

City of San Diego

CONTRACTOR'S NAME: _____
ADDRESS: _____
TELEPHONE NO.: _____ FAX NO.: _____
CITY CONTACT: Clementina Giordano - Contract Specialist, Email CGiordano@sandiego.gov
Phone No. (619) 533-3481, Fax No. (619) 533-3633
JGuise/BDoringo/LAD

CONTRACT DOCUMENTS

FOR



BEAR DRIVE WALL

VOLUME 1 OF 2

BID NO.: _____ L-14-5212-DBB-2-A
SAP NO. (WBS/IO/CC): _____ S-10093
CLIENT DEPARTMENT: _____ 2116
COUNCIL DISTRICT: _____ 2
PROJECT TYPE: _____ IF

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

- THE CITY'S SUBCONTRACTING PARTICIPATION REQUIREMENTS FOR SLBE PROGRAM.
- COMPETITION RESTRICTED TO: SLBE-ELBE or ELBE FIRMS ONLY.
- PREVAILING WAGE RATES: STATE FEDERAL

BID DUE DATE:

**1:30 PM
DECEMBER 3, 2013
CITY OF SAN DIEGO
PUBLIC WORKS DEPARTMENT
1010 SECOND AVENUE, SUITE 1400, MS 614C
SAN DIEGO, CA 92101**

ENGINEER OF WORK

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



For City Engineer

10-21-13
Date

Seal:

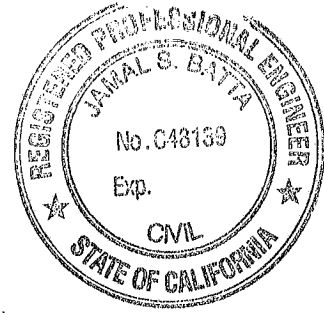


TABLE OF CONTENTS

1. NOTICE INVITING BIDS.....	4
2. CONTRACT FORMS AGREEMENT.....	18
3. CONTRACT/AGREEMENTS ATTACHMENTS:	
1. Performance Bond and Labor and Materialmen’s Bond.....	22
2. Drug-Free Workplace.....	24
3. American with Disabilities Act (ADA) Compliance Certification	25
4. Contractor Standards - Pledge of Compliance Certificate.....	26
5. Affidavit of Disposal Certificate	27
4. SUPPLEMENTARY SPECIAL PROVISIONS	28
5. SUPPLEMENTARY SPECIAL PROVISIONS - APPENDICES:	
A. Notice of Exemption.....	39
B. Fire Hydrant Meter Program	41
C. Materials Typically Accepted by Certificate of Compliance	55
D. Sample City Invoice	57
E. Hazardous Labels/Forms	59
F. Geotechnical Investigation	64

CITY OF SAN DIEGO, CALIFORNIA

NOTICE INVITING BIDS

1. **LIMITED COMPETITION:** This contract may only be bid by the Contractors on the City's approved SLBE-ELBE Construction Contractors List. For information regarding the SLBE-ELBE Construction Program and registration visit the City's web site: <http://www.sandiego.gov>.
2. **RECEIPT AND OPENING OF BIDS:** Bids will be received at the Public Works Contracting Group at the location, time, and date shown on the cover of these specifications for performing work on **Bear Drive Wall** (Project).
3. **DESCRIPTION OF WORK:** The Work involves furnishing all labor, materials, equipment, services, and other incidental works and appurtenances for the construction of the Project as described below:

To remove and replace an approximate 85 feet section of retaining wall and roadway along Bear Drive.

3.1. The Work shall be performed in accordance with:

3.1.1. This Notice Inviting Bids and Plans numbered **37045-1-D** thru **37045-8-D**, inclusive.

4. EQUAL OPPORTUNITY

4.1. To The WHITEBOOK, Chapter 10, Sections D and E, DELETE in their entirety and SUBSTITUTE with the following:

D. CITY'S EQUAL OPPORTUNITY COMMITMENT.

1. Nondiscrimination in Contracting Ordinance.

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

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

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

2. Disclosure of Discrimination Complaints. As part of its Bid or Proposal, the Bidder shall provide to the City a list of all instances within the past 10 years where a complaint was filed or pending

against Bidder in a legal or administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors, or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.

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

E. EQUAL EMPLOYMENT OPPORTUNITY OUTREACH PROGRAM.

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

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

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

2. If the Contract is competitively solicited, the selected Bidder shall submit a Work Force Report (Form BB05), within 10 Working Days after receipt by the Bidder of Contract forms to the City for approval as specified in the Notice of Intent to Award letter from the City.
3. If a Work Force Report is submitted, and the City determines there are under-representations when compared to County Labor Force Availability data, the selected Bidder shall submit an Equal Employment Opportunity Plan.
4. If the selected Bidder submits an Equal Employment Opportunity Plan, it shall include the following assurances:

1. The Contractor shall maintain a working environment free of discrimination, harassment, intimidation and coercion at all sites and in all facilities at which the Contractor's employees are assigned to work.
2. The Contractor reviews its EEO Policy, at least annually, with all on-site supervisors involved in employment decisions.
3. The Contractor disseminates and reviews its EEO Policy with all employees at least once a year, posts the policy statement and EEO posters on all company bulletin boards and job sites, and documents every dissemination, review and posting with a written record to identify the time, place, employees present, subject matter, and disposition of meetings.
4. The Contractor reviews, at least annually, all supervisors' adherence to and performance under the EEO Policy and maintains written documentation of these reviews.
5. The Contractor discusses its EEO Policy Statement with subcontractors with whom it anticipates doing business, includes the EEO Policy Statement in its subcontracts, and provides such documentation to the City upon request.
6. The Contractor documents and maintains a record of all bid solicitations and outreach efforts to and from subcontractors, contractor associations and other business associations.
7. The Contractor disseminates its EEO Policy externally through various media, including the media of people of color and women, in advertisements to recruit, maintains files documenting these efforts, and provides copies of these advertisements to the City upon request.
8. The Contractor disseminates its EEO Policy to union and community organizations.
9. The Contractor provides immediate written notification to the City when any union referral process has impeded the Contractor's efforts to maintain its EEO Policy.
10. The Contractor maintains a current list of recruitment sources, including those outreaching to people of color and women, and provides written notification of employment opportunities to these recruitment sources with a record of the organizations' responses.
11. The Contractor maintains a current file of names, addresses and phone numbers of each walk-in applicant, including people of color and women, and referrals from unions, recruitment sources, or community organizations with a description of the employment action taken.
12. The Contractor encourages all present employees, including people of color and women employees, to recruit others.

13. The Contractor maintains all employment selection process information with records of all tests and other selection criteria.
14. The Contractor develops and maintains documentation for on-the-job training opportunities, participates in training programs, or both for all of its employees, including people of color and women, and establishes apprenticeship, trainee, and upgrade programs relevant to the Contractor's employment needs.
15. The Contractor conducts, at least annually, an inventory and evaluation of all employees for promotional opportunities and encourages all employees to seek and prepare appropriately for such opportunities.
16. The Contractor ensures the company's working environment and activities are non-segregated except for providing separate or single-user toilets and necessary changing facilities to assure privacy between the sexes.

5. SUBCONTRACTING PARTICIPATION PERCENTAGES.

- 5.1. The City has incorporated voluntary subcontractor participation percentage to enhance competition and maximize subcontracting opportunities as follows.
- 5.2. The following voluntary subcontractor participation percentage for DBE, DVBE, WBE, MBE, SLBE, and ELBE certified Subcontractors shall apply to this contract:

Total voluntary subcontractor participation percentage for this project is 17%.

6. PRE-BID MEETING:

- 6.1. There will be a Pre-Bid Meeting to discuss the scope of the Project, bidding requirements, pre-qualification process, and Equal Opportunity Contracting Program requirements and reporting procedures in the Public Works Contracting Group, Conference Room at 1010 Second Avenue, Suite 1400, San Diego, CA 92101 **at 10:00 A.M., on November 5, 2013.**
- 6.2. All potential bidders are encouraged to attend.
- 6.3. To request a copy of the agenda on an alternative format, or to request a sign language or oral interpreter for this meeting, call the Public Works Contracting Group at (619) 533-3450 at least 5 Working Days prior to the Pre-Bid Meeting to ensure availability.

7. CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM:

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

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

7.2. The City may not award the contract until registration of all subcontractors and suppliers is complete. In the event this requirement is not met within the time frame specified in the Notice of Intent to Award letter, the City reserves the right to rescind the Notice of Award / Intent to Award and to make the award to the next responsive and responsible bidder / proposer.

8. CONSTRUCTION COST: The City’s estimated construction cost for this contract is **\$251,000**.

9. LOCATION OF WORK: The location of the Work is as follows:

Approximately 85 feet of roadway that is adjacent to 3535 and 3545 Bear Drive.

10. CONTRACT TIME: All work (except plant establishment period work) shall be diligently prosecuted to completion within the expiration of **SIXTY (60)** working days from the date of the issuance of a Notice to Proceed. The plant establishment period shall extend **ONE HUNDRED AND EIGHTY (180)** calendar days from the acceptance of the construction work.

11. CONTRACTOR'S LICENSE CLASSIFICATION: In accordance with the provisions of California Law, the Contractor shall possess valid appropriate license(s) at the time that the Bid is submitted. Failure to possess the specified license(s) shall render the Bid as **non-responsive** and shall act as a bar to award of the Contract to any Bidder not possessing required license(s) at the time of Bid.

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

- CLASS A

12. JOINT VENTURE CONTRACTORS. Provide a copy of the Joint Venture agreement and the Joint Venture license to the City within 10 Working Days after receiving the Contract forms. See 2-1.1.2, “Joint Venture Contractors” in The WHITEBOOK for details

13. PREVAILING WAGE RATES: Prevailing wage rates apply to this contract.

13.1. STATE REQUIREMENTS FOR CONTRACTS SUBJECT TO STATE PREVAILING WAGE REQUIREMENTS.

13.1.1. In accordance with the provisions of California Labor Code Sections 1770, et seq. as amended, the Director of the Department of Industrial Relations has determined the general prevailing rate of per diem wages in accordance

with the standards set forth in such Sections for the locality in which the Work is to be performed. Copies of the prevailing rate of per diem wages may be found at http://www.dir.ca.gov/dlsr/statistics_research.html. The Contractor shall post a copy of the above determination of the prevailing rate of per diem wages at each job site and shall make them available to any interested party on request.

13.1.2. Pursuant to Sections 1720 et seq., and 1770 et seq., of the California Labor Code the Contractor any Subcontractor shall pay not less than said specified rates determined by the Director of the California Department of Industrial Relations to all workmen employed by them in the execution of the Work.

13.1.3. The wage rates determined by the Director of Industrial Relations and published in the Department of Transportation publication entitled, "General Prevailing Wage Rates", refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, said published rate of wage shall be in effect for the life of this contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the Department of Industrial Relations, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this contract, each successive predetermined wage rate shall apply to this contract on the date following the expiration date of the previous wage rate. If the last of such predetermined wage rates expires during the life of this contract, such wage rate shall apply to the balance of the contract.

13.1.4. The successful bidder intending to use a craft or classification not shown on the prevailing rate determinations may be required to pay the rate of the craft or classification most closely related to it.

14. INSURANCE REQUIREMENTS:

14.1. All certificates of insurance and endorsements required by the contract are to be provided upon issuance of the City's Notice of Intent to Award letter.

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

15. PREQUALIFICATION OF CONTRACTORS:

15.1. Contractors submitting Bid must be pre-qualified for the total amount proposed, inclusive of all alternate items prior to the date of submittal. Bids from contractors who have not been pre-qualified as applicable and Bids that exceed the maximum

dollar amount at which contractors are pre-qualified will be deemed **non-responsive** and ineligible for award. Complete information and prequalification questionnaires are available at:

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

15.2. The completed questionnaire, financial statement, and bond letter or a copy of the contractor’s SLBE-ELBE certification and bond letter, must be submitted no later than 2 weeks prior to the bid opening to the Public Works Department - Contracting Group, Prequalification Program, 1010 Second Avenue, Suite 1400, San Diego, CA 92101. For additional information or the answer to questions about the prequalification program, contact David Stucky at 619-533-3474 or dstucky@sandiego.gov.

