mains and branch

piping and wiring, fire hydrants, street light electroliers, traffic control and curb parking signs, signals and meters, and all appurtenances thereto ("**Public Infrastructure Improvements**").

- D. SUBDIVIDER has asked the CITY and local public utility companies to accept the permanent maintenance of the required Public Infrastructure Improvements shown on the construction plans accompanying permit number PX1900036 and included in *Exhibit A*, attached hereto and incorporated herein.
- E. Construction of the required Public Infrastructure Improvements, however, has not commenced nor has it been accepted by the CITY. Consequently and in consideration of the approval of the proposed Parcel Map and acceptance of the irrevocable offers of dedication of public right-of-way and easements and acceptance of the permanent maintenance of the required Public Infrastructure Improvements, the parties desire to establish an Agreement binding the SUBDIVIDER to complete the required improvements pursuant to the terms and conditions set forth herein.

# AGREEMENT

**ACCORDINGLY,** for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the CITY and SUBDIVIDER agree as follows:

#### 1. <u>Approval of Final Map No. 8421</u>

Approval of Final Map No. 8421 by the CITY shall be conditioned upon recordation of this Agreement with the Alameda County Recorder, as well as SUBDIVIDER's satisfactory performance of its obligations specified in this Agreement, as determined by the CITY.

#### 2. <u>Construction of Public Infrastructure Improvements</u>

SUBDIVIDER shall construct all required off-site and on-site Public Infrastructure Improvements in strict accordance with all permits, specifications, plans and applicable CITY standards and performance criteria as specified in *Exhibit A* and set forth below in Section 3, Special Conditions.

#### 3. <u>Special Conditions</u>

SUBDIVIDER shall comply with the special conditions as follows:

**A**. The Public Infrastructure Improvements shall conform to the performance criteria specified in Oakland Municipal Code Chapter 16.16 – Design Standards and in Standard Details for Public Works Construction and Standard Specifications for Public Works Construction, current editions.

**B.** The time duration for the completion of required Public Infrastructure Improvements, as set forth in Section 4 below, shall include allowance for construction workday delays attributable to consecutive and intermittent inclement weather, as has been recorded by the United States Weather Bureau for the CITY and surrounding area and seasonally averaged

for the previous ten years.

**C.** Hours, days, and months of operation and control of public nuisance conditions for the construction of required Public Infrastructure Improvements shall conform to the requirements of all CITY Conditions of Approval for the project and the Oakland Municipal Code, including section 15.04.780 and subsections 3304.6 and 3304.11. No work shall be performed on Saturdays or Sundays or holidays nor commence before 8:00 am local time nor be performed after 5:00 pm local time without the written authorization of the City Engineer.

**D.** Performance standards for the construction of required public infrastructure improvements shall comply with the requirements of Oakland Municipal Code chapter 17.120 and with regional, state, and federal regulations for "Best Management Practices" for erosion and sedimentation control, including a California Construction General Permit with a Storm Water Pollution Prevention Plan (SWPPP – "C6") provided by a Qualified SWPPP Developer (QSD) and monitored by a Qualified SWPPP Practitioner (QSP).

**E**. In order to safeguard life, public and private property, and to ensure that the work will be carried out in an orderly manner in conformance with all regulations and without creating a public nuisance, the City Engineer may add to, remove, or change these Special Conditions from time to time during the duration of the permit as he or she deems reasonably necessary.

#### 4. <u>Completion of Public Infrastructure Improvements</u>

**A**. All construction of required Public Infrastructure Improvements shall be completed by SUBDIVIDER within one (1) year of the Effective Date of this Agreement, except those required improvements for which another completion date is stated in *Exhibit A* or set forth above in Section 3, Special Conditions. Construction shall not be deemed complete until the public infrastructure permit has received a final inspection sign-off by the city inspector, an unconditional Letter of Completion, signed and stamped by the SUBDIVIDER's engineer, has been received by the CITY, and an unconditional Letter of Completion has been issued by the City Engineer.

**B**. The City Engineer may extend the time for completion of the required public infrastructure improvements upon demonstration of good cause. The City Engineer shall be the sole and final judge as to whether or not good cause has been shown to entitle SUBDIVIDER to an extension under this Section 4B.

C. An extension may be granted without notice to SUBDIVIDER's surety, and extensions so granted shall not relieve the surety's liability on any of the bonds required by this Agreement.

**D**. In the event that an extension is granted, SUBDIVIDER agrees to promptly extend the term of all surety bonds securing its performance under this Agreement, and/or provide additional bonds or other surety acceptable to the CITY. All such bonds and/or other surety are subject to review and approval by the City Attorney for legal sufficiency, and if no bonds or other surety acceptable to the City Attorney are provided to secure SUBDIVIDER's performance, the extension shall be void.

# 5. <u>Acceptance of Dedications and Ownership of Public Infrastructure Improvements</u>

Upon final approval of the public infrastructure improvement permit and unconditional issuance of a Certificate of Completion, and all improvements required by this Agreement shall become the sole property of the CITY. The CITY will subsequently accept the permanent maintenance of these improvements as set forth below in Sections 7, Maintenance of Public Infrastructure Improvements, and 8, Guarantee of Workmanship and Warranty of Equipment, Materials, and Expertise.

# 6. <u>Responsibility for Dedications and Public Infrastructure Improvements</u>

Until the Certificate of Completion is unconditionally issued, SUBDIVIDER shall give good and adequate warning to the public of each and every defective or dangerous condition existing or arising within all public right-of-way and public easements offered for dedication and shall adequately protect the public from said unsafe conditions. Warning to and protection of the public shall remain the sole responsibility and expense of SUBDIVIDER until such time as the Certificate of Completion is unconditionally issued.

# 7. <u>Maintenance of Public Infrastructure Improvements</u>

Until one (1) year has elapsed following unconditional issuance of the Certificate of Completion, SUBDIVIDER shall maintain the construction of the required public infrastructure improvements and shall immediately perform or cause to be performed at its sole expense all necessary repairs, replacements, additions, or other corrective actions.

# 8. <u>Guarantee of Workmanship and Warranty of Equipment, Materials, and Expertise</u>

Until one (1) year has elapsed following the unconditional issuance of the Certificate of Completion, SUBDIVIDER warrants that the required public infrastructure improvements, including the equipment and materials provided for the required improvements, are and will be free from defects and guarantees that the construction of the required improvements is and will be free from deficiencies and that the required improvements will perform satisfactorily in accordance with the specifications, plans and applicable CITY standards and performance criteria as specified in *Exhibit A* and set forth above in Section 3, Special Conditions. SUBDIVIDER further warrants that its design professionals are competent, that their analyses are adequate, and that their designs will meet or exceed the applicable CITY standards and performance criteria as specified in *Exhibit A* and set forth above in Section 3, Special Conditions. SUBDIVIDER further warrants that its design professionals are competent, that their analyses are adequate, and that their designs will meet or exceed the applicable CITY standards and performance criteria as specified in *Exhibit A* and set forth above in Section 3, Special Conditions.

If at any time before the expiration of the guarantee and warranty period specified herein said designs prove to be inadequate in any respect, as determined by the City Engineer, SUBDIVIDER shall make changes at its sole expense necessary to assure conformance with said standards and criteria.

# 9. <u>Inspection of Construction</u>

Inspection of the construction and equipment and materials, or approval of the construction and equipment and materials inspected, or statement by any officer, agent, or employee of the CITY indicating the construction and equipment and materials, or any part thereof, comply with the requirements and conditions of this Agreement, or acceptance of the whole or any part of the construction and materials, or payments thereof, or any combinations, or any combination, or all of these acts shall not relieve SUBDIVIDER of its obligation to fulfill this Agreement as prescribed herein; nor shall the CITY be thereby estopped from bringing any action for damages arising from the failure of SUBDIVIDER to comply with any of the requirements and conditions of this Agreement.

# 10. Payment of Fees and Penalties and Accrued Interest

Prior to issuance of the Certificate of Completion and prior to acceptance by the CITY of the onsite and off-site required public infrastructure improvements for permanent maintenance, SUBDIVIDER shall pay all fees and penalties and accrued interest to the CITY and other Public Agencies that remain unpaid. Interest on amounts owed to the CITY shall accrue at the rates set forth in its Master Fee Schedule and from the date that the fees and penalties are assessed and shall continue until full payment is received, whether or not any conditions of this Agreement are extended or modified.

# 11. <u>Reversion to Acreage</u>

If SUBDIVIDER fails to perform its obligations under this Agreement, SUBDIVIDER consents to the reversion to acreage of the land which is the subject of this Agreement pursuant to Government Code section 66499.16 and to bear all applicable costs.

# 12. <u>Property Acquisition</u>

If SUBDIVIDER is unable to acquire property required for the construction of required improvements, SUBDIVIDER agrees to execute the standard CITY Contract for Real Property Acquisition to provide for acquisition through eminent domain.

#### 13. <u>Security</u>

SUBDIVIDER shall present to the CITY surety bonds, in a form satisfactory to the City Attorney, issued by a corporate surety authorized to issue said security in the State of California as follows:

A. Before execution of this Agreement, the following securities shall be presented:

**1. Faithful Performance Bond** in a face amount not less than One Hundred Fifty One Thousand and Seven Hundred Dollars (<u>\$52,854.00</u>), which is the full amount (one-hundred percent) of the City Engineer's total estimated cost for constructing the required on-site and off-site public infrastructure improvements, to secure faithful performance of this Agreement by SUBDIVIDER; and

2. Labor and Materials Bond in a face amount not less than Seventy Five Thousand and Eight Hundred Fifty Dollars (<u>\$26,427.00</u>), which is one-half (fifty percent) of the full amount of the City Engineer's total estimated cost for constructing the required on-site and off-site public infrastructure improvements, to secure payment by SUBDIVIDER to its contractor, subcontractors, laborers and material suppliers furnishing supervision, labor, materials and equipment engaged in the construction pursuant to this Agreement, and further to secure payment as required by the Unemployment Insurance Act.

The Faithful Performance Bond and the Labor and Materials Bond shall not be limited in duration nor stipulate a date of expiration and shall remain in effect until the unconditional issuance of the Certificate of Completion of the required public infrastructure improvements.

**B**. Before final approval of the public infrastructure permit, the following security shall be presented:

**Maintenance Bond** in a face amount not less than Thirty Seven Thousand and Nine Hundred Twenty Five (**§13,213.50**), which is one-quarter (twenty-five percent) of the full amount of the City Engineer's total estimated cost for constructing the required on-site and off-site public infrastructure improvements, to secure faithful performance of Sections 7, Maintenance of Public Infrastructure Improvements, and 8, Guarantee of Workmanship and Warranty of Equipment, Materials, and Expertise, above. This Maintenance Bond shall remain in effect for not less than one year after the date of the unconditional issuance of the Certificate of Completion of the required public infrastructure improvements.

**C**. Pursuant to Government Code section 66499.4, the obligation guaranteed by each bond shall include costs and reasonable expenses and fees, including reasonable attorney fees and expert witness fees, incurred by the CITY in successfully enforcing said obligations and shall be in addition to the face amount of each bond.

**D**. All such bonds and/or other surety are subject to review and approval by the City Attorney for legal sufficiency, and if no bonds or other surety acceptable to the City Attorney are provided, this Agreement shall be void.

# 14. <u>Alternative Security</u>

In lieu of the bonds required above in Section 13, Security, alternative securities may be substituted by SUBDIVIDER in a form provided by Government Code Section 66499.3 and subject to review and approval by the City Attorney.

# 15. Defense, Indemnity, and Hold Harmless

**A**. To the maximum extent permitted by law, SUBDIVIDER shall defend (with counsel acceptable to the CITY), hold harmless, and indemnify the CITY, the Oakland City Council, and its respective officials, officers, employees, agents, representatives, and volunteers from any and all liability, claims, demands, losses (direct or indirect), lawsuits, actions, causes of action, proceeding and judgments for injury and/or damages of any kind and nature whatsoever (including legal costs, attorneys' fees, expert witness or consultant fees, City Attorney or staff time, expenses or costs) (collectively called "Action") arising out of, related to or caused by

performance of this Agreement, including without limitation the design, construction and/or maintenance (for a period of one year following unconditional issuance of the Certificate of Completion) of the required on-site and off-site public infrastructure improvements and regardless of responsibility for negligence. The CITY may elect, in its sole and absolute discretion, to participate in the defense of said Action, and SUBDIVIDER shall reimburse the CITY for its reasonable legal costs and attorneys' fees. Not in limitation of the foregoing, SUBDIVIDER further agrees to defend and protect the CITY, the Oakland City Council, and its respective officials, officers, employees, agents, representatives, and volunteers from all liability or claims because of, or arising out of the use of any patent or patented articles in the CITY, including, without limitation, the right of contribution for loss or damage to persons or property, arising from, growing out of, or in any way connected with or incident to the work performed or failed to be performed under this Agreement. This Defense, Indemnity, and Hold Harmless section shall survive the termination of this Agreement.

**B**. Within ten (10) calendar days of the filing of any Action as specified in subsection A above, SUBDIVIDER shall execute a Joint Defense Letter Agreement with the CITY, acceptable to the City Attorney, which memorializes the above obligations. These obligations and the Joint Defense Letter of Agreement shall survive termination, extinguishment or invalidation of this Agreement. Failure to timely execute the Joint Defense Letter Agreement does not relieve SUBDIVIDER of any of the obligations contained in this Agreement or other requirements that may be imposed by the CITY.

# 16. <u>Insurance Required</u>

SUBDIVIDER shall procure and maintain for the duration of the Agreement sufficient insurance against claims for injuries to persons or damages to property that may arise from or in connection with the performance of the work hereunder by SUBDIVIDER and his agents, representatives, employees or subcontractors.

# A. Minimum Scope of Insurance

Coverage shall be at least as broad as:

**1**. Insurance Services Office Commercial General Liability coverage ("occurrence" form CG 0001).

**2**. Insurance Services Office form number CA 0001 covering Automobile Liability, code 1 "any auto."

**3**. Workers' Compensation insurance as required by the Labor Code of the State of California and Employers Liability insurance.

# **B.** Minimum Limits of Insurance

1. Commercial General Liability insurance, including but not limited to, Bodily Injury, Broad Form Property Damage, Contractual Liability, Operations, Products and Completed Operations, Owners and Contractors Protective Liability, and/or XCU coverage, when applicable, with limits not less than **\$2,000,000.00** combined single limit per occurrence for bodily damage, personal injury and property damage. The limits of insurance shall apply separately to this project or location. The policy shall contain a severability of interest clause or cross liability clause or the equivalent thereof.

2. Automobile Liability with limits not less than \$2,000,000.00 combined single limit per accident for bodily injury and property damage.

3. Worker's Compensation insurance as required by the laws of the State of California with limits not less than \$1,000,000.00. Statutory coverage may include Employers Liability coverage. SUBDIVIDER certifies that he/she is aware of the provisions of section 3700 of the California Labor Code, which requires every employer to provide Workers' Compensation coverage, or to undertake self-insurance in accordance with the provisions of that Code. SUBDIVIDER shall comply with the provisions of section 3700 of the California Labor Code before commencing performance of the work under this Agreement and thereafter as required by that code.

4. **Professional Liability/Errors/Omissions** insurance with limits not less than **\$1,000,000.00**.

5. **Builders' Risk/Course of Construction** insurance covering all risks of loss with limits not less than the completed value of the project with no coinsurance penalty provisions. The CITY shall be named as loss payee under this policy. The insurer shall waive all rights of subrogation against the CITY.

# C. Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the CITY. At the option of the CITY, either:

**1.** the insurer shall reduce or eliminate such deductibles or self-insured retentions with respect to the CITY, the Oakland City Council, and its respective officials, officers, employees, agents, representatives, and volunteers; or

**2.** SUBDIVIDER shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

# **D.** Other Insurance Provisions

The general and automobile liability policies shall contain, or be endorsed to contain, the following provisions:

1. The CITY, the Oakland City Council, and its respective officials, officers, employees, agents, representatives, and volunteers are to be covered as additional insured as respects: liability arising out of activities performed by or on behalf of SUBDIVIDER, products and completed operations of SUBDIVIDER; premises owned, occupied or used by SUBDIVIDER, or automobiles owned, leased, hired or borrowed by SUBDIVIDER. The coverage shall contain no special limitations on the scope of protection afforded to the

CITY, the Oakland City Council, and its respective officials, officers, employees, agents, representatives, and volunteers.

2. SUBDIVIDER's insurance coverage shall be primary insurance as respects the CITY, the Oakland City Council, and its respective officials, officers, employees, agents, representatives, and volunteers. Any insurance or self-insurance maintained by the CITY, the Oakland City Council, and its respective officials, officers, employees, agents, representatives, and volunteers shall be excess of SUBDIVIDER's insurance and shall not contribute with it.

**3**. Any failure to comply with reporting provisions of the policies required by this clause, including breaches of warranties, shall not affect coverage provided to the CITY, the Oakland City Council, and its respective officials, officers, employees, agents, representatives, and volunteers.

4. SUBDIVIDER'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.

5. The insurer shall agree to waive all rights of subrogation against the CITY, the Oakland City Council, and its respective officials, officers, employees, agents, representatives, and volunteers for losses arising from work performed by SUBDIVIDER for the CITY.

6. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled, except for non-payment of premium, by either party, except after thirty (30) days prior written notice by certified mail, return receipt required, has been given to the CITY. In the event the policy is canceled for non-payment of premium, ten (10) days prior written notice, as stated above, will be given.

# E. Acceptability of Insurers

If the insurance company providing coverage is licensed to do business in the State of California, the company shall have an A.M. Best rating of not less than A:VII. However, if the insurance company is not licensed to do business in California, the A.M. Best rating shall not be less than A+:X. The maximum A.M. Best rating is A++:XV.

# F. Verification of Coverage

SUBDIVIDER shall furnish the CITY with certificates of insurance and with original endorsements effecting coverage required by this clause. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The Commercial General Liability endorsement shall be a form CG 20 10 (or proprietary equivalent), attached to this form. The Commercial Automobile Liability endorsement shall be a form CA 20 48, attached to this document. All certificates and endorsements are to be received and approved by the CITY before work commences. The CITY reserves the right to require complete, certified copies of all required insurance policies, at any time. A STATEMENT OF ADDITIONAL INSURED ENDORSEMENT ON THE ACORD INSURANCE CERTIFICATE FORM IS INSUFFICIENT AND WILL BE REJECTED AS PROOF OF THE ADDITIONAL INSURED REQUIREMENT.

#### G. Subcontractors

SUBDIVIDER shall include all subcontractors as insured under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverage for subcontractors shall be subject to all of the requirements stated herein.

#### 17. <u>Participation in Benefit Districts</u>

SUBDIVIDER shall participate in all Benefit Districts formed by the CITY prior to the execution of this Agreement and shall pay the prorated fee due the CITY under the terms of Benefit District or Districts as applied to the real property covered by this Agreement.

#### 18. <u>Actions to Enforce</u>

If any action at law or in equity, including an action for declaratory relief, is brought to enforce or interpret the provisions of this Agreement, the prevailing party shall be entitled to costs and reasonable expenses and fees, including reasonable attorneys' fees and expert witness fees, in addition to any other relief to which they may be entitled.

#### 19. Beneficiaries, Heirs, Assigns, and Successors In Interest

This Agreement pertains to and runs with the real property included within Final Map No. 8421, which land is expressly agreed to benefit from the privileges granted to SUBDIVIDER under this Agreement, and binds the beneficiaries, heirs, assigns, and successors in interest of SUBDIVIDER.

#### 20. <u>Attachments</u>

The following documents are incorporated into this Agreement by reference:

| CITY Permits: | Public Infrastructure – PX1900036           |
|---------------|---|
|               | Planning – PLN17189                         |
|               | Creek Protection – N/A                      |
|               | Building – RBC1802926, RBC1802925           |
|               | Grading – N/A                               |
|               | Encroachment – applicant will need to apply |

CITY Resolution: \_\_\_\_\_

Subdivision: Final Map No. 8421

City Engineer's Estimate of the Cost of Improvements

Insurer: \_\_\_\_\_ Surety: \_\_\_\_\_

# 21. <u>Constructive Notice</u>

This Agreement shall be filed for recordation in the Official Records of Alameda County within five (5) calendar days following execution by the CITY.

### 22. <u>Effective Date</u>

This Agreement shall be effective on the Effective Date.

### 22. <u>Miscellaneous</u>

**A. Counterparts.** This Agreement may be executed in any number of counterparts (including by fax, PDF or other electronic means), each of which shall be deemed an original, but all of which shall constitute one and the same instrument.

**B.** Governing Law; Venue. This Agreement shall be governed by and construed in accordance with the laws of the State of California. The parties agree that all actions or proceedings arising directly or indirectly under this Agreement shall be litigated in courts within the County of Alameda, State of California.

**C. Integration.** This Agreement contains the entire agreement between the parties with respect to the subject matter of this Agreement. Any prior correspondence, memoranda, agreements, warranties or representations relating to such subject matter are superseded in total by this Agreement. No prior drafts of this Agreement or changes from those drafts to the executed version of this Agreement shall be introduced as evidence in any litigation or other dispute resolution proceeding by either party or any other person, and no court or other body shall consider those drafts in interpreting this Agreement.

**D. Further Assurances.** The CITY and SUBDIVIDER shall execute and deliver all documents, amendments, agreements and instruments reasonably necessary or reasonably required in furtherance of this Agreement.

# [ REMAINDER OF PAGE INTENTIONALLY LEFT BLANK ]

**IN WITNESS WHEREOF**, the CITY and SUBDIVIDER have each caused this Agreement to be duly executed on its behalf as of the Effective Date.

Authorized by City Resolution No. \_\_\_\_\_ C.M.S., adopted \_\_\_\_\_

#### <u>CITY:</u>

CITY OF OAKLAND, a municipal corporation

APPROVED AS TO FORM:

OFFICE OF THE CITY ATTORNEY

By:

By:

- 3

Wladimir Wlassowsky, P.E. Assistant Director Oakland Department of Transportation

#### **SUBDIVIDER\*:**

Gold Standard Partners, LLC, A California Limited Liability Company

Name: Kathleen Kuhner Title: Managing Member

\*Notarized acknowledgment required.

Final Map No. 8421 Subdivision Improvement Agreement

|   | ACKNOWLEDGMENT   |
|---|--|
| A notary public or other officer of<br>certificate verifies only the ident<br>who signed the document to wh<br>attached, and not the truthfulne<br>validity of that document. | tity of the individual<br>hich this certificate is   |
| State of California<br>County of <u>Alameda</u>   | )  |
| On June 19,2020   | before me,Aula Elazier, Notary Public<br>(insert name and title of the officer)  |
| subscribed to the within instrumer  | f satisfactory evidence to be the person(s) whose name(s) is are<br>nt and acknowledged to me that he she they executed the same in<br>ies), and that by his her their signature(s) on the instrument the<br>alf of which the person(s) acted, executed the instrument.  |
| l certify under PENALTY OF PER<br>paragraph is true and correct.  | RJURY under the laws of the State of California that the foregoing   |
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| Signature   | (Seal)   |

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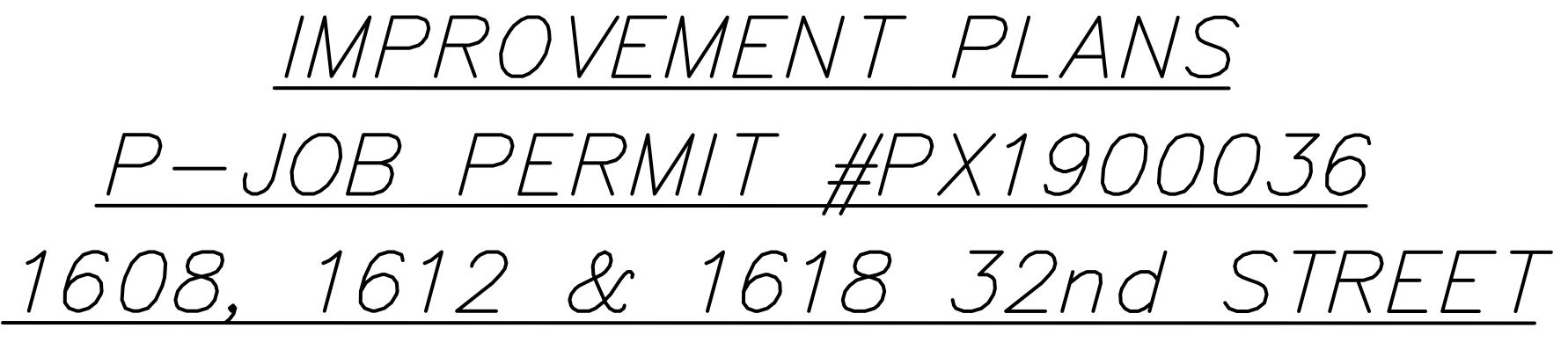
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| C1.6       |    |