16. REFERENCE STANDARDS: Except as otherwise noted or specified, the Work shall be completed in accordance with the following standards:

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

17. CITY'S RESPONSES AND ADDENDA: The City at its option, may respond to any or all questions submitted in writing, via letter, or FAX in the form of an addendum. No oral comment shall be of any force or effect with respect to this solicitation. The changes to the Contract Documents through addendum are made effective as though originally issued with the Bid. The Bidders shall acknowledge the receipt of Addenda on the form provided for this purpose in the Bid.

18. CITY'S RIGHTS RESERVED: The City reserves the right to cancel the Notice Inviting Bids at any time, and further reserves the right to reject submitted Bids, without giving any reason for such action, at its sole discretion and without liability. Costs incurred by the Bidder(s) as a result of preparing Bids under the Notice Inviting Bids shall be the sole

responsibility of each bidder. The Notice Inviting Bids creates or imposes no obligation upon the City to enter a contract.

- 19. CONTRACT PRICING FORMAT:** This solicitation is for a Lump Sum contract with Unit Price provisions as set forth in the Bid Proposal Form(s), Volume 2.
- 20. SUBMITTAL OF “OR EQUAL” ITEMS:** See Section 4-1.6, “Trade Names or Equals” in The WHITEBOOK and as amended in the SSP.
- 21. AWARD PROCESS:**
 - 21.1.** The Award of this contract is contingent upon the Contractor’s compliance with all conditions precedent to Award.
 - 21.2.** Upon acceptance of a Bid, the City will prepare contract documents for execution within approximately 21 days of the date of the Bid opening and award the Contract approximately within 7 days of receipt of properly executed Contract, bonds, and insurance documents.
 - 21.3.** This contract will be deemed executed, and effective, only upon the signing of the Contract by the Mayor or designee of the City.
- 22. SUBCONTRACT LIMITATIONS:** The Bidder’s attention is directed to Standard Specifications for Public Works Construction, Section 2-3, “SUBCONTRACTS” in The WHITEBOOK and as amended in the SSP which requires the Contractor to self perform the amount therein stipulated. Failure to comply with these requirements may render the Bid **non-responsive** and ineligible for award.
- 23. AVAILABILITY OF PLANS AND SPECIFICATIONS:** Contract Documents may be obtained by visiting the City’s website: <http://www.sandiego.gov/cip/>. Plans and Specifications for this contract are also available for review in the office of the City Clerk or Public Works Contracting Group.
- 24. QUESTIONS:**
 - 24.1.** The Director (or designee), of the Public Works Department is the officer responsible for opening, examining, and evaluating the competitive Bids submitted to the City for the acquisition, construction and completion of any public improvement except when otherwise set forth in these documents. All questions related to this procurement action shall be addressed to the Public Works Contracting Group, Attention Contract Specialist, 1010 Second Avenue, Suite 1400, San Diego, California, 92101, and Telephone No. (619) 533-3450.
 - 24.2.** Questions received less than 14 days prior to the date for opening of Bids may not be answered.
 - 24.3.** Interpretations or clarifications considered necessary by the City in response to such questions will be issued by Addenda which will be uploaded to the City’s online bidding service.

- 24.4. Only questions answered by formal written addenda will be binding. Oral and other interpretations or clarifications will be without legal effect. It is the Bidder's responsibility to become informed of any Addenda that have been issued and to include all such information in its Bid.
25. **ELIGIBLE BIDDERS:** No person, firm, or corporation shall be allowed to make, file, or be interested in **more** than one (1) Bid for the same work unless alternate Bids are called for. A person, firm or corporation who has submitted a sub-proposal to a Bidder, or who has quoted prices on materials to a Bidder, is not hereby disqualified from submitting a sub-proposal or quoting prices to other Bidders or from submitting a Bid in its own behalf. Any Bidder who submits more than one bid will result in the rejection of all bids submitted.
26. **SAN DIEGO BUSINESS TAX CERTIFICATE:** The Contractor and Subcontractors, not already having a City of San Diego Business Tax Certificate for the work contemplated shall secure the appropriate certificate from the City Treasurer, Civic Center Plaza, first floor and submit to the Contract Specialist upon request or as specified in the Contract Documents. Tax Identification numbers for both the Bidder and the listed Subcontractors must be submitted on the City provided forms with the Notice Inviting Bids and Contract forms.
27. **PROPOSAL FORMS:** Bid shall be made only upon the Bidding Documents i.e., Proposal form attached to and forming a part of the specifications. The signature of each person signing shall be in longhand.
- 27.1. Bidder shall complete and submit all pages in the "Bidding Document" Section (see Volume 2) as their Bid per the schedule given under "Required Documents Schedule," (see Volume 1). Bidder is requested to retain for their reference other portions of the Contract Documents that are not required to be submitted with the Bid. The entire specifications for the bid package do not need to be submitted with the bid.
- 27.2. The City may require any Bidder to furnish a statement of experience, financial responsibility, technical ability, equipment, and references.
- 27.3. Bids and certain other forms and documents as specified in the Volume 2 of 2 of the Contract Documents shall be enclosed in a sealed envelope and shall bear the title of the work and name of the Bidder and the appropriate State Contractors License designation which the Bidder holds.
- 27.4. Bids may be withdrawn by the Bidder prior to, but not after, the time fixed for opening of Bids.
28. **BIDDERS' GUARANTEE OF GOOD FAITH (BID SECURITY):**
- 28.1. Each Bidder shall accompany its Bid with either a cashier's check upon some responsible bank, or a check upon such bank properly certified or an approved corporate surety bond payable to the City of San Diego, for an amount of not less than 10% of the aggregate sum of the Bid, which check or bond, and the monies represented thereby shall be held by the City as a guarantee that the Bidder, if awarded the contract, will in good faith enter into such contract and furnish the required final bonds.

- 28.2. The Bidder agrees that in case of Bidder's refusal or failure to execute this contract and give required final bonds, the money represented by a cashier's or certified check shall remain the property of the City, and if the Bidder shall fail to execute this contract, the Surety agrees that it will pay to the City damages which the City may suffer by reason of such failure, not exceeding the sum of 10% of the amount of the Bid.
- 28.3. A Bid received without the specified bid security will be rejected as being **non-responsive**.

29. AWARD OF CONTRACT OR REJECTION OF BIDS:

- 29.1. This contract may be awarded to the lowest responsible and reliable Bidder.
- 29.2. Bidders shall complete the entire Bid schedule (also referred to as "schedule of prices" or Proposal form). Incomplete price schedules will be rejected as being non-responsive.
- 29.3. The City reserves the right to reject any or all Bids, and to waive any informality or technicality in Bids received and any requirements of these specifications as to bidding procedure.
- 29.4. Bidders will not be released on account of their errors of judgment. Bidders may be released only upon receipt by the City from the Bidder within 3 Working Days, excluding Saturdays, Sundays, and state holidays, after the opening of Bids, of written notice which includes proof of honest, credible, clerical error of material nature, free from fraud or fraudulent intent, and of evidence that reasonable care was observed in the preparation of the Bid.
- 29.5. A non-selected Bidder may protest award of the Contract to the selected Bidder by submitting a written "Notice of Intent to Protest" including supporting documentation which shall be received by Public Works Contracting Group no later than 10 days after the City's announcement of the selected Bidder or no later than 10 days from the date that the City issues notice of designation of a Bidder as non-responsive in accordance with San Diego Municipal Code Chapter 2, § 22.3029, "Protests of Contract Award."
- 29.6. The City of San Diego will not discriminate with regard to race, religious creed, color, national origin, ancestry, physical handicap, marital status, sex or age, in the award of contracts.
- 29.7. Each Bid package properly executed as required by these specifications shall constitute a firm offer, which may be accepted by the City within the time specified in the Proposal.
- 29.8. The City reserves the right to evaluate all Bids and determine the lowest Bidder on the basis of any proposed alternates, additive items or options, at its discretion that will be disclosed in the Volume 2 of 2.

30. BID RESULTS:

- 30.1.** The Bid opening by the City shall constitute the public announcement of the Apparent Low Bidder. In the event that the Apparent Low Bidder is subsequently deemed non-responsive or non-responsible, a public announcement will be posted in the City's web page: <http://www.sandiego.gov/cip/index.shtml>, with the name of the newly designated Apparent Low Bidder.
- 30.2.** To obtain Bid results, either attend Bid opening, review the results on the City's web site, or provide a self-addressed, stamped envelope, referencing Bid number, and Bid tabulation will be mailed to you upon verification of extensions. Bid results cannot be given over the telephone.

31. THE CONTRACT:

- 31.1.** The Bidder to whom award is made shall execute a written contract with the City of San Diego and furnish good and approved bonds and insurance certificates specified by the City within 14 days after receipt by Bidder of a form of contract for execution unless an extension of time is granted to the Bidder in writing.
- 31.2.** If the Bidder takes longer than 14 days to fulfill these requirements, then the additional time taken shall be added to the Bid guarantee. The Contract shall be made in the form adopted by the City, which includes the provision that no claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.
- 31.3.** If the Bidder to whom the award is made fails to enter into the contract as herein provided, the award may be annulled and the Bidder's Guarantee of Good Faith will be subject to forfeiture. An award may be made to the next lowest responsible and reliable Bidder who shall fulfill every stipulation embraced herein as if it were the party to whom the first award was made.
- 31.4.** Pursuant to the San Diego City Charter section 94, the City may only award a public works contract to the lowest responsible and reliable Bidder. The City will require the Apparent Low Bidder to (i) submit information to determine the Bidder's responsibility and reliability, (ii) execute the Contract in form provided by the City, and (iii) furnish good and approved bonds and insurance certificates specified by the City within 14 Days, unless otherwise approved by the City, in writing after the Bidder receives notification from the City, designating the Bidder as the Apparent Low Bidder and formally requesting the above mentioned items.
- 31.5.** The award of the Contract is contingent upon the satisfactory completion of the above mentioned items and becomes effective upon the signing of the Contract by the Mayor or designee. If the Apparent Low Bidder does not execute the Contract or submit required documents and information, the City may award the Contract to the next lowest responsible and reliable Bidder who shall fulfill every condition precedent to award. A corporation designated as the Apparent Low Bidder shall

furnish evidence of its corporate existence and evidence that the officer signing the Contract and bond for the corporation is duly authorized to do so.

- 32. EXAMINATION OF PLANS, SPECIFICATIONS, AND SITE OF WORK:** The Bidder shall examine carefully the Project Site, the Plans and Specifications, other materials as described in the Special Provisions, Section 2-7, and the proposal forms (e.g., Bidding Documents). The submission of a Bid shall be conclusive evidence that the Bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and scope of Work, the quantities of materials to be furnished, and as to the requirements of the Bidding Documents Proposal, Plans, and Specifications.
- 33. CITY STANDARD PROVISIONS.** This contract is subject to the following standard provisions. See The WHITEBOOK for details.
- 33.1.** The City of San Diego Resolution No. R-277952 adopted on May 20, 1991 for a Drug-Free Workplace.
- 33.2.** The City of San Diego Resolution No. R-282153 adopted on June 14, 1993 related to the Americans with Disabilities Act.
- 33.3.** The City of San Diego Municipal Code §22.3004 for Pledge of Compliance.
- 33.4.** The City of San Diego’s Labor Compliance Program and the State of California Labor Code §§1771.5(b) and 1776.
- 33.5.** Sections 1777.5, 1777.6, and 1777.7 of the State of California Labor Code concerning the employment of apprentices by contractors and subcontractors performing public works contracts.
- 33.6.** The City’s Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of The San Diego Municipal Code (SDMC).
- 33.7.** The City’s Information Security Policy (ISP) as defined in the City’s Administrative Regulation 90.63.
- 34. PRE-AWARD ACTIVITIES:**
- 34.1.** The selected contractor by the City to execute a contract for this Work shall provide the information required within the time specified in “Required Documents,” of this bid package. Failure to provide the information within the time specified may result in the Bid being rejected as **non-responsive**.
- 34.2.** If the Bid is rejected as non-responsive, the selected contractor by the City to execute a contract for this Work shall forfeit the required Bid. The decision that the selected contractor by the City to execute a contract for this Work is non-responsive for failure to provide the information required within the time specified shall be at the sole discretion of the City.