OWNER GOLD STANDARD PARTNERS, LLC 3294 LOUISE STREET OAKLAND, CA 94608 510-301-9630

PROJECT ARCHITECT JOHN NEWTON DESIGN & DEVELOPMENT 5666 TELEGRAPH, SUITE A OAKLAND, CA 94609 510-526-7370



# JECT CIVIL IMPROVEMENT PLANS

- PROJECT COVER SHEET CIVIL IMPROVEMENT PLAN CIVIL PROFILE & SECTIONS CIVIL DETAILS CIVIL DETAILS LANDSCAPE PLAN PHOTOMETRIC PLAN C1.6 – JOINT TRENCH PLAN

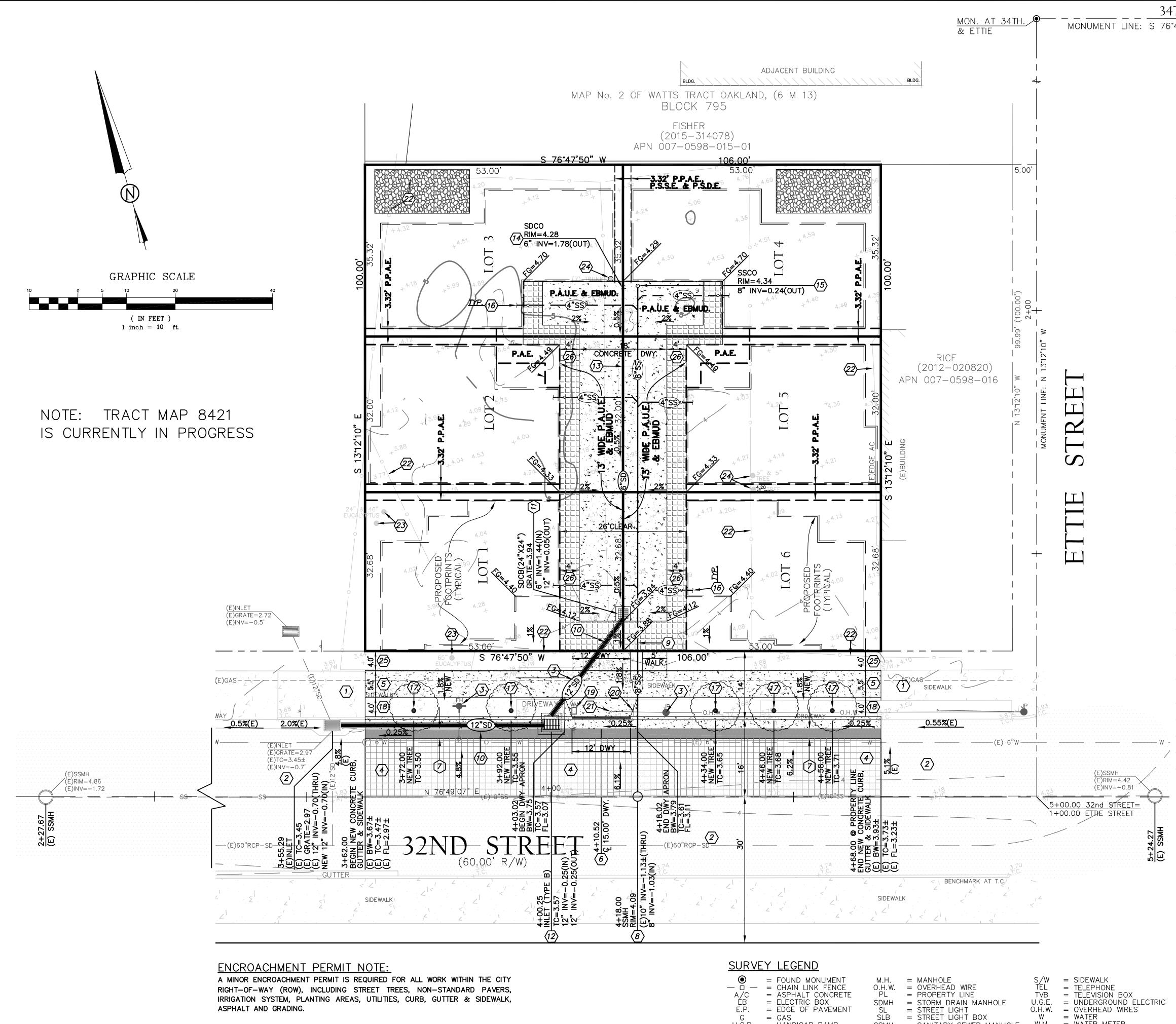
> PROJECT CIVIL ENGINEER KISTER, SAVIO & REI, INC. ATTENTION: MATTHEW L. REI 825 SAN PABLO AVENUE PINOLE, CA 94564 510-222-4020 X25 matt@ksrinc.net

PROJECT GEOTECHNICAL ENGINEER ROCKRIDGE GEOTECHNICAL 270 GRAND AVE OAKLAND, CA 94610 510-420-5738 PROJECT No. 16-1117 DATED: JUNE 29, 2016

-SITE STREFT <u>VICINITY\_MAP</u> NOT TO SCALE

|   | REFERENCES<br>FIELD BOOK No.<br>FILE MAP:<br>TITLE CO.:  | LAND SURVEYORS                                  | <b>O &amp; REI, INC.</b><br>– CIVIL ENGINEERS<br>BLO AVENUE<br>ORNIA 94564 |  |  |
|---|--|---|--|--|--|
| Monthallie AND MISC. CITY REQUESTED ITEMS.<br>3-4-20: REVISE SEWER MAIN | DATUM: CITY OF OAKLAND   | DESCRIPTION<br>COVER SHEET                      |  |  |  |
|   | & EASEMENT INFO<br>REVISIONS<br>1–20–20: REVISE FRONTAGE<br>IMPROVEMENTS, ADD EASEMENT INFO,<br>AND MISC. CITY REQUESTED ITEMS.<br>3–4–20: REVISE SEWER MAIN | PUBLIC IMPROVEMENTS P-<br>1608, 1612, & 1618 32 |  |  |  |
|   |  | OAKLAND   | CALIFORNIA   |  |  |
|   |  | FOR: GOLD STANDARD PARTNERS                     | . LLC  |  |  |
|   |  | SCALE: 1"=10'                                   | <i>јов no. 19974</i>   |  |  |
| CXP. 12131121   | ALIGNMENT FOR PGE PURPOSES.  | date: OCTOBER 7, 2019                           | DWG No. X-4151   |  |  |

*CO.0* 



RIGHT-OF-WAY (ROW), INCLUDING STREET TREES, NON-STANDARD PAVERS,

GEOTECHNICAL NOTE:

ASPHALT AND GRADING.

ALL WORK SHALL FOLLOW THE RECOMMENDATIONS SHOWN IN THE SOILS REPORT PREPARED BY ROCKRIDGE GEOTECHNICAL, DATED; JUNE 26, 2016, PROJECT No. 16-1117. THIS REPORT SHALL BE A PART OF THESE PLANS BY REFERENCE.

IRRIGATION SYSTEM, PLANTING AREAS, UTILITIES, CURB, GUTTER & SIDEWALK,

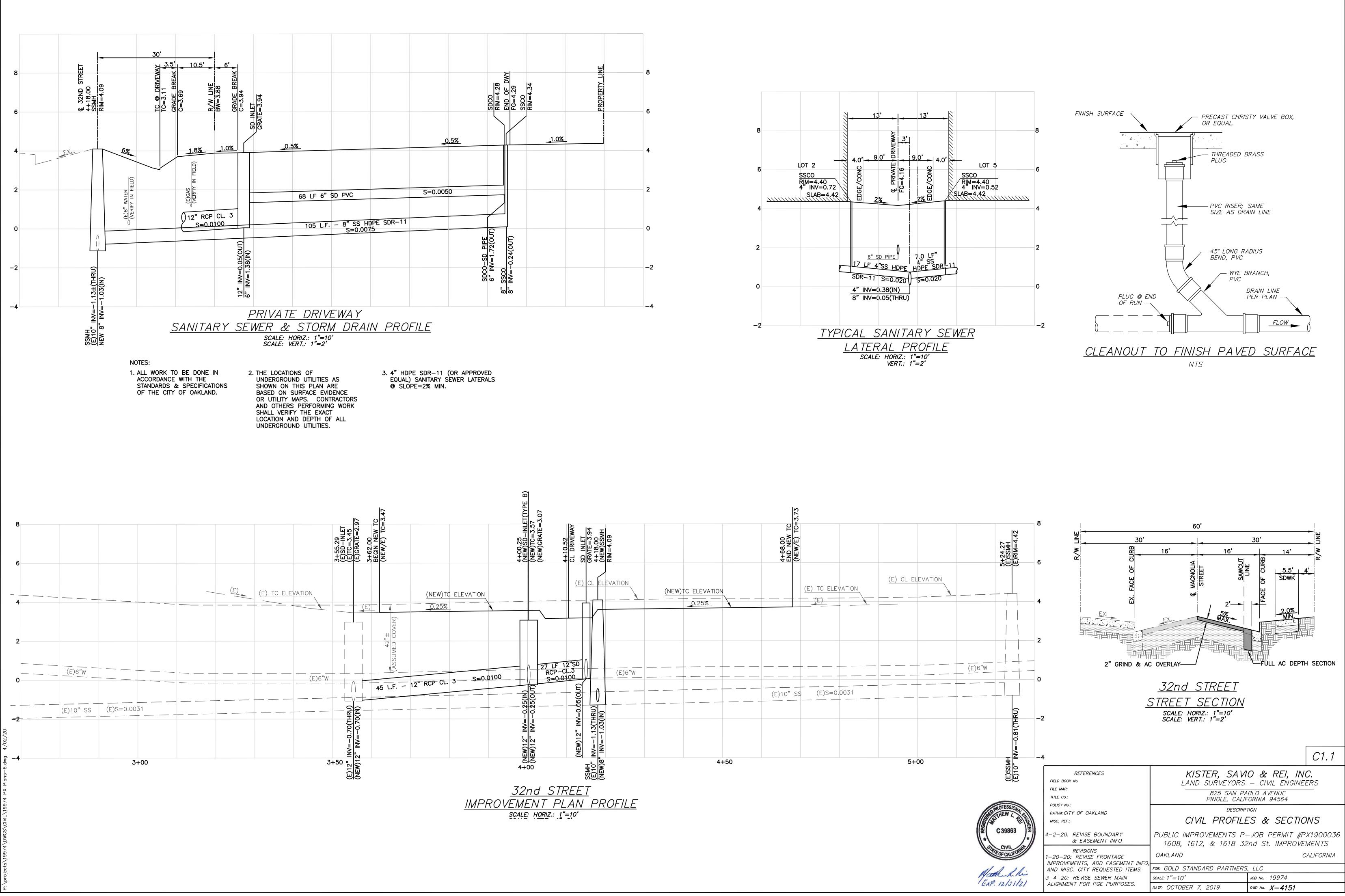
| <u>301 VI</u>                                 | <u>_ I LLOLIND</u>   |   |  |  |   |
|---|--|---|--|--|---|
| ●<br>A/C<br>EB<br>E.P.<br>G<br>H.C.R.<br>J.P. | <ul> <li>FOUND MONUMENT</li> <li>CHAIN LINK FENCE</li> <li>ASPHALT CONCRETE</li> <li>ELECTRIC BOX</li> <li>EDGE OF PAVEMENT</li> <li>GAS</li> <li>HANDICAP RAMP</li> <li>JOINT POLE</li> </ul> | M.H.<br>O.H.W.<br>PL<br>SDMH<br>SL<br>SLB<br>SSMH | <ul> <li>MANHOLE</li> <li>OVERHEAD WIRE</li> <li>PROPERTY LINE</li> <li>STORM DRAIN MANHOLE</li> <li>STREET LIGHT</li> <li>STREET LIGHT BOX</li> <li>SANITARY SEWER MANHOLE</li> </ul> | S/W<br>TEL<br>TVB<br>U.G.E.<br>O.H.W.<br>W<br>W.M. | <ul> <li>SIDEWALK</li> <li>TELEPHONE</li> <li>TELEVISION BOX</li> <li>UNDERGROUND</li> <li>OVERHEAD WIRE</li> <li>WATER</li> <li>WATER METER</li> </ul> |
|   |  |   |  |  |   |