35. REQUIRED DOCUMENT SCHEDULE:

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

35.2. The specified Equal Opportunity Contracting Program (EOCP) forms are available for download from the City’s web site at:

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

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED
1.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Bid
2.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Bid Bond
3.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Non-collusion Affidavit to be Executed By Bidder and Submitted with Bid under 23 USC 112 and PCC 7106
4.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Contractors Certification of Pending Actions
5.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Equal Benefits Ordinance Certification of Compliance
6.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Form AA35 - List of Subcontractors
7.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Form AA40 - Named Equipment/Material Supplier List
8.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Names of the principal individual owners of the Apparent Low Bidder
9.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	If the Contractor is a Joint Venture: <ul style="list-style-type: none"> • Joint Venture Agreement • Joint Venture License
10.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Form BB05 - Work Force Report
11.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contract Forms - Agreement

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED
12.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contract Forms - Payment and Performance Bond
13.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Certificates of Insurance and Endorsements
14.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractor Certification - Drug-Free Workplace
15.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractor Certification - American with Disabilities Act
16.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractors Standards - Pledge of Compliance

CONTRACT FORMS
AGREEMENT

CONTRACT FORMS AGREEMENT

CONSTRUCTION CONTRACT

This contract is made and entered into between THE CITY OF SAN DIEGO, a municipal corporation, herein called "City", and **Just Construction, Inc.**, herein called "Contractor" for construction of **Bear Drive Wall**; Bid No **L-14-5212-DBB-2-A**; in the amount of **Two Hundred Eighty-Seven Thousand and 00/100 (\$287,000.00)**, which is comprised of the Base Bid only.

IN CONSIDERATION of the payments to be made hereunder and the mutual undertakings of the parties hereto, City and Contractor agree as follows:

1. The following are incorporated into this contract as though fully set forth herein:
 - (a) The attached Faithful Performance and Payment Bonds.
 - (b) The attached Proposal included in the Bid documents by the Contractor.
 - (c) Reference Standards listed in the Notice Inviting Bids and the Supplementary Special Provisions (SSP).
 - (d) That certain documents entitled **Bear Drive Wall**, on file in the office of the Public Works Department as Document No. **S-10093**, well as all matters referenced therein.
2. The Contractor shall perform and be bound by all the terms and conditions of this contract and in strict conformity therewith shall perform and complete in a good and workmanlike manner **Bear Drive Wall**, Bid Number **L-14-5212-DBB-2-A**, San Diego, California.
3. For such performances, the City shall pay to Contractor the amounts set forth at the times and in the manner and with such additions or deductions as are provided for in this contract, and the Contractor shall accept such payment in full satisfaction of all claims incident to such performances.
4. No claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.
5. This contract is effective as of the date that the Mayor or designee signs the agreement.

CONTRACT FORMS (continued)

AGREEMENT

IN WITNESS WHEREOF, this Agreement is signed by the City of San Diego, acting by and through its Mayor or designee, pursuant to Municipal Code 22.3107 authorizing such execution.

THE CITY OF SAN DIEGO

APPROVED AS TO FORM AND LEGALITY

By 

Jan I. Goldsmith, City Attorney

By 

Print Name: Stephen Samara,
Senior Contract Specialist

Print Name: RYAN P. GERRITY
Deputy City Attorney

Date: 3/17/2014

Date: 3/13/2014

CONTRACTOR

By 

Print Name: H. Andres Romero

Title: President

Date: December 23, 2013

City of San Diego License No.: B2012000486

State Contractor's License No.: 968910

**CONTRACT/AGREEMENT
ATTACHMENTS**

CONTRACT ATTACHMENT
PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND

FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND:

Just Construction, Inc., a corporation, as principal, and
State National Insurance Company, Inc. administered by:*, a corporation authorized to do
business in the State of California, as Surety, hereby obligate themselves, their successors and
assigns, jointly and severally, to The City of San Diego a municipal corporation in the sum of
Two Hundred Eighty-Seven Thousand and 00/100 (\$287,000.00), for the faithful performance
of the annexed contract, and in the sum of **Two Hundred Eighty-Seven Thousand and 00/100**
(\$287,000.00), for the benefit of laborers and materialmen designated below.

*Contractor Managing General Insurance Agency, Inc.

Conditions:

If the Principal shall faithfully perform the annexed contract **Bear Drive Wall**, Bid Number
L-14-5212-DBB-2-A, San Diego, California then the obligation herein with respect to a faithful
performance shall be void; otherwise it shall remain in full force.

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

The obligation herein with respect to laborers and materialmen shall inure to the benefit of all
persons, firms and corporations entitled to file claims under the provisions of Chapter 3 of Division 5
of Title I of the Government Code of the State of California or under the provisions of Section 3082
et seq. of the Civil Code of the State of California.

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

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

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

Dated December 16, 2013

Approved as to Form and Legality

Just Construction, Inc.

Principal

By 

H. Andres Romero, President
Printed Name of Person Signing for Principal

Jan I. Goldsmith, City Attorney

By 

Deputy City Attorney

State National Insurance Company, Inc. administered by:
Contractor Managing General Insurance Agency, Inc.

Surety

By 

Attorney-in-fact
Stephanie Hope Shear

Approved:

By 

Stephen Samara, Senior Contract Specialist

20335 Ventura Blvd. Suite 426

Local Address of Surety

Woodland Hills, CA 91364

Local Address (City, State) of Surety

(866) 363-2642

Local Telephone No. of Surety

Premium \$ \$7,175.00

Bond No. CDGP100514

State National Insurance Company, Inc. Administered by:
CONTRACTOR MANAGING GENERAL INSURANCE AGENCY, INC.

POWER OF ATTORNEY

KNOW BY ALL THESE PRESENTS That STATE NATIONAL INSURANCE COMPANY, INC. a corporation organized and existing under the laws of the State of Texas, having its principal office in Bedford, Texas does hereby constitute and appoint

Stephanie Hope Shear

its true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, the following bond described as:

Bear Drive Wall; Bid No.: L-14-5212-DBB-2-A

for: Three Million and 00/100 Dollars (\$3,000,000)

and undertakings, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise.

The execution of such instrument(s) in pursuance of these present, shall be as binding upon STATE NATIONAL INSURANCE COMPANY, INC. as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at the principal office.

RESOLVED that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, contracts of indemnity and other writings obligatory in the nature thereof, and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, STATE NATIONAL INSURANCE COMPANY, INC. has caused this instrument to be signed and its corporate seal to be affixed by its authorized officer, this 11th day of June, 2012.

STATE NATIONAL INSURANCE COMPANY, INC.

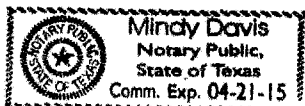
Terry L. Ledbetter, President

Wyatt D. Blackburn, Secretary

STATE OF TEXAS
County of Tarrant

On this 11th day of June, 2011 before me came the individuals who executed the preceding instrument, to me personally known, and being by me duly sworn, said that each of the herein described and authorized officer of STATE NATIONAL INSURANCE COMPANY, INC.; that the seal affixed to said instrument is the Corporate Seal of said Company; that the Corporate Seal and each signature were duly affixed by order of the Board of Directors of said Company.

IN WITNESS WHEREOF, I have hereunto set my hand at Bedford, Texas the day and year above written.



[Notary Stamp]

Signature of Notary

I, Wyatt D. Blackburn, Secretary of STATE NATIONAL INSURANCE COMPANY, INC., do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney executed by STATE NATIONAL INSURANCE COMPANY, INC., which is still in full force and effect.

IN WITNESS WHEREOF, I have thereunto set my hand and attested the seal of said Company this 16th day of December, 2013.

Wyatt D. Blackburn, Secretary

CALIFORNIA ALL - PURPOSE ACKNOWLEDGEMENT

State of California

County of Los Angeles

DEC 1 8 2013

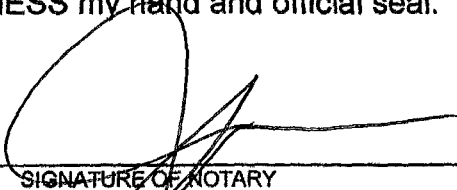
On _____ before me, JAN MICHELLE RIVERA, NOTARY PUBLIC
DATE NAME, TITLE OF OFFICER

Personally appeared STEPHANIE HOPE SHEAR
NAME(S) OF SIGNER(S)

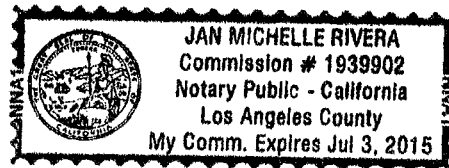
Who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s),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

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

WITNESS my hand and official seal.



SIGNATURE OF NOTARY



NOTARY SEAL

CONTRACTOR CERTIFICATION

DRUG-FREE WORKPLACE

PROJECT TITLE: Bear Drive Wall

I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-17 regarding Drug-Free Workplace as outlined in the WHITEBOOK, Section 7-13.3, "Drug-Free Workplace", of the project specifications, and that;

Just Construction, Inc.

(Name under which business is conducted)

has in place a drug-free workplace program that complies with said policy. I further certify that each subcontract agreement for this project contains language which indicates the subcontractor's agreement to abide by the provisions of subdivisions a) through c) of the policy as outlined.

Signed



Printed Name H. Andres Romero

Title President

CONTRACTOR CERTIFICATION

AMERICAN WITH DISABILITIES ACT (ADA) COMPLIANCE CERTIFICATION

PROJECT TITLE: Bear Drive Wall

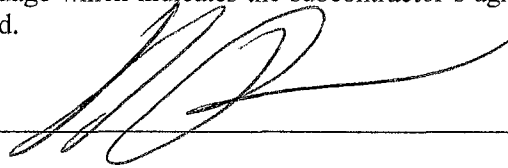
I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-4 regarding the American With Disabilities Act (ADA) outlined in the WHITEBOOK, Section 7-13.2, "American With Disabilities Act", of the project specifications, and that;

Just Construction, Inc.

(Name under which business is conducted)

has in place workplace program that complies with said policy. I further certify that each subcontract agreement for this project contains language which indicates the subcontractor's agreement to abide by the provisions of the policy as outlined.

Signed



Printed Name

H. Andres Romero

Title

President

CONTRACTOR CERTIFICATION

CONTRACTOR STANDARDS – PLEDGE OF COMPLIANCE

PROJECT TITLE: Bear Drive Wall

I declare under penalty of perjury that I am authorized to make this certification on behalf of Just Construction Inc., as Contractor, that I am familiar with the requirements of City of San Diego Municipal Code § 22.3224 regarding Contractor Standards as outlined in the WHITEBOOK, Section 7-13.4, ("Contractor Standards"), of the project specifications, and that Contractor has complied with those requirements.

I further certify that each of the Contractor's subcontractors whose subcontracts are greater than \$50,000 in value has completed a Pledge of Compliance attesting under penalty of perjury of having complied with City of San Diego Municipal Code § 22.3224.

Dated this 23rd Day of December, 2013.

Signed



Printed Name H. Andres Romero

Title President

SUPPLEMENTARY SPECIAL PROVISIONS (SSP)

SUPPLEMENTARY SPECIAL PROVISIONS

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

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

SECTION 2 - SCOPE AND CONTROL OF WORK

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

1. You must perform, with your own organization, Contract work amounting to at least 50% of the base bid alone or base bid and any additive or deductive alternate(s) that together when added or deducted form the basis of award.
2. The self performance percentage requirement will be waived for contracts when a “B” License is required or allowed.

2-7 SUBSURFACE DATA. ADD the following:

1. In preparation of the Contract Documents, the designer has relied upon the following reports of explorations and tests of subsurface conditions at the Work Site:
 1. Report of Geotechnical Evaluation dated March 1, 2012 by Southern California Soil & Testing, Inc.

SECTION 4 - CONTROL OF MATERIALS

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

You must submit your list of proposed substitutions for “an equal” (“or equal”) item(s) **no later than 5 Working Days after the determination of the Apparent Low Bidder** and on a City form when provided by the City.

SECTION 7 - RESPONSIBILITIES OF THE CONTRACTOR

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

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

7-3.1 Policies and Procedures.

1. You must procure the insurance described below, at its sole cost and expense, to provide coverage against claims for loss including injuries to persons or damage to property, which may arise out of or in connection with the performance of the Work by you, your agents, representatives, officers, employees or Subcontractors.
2. Insurance coverage for property damage resulting from your operations is on a replacement cost valuation. The market value will not be accepted.
3. You must maintain this insurance for the duration of this contract and at all times thereafter when you are correcting, removing, or replacing Work in accordance with this contract. Your liabilities under the Contract, e.g., your indemnity obligations, is not deemed limited to the insurance coverage required by this contract.
4. Payment for insurance is included in the various items of Work as bid by you, and except as specifically agreed to by the City in writing, you are not entitled to any additional payment. Do not begin any work under this contract until you have provided and the City has approved all required insurance.
5. Policies of insurance must provide that the City is entitled to 30 days (10 days for cancellation due to non-payment of premium) prior written notice of cancellation or non-renewal of the policy. Maintenance of specified insurance coverage is a material element of the Contract. Your failure to maintain or renew coverage or to provide evidence of renewal during the term of the Contract may be treated by the City as a material breach of the Contract.

7-3.2 Types of Insurance.

7-3.2.1 Commercial General Liability Insurance.

1. Commercial General Liability Insurance must be written on the current version of the ISO Occurrence form CG 00 01 07 98 or an equivalent form providing coverage at least as broad.
2. The policy must cover liability arising from premises and operations, XCU (explosions, underground, and collapse), independent contractors, products/completed operations, personal injury and advertising injury, bodily injury, property damage, and liability assumed under an insured's contract (including the tort liability of another assumed in a business contract).
3. There must be no endorsement or modification limiting the scope of coverage for either "insured vs. insured" claims or contractual liability. You must maintain the same or equivalent insurance for at least 10 years following completion of the Work.

4. All costs of defense must be outside the policy limits. Policy coverage must be in liability limits of not less than the following:

<u>General Annual Aggregate Limit</u>	<u>Limits of Liability</u>
Other than Products/Completed Operations	\$2,000,000
Products/Completed Operations Aggregate Limit	\$2,000,000
Personal Injury Limit	\$1,000,000
Each Occurrence	\$1,000,000

7-3.2.2 Commercial Automobile Liability Insurance.

1. You must provide a policy or policies of Commercial Automobile Liability Insurance written on the current version of the ISO form CA 00 01 12 90 or later version or equivalent form providing coverage at least as broad in the amount of \$1,000,000 combined single limit per accident, covering bodily injury and property damage for owned, non-owned, and hired automobiles (“Any Auto”).
2. All costs of defense must be outside the limits of the policy.

7-3.3 Rating Requirements. Except for the State Compensation Insurance Fund, all insurance required by this contract as described herein must be carried only by responsible insurance companies with a rating of, or equivalent to, at least “A-, VI” by A.M. Best Company, that are authorized by the California Insurance Commissioner to do business in the State, and that have been approved by the City.

7-3.3.1 Non-Admitted Carriers. The City will accept insurance provided by non-admitted, “surplus lines” carriers only if the carrier is authorized to do business in the State and is included on the List of Approved Surplus Lines Insurers (LASLI list).

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

7-3.4 Evidence of Insurance. Furnish to the City documents e.g., certificates of insurance and endorsements evidencing the insurance required herein, and furnish renewal documentation prior to expiration of this insurance. Each required document must be signed by the insurer or a person authorized by the insurer to bind coverage on its behalf. We reserve the right to require complete, certified copies of all insurance policies required herein.

7-3.5 Policy Endorsements.

7-3.5.1 Commercial General Liability Insurance

7-3.5.1.1 Additional Insured.

- a) You must provide at your expense policy endorsement written on the current version of the ISO Occurrence form CG 20 10 11 85 or an equivalent form providing coverage at least as broad.

- b) To the fullest extent allowed by law e.g., California Insurance Code §11580.04, the policy must be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured.
- c) The additional insured coverage for projects for which the Engineer's Estimate is \$1,000,000 or more must include liability arising out of: (a) Ongoing operations performed by you or on your behalf, (b) your products, (c) your work, e.g., your completed operations performed by you or on your behalf, or (d) premises owned, leased, controlled, or used by you.
- d) The additional insured coverage for projects for which the Engineer's Estimate is less than \$1,000,000 must include liability arising out of: (a) Ongoing operations performed by you or on your behalf, (b) your products, or (c) premises owned, leased, controlled, or used by you.

7-3.5.1.2 Primary and Non-Contributory Coverage. The policy must be endorsed to provide that the coverage with respect to operations, including the completed operations, if appropriate, of the Named Insured is primary to any insurance or self-insurance of the City and its elected officials, officers, employees, agents and representatives. Further, it must provide that any insurance maintained by the City and its elected officials, officers, employees, agents and representatives must be in excess of your insurance and must not contribute to it.

7-3.5.1.3 Project General Aggregate Limit.

The policy or policies must be endorsed to provide a Designated Construction Project General Aggregate Limit that will apply only to the Work. Only claims payments which arise from the Work must reduce the Designated Construction Project General Aggregate Limit. The Designated Construction Project General Aggregate Limit must be in addition to the aggregate limit provided for the products-completed operations hazard.

7-3.5.2 Commercial Automobile Liability Insurance.

7-3.5.2.1 Additional Insured. Unless the policy or policies of Commercial Auto Liability Insurance are written on an ISO form CA 00 01 12 90 or a later version of this form or equivalent form providing coverage at least as broad, the policy must be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured, with respect to liability arising out of automobiles owned, leased, hired or borrowed by you or on your behalf. This endorsement is limited to the obligations permitted by California Insurance Code §11580.04.

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

7-3.7 Reservation of Rights. The City reserves the right, from time to time, to review your insurance coverage, limits, deductibles and self-insured retentions to determine if they are acceptable to the City. The City will reimburse you, without overhead, profit, or any other markup, for the cost of additional premium for any coverage requested by the Engineer but not required by this contract.

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

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

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

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

1. In accordance with the provisions of §3700 of the California Labor Code, you must provide at your expense Workers' Compensation Insurance and Employers Liability Insurance to protect you against all claims under applicable state workers compensation laws. The City, its elected officials, and employees will not be responsible for any claims in law or equity occasioned by your failure to comply with the requirements of this section.
2. Limits for this insurance must be not less than the following:

<u>Workers' Compensation</u>	<u>Statutory Employers Liability</u>
Bodily Injury by Accident	\$1,000,000 each accident
Bodily Injury by Disease	\$1,000,000 each employee
Bodily Injury by Disease	\$1,000,000 policy limit

3. By signing and returning the Contract you certify that you are aware of the provisions of §3700 of the Labor Code which require every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of that code and you must comply with such provisions before commencing the Work as required by §1861 of the California Labor Code.

7-4.1.1 Waiver of Subrogation.

The policy or policies must be endorsed to provide that the insurer will waive all rights of subrogation against the City, and its respective elected officials, officers, employees, agents, and representatives for losses paid under the terms of the policy or policies and which arise from work performed by the Named Insured for the City.

SECTION 8 - FACILITIES FOR AGENCY PERSONNEL

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

SECTION 9 - MEASUREMENT AND PAYMENT

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

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

SECTION 200- ROCK MATERIALS

ADD:

200-1.11 Gravel Backfill for Drain

The gravel used as backfill behind the retaining wall and surrounding the perforated drain shall be clean ¾” gravel as per TABLE 200-1.2(A). This material shall be washed and void of dust prior to delivery onsite for use in the French drain.

SECTION 207 – PIPE

207-27 FUSIBLE NON-PRESSURE POLYVINYLCHOLORIDE PIPE. DELETE in its entirety.

SECTION 209 – STREET LIGHTING AND TRAFFIC SIGNAL MATERIALS

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

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

SECTION 212 - LANDSCAPE AND IRRIGATION MATERIALS

212-1.1 Topsoil. ADD the following:

Soil used for landscape purposed on this project shall be Class “B” Topsoil.

212-1.2.5 Mulch. ADD the following:

Type 1 mulch shall be used around landscape areas.

SECTION 300 – EARTHWORK

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

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

SECTION 303 - CONCRETE AND MASONRY CONSTRUCTION

303-1.1 General. ADD the following:

Waterproofing material applied to concrete shall consist of Rubberized Asphalt Emulsion such as Henry Co Aqua-Bloc QS or Coal Tar Emulsion such as Kopper – Bitumastic Super Service Black or approved equal. Where indicated on the plans application shall be prior to backfill being placed and per manufacturer’s recommendation.

ADD:

303-1.3.1 Architectural Form Liner

For the installation of architectural concrete face on exposed concrete where noted on the plans an architectural form liner shall be integrated in the forms. The architectural form liner shall be submitted to the Engineer and approved prior to use. Installation and construction methods for architectural form liners shall be per manufacturers specifications.

SECTION 306 – UNDERGROUND CONDUIT CONSTRUCTION

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

OLD SECTION NUMBER	TITLE	NEW SECTION NUMBER
306-1.8	House Connection Sewer (Laterals) and Cleanouts	306-1.9
306-1.7.1	Payment	306-1.9.1
306-1.7.2	Sewer Lateral with Private Replumbing	306-1.9.2
306-1.7.2.1	Location	306-1.9.2-1
306-1.7.2.2	Permits	306-1.9.2-2
306-1.7.2.3	Submittals	306-1.9.2-3
306-1.7.2.4	Trenchless Construction	306-1.9.2-4
306-1.7.2.5	Payment	306-1.9.2-5
306-1.7.3.6	Private Pump Installation	306-1.9.2-6
306-1.7.3.7	Payment	306-1.9.2-7

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

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

306-22 Pipe Fusion. DELETE in its entirety.

SECTION 308 – LANDSCAPE AND IRRIGATION INSTALLATION

308-6 MAINTENANCE AND PLANT ESTABLISHMENT. ADD the following:

The PEP shall be for a period of 180 days.

SECTION 705 – WATER DISCHARGES

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

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

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

SECTION 707 – RESOURCE DISCOVERIES

ADD:

707-1.1

Environmental Document. The City of San Diego Environmental Analysis Section (EAS) of the Development Services Department has prepared a Notice of Exemption for Bear Drive Retaining Wall Replacement, Project No. WBS# S-10093, as referenced in the Contract Appendix. You must comply with all requirements of the Notice of Exemption as set forth in the Contract Appendix A.