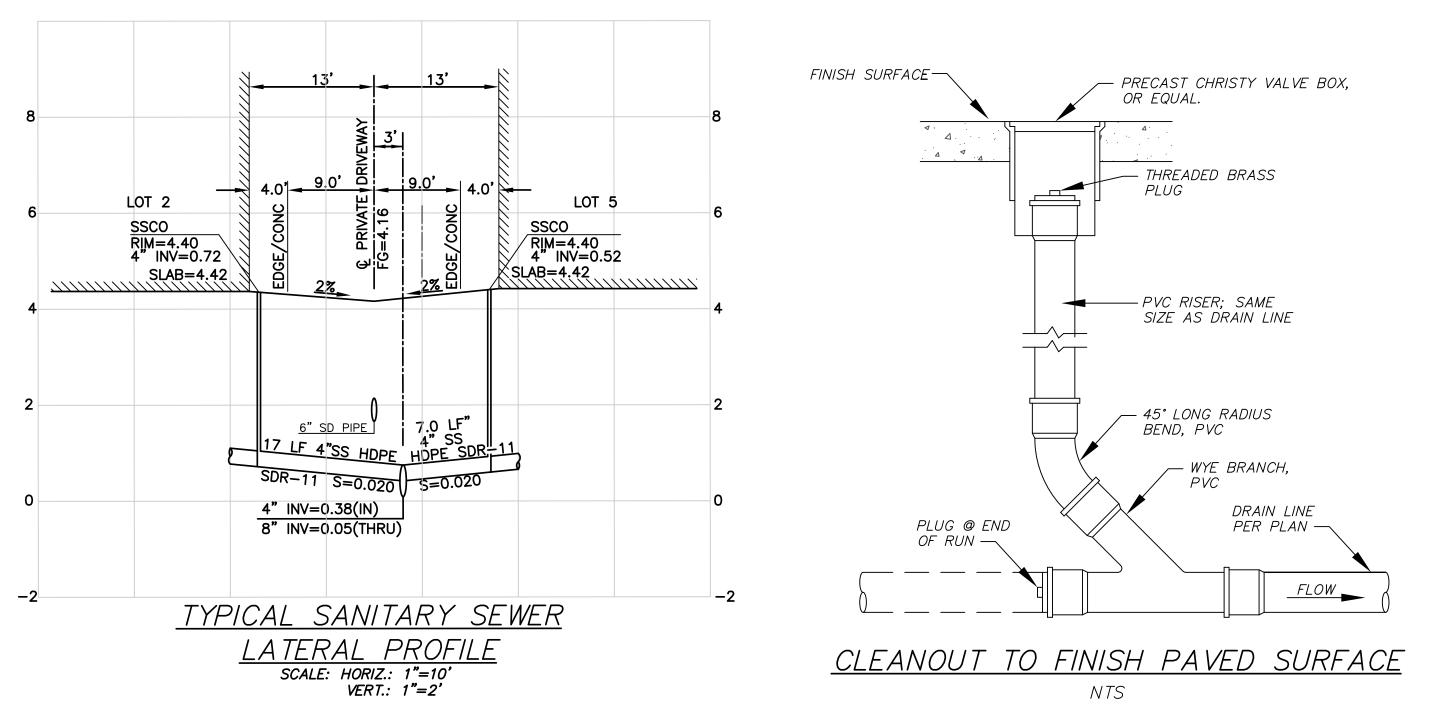
# UTILITY PIPE LEGEND

| -12"SD         |
|----------------|
| $\smile$       |
| -6"SD          |
| - <u>8</u> "SS |
| ✓ -4"SS        |

– 12" STORM DRAIN RCP CLASS 3 - 6" STORM DRAIN SDR-35 PVC PIPE – 8" SANITARY SEWER HDPE SDR-11 - - 4" SANITARY SEWER LATERAL HDPE SDR-11

| ·TH                            | STREET   |   |  |                                      |  |                  |
|--------------------------------|--|---|--|--------------------------------------|--|------------------|
|                                | D" W - 326.02' MON   |   |  |                                      |  |                  |
|                                |  | <u>10n. at 34th.</u> /<br>& hannah  |  |                                      |  |                  |
| THIS                           | SIGNER'S STATEM<br>PLOT PLAN CORRECTLY R<br>ER MY DIRECTION.         | <u>ENT:</u><br>EPRESENTS A PLOT PLAN MADE BY  | ME OR  |                                      |  |                  |
| I HEF                          | REBY STATE THAT TO THE   | BEST OF MY KNOWLEDGE ALL PROV<br>LOCAL ORDINANCES HAVE BEEN CO  |  |                                      |  |                  |
| I HEF                          | REBY FURTHER STATE THA   | T ALL PROPOSED GRADES, ELEVATIO   | ONS AND  |                                      |  |                  |
| CONT<br>BAY<br>INDIC           | TOURS DELINEATED UPON <sup>.</sup><br>AREA LAND SURVEYING, F         | THIS PLOT PLAN ARE BASED UPON<br>P.L.S. 7170, DATED SEPTEMBER, 2015<br>URVEYOR THEREOF AS BEING BASED   | A SURVEY BY<br>5 THAT WAS  | MATTHEW<br>RCE 3986<br>EXP. 12/      | 63   |                  |
| CIV                            | IL WORK LEGEND   |   |  |                                      |  |                  |
| $\overline{1}$                 |  | RB, GUTTER & SIDEWALK TO REMAI  | N.   |                                      |  |                  |
| $\langle 2 \rangle$            | EXISTING ASPHALT PAVE  | MENT TO REMAIN.   |  |                                      |  |                  |
| $\overline{\langle 3 \rangle}$ |  | D EXISTING IMPROVEMENTS SHAL  |  | CONTRACTO                            | DR SHALL REPLACE   | E ANY            |
| $\langle 4 \rangle$            |  | IMPROVEMENTS DUE TO CONSTRUC  |  |                                      |  |                  |
| \ <u>+</u> /                   | PROJECT CONSTRUCTION   | N IS COMPLETE, PROVIDE 2" GF<br>IOWN ON THIS PLAN. ACTUAL LII   | RIND AND ASPHALT   | CONCRETE                             | OVERLAY TO RO  | ADWAY            |
| 5                              | THICK CONCRETE SIDEW   | EXISTING CONCRETE PUBLIC IMPR<br>ALK AND TYPE "B" CURB & 2' (<br>NTS TO CONFORM TO EXISTING PU  | GUTTER PER CITY OF   | OAKLAND                              | STANDARD DRAWIN  |                  |
| 6                              | MAINTAIN A MINIMUM   | VEWAY (WIDTH AS SHOWN ON P<br>4' LEVEL AREA, 2% MAXIMUM CR<br>ANDARD DETAIL ON SHEET C1.3.  |  |                                      |  |                  |
| $\langle 7 \rangle$            | ASPHALT CONCRETE (9"<br>NOTE, UPPER COURSE (<br>TYPE C2 MIX FROM TAB | (MIN.) WIDE EXISTING ASPHALT C<br>THICK, MIN.). VERIFY NEW ASPH<br>F PAVEMENT RESTORATION (TOP<br>BLE 203–6.4.3 OF THE GREENBOO<br>YPE C2 MIX, TABLE 203–6.4.3 OF | HALT CONCRETE PAV<br>2" OF AC) OR AC (<br>K, PG 64—10, WITH          | EMENT CRO<br>OVERLAY SH<br>15% RAP.  | SS SLOPE IS 1% MI<br>IALL BE 1/2" AGGR<br>BOTTOM COURSES | NIMUM.<br>EGATE, |
| $\langle 8 \rangle$            | INSTALL NEW SANITARY   | SEWER MANHOLE, "TYPE 1" PER C   | ITY OF OAKLAND ST  | ANDARD DE                            | TAIL D-11 ON SHT.  | C1.3.            |
| $\langle g \rangle$            | INSTALL NEW 105 LF 8"  | SANITARY SEWER PIPE, HDPE SDR   | R-11. S=0.0075 SEE   | PROFILE ON                           | N SHT. C1.1.   |                  |
| (10)                           | INSTALL NEW 72 LF 12"  | STORM DRAIN PIPE, RCP CLASS 3   | 3, S=0.0100. SEE PR  | OFILE ON SI                          | HT. C1.1.  |                  |
| $\langle 11 \rangle$           | NEW 24" × 24" STOR<br>DETAILS ON SHT. C1.3.                          | M DRAIN INLET, WITH TRAFFIC RA  | TED, BICYCLE PROOF   | , LOCK DO                            | WN FRAME & GRAT  | E. SEE           |
| <b>(12)</b>                    | CONSTRUCT NEW "TYPE  | B" STORM DRAIN INLET, PER CITY  | OF OAKLAND STAND   | ARD DETAIL                           | . D-4 ON SHT. C1.3                                       | j.               |
| (13)                           | INSTALL NEW 68 LF 6"   | SOLID SDR-35 PVC STORM DRAIN  | PIPE @ S=0.50%, PE   | R DETAIL O                           | ON SHT. C1.3.  |                  |
| $\overline{14}$                | INSTALL NEW 6" STORM   | DRAIN CLEANOUT, PER DETAIL ON   | SHT. C1.2.   |                                      |  |                  |
| (15)                           | INSTALL NEW 8" SANITA  | RY SEWER CLEANOUT, PER CITY O   | F OAKLAND STANDAR  | RD DETAIL D                          | –2 ON SHT. C1.2.   |                  |
| (16)                           |  | TARY SEWER LATERAL, HDPE SD   |  |                                      | Y OF OAKLAND BU  | JILDING          |
| <br>(17)                       |  | PREVENTER. SEE PLUMBING PLAN<br>TREES, AS SHOWN ON PLAN, PEF  |  |                                      | E LANDSCAPE PLAN   | IS FOR           |
| (18)                           |  | R STRIP. SEE LANDSCAPE PLANS F  | OR IRRIGATION DETA   | ILS & SPEC                           | CIFICATIONS.   |                  |
| (19)                           | RELOCATE EXISTING WAT  | TER METER. NOTE, EBMUD TO PROV  | VIDE DESIGN FOR NE   | W DOMESTIC                           | WATER SERVICE FO   | OR ALL           |
| 20>                            | RELOCATE EXISTING "NO<br>AREA.                                       | D PARKING" SIGN OUT OF NEW D  | RIVEWAY LOCATION   | AND INTO I                           | NEW LANDSCAPE PL   | ANTER            |
| <u>(21</u> )                   | COORDINATE WITH P.G.&<br>DRIVEWAY AREA.                              | & E. TO RELOCATE EXISTING GUY   | WIRE SUPPORT FOR   | R EXISTING                           | JOINT POLE OUT O   | F NEW            |
| <i>(22</i> )                   | EXISTING CHAINLINK FEN   | ICE SHALL BE REMOVED. SEE LAND  | SCAPE PLANS FOR F  | PROPOSED N                           | NEW FENCING LOCAT  | IONS.            |
| <i>(23</i> )                   | EXISTING TREES TO REM  | AIN. SEE LANDSCAPE PLAN FOR D   | ISPOSITION OF ALL E  | XISTING TRE                          | EES AND NEW TREES  | 5.               |
| 24                             | EXISTING TREES TO BE   | REMOVED.  |  |                                      |  |                  |
| <i>(25</i> )                   | NEW 4.0' WIDE PLANTE   | R STRIP. SEE LANDSCAPE PLANS F  | FOR IRRIGATION DETA  | ILS & SPEC                           | CIFICATIONS.   |                  |
| <i>(26</i> )                   |  | OUS STAMPED CONCRETE WALKWAY.   | SEE LANDSCAPE PL   | ANS FOR D                            | ETAILS.  |                  |
|                                | IL LEGEND  |   | BW - BACK OF   | SIDEWALK                             |  |                  |
|                                | ······································                               | T PAVEMENT(SCREENED)  | CL – CENTERLI<br>DWY – DRIVEWAY<br>(E) – EXISTING<br>FL – FLOWLINE   | ŕ                                    |  |                  |
| . 4                            |  | SPHALT GRIND & 2" OVERL   | INV – INVERT E<br>P.A.U.E. – PUBLIC A<br>SD – STORM D                | LEVATION<br>CCESS & U<br>RAIN        | ITILITY EASEMENT   |                  |
|                                |  | FULL DEPTH" AC SECTION  | SDCB – STORM D<br>SDCO – STORM D<br>SS – SANITARY<br>SSCO – SANITARY | RAIN CLEAN<br>7 SEWER<br>7 SEWER CLI | IOUT<br>EANOUT   |                  |
|                                | AREA OF NEW P  | ERMEABLE MATERIAL   | TC - TOP OF (  | UKB ELEVA                            |  |                  |
|                                | - AREA OF NEW C  | ONCRETE PAVEMENT  |  |                                      |  |                  |
|                                |  | TAMPED CONCRETE   |  |                                      |  | <i>C1.0</i>      |
|                                |  | REFERENCES  | KISTF  | R. SAVI                              |  | <u> </u>         |
|                                |  | FIELD BOOK No.<br>FILE MAP:   | LAND SL  | IRVEYORS                             | - CIVIL ENGINEE  |                  |
|                                |  | ΠΠLΕ CO.:   |  |                                      | ABLO AVENUE<br>FORNIA 94564                              |                  |
|                                | SED PROFESSIONAL   | POLICY No.:<br>DATUM: CITY OF OAKLAND   |  | DESCRIP                              |  |                  |
|                                | C 39863  | MISC. REF.:   | CI VIL   | IMPROV                               | EMENT PLAN   | 1                |
|                                | *  | 4–2–20: REVISE BOUNDARY<br>& EASEMENT INFO  |  |                                      | –JOB PERMIT #P.<br>2nd St. IMPROVEI                      |                  |
|                                | OTALE OF CALIFORNIT  | REVISIONS<br>1–20–20: REVISE FRONTAGE   | OAKLAND  |                                      |  | ALIFORNIA        |
|                                | Marsh 21.  | IMPROVEMENTS, ADD EASEMENT INFO<br>AND MISC. CITY REQUESTED ITEMS.  | FOR: GOLD STANDARE   | D PARTNERS                           | S, LLC   |                  |
|                                | Mather K. hi<br>ExP. 12/31/21  | 3–4–20: REVISE SEWER MAIN<br>ALIGNMENT FOR PGE PURPOSES.  | scale: 1"=10'<br>date: OCTOBER 7, 20                                 | 019                                  | JOB No. 19974<br>DWG No. X-4151                          |                  |