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

END OF SUPPLEMENTARY SPECIAL PROVISIONS (SSP)

SUPPLEMENTARY SPECIAL PROVISIONS

APPENDICES

APPENDIX A

Notice of Exemption

NOTICE OF EXEMPTION

(Check one or both)

TO: X RECORDER/COUNTY CLERK
P.O. BOX 1750, MS A-33
1600 PACIFIC HWY, ROOM 260
SAN DIEGO, CA 92101-2422
 OFFICE OF PLANNING AND RESEARCH
1400 TENTH STREET, ROOM 121
SACRAMENTO, CA 95814

FROM: CITY OF SAN DIEGO
DEVELOPMENT SERVICES DEPARTMENT
1222 FIRST AVENUE, MS 501
SAN DIEGO, CA 92101

PROJECT NO.: WBS # S-10093 PROJECT TITLE: BEAR DRIVE RETAINING WALL REPLACEMENT

PROJECT LOCATION-SPECIFIC: The project is located on the public right-of-way adjacent to 3535 and 3545 Bear Dr.

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

DESCRIPTION OF NATURE AND PURPOSE OF THE PROJECT: The project would consist of in-kind replacement of an approximately 50 foot-long, 10-inch-wide, 2.5 feet to 8.5 feet tall retaining wall adjacent to 3535 and 3545 Bear Drive. Work would consist of replacing the retaining wall in place, in the public right-of-way. The adjacent concrete street would also be replaced in place. Construction of the retaining wall and street replacement would not require the excavation of previously undisturbed soils. The project area is currently developed and does not contain sensitive biological or historic resources and is not included in any government code listings of hazardous waste sites. The project site is located in the Uptown Community Planning Area.

NAME OF PUBLIC AGENCY APPROVING PROJECT: City of San Diego

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT: City of San Diego, E&CP Dept/Casey Crown
600 B Street, Suite 800 (MS 908A)
San Diego, CA 92101
619 533-5485

EXEMPT STATUS: (CHECK ONE)

- () MINISTERIAL (SEC. 21080(b)(1); 15268);
- () DECLARED EMERGENCY (SEC. 21080(b)(3); 15269(a));
- () EMERGENCY PROJECT (SEC. 21080(b)(4); 15269 (b)(c))
- (X) CATEGORICAL EXEMPTIONS: 15301(A)(EXISTING FACILITIES); 15302(C)(REPLACEMENT & RECONSTRUCTION)
- () STATUTORY EXEMPTIONS:

REASONS WHY PROJECT IS EXEMPT: The City of San Diego conducted an Initial Study and determined that the project is located within the improved public right-of-way in a developed residential area and the construction would not result in the excavation of previously undisturbed soils; therefore, the project qualifies for State CEQA Guideline § 15301 (Existing Facilities) and § 15302 (Replacement & Reconstruction), and does not trigger any of the exceptions to categorical exemptions found in State CEQA Guideline § 15300.2

LEAD AGENCY CONTACT PERSON: JEFF SZYMANSKI

TELEPHONE: (619) 446-5324

IF FILED BY APPLICANT:

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

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

Jeff Szymanski / ASSOCIATE PLANNER
SIGNATURE/TITLE

1/12/2012
DATE

CHECK ONE:

(X) SIGNED BY LEAD AGENCY

DATE RECEIVED FOR FILING WITH COUNTY CLERK OR OPR:

APPENDIX B

Fire Hydrant Meter Program

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

1. **PURPOSE**

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

2. **AUTHORITY**

- 2.1 All authorities and references shall be current versions and revisions.
- 2.2 San Diego Municipal Code (NC) Chapter VI, Article 7, Sections 67.14 and 67.15
- 2.3 Code of Federal Regulations, Safe Drinking Water Act of 1986
- 2.4 California Code of Regulations, Titles 17 and 22
- 2.5 California State Penal Code, Section 498B.0
- 2.6 State of California Water Code, Section 110, 500-6, and 520-23
- 2.7 Water Department Director

Reference

- 2.8 State of California Guidance Manual for Cross Connection Programs
- 2.9 American Water Works Association Manual M-14, Recommended Practice for Backflow Prevention
- 2.10 American Water Works Association Standards for Water Meters
- 2.11 U.S.C. Foundation for Cross Connection Control and Hydraulic Research Manual

3. **DEFINITIONS**

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

CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS	NUMBER DI 55.27	DEPARTMENT Water Department
SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 2 OF 10	EFFECTIVE DATE October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

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

4. **POLICY**

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

CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS	NUMBER DI 55.27	DEPARTMENT Water Department
SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 3 OF 10	EFFECTIVE DATE October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

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

CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS	NUMBER DI 55.27	DEPARTMENT Water Department
SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 4 OF 10	EFFECTIVE DATE October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

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

CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS	NUMBER DI 55.27	DEPARTMENT Water Department
SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 5 OF 10	EFFECTIVE DATE October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

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

CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS	NUMBER DI 55.27	DEPARTMENT Water Department
SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 6 OF 10	EFFECTIVE DATE October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

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

4.7 Relocation of Existing Fire Hydrant Meters

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

4.8 Disconnection of Fire Hydrant Meter

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

CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS	NUMBER DI 55.27	DEPARTMENT Water Department
SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 7 OF 10	EFFECTIVE DATE October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

for removal of the meter.

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

5. **EXCEPTIONS**

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

6. **MOBILE METER**

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

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

CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS	NUMBER DI 55.27	DEPARTMENT Water Department
SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 8 OF 10	EFFECTIVE DATE October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

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

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

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

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

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

CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS	NUMBER DI 55.27	DEPARTMENT Water Department
SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 9 OF 10	EFFECTIVE DATE October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

7. **FEE AND DEPOSIT SCHEDULES**

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

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

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

8.1 Use of water from any fire hydrant without a properly issued and installed fire hydrant meter is theft of City property. Customers who use water for unauthorized purposes or without a City of San Diego issued meter will be prosecuted.

8.2 If any unauthorized connection, disconnection or relocation of a fire hydrant meter, or other connection device is made by anyone other than authorized Water Department personnel, the person making the connection will be prosecuted for a violation of San Diego Municipal Code, Section 67.15. In the case of a second offense, the customer's fire hydrant meter shall be confiscated and/or the deposit will be forfeited.

8.3 Unauthorized water use shall be billed to the responsible party. Water use charges shall be based on meter readings, or estimates when meter readings are not available.

8.4 In case of unauthorized water use, the customer shall be billed for all applicable charges as if proper authorization for the water use had been obtained, including but not limited to bi-monthly service charges, installation charges and removal charges.

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

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

**Larry Gardner
Water Department Director**

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

APPENDIX

Administering Division: Customer Support Division

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

Distribution: DI Manual Holders



Application for Fire Hydrant Meter (EXHIBIT A)

(For Office Use Only)

NS REQ	FAC#
DATE	BY

METER SHOP (619) 527-7449

Meter Information

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

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

Company Information

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

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

<input type="checkbox"/> City Meter	<input type="checkbox"/> Private Meter
Contract Acct #:	Deposit Amount: \$ 936.00 Fees Amount: \$ 62.00
Meter Serial #	Meter Size: 05 Meter Make and Style: 6-7
Backflow #	Backflow Size: Backflow Make and Style:
Name:	Signature: Date:

WATER USES WITHOUT ANTICIPATED CHARGES FOR RETURN TO SEWER

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

Note:

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

Date

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

Subject: Discontinuation of Fire Hydrant Meter Service

Dear Water Department Customer:

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

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

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

Sincerely,

Water Department

APPENDIX C

Materials Typically Accepted by Certificate of Compliance

Materials Typically Accepted by Certificate of Compliance

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

APPENDIX D

Sample City Invoice

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

APPENDIX E

Hazardous Labels/Forms

INCIDENT/RELEASE ASSESSMENT FORM ¹

If you have an emergency, Call 911

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

Questions for Incident Assessment:

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

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

Call 911 in an emergency

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

If in doubt, report the release.

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

NON REPORTABLE RELEASE INCIDENT FORM

1. RELEASE AND RESPONSE DESCRIPTION

Incident # _____

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

2. ADMINISTRATIVE INFORMATION

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

3. CHEMICAL INFORMATION

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

EMERGENCY RELEASE FOLLOW - UP NOTICE REPORTING FORM

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

EMERGENCY RELEASE FOLLOW-UP NOTICE REPORTING FORM INSTRUCTIONS

GENERAL INFORMATION:

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

BASIC INSTRUCTIONS:

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

SPECIFIC INSTRUCTIONS:

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

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

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

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

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

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

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

Block H: List any additional pertinent information.

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

MAIL THE COMPLETED REPORT TO:

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

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

APPENDIX F
Geotechnical Investigation



**SOUTHERN CALIFORNIA
SOIL & TESTING, INC.**
A California Certified Small Business Enterprise (SBE)

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March 1, 2012

**SCS&T No. 1211035
Report No. 1**

**Mr. Daniel Lee
Harris and Associates
750 B Street, Suite 1800
San Diego, California 92101**

Subject: GEOTECHNICAL INVESTIGATION
BEAR DRIVE RETAINING WALL
SAN DIEGO, CALIFORNIA

Dear Mr. Lee:

This letter transmits Southern California Soil & Testing Inc.'s (SCS&T) report describing the geotechnical investigation performed for the subject project. We understand the project will consist of replacing the existing retaining wall along the east side of Bear Drive. This investigation was conducted in general conformance with SCS&T's proposal dated November 14, 2011.

If you have any questions concerning this report, or need additional information, please call me at (619) 280-4321.

Respectfully Submitted,
SOUTHERN CALIFORNIA SOIL AND TESTING, INC.

DRAFT ONLY – DO NOT RELY UPON THIS REPORT

Shih-Hsun Liang (Eddie Liang), PE 73932
Staff Engineer

Garrett B. Fountain, GE 2752
Principal Geotechnical Engineer

EL GBF:aw

(4) Addressee
(1) Addressee via e-mail at DAlee@harris-assoc.com

TABLE OF CONTENTS

SECTION	PAGE
EXECUTIVE SUMMARY	i
1. INTRODUCTION.....	1
1.1 GENERAL	1
1.2 PROJECT SCOPE OF WORK	1
1.2.1 <i>Field Exploration</i>	1
1.2.2 <i>Laboratory Testing</i>	1
1.2.3 <i>Analysis and Report</i>	1
2. SITE AND SUBSURFACE CONDITIONS	2
2.1 SITE DESCRIPTION.....	2
2.2 SUBSURFACE CONDITIONS.....	2
2.3 GROUNDWATER	2
2.4 SEISMIC DESIGN PARAMETERS	2
2.5 CITY OF SAN DIEGO SEISMIC SAFETY STUDY ZONE.....	3
3. CONCLUSION	3
4. RECOMMENDATION	3
4.1 SITE PREPARATION	3
4.1.1 <i>General</i>	3
4.1.2 <i>Excavation Characteristics</i>	3
4.1.3 <i>Temporary Excavation Slopes</i>	4
4.2 RETAINING FOUNDATION.....	4
4.2.1 <i>Shallow Spread Footing</i>	4
4.2.2 <i>Lateral Load Resistance</i>	5
4.2.3 <i>Settlement Characteristics</i>	5
4.2.4 <i>Foundation Excavation Observation</i>	5
4.2.5 <i>Foundation Plan Review</i>	5
4.3 LATERAL PRESSURE.....	5
4.3.1 <i>Passive Pressure</i>	5
4.3.2 <i>Active Pressure</i>	5
4.3.3 <i>At-Rest Pressure</i>	6
4.3.4 <i>Seismic Earth Pressure</i>	6
4.3.5 <i>Factor of Safety</i>	6
4.4 WALL BACKFILL	6
4.5 PAVEMENT SECTION RECOMMENDATION	7
5. CLOSURE	7
5.1 GEOTECHNICAL REVIEW	7
5.2 LIMITATIONS	8



TABLE OF CONTENTS (Continued)

SECTION	PAGE
ATTACHMENTS	
FIGURES	
Figure 1.....	Site Vicinity Map
Figure 2.....	Subsurface Investigation Location Map
Figure 3.....	Lateral Pressure Diagrams
Figure 4.....	Typical Wall Backdrain
APPENDICES	
Appendix I.....	Field Investigation
Appendix II.....	Laboratory Test Results



EXECUTIVE SUMMARY

This report presents the results of the geotechnical investigation performed by Southern California Soil and Testing, Inc. (SCS&T) for the Bear Drive retaining wall project. We understand that the project will consist of replacing the existing retaining wall along the east side of Bear Drive in the City of San Diego, California. The purpose of our work is to provide conclusions and recommendations regarding the geotechnical aspects of the project.

An SCS&T geologist observed the drilling of 2 exploratory test borings and obtained soil samples for laboratory testing. A truck-mounted rig equipped with a hollow-stem auger drilled the borings to a depth of about 10 feet below the existing ground surface. SCS&T tested selected samples from the borings to evaluate pertinent classification and engineering properties to develop geotechnical conclusions and recommendations.

The drill rig encountered auger refusal on dense formational materials at a depth of about 10 feet below the existing pavement surface. Materials encountered in the test borings consisted of fill and San Diego Formation. The fill is comprised of loose silty sand and soft sandy silt. The San Diego Formation is comprised of dense to very dense silty sandstone. The borings logged by SCS&T at the site did not encounter groundwater.

We expect that the bottom of the new wall will be about 8 feet below the existing road surface along Bear Drive. The main geotechnical consideration affecting the new retaining wall is difficult excavation conditions. It is expected that shoring and specialized rock breaking equipment will be required. In general, the excavated soil can be used for backfill if needed. The new retaining wall can be supported on shallow spread footings with bottom levels in the competent San Diego Formation. The grading and foundation recommendations herein may need to be updated once final grading and foundation plans are developed.



1. INTRODUCTION

1.1 GENERAL

This report presents the results of the geotechnical investigation performed by Southern California Soil and Testing, Inc. (SCS&T) for the Bear Drive retaining wall project. We understand that the project will consist of replacing the existing retaining wall along the east side of Bear Drive in the City of San Diego, California. The purpose of our work is to provide conclusions and recommendations regarding the geotechnical aspects of the project. Figure 1 shows the alignment vicinity map.

1.2 PROJECT SCOPE OF WORK

1.2.1 Field Exploration

An SCS&T geologist observed the drilling of 2 exploratory test borings and obtained soil samples for laboratory testing. A truck mounted rig equipped with a hollow-stem auger drilled the borings to a depth of about 10 feet below the existing ground surface. Figure 2 shows the test boring locations. The logs of the test borings are in Appendix I. Soils are classified according to the Unified Soil Classification System illustrated on Figure I-1.

1.2.2 Laboratory Testing

SCS&T performed the following laboratory tests to evaluate selected engineering properties and to provide a basis for geotechnical design recommendations.

- Grain size distribution;
- R-value test;
- Direct shear strength test.

The test results and brief descriptions of the test procedures are contained in Appendix II.

1.2.3 Analysis and Report

The results of the field and laboratory tests, and brief explanations of test procedures, are in recommendations regarding:

1. Subsurface conditions beneath the site;
2. Allowable temporary side slopes and the necessity for shoring;
3. Criteria for seismic design in accordance with the current California Building Code;
4. Appropriate alternative for foundation support along with geotechnical engineering criteria for design;



5. Resistance to lateral load;
6. Estimated foundation settlements;
7. Lateral loads for retaining wall design, and;
8. Pavement section design.

2. SITE AND SUBSURFACE CONDITIONS

2.1 SITE DESCRIPTION

The planned retaining wall will be about 55 feet long and range between about 5 feet and 8 feet in height with Bear Drive being located along the top of the wall. A slope descends from the bottom of the wall at an inclination of about 1½:1 (horizontal:vertical). The surface of Bear Drive is paved with concrete that ranges between about 7 inches and 9 inches thick. Topographically, the surface of Bear Drive slopes towards the south.

2.2 SUBSURFACE CONDITIONS

Fill and San Diego Formation underlie the alignment.

Fill: Both test borings encountered fill. This material extended to depths of between about 4 feet and 6 feet below the existing road surface. The fill consists of brown and brownish gray, loose silty sand and soft sandy silt.

San Diego Formation: The San Diego Formation underlies the fill. This material extended beyond the maximum depth explored in both of test borings, 10 feet, where auger refusal was encountered. In general, the San Diego Formation consists of dense silty sandstone.

2.3 GROUNDWATER

Groundwater was not encountered in the test boring. It is anticipated that the groundwater level will be below an elevation that would influence construction. However, groundwater levels can fluctuate seasonally, and can rise significantly following periods of precipitation. Additionally, groundwater can be perched on top of the dense San Diego Formation as a result of rainfall and irrigation.

2.4 SEISMIC DESIGN PARAMETERS

A geologic hazard likely to affect the project is groundshaking as a result of movement along an active fault zone in the vicinity of the subject site. The site coefficients and adjusted maximum considered earthquake spectral response acceleration parameters in accordance with the 2010 California Building Code based on the 2009 International Building Code are presented below:



Site Coordinates: Latitude 32.743°
Longitude -117.168°

Site Class: D

Site Coefficient $F_a = 1.0$

Site Coefficient $F_v = 1.5$

Spectral Response Acceleration at Short Periods $S_s = 1.580$

Spectral Response Acceleration at 1-Second Period $S_1 = 0.614$

$S_{MS} = F_a S_s$

$S_{M1} = F_v S_1$

$S_{DS} = 2/3 * S_{MS}$

$S_{D1} = 2/3 * S_{M1}$

2.5 CITY OF SAN DIEGO SEISMIC SAFETY STUDY ZONE

The site is located in Geologic Hazards Category 52 according to the City of San Diego Seismic Safety Study. Hazards Category 52 is assigned to areas with gently sloping to steep terrain with favorable geologic structure and low risk.

3. CONCLUSION

We expect that the bottom of the new wall will be about 8 feet below the existing road surface along Bear Drive. The main geotechnical consideration affecting the new retaining wall is difficult excavation conditions. It is expected that shoring and specialized rock breaking equipment will be required. In general, the excavated soil can be used for backfill if needed. The new retaining wall can be supported on shallow spread footings with bottom levels in the competent San Diego Formation. The grading and foundation recommendations herein may need to be updated once final grading and foundation plans are developed.

4. RECOMMENDATION

4.1 SITE PREPARATION

4.1.1 General

Site preparation should begin with the demolition of existing retaining wall and removal of debris. The existing fill should be excavated in its entirety below the new retaining wall footing and backfill. We expect that the majority of loose fill will be excavated to achieve the planned final grade elevation beneath the new retaining wall. An SCS&T or a designated City of San Diego representative should observe conditions exposed in the bottom of the excavation to determine if additional excavation is required.

4.1.2 Excavation Characteristics

It is anticipated that excavation can be achieved with conventional earthwork equipment in good working order. Auger refusal was encountered in test boring B-1 at a depth of about



10 feet below the ground surface. Well-cemented zones should be expected within the formational materials. Contract documents should specify that the contractor mobilize equipment capable of excavating and breaking the cemented materials.

4.1.3 Temporary Excavation Slopes

Temporary slopes in fill should not be steeper than 1:1 (horizontal:vertical). Temporary slopes in the San Diego Formation should not be steeper than ½:1 (horizontal:vertical). The faces of temporary slopes should be inspected daily by the contractor's Competent Person before personnel are allowed to enter the excavation. Any zones of potential instability, sloughing or raveling should be brought to the attention of the Engineer and corrective action implemented before personnel begin working in the excavation.

Slopes steeper than those described above will require shoring. Soldier piles and lagging, sheet piles, or internally braced shoring could be used. Recommended earth pressure values for cantilever shoring (soldier piles and lagging and sheet piles without tie-back anchors) and for shoring with multiple levels of bracing (internally braced or tie-back) are shown on Figure 3. The surcharge loads on shoring from traffic and construction equipment working adjacent to the excavation can be modeled by assuming an additional 2 feet of soil behind the wall. Excavated materials should not be stockpiled behind temporary shoring within a distance equal to the depth of the excavation. SCS&T should be notified if other surcharge loads are anticipated so that lateral load criteria can be developed for the specific situation.

Existing fill and very old paralac deposits should be classified as Type C soils in accordance with CalOSHA guidelines. The San Diego Formational can be considered as a Type B material.

4.2 RETAINING FOUNDATION

4.2.1 Shallow Spread Footing

The new retaining walls can be supported on shallow spread footings with a minimum depth of 18 inches below lowest adjacent final pad grade. A minimum width of 24 inches is recommended. A bearing capacity of 7,500 pounds per square foot (psf) can be used. This value can be increased by ⅓ when considering the total of all loads, including wind or seismic forces. Footings located adjacent or within slopes should be extended to a depth such that a minimum horizontal distance of 7 feet exists between the bottom of the footing and the face of the slope.



4.2.2 Lateral Load Resistance

Lateral loads will be resisted by friction between the bottoms of the footings and passive pressure on the faces of footings and other structural elements below grade. An allowable coefficient of friction of 0.35 can be used. Passive pressure can be computed using a lateral pressure value of 350 psf per foot of depth below the ground surface. The upper 1 foot of soil should not be relied on for passive support unless the ground is covered with pavements or slabs.

4.2.3 Settlement Characteristics

Total settlements of shallow spread footings are expected to be on the order of 1 inch. About ½ of the settlement is expected to occur rapidly and be essentially complete shortly after construction. Differential settlement can be assumed to be about ½ of the total settlement.

4.2.4 Foundation Excavation Observation

It is recommended that all foundation excavations be observed by a representative of SCS&T or City of San Diego prior to forming or placement of reinforcing steel.

4.2.5 Foundation Plan Review

The foundation plans should be submitted to SCS&T or City of San Diego for review to ascertain that the intent of the recommendations contained in this report has been implemented, and no revised recommendations are necessary due to changes in the development scheme.

4.3 LATERAL PRESSURE

4.3.1 Passive Pressure

The passive pressure for the retaining walls can be considered to be 350 psf per foot of depth. This pressure may be increased by ⅓ for seismic loading. An allowable coefficient of friction of 0.35 can be used. The upper 12 inches of soil in front of retaining wall footings should not be included in passive pressure calculations unless pavement extends adjacent to the footing.

4.3.2 Active Pressure

The active soil pressure for the design of unrestrained earth retaining structures with level backfills can be taken as equivalent to the pressure of a fluid weighing 40 pounds per cubic foot (pcf). Surcharge loads from vehicles can be taken into account by assuming an additional 2 feet of soil is supported by the wall. If any other surcharge loads are anticipated,



SCS&T should be contacted for the necessary increase in soil pressure. A granular and drained backfill condition has been assumed. The project designer should provide waterproofing specifications and details. Figure 4 shows a typical wall backdrain detail.

4.3.3 At-Rest Pressure

The at-rest soil pressure for the design of restrained earth retaining structures with level backfills can be taken as equivalent to the pressure of a fluid weighing 60 pcf. A granular and drained backfill condition has been assumed. Surcharge loads from vehicles can be taken into account by assuming an additional 2 feet of soil is supported by the wall. If any other surcharge loads are anticipated, SCS&T should be contacted for the necessary increase in soil pressure.

4.3.4 Seismic Earth Pressure

The seismic earth pressures can be taken as an inverted triangular distribution with a maximum pressure at the top equal to $21H$ pounds per square foot (with H being the height of the retained earth in feet). This pressure is in addition to the static design wall load. The allowable passive pressure and bearing capacity can be increased by $\frac{1}{3}$ in determining the stability of the wall.

4.3.5 Factor of Safety

The above values, with the exception of the allowable soil bearing pressure, do not include a factor of safety. Appropriate factors of safety should be incorporated into the design.

4.4 WALL BACKFILL

Expansive, clayey soils should not be used for backfill material. The wall should not be backfilled until the grout has reached an adequate strength. Excavated on-site materials except for soil containing roots, organic debris and rock greater than 3 inches, can be used as backfill.