GENERAL NOTES

- 1. ALL EXISTING TOPOGRAPHIC INFORMATION INCLUDING UTILITY LOCATIONS HAVE BEEN TAKEN FROM A BOUNDARY & TOPOGRAPHIC SURVEY PERFORMED BY BAY AREA LAND SURVEYING, DATED SEPTEMBER, 2015. BASIS OF ELEVATION IS CITY OF OAKLAND DATUM. UTILITY LOCATIONS HAVE BEEN ADDED TO THIS DRAWING BASED ON INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES.
- 2. ALL WORK PERFORMED IN THE PUBLIC RIGHT-OF-WAY TO BE DONE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE CITY OF OAKLAND AND/OR CALTRANS; AN ENGINEERING PERMIT WILL BE REQUIRED.
- 3. CARE SHALL BE TAKEN BY THE CONTRACTOR DURING GRADING OPERATIONS TO PRESERVE ANY BERM, DRAINAGE TERRACE, INTERCEPTOR SWALE OR OTHER DEVICE OF A PERMANENT NATURE ON OR ADJACENT TO THE PROPERTY.

EXISTING SEWER

FOR DEFECTS -

LATERAL. INSPECT

<u>SAR</u>

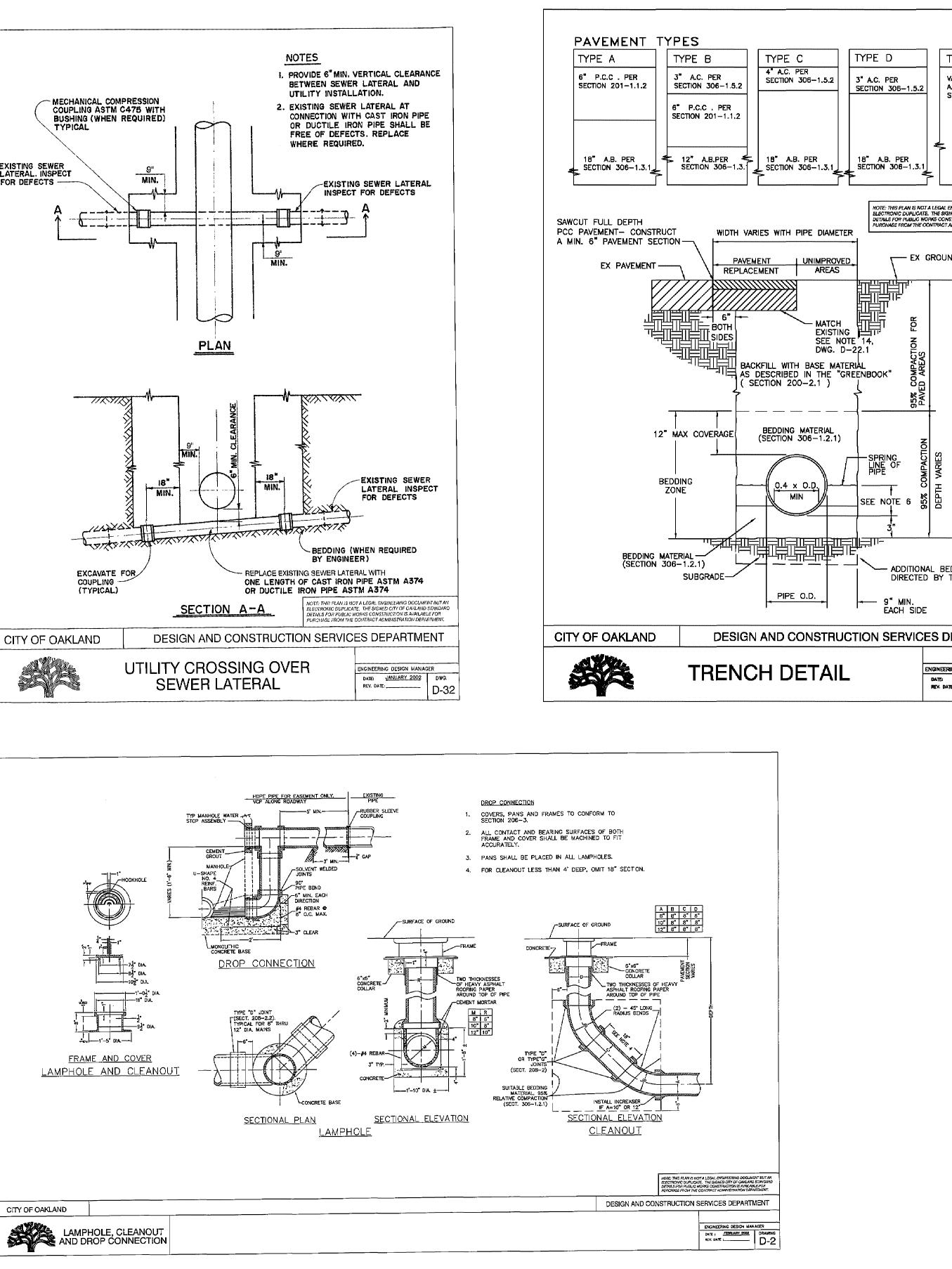
CITY OF OAKLAND

- 4. WORK SHALL NOT BEGIN UNTIL ADEQUATE TEMPORARY BARRICADES, BARRIERS, FENCES, SIGNS, LIGHTS, OR OTHER SUCH TRAFFIC AND PEDESTRIAN WARNING AND CONTROL DEVICES ARE IN PLACE.
- 5. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT AT 1-800-227-2600 PRIOR TO ANY EXCAVATION.
- 6. ALL KNOWN EXISTING UNDERGROUND UTILITIES ARE SHOWN ON THE PLAN AS BEST AS CAN BE ESTABLISHED FROM AVAILABLE INFORMATION. THE CONTRACTOR SHALL PROCEED WITH DUE CAUTION DURING UNDERGROUND OPERATIONS AND SHALL REPAIR OR REPLACE ALL UTILITIES AND SERVICES, EITHER MARKED IN THE FIELD OR INDICATED ON THE PLANS, WHICH ARE DAMAGED DURING CONSTRUCTION AT HIS OWN EXPENSE. CONTRACTOR IS ENCOURAGED TO CONTACT AN UNDERGROUND UTILITY LOCATING SERVICE PRIOR TO BEGINNING ANY EXCAVATION WORK FOR ASSISTANCE IN LOCATING UNDERGROUND UTILITIES.
- 7. ELEVATIONS AND LOCATIONS OF ALL EXISTING UTILITIES WHICH CROSS THE LINE OF CONSTRUCTION SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF ANY CONSTRUCTION AFFECTING SAID LINES.
- 8. CONTRACTOR IS TO VERIFY WORK IN THE FIELD AND SHALL SATISFY HIMSELF AS TO THE ACCURACY BETWEEN THE WORK SET FORTH ON THESE PLANS AND THE WORK IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE START OF CONSTRUCTION.
- 9. CONTRACTOR SHALL REPLACE OR REPAIR, AT HIS OWN EXPENSE, ALL DAMAGED, REMOVED OR OTHERWISE DISTURBED WALLS, FENCES, CURBS, ABOVE-GRADE IMPROVEMENTS OR PHYSICAL FEATURES OF WHATEVER NATURE TO THEIR ORIGINAL CONDITIONS, WHETHER SPECIFICALLY INDICATED ON THE PLANS OR NOT. THIS NOTE APPLIES TO DAMAGE BY THE CONTRACTOR OUTSIDE THE IMMEDIATE AREA OF THE WORK.
- 10. ALL TRENCHING OPERATIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF TITLE 8 (CAL/OSHA).
- 11. HAND TUNNELING/DIGGING WILL BE REQUIRED FOR EXCAVATION WORK IN WHICH EXISTING UTILITIES ARE WITHIN 24" OR LESS VERTICALLY OR HORIZONTALLY OF THE TRENCH LINE.
- 12. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL CERTIFY THAT ALL WORK WAS PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. VARIATIONS SHALL BE DECLARED AND PRESENTED TO THE OWNERS REPRESENTATIVE IN WRITING UPON COMPLETION OF CONSTRUCTION.
- 13. ALL SITE WORK SHALL BE IN CONFORMANCE WITH TITLE 24 OF THE CALIFORNIA ADMINISTRATIVE CODE AND WITH THE AMERICANS WITH DISABILITIES ACT.
- 14. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN CONTROL OF THE ENTIRE CONSTRUCTION OPERATION AND TO THIS END KEEP THE ENTIRE SITE FREE FROM EROSION. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE AND EFFECTIVE FOR THE DURATION OF ACTIVITY.
- 15. THE OWNER'S REPRESENTATIVE WILL NOT DIRECTLY CONTROL THE PHYSICAL ACTIVITIES OF THE CONTRACTOR OR ANY SUBCONTRACTORS. CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR WORKING CONDITIONS ON THE JOB SITE. INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- 16. IN THE EVENT OF THE ENCOUNTER OF SUBSURFACE MATERIALS SUSPECTED TO BE AN ARCHAEOLOGICAL OR PALEONTOLOGICAL NATURE. ALL GRADING OR EXCAVATION SHALL CEASE IN THE IMMEDIATE AREA AND THE FIND LEFT UNTOUCHED. APPLICANT SHALL SELECT AND PROVIDE A QUALIFIED PROFESSIONAL ARCHAEOLOGIST CERTIFIED BY THE REGISTER OF PROFESSIONAL ARCHAEOLOGISTS OR PALEONTOLOGIST WITH A DEGREE IN PALEONTOLOGY OR GEOLOGY, TO EVALUATE. THE RECOMMENDATION OF THE QUALIFIED PROFESSIONAL SHALL BE IMPLEMENTED BEFORE WORK MAY PROCEED. THE APPLICANT SHALL BE LIABLE FOR ALL COSTS ASSOCIATED THEREWITH.
- 17. THE CONTRACTOR SHALL NOTIFY THE CITY OF OAKLAND/CALTRANS A MINIMUM OF FORTY EIGHT (48) HOURS PRIOR TO COMMENCING WORK.
- 18. UNLESS OTHERWISE NOTED, CONCRETE SHALL BE CLASS "A" CONFORMING TO CITY OF OAKLAND STANDARD SPECIFICATIONS.
- 19. EXPANSION JOINTS SHALL BE PROVIDED IN CITY OF OAKLAND CONCRETE SIDEWALKS AND CURBS AT INTERVALS OF 20 FEET AND WHERE CONCRETE PAVING ABUTS CURBS OR OTHER STRUCTURES. JOINT MATERIALS SHALL BE PLACED WITH TOP EDGE  $\frac{1}{2}$ " BELOW THE PAVED SURFACE. EXPANSION JOINT FILLER MATERIAL SHALL CONFORM TO ASTM D1751, "SONOFLEX-F", OR EQUAL.
- 20. APPLICABLE CITY OF OAKLAND NOTES FOR WORK IN THE PUBLIC RIGHT-OF-WAY:
- A) TYPE OF SANITARY SEWER PIPE MAY BE VITRIFIED CLAY PIPE-HIGH STRENGTH (VCP-HS, CLASS II DUCTILE IRON PIPE, OR HDPE SDR-11 PIPE. TYPE OF STORM DRAIN PIPE MAY BE HDPE OR RCP.

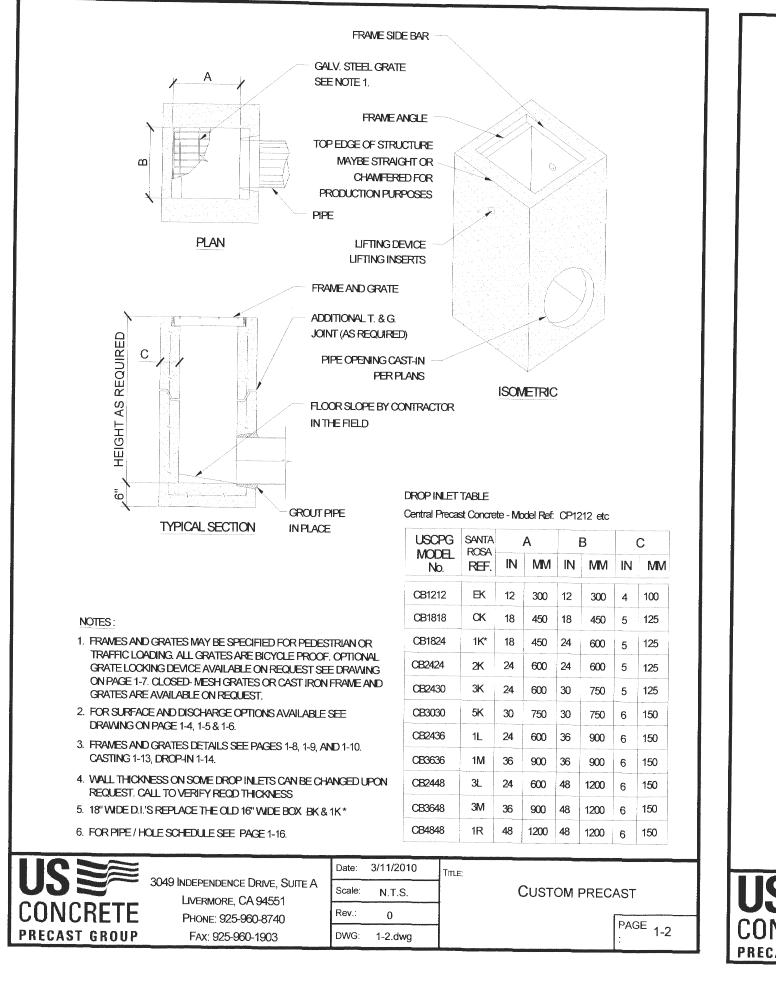
B) MINIMUM COVER OVER PIPE IS 3 FEET IN EASEMENTS AND 3.5 FEET IN STREETS, OR CONCRETE BEDDING IS REQUIRED (CITY OF OAKLAND STANDARD DETAIL SHEET D-1, OR CLASS II DUCTILE IRON PIPE IS REQUIRED.

- C) CHECK DAMS AND PIPE ANCHORS MAY BE REQUIRED IF DIRECTED BY THE ENGINEER. D) CONCRETE EROSION PROTECTION MAY BE REQUIRED IF DIRECTED BY THE ENGINEER.
- E) PAVEMENT REPLACEMENT TYPE SHALL BE THE EQUIVALENT OF EXISTING PAVEMENT SECTION OR BETTER (SEE CITY OF OAKLAND STANDARD DETAIL SHEET D-22.0 & D-22.1). ALL REPLACEMENT SECTIONS SHALL COMPLY WITH CITY OF OAKLAND STANDARDS.

F) IF A CONFLICT OCCURS DURING CONSTRUCTION THAT REQUIRES A CHANGE IN DESIGN, THE CONTRACTOR SHALL CONTACT THE PRIVATE ENGINEER OR HIS/HER REPRESENTATIVE IN CHARGE FOR A SOLUTION. IF SUCH A CHANGE CAN BE MADE WITHOUT DELAY AND TO THE SATISFACTION OF THE CITY INSPECTOR, THEN THE WORK MAY PROCEED. IF A CHANGE CANNOT BE MADE WITHOUT DELAY, THEN THE CONTRACTOR SHALL STOP HIS/HER OPERATIONS UNTIL SUCH A TIME THAT THE PRIVATE ENGINEER'S SUBMITTED A REVISED PLAN OF THE DESIGN CHANGE TO THE CITY FOR APPROVAL. CONSTRUCTION OF THE PART OF THE PROJECT CAN COMMENCE AFTER THE CITY HAS APPROVED THE PLAN.



|  | NOTES:<br>1. Excavated material shall  | not be used to fill voids caused  | by overexecution:   |
|--|--|---|---|
| ABLE DEPTH   | such voids shall be filled   | with compacted bedding materia<br>e payment will be made for over   | I. Unless directed by   |
| PER<br>TION 306-1.5.2  |  | shall conform to Subsection 306-  |   |
|  | 200–2.4) or better. Th   | nform to crushed miscellaneous be<br>e base material must be approved<br>are generally payed with either AC                               | by the Engineer.  |
| *  | combination of the two.  | are generally paved with either AC<br>The existing pavement may diffe<br>ype (A to F) indicated an the pla                                | r from the  |
|  | 5. Compaction by jetting is  | not permitted.  |   |
| IEERING DOCUMENT BUT AN<br>XIY OF OAKLAND STANDARD<br>CITON IS AVALIABLE FOR<br>VISTRATION DEPARTMENT. | 6. When flexible pipe (HDPE<br>line, compacted and bac   | , etc.) is used, pipe shall be bac<br>kfill tested prior to completing ini  | kfilled to the spring<br>tial backfill.   |
|  |  | ry resurfacing shall be a minimum<br>nd shall be removed prior to plac  |   |
|  |  | d and results shall be approved l   | by the Engineer prior   |
| AREAS  | joint is constructed due<br>Contractor shall remove<br>across the entire bike lo   | seams are allowed in bike lanes.<br>to the Contractor's work or this<br>a minimum of 2" of asphalt from<br>ine using a method approved by | requirement, the<br>1 the pavement  |
| UNIMPROVED AREAS   | 10. During backfill operations   | to the Engineer's satisfaction.<br>a, the trench shall be backfilled, c<br>y utilities crossing the trench befo                           | compacted, and tested<br>pre proceeding with  |
|  |  | e, measurement for payment of c   |   |
|  | shall be based upon the<br>trench width for 8" pipe  | nporary paving (when listed as se<br>trench widths defined on this de<br>shall be 30".  | tail. The lower   |
| 90% COMPACTION   |  | s of excavation and between pavir<br>Ilsion before placing asphalt—conc   |   |
| <b>X</b> 06  | 13. If the distance to the e   | dge of gutter is less than 3' fron<br>nt shall extend to the edge of ex   |   |
|  | should be repayed with   | paving consists of rubberized AC,<br>the equivalent pavement section o  | f rubberized AC. As   |
| IG IF  | thickness of the rubberiz  | aded AC section equivalent to two<br>zed AC may be substituted.   | -umes the the   |
| ËNĜINEER   |  | <b></b>   |   |
|  |  | ELEC<br>DETA  | :: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN<br>THONIC DUPLICATE. THE SIGNED CITY OF GAKLAND STANDARD<br>ILS FOR PUBLIC WORKS CONSTRUCTION IS AVAILABLE FOR<br>HASE FROM THE CONTRACT ADMINISTRATION DEPARTMENT. |
|  | CITY OF OAKLAND DE   | SIGN AND CONSTRUCTION   | SERVICES DEPARTMENT   |
| SIGN MANAGER<br>ARY 2002 DWG.  | TRE  | NCH DETAIL  | ENGINEERING DESIGN MANAGER  |
|  |  |   |   |
| C 39863  | REFERENCES<br>FIELD BOOK No.<br>FILE MAP:<br>TITLE CO.:<br>POLICY No.:   | LAND SURVEY   | C1.<br>AVIO & REI, INC.<br>DRS – CIVIL ENGINEERS<br>N PABLO AVENUE<br>CALIFORNIA 94564  |
|  | datum: CITY OF OAKLAND<br>MISC. REF.:<br>4-2-20: REVISE BOUNDARY   | CIVIL NOT   | scription<br>T <b>ES &amp; DETAILS</b><br>S P-JOB PERMIT #PX19000   |
| * CIVIL<br>OF CIVIL  | MISC. REF.:  | DE<br>CIVIL NOT<br>PUBLIC IMPROVEMENT.  |   |
| *  | MISC. REF.:<br>4-2-20: REVISE BOUNDARY<br>& EASEMENT INFO<br>REVISIONS<br>1-20-20: REVISE FRONTAGE<br>IMPROVEMENTS, ADD EASEMENT INF | DE<br>CIVIL NOT<br>PUBLIC IMPROVEMENT<br>1608, 1612 & 1618<br>OAKLAND   | <b>TES &amp; DETAILS</b><br>S P–JOB PERMIT #PX19000<br>3 32nd St. IMPROVEMENTS<br>CALIFORN  |



- CURB LINE

BATTER

CURB GRADE

- GUTTER-

TYPE "A"

- CURB LINE

I BATTER

CURB GRADE

- CUR

TYPE "C"

SLOPE 2% MIN. - 3-1/2" CONCRETE SIDEWALK

CONCRETE CURB B. GUTTER

I. OMIT THIS PORTION OF CURB AT DRIVEWAYS.

2. STANDARD SLOPE EXCEPT AS SHOWN ON PLANS.

3. PLACE 4" OF PROCESSED MISCELLANEOUS BASE UNDER CURB,

PROFILE

CONCRETE

CURB AND GUTTER

-----

NOTES:

CITY OF OAKLAND

1/2'R ·

1/2'R

- CURB LINE

\_\_\_\_\_ HI" BATTER\_\_\_

CUR

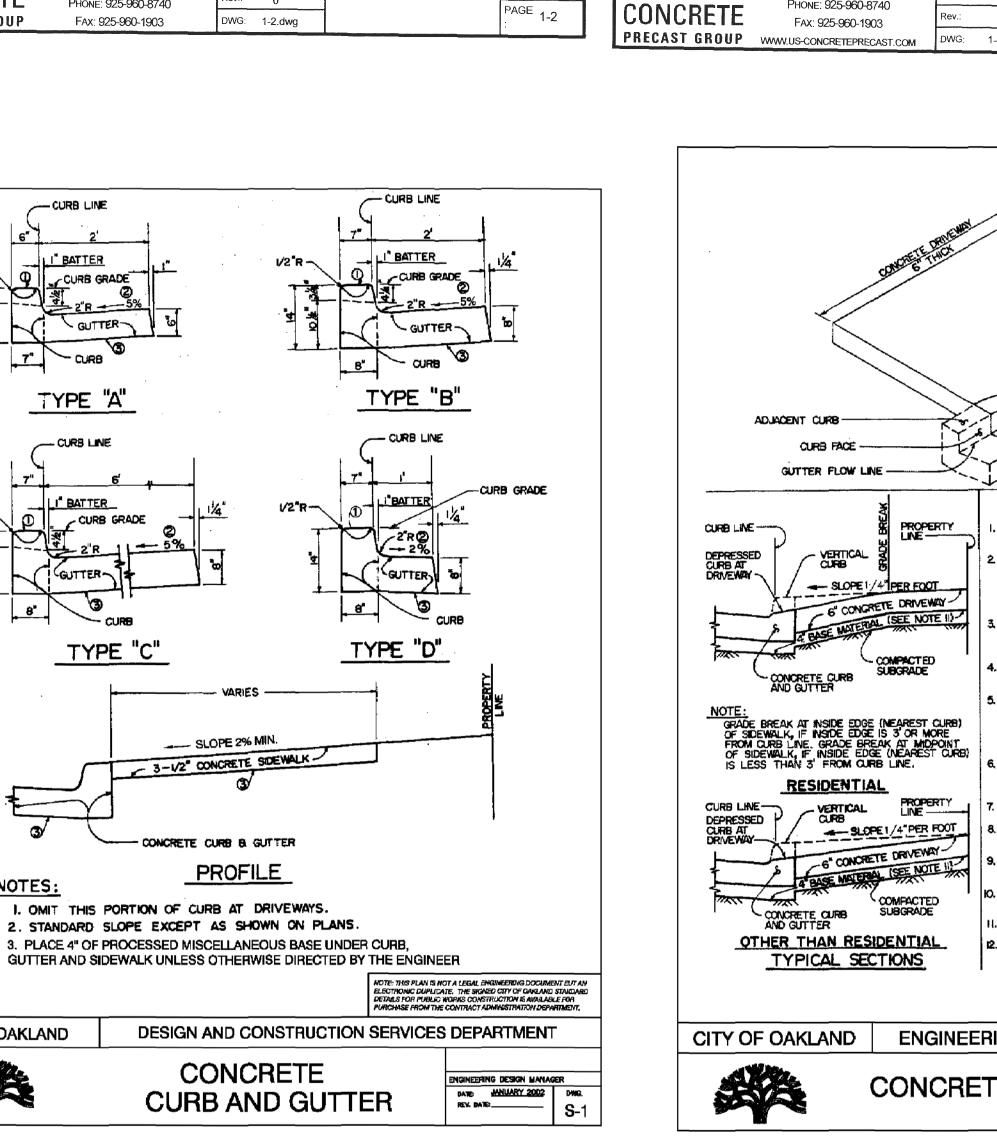
- CURB LINE

GUTTER

TYPE "D"

в"

V2"R~



GALVANIZED WELDED

(1) PEDESTRIAN OR TRAFFIC

FRAME AND GRATE

(4) FLAT TOP WITH

PROTRUDING REBAR

COUNTER DRILLED

HEX. HEAD BOLTS

TYPICAL EA. CORNER

HOLES FOR 1/2"

1/2" INSERTS

REDWOOD COVER AND

SIDE OPENING

AS REQIURED

(SPECIFY SIZE

SEE PAGE 1-4)

COMPLETE CUSTOM INLET

AND LOCATION

1. ANY SURFACE OPTION SHOWN HERE MAY

2. FRAMES AND GRATES MUST BE SPECIFIED

BECOMBINED WITH ANY OF THE DISCHARGE

OPTIONS, SHOWN ON PAGE 1-5, TO CREATE A

ARE DESIGNED FOR H20 HIGHWAY LOADING.

3049 INDEPENDENCE DRIVE, SUITE A

LIVERMORE, CA 94551

PHONE: 925-960-8740

SIDE OPENINGS

NOTES :

ANGLE

LIFTING DEVICE,

#4 PROTRUDING

REBAR AT 10" O.C

(SPECIFY LENGTH)