Imported fill, if used, should meet the California Department of Transportation Standard Specifications for Structure backfill. This material should be inspected and, if appropriate, tested by SCS&T prior to transport to the site.

Where new fill will be placed, the material exposed in the bottom of the excavation should be scarified to a depth of 6 inches, moisture conditioned and compacted to at least 90% relative compaction. Fill should be placed in 6- to 8-inch thick loose lifts, moisture conditioned to near optimum moisture content, and compacted to at least 90% relative compaction. The maximum dry density and optimum moisture content for the evaluation of relative compaction should be determined in accordance with ASTM D 1557.



4.5 PAVEMENT SECTION RECOMMENDATION

The pavement support characteristics of the soils encountered during our investigation are considered good. An R-value more than 50 was measured. The actual R-value of the subgrade soils should be determined after grading. Based on measured R-value, the following flexible structural sections are recommended for the Traffic Index presented below.

**Table 1
 Pavement Section Recommendations**

Street Classification	TI	Design Section (inches)		
		FULL DEPTH AC ^{Note1}	AC/AB ^{Note2}	PCC ^{Note3}
Cul-De-Sac	5.0	4½	3/5½	6

Note1: AC, asphalt concrete.

Note2: AB, aggregated base shall in conform to Standard Specifications for Public Works Construction, Section 200-2 – Crushed Miscellaneous Base. Alternatively, AB shall conform to Class 2 Aggregate Base in Section 26-1.02 of the Standard Specifications of The State of California Department of Transportation.

Note3: PCC, Portland Cement Concrete in accordance with City of San Diego Standard Drawing Schedule “J”.

The upper 12 inches of subgrade should be scarified; moisture conditioned to above optimum moisture requirements, and compacted to at least 95% relative compaction. All soft or spongy areas should be removed and replaced with compacted fill. The base material should be compacted to at least 95% relative compaction. All materials and methods of construction should conform to good engineering practices and the minimum standards of City of San Diego.

5. CLOSURE

5.1 GEOTECHNICAL REVIEW

The earthwork plans and pertinent sections of the project specifications should be reviewed by the geotechnical engineer to evaluate conformance with the intent of the conclusions and recommendations contained in this report. If project conditions or final design vary from those described in this report, SCS&T should be contacted regarding the applicability of, and the necessity for any revisions to, the conclusions and recommendations presented in this report.

Removal of unsuitable soils, and placement and compaction of bedding and backfill, should be observed by the geotechnical engineer. Appropriate field tests should be performed to provide quality control and quality assurance for bedding and backfill.

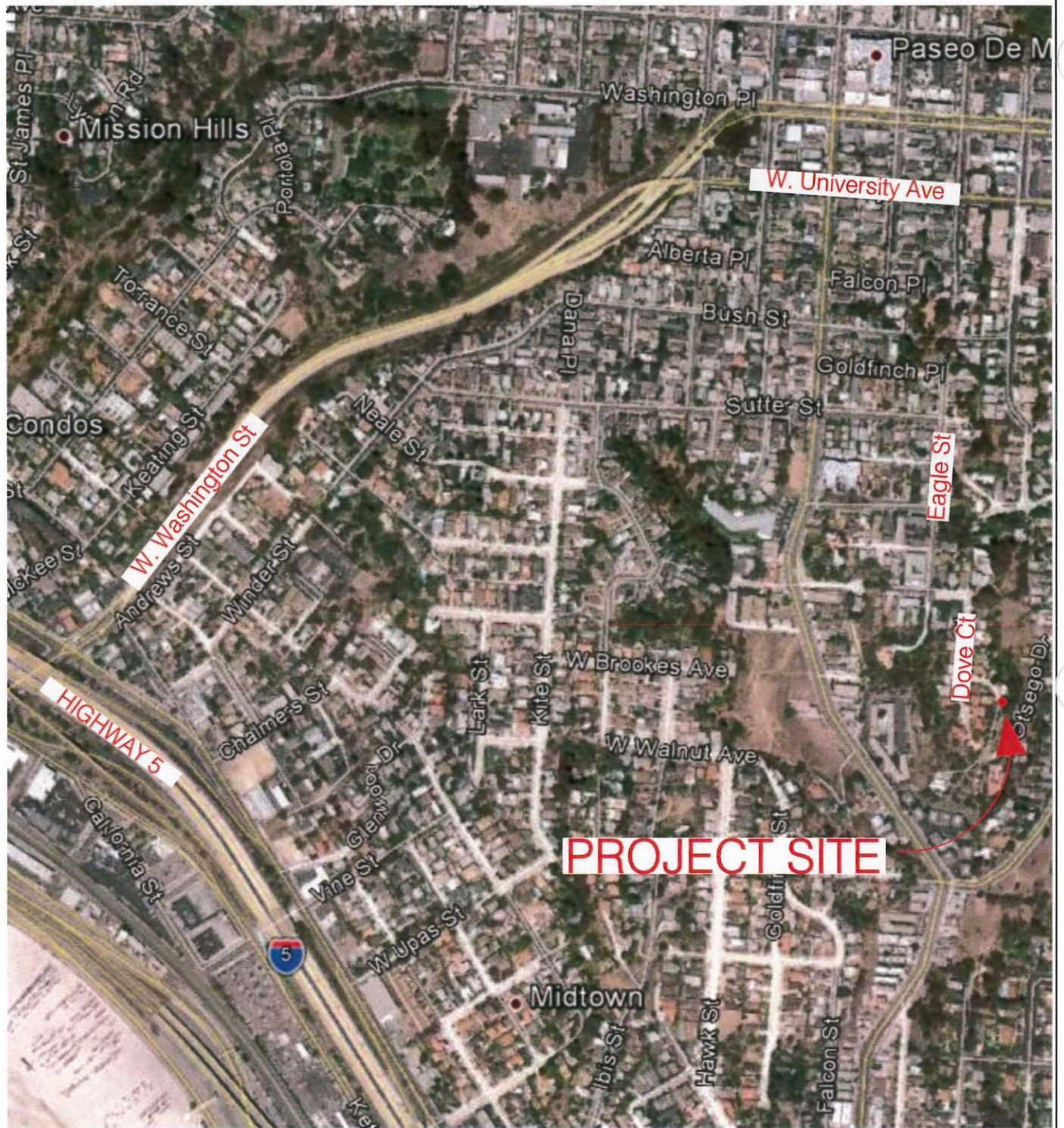


5.2 LIMITATIONS

This report is based on the project as described and the information obtained from the test borings at the approximate locations indicated on Figure 2. The findings are based on the results of the field, laboratory and office investigations, combined with interpolation and extrapolation of conditions between and beyond the test boring locations and reflect interpretation of the limited direct evidence obtained.


This report has been prepared for the use of Harris & Associates in design of the described project. It may not contain sufficient information for other users or other purposes. This report has been prepared in accordance with generally accepted geotechnical practice in City of San Diego. No warranty, express or implied, is given or intended with respect to the information contained in this report.

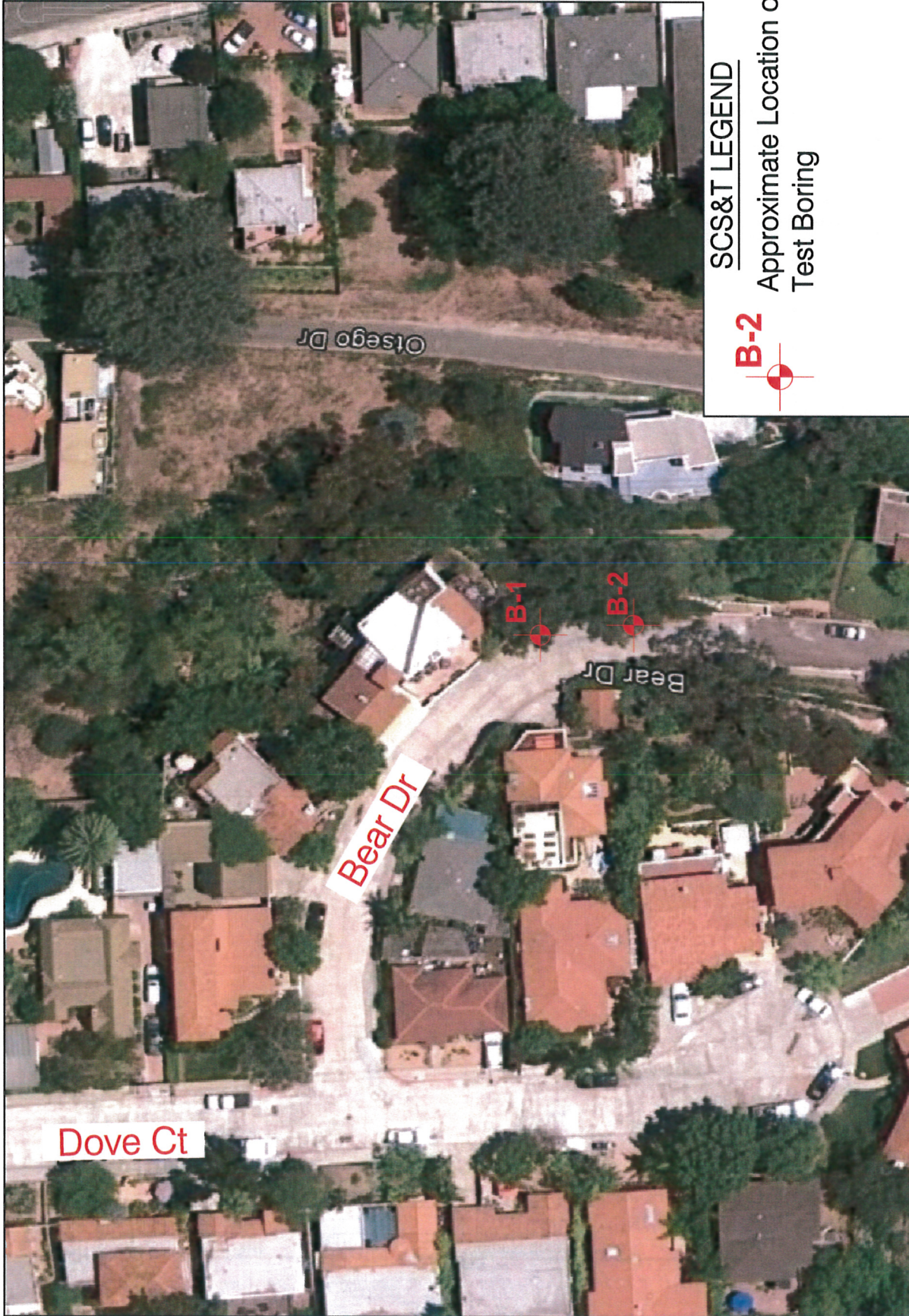




2012 Google Map



 SOUTHERN CALIFORNIA SOIL & TESTING, INC.	SITE VICINITY MAP DEAR DRIVE RETAINING WALL San Diego, California		Date: 2/26/2012 By: EL Job No.: 1211035-1 Scale: Not To Scale	Figure: 1



SCS&T LEGEND



B-2
Approximate Location of
Test Boring



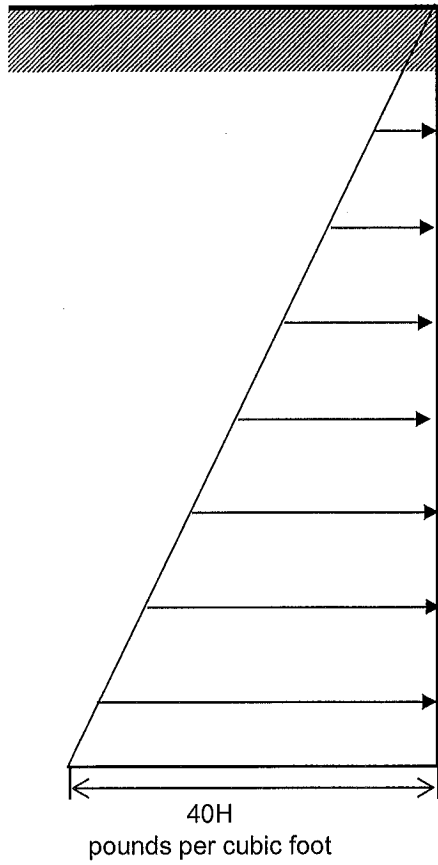
Date: 2/26/2012
By: EL
Job No.: 1211035-1
Scale: Not To Scale

SUBSURFACE INVESTIGATION MAP
BEAR DRIVE RETAINING WALL
SAN DIEGO, CALIFORNIA

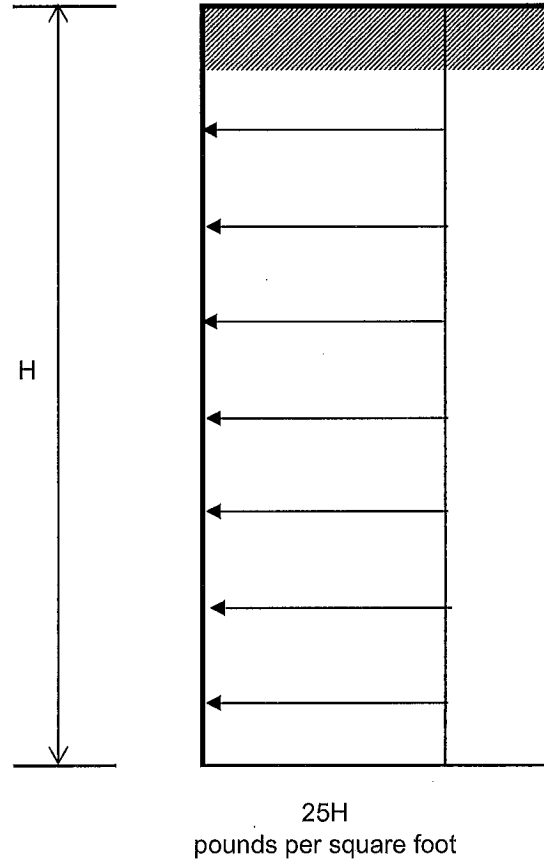


Figure:
2

**CANTILEVER SHORING OR
1 LEVEL OF BRACING**



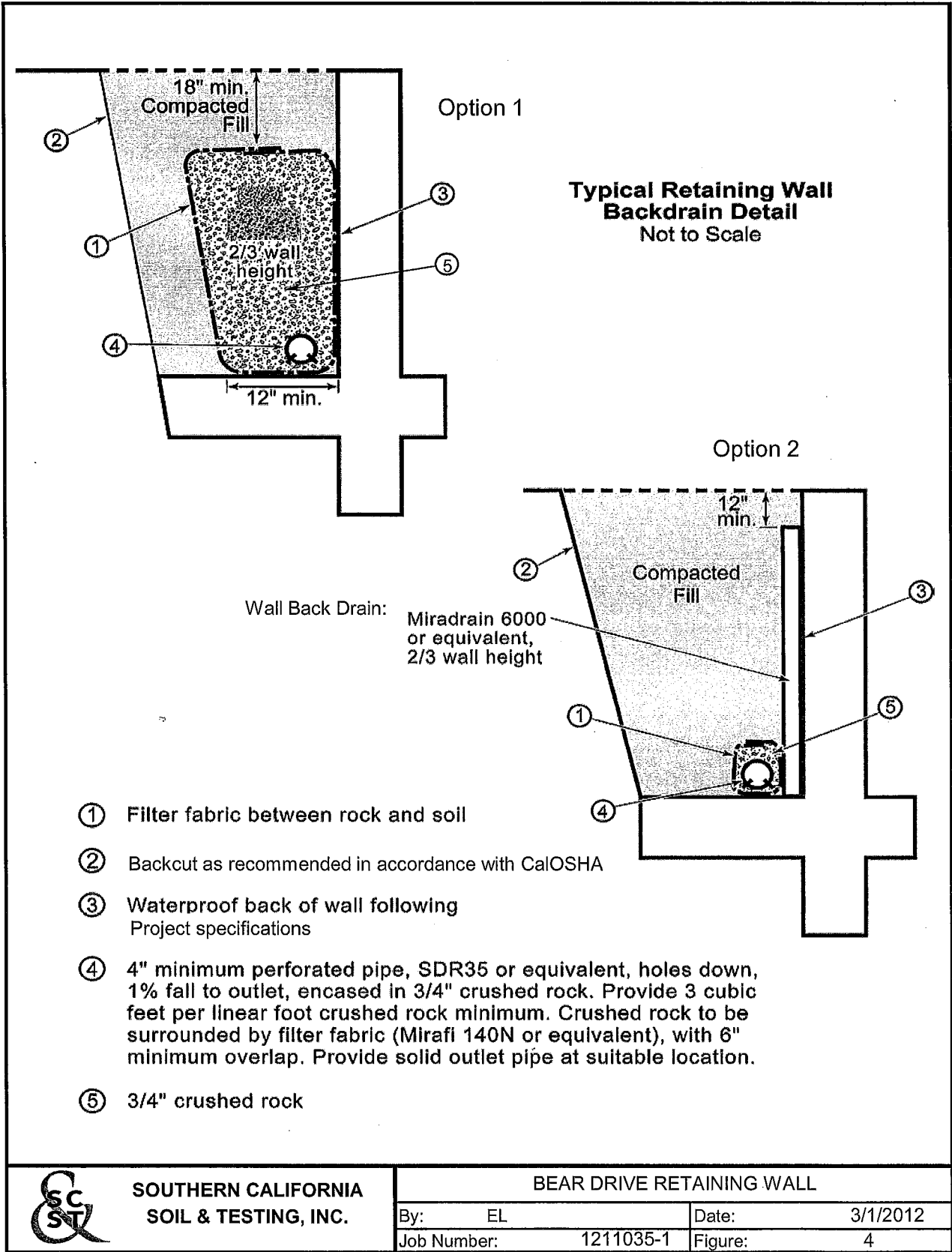
MULTIPLE LEVELS OF BRACING



**SOUTHERN CALIFORNIA
SOIL & TESTING, INC.**

BEAR DRIVE RETAINING WALL

By:	EL	Date:	3/1/2012
Job Number:	1211035-1	Figure:	3



**APPENDIX I
FIELD INVESTIGATION**

Two exploratory test borings were drilled using a truck mounted drill rig equipped with a hollow stem auger at the locations indicated on Figure 2 on February 23, 2012. The fieldwork was performed under the observation of our geology personnel, who also logged the borings and obtained samples of the materials encountered. Relatively undisturbed samples were obtained with a 2.5-inch inner diameter sampler driven with a 140-pound weight falling 30 inches. Disturbed samples were obtained from drill cuttings. The number of blows required to drive the sampler the final 12 inches of an 18-inch drive are noted on the borings logs as "Penetration (blows/ft. of drive)."

The boring logs are presented on Figures I-2 and I-3. Soils are classified in accordance with the Unified Soil Classification System illustrated on Figure I-1.



SUBSURFACE EXPLORATION LEGEND

UNIFIED SOIL CLASSIFICATION CHART

<u>SOIL DESCRIPTION</u>	<u>GROUP SYMBOL</u>	<u>TYPICAL NAMES</u>
I. COARSE GRAINED, more than 50% of material is larger than No. 200 sieve size.		
<u>GRAVELS</u> More than half of coarse fraction is larger than No. 4 sieve size but smaller than 3".	CLEAN GRAVELS	GW Well graded gravels, gravel-sand mixtures, little or no fines
		GP Poorly graded gravels, gravel sand mixtures, little or no fines.
	GRAVELS WITH FINES (Appreciable amount of fines)	GM Silty gravels, poorly graded gravel-sand-silt mixtures.
		GC Clayey gravels, poorly graded gravel-sand, clay mixtures.
<u>SANDS</u> More than half of coarse fraction is smaller than No. 4 sieve size.	CLEAN SANDS	SW Well graded sand, gravelly sands, little or no fines.
		SP Poorly graded sands, gravelly sands, little or no fines.
		SM Silty sands, poorly graded sand and silty mixtures.
		SC Clayey sands, poorly graded sand and clay mixtures.
II. FINE GRAINED, more than 50% of material is smaller than No. 200 sieve size.		
SILTS AND CLAYS (Liquid Limit less than 50)	ML	Inorganic silts and very fine sands, rock flour, sandy silt or clayey-silt-sand mixtures with slight plasticity.
	CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
	OL	Organic silts and organic silty clays or low plasticity.
SILTS AND CLAYS (Liquid Limit greater than 50)	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.
	CH	Inorganic clays of high plasticity, fat clays.
	OH	Organic clays of medium to high plasticity.
III. HIGHLY ORGANIC SOILS	PT	Peat and other highly organic soils.
<u>FIELD SAMPLE SYMBOLS</u>		<u>LABORATORY TEST SYMBOLS</u>
- Bulk Sample CAL - Modified California penetration test sampler CK - Undisturbed chunk sample MS - Maximum Size of Particle - Water seepage at time of excavation or as indicated SPT - Standard penetration test sampler ST - Shelby Tube - Water level at time of excavation or as indicated		AL - Atterberg Limits CON - Consolidation COR - Corrosivity Test - Sulfate - Chloride - pH and Resistivity DS - Direct Shear EI - Expansion Index MAX - Maximum Density RV - R Value SA - Sieve Analysis UC - Unconfined Compression
SOUTHERN CALIFORNIA SOIL & TESTING, INC.	BEAR DRIVE RETAINING WALL	
	By: EL	Date: 3/1/2012
Job Number: 1211035-1	Figure: I-1	

LOG OF EXPLORATORY BORING NUMBER B-1

Date Excavated: 2/23/2012	Logged by: AKN
Equipment: Hollow Stem Auger	Project Manager: GBF
Surface Elevation (ft): N/A	Depth to Water (ft): not encountered

DEPTH (ft)	USCS	SUMMARY OF SUBSURFACE CONDITIONS	SAMPLES		PENETRATION (blows/ ft. of drive)	MOISTURE (%)	DRY UNIT WT. (pcf)	LABORATORY TESTS
			UNDISTURBED	BULK				
		7 INCHES OF CONCRETE (NO BASE COURSE)						
2	SM	FILL - Brownish gray, moist, loose, SILTY SAND.	CAL	 	12			SA
4				 				
6		SAN DIEGO FORMATION - Yellowish brown, moist, very dense, SILTY SANDSTONE.	CAL	 	50/6"			DS
8				 				
10		AUGER REFUSAL AT 10 FEET.	CAL	 	50/3"			
12								
14								
16								
18								
20								






**SOUTHERN CALIFORNIA
SOIL & TESTING, INC.**

BEAR DRIVE RETAINING WALL

By: AKN/EL	Date: 3/1/2012
Job Number: 1211035-1	Figure I-2

LOG OF EXPLORATORY BORING NUMBER B-2

Date Excavated: 2/23/2012	Logged by: AKN
Equipment: Hollow Stem Auger	Project Manager: GBF
Surface Elevation (ft): N/A	Depth to Water (ft): not encountered

DEPTH (ft)	USCS	SUMMARY OF SUBSURFACE CONDITIONS	SAMPLES		PENETRATION (blows/ ft. of drive)	MOISTURE (%)	DRY UNIT WT. (pcf)	LABORATORY TESTS
			UNDISTURBED	BULK				
		9 INCHES OF CONCRETE (NO BASE COURSE)						
2	SM	FILL - Brown, moist, loose, SILTY SAND.	CAL		23	5.0	103.9	RV
4		SAN DIEGO FORMATION - Yellowish brown, moist, very dense, SILTY SANDSTONE.	CAL		50/6"			
10		BOTTOM OF