PLATE COVER

(5) FLAT TOP

2" NOMINAL CLEAR

HEART REDWOOD

COVER; SEE

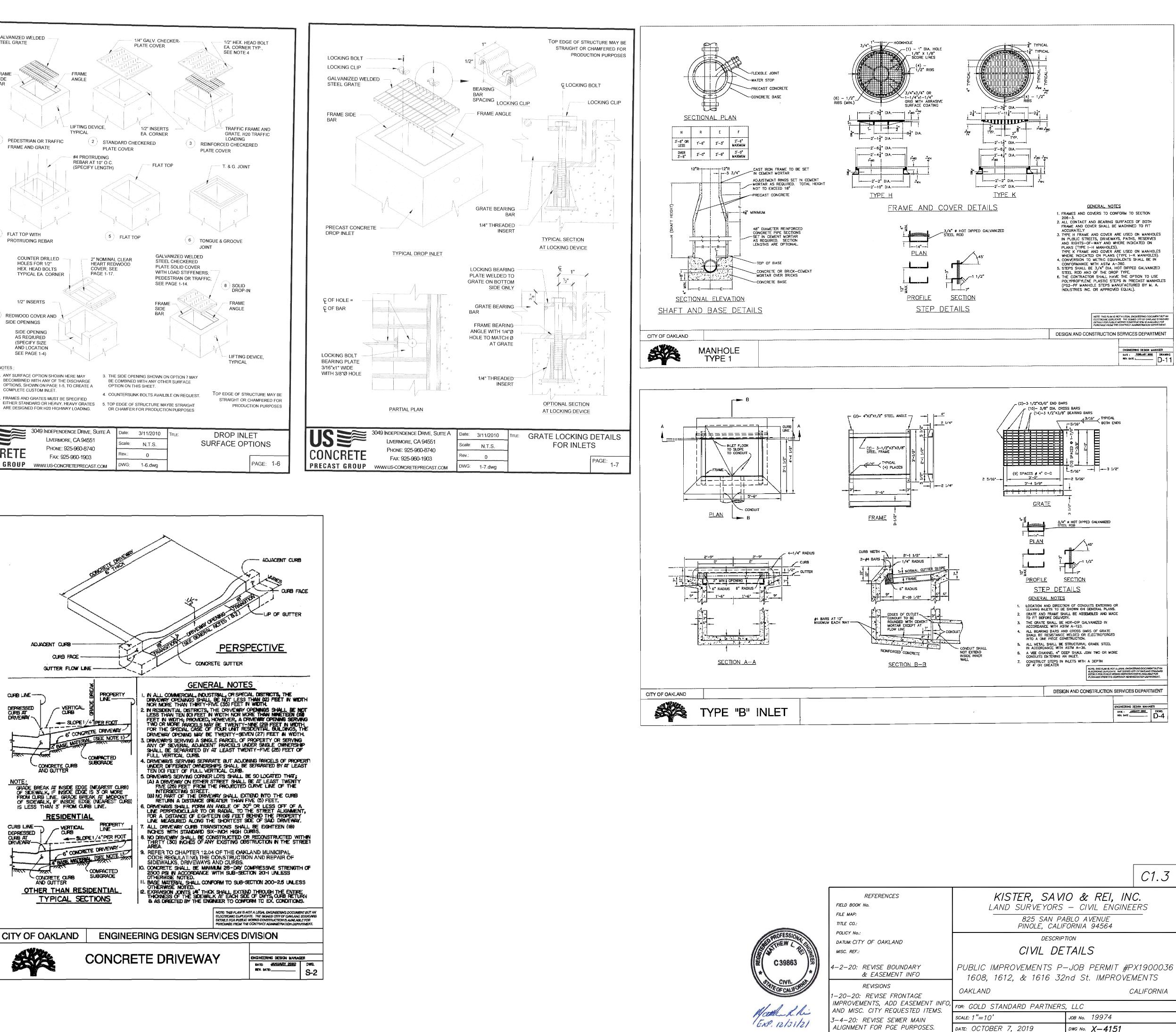
PAGE 1-17

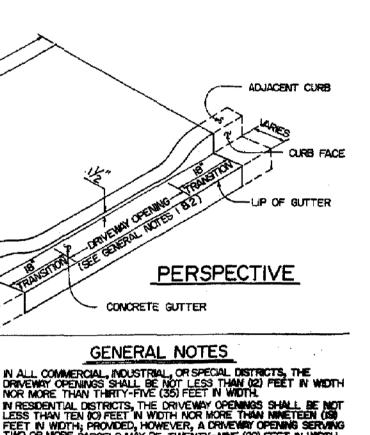
TYPICAL

STEEL GRATE

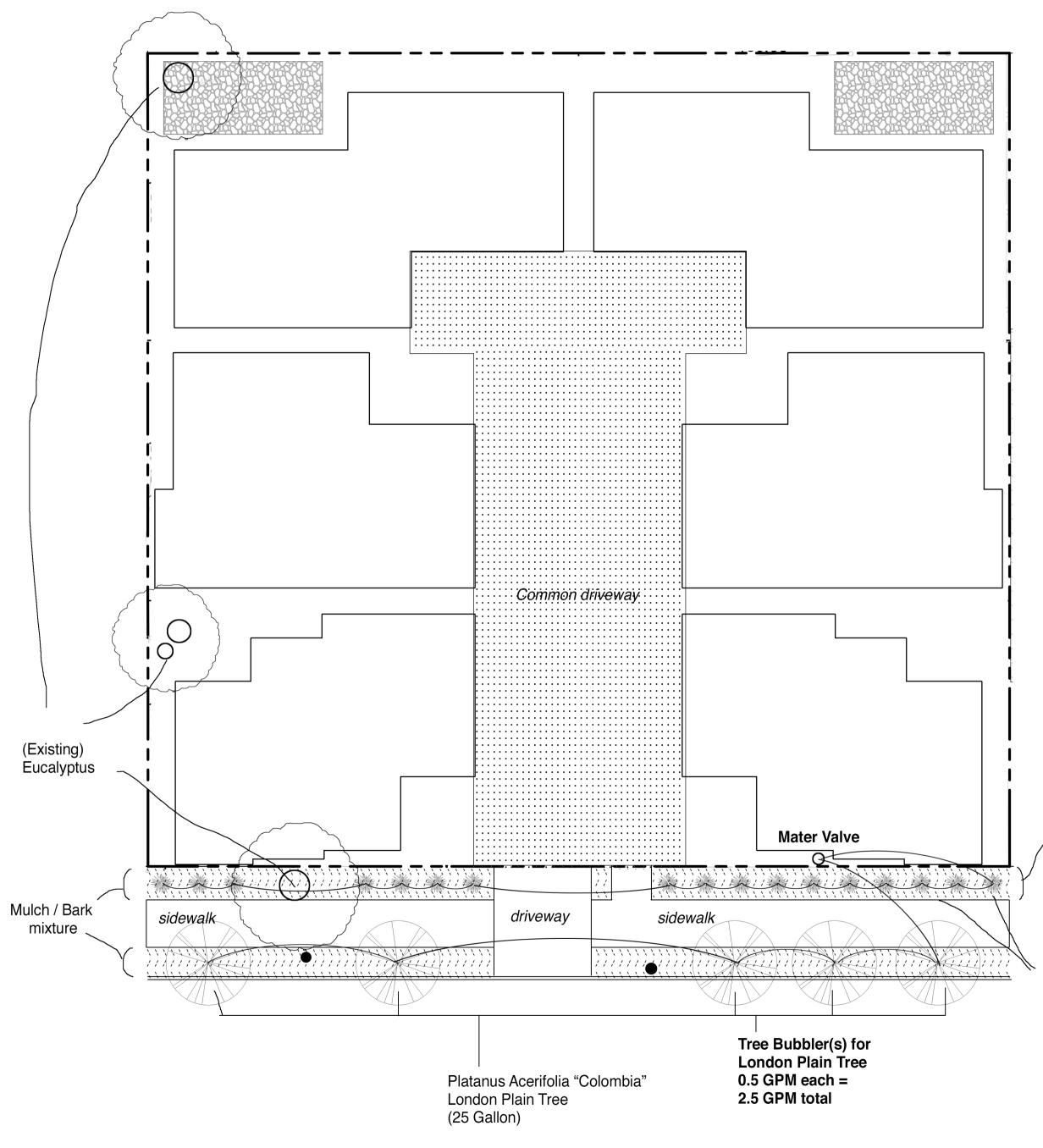
SIDE BAR





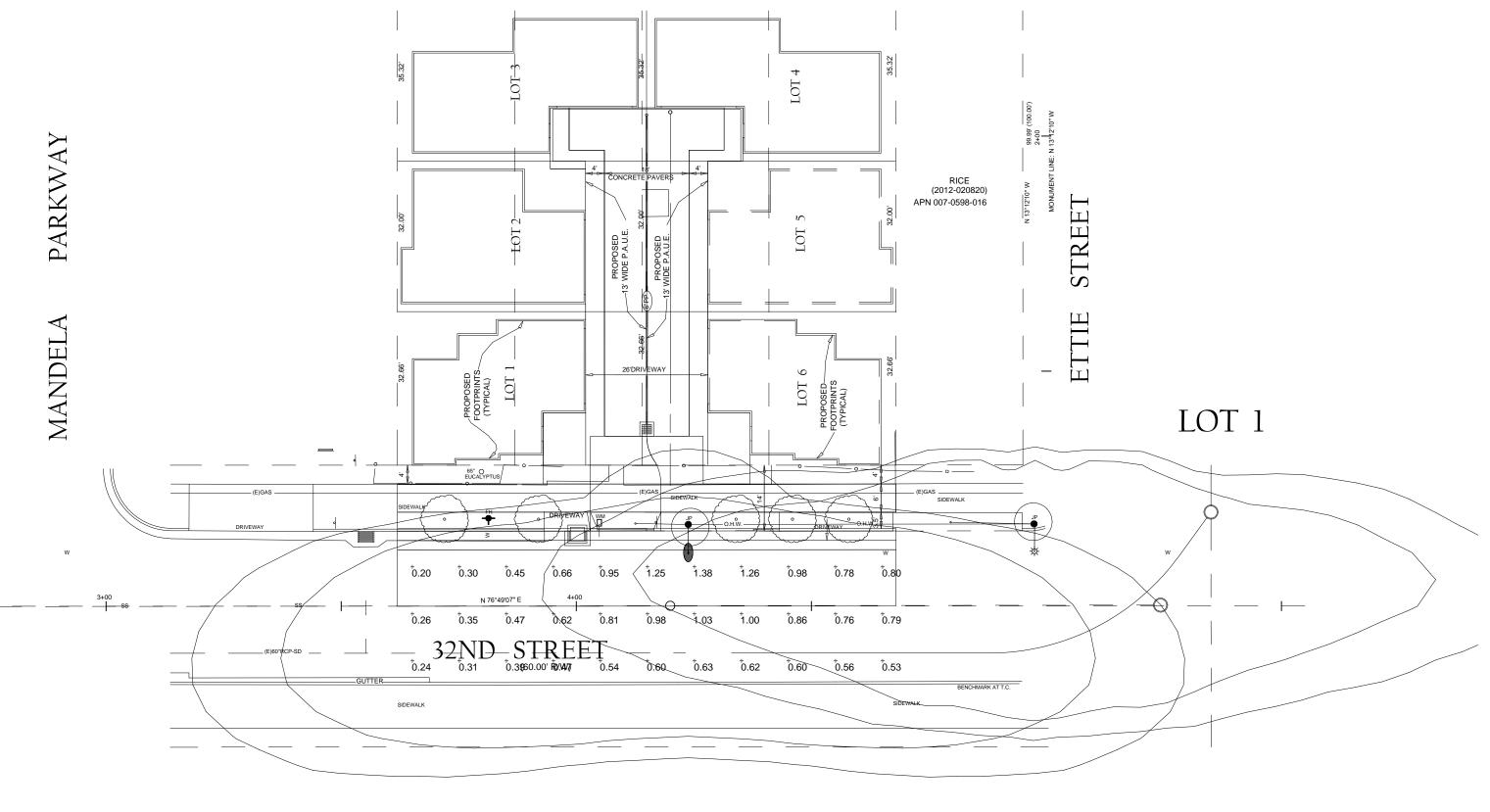


| NG DESIGN SERVICES DI | VISION  |             |
|-----------------------|---|-------------|
| E DRIVEWAY            | ENCIHEERING DESIGN MANAG<br>DATE: <u>MNUARY 2002</u><br>NEV DATE: | pwg.<br>S-2 |
|                       |   |             |



(N) PLANTS (\*mixture of following - all max 5 gallons: Shrub: Myrica California (Pacific Wax Myrtle) Shrub: Salvia Leucantha (mexican Bush Sage) Shrub: Plumbago Royal cape (Royal Cape) Shrub: Ceanothus Phelps (Julia Phelps)

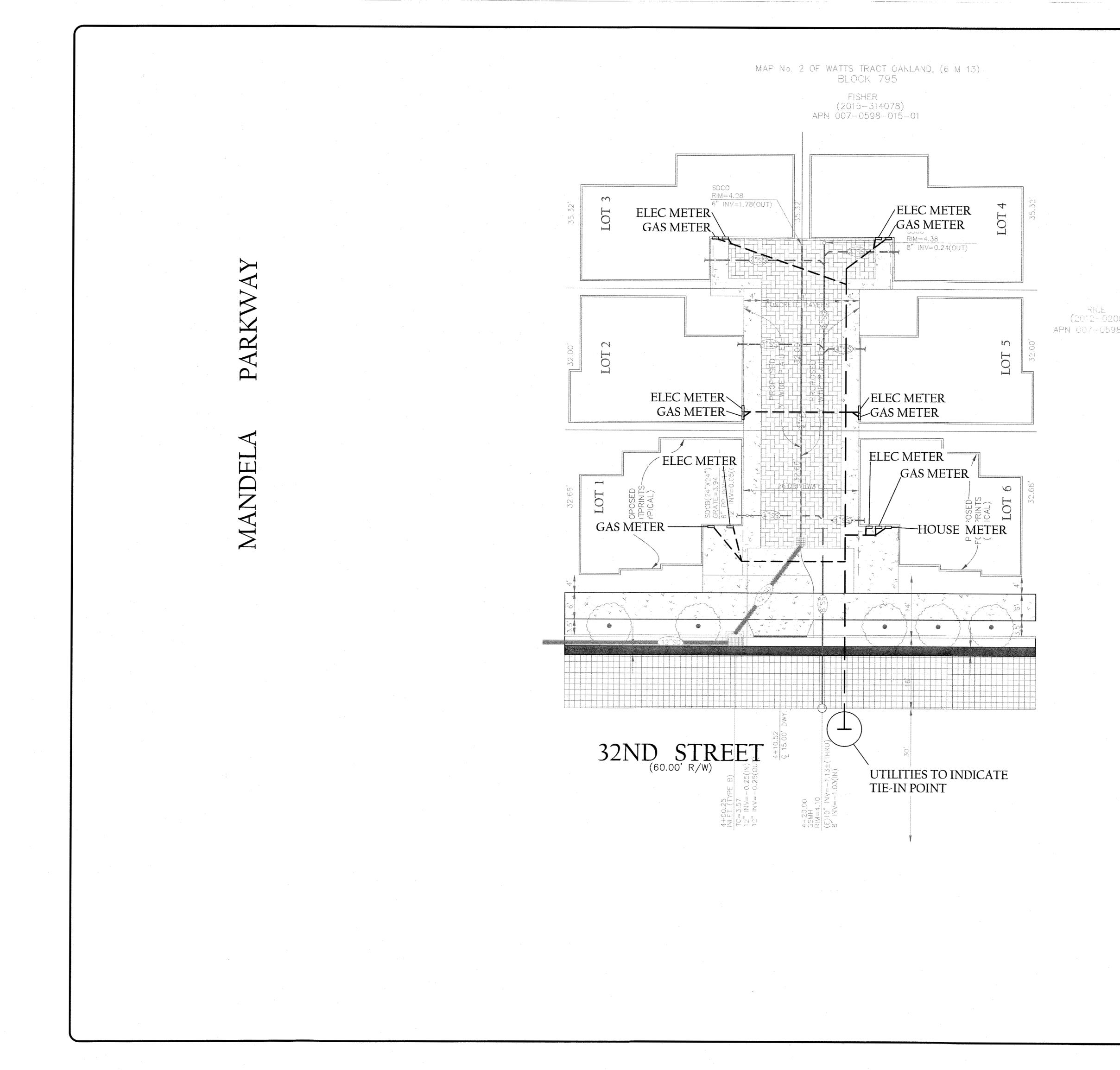
Emitter Drip (throughout) for mixture of shrubs/plants\* 0.2 GPM 3.4 GPM total



| Luminaire Sched   | Luminaire Schedule - LED |         |             |            |             |       |       |       |       |   |
|-------------------|--------------------------|---------|-------------|------------|-------------|-------|-------|-------|-------|---|
| Project: 32nd STI | REET - C                 | DAKLAND |             |            |             |       |       |       |       |   |
| Symbol            | Qty                      | Label   | Arrangement | Lum. Watts | Lum. Lumens | LLF   | LLD   | LDD   | UDF   | Description                                     |
|                   | 1                        | (E)     | SINGLE      | 58         | 3900        | 0.900 | 0.900 | 1.000 | 1.000 | EXISTING 57 LED COBRAHEAD @ 28.5' + 6' ARM      |
|                   | 1                        | BB      | SINGLE      | 38         | 3695        | 0.900 | 0.900 | 1.000 | 1.000 | LUMEC RFS-35W16LED4K-G2-R2M-HS @ 28.5' + 6' ARM |

| Calculation Summary            |             |       |        |      |      |      |         |         |
|--------------------------------|-------------|-------|--------|------|------|------|---------|---------|
| Project: 32nd STREET - OAKLAND |             |       |        |      |      |      |         |         |
| Description                    | CalcType    | Units | Grid Z | Avg  | Max  | Min  | Avg/Min | Max/Min |
| PROJECT FRONTAGE               | Illuminance | Fc    | 0      | 0.68 | 1.38 | 0.20 | 3.40    | 6.90    |

| Filename                     |
|------------------------------|
| ERS1_AXAX740GE456225.IES     |
| RFS-35W16LED4K-G2-R2M-HS.ies |



| · · · ·                               |                |            |        |     |   |   |     |                          |                            |                           |                 | <br>i |   | APPROVAL        | 1                   | 1                   |                          |                     | -                                    |      |
|---------------------------------------|----------------|------------|--------|-----|---|---|-----|--------------------------|----------------------------|---------------------------|-----------------|-------|---|-----------------|---------------------|---------------------|--------------------------|---------------------|--------------------------------------|------|
|                                       |                |            |        |     |   |   |     |                          |                            |                           |                 |       | · | DATE            |                     |                     |                          |                     |                                      |      |
|                                       |                |            |        |     |   |   |     |                          |                            |                           |                 |       |   | BY              | 1                   | 1                   |                          |                     | 1                                    | 1    |
|                                       |                |            | ·<br>· |     | • |   |     |                          |                            |                           |                 |       |   | REVISIONS       |                     |                     | 8                        |                     |                                      |      |
| 320)<br>016                           | N 13°12′10" W  | Г          |        | * . |   |   |     |                          |                            |                           |                 |       |   | NO.             |                     |                     |                          |                     |                                      |      |
| -010                                  |                | Ш          |        |     |   |   |     |                          |                            |                           |                 |       |   |                 |                     |                     |                          |                     | -5858                                | 5454 |
|                                       | MONUMENT LINE: | ETTIE STRI |        |     |   |   |     |                          |                            |                           |                 |       |   | NUISHINE DESIGN |                     | AN IUCG CO.         | UTILITY DESIGN ENGINEERS |                     | 324 CAMPUS LN., STE B (707) 429-5858 |      |
|                                       |                |            |        |     |   |   |     |                          |                            |                           |                 |       |   |                 | IENI                | ENT                 |                          | VT                  | CALIFORNIA                           |      |
| · · · · · · · · · · · · · · · · · · · |                |            |        |     |   | - |     | EXIST.<br>PROP.<br>PROP. | TRENCH<br>TRENCH<br>TRENCH | (as s<br>(distr<br>(servi | ibution<br>ces) |       |   |                 | JUINI INENUA INIENI | MINIIOT DEVELOBMENT |                          | DOGTOWN DEVELOPMENT | <b>OAKLAND</b> 1608-1618 32nd Ave    |      |
|                                       |                |            | 1      | 10  | 5 | 0 | SCA |                          | FEET                       | 2                         | 0               | 30    |   |                 |                     | :<br>1"=<br>0—'     | =10                      |                     | OAK                                  |      |
|                                       |                |            |        |     |   |   | JUA | (1¥                      |                            |                           |                 |       |   | SHE             | 99                  | 0-                  |                          | -D                  |                                      |      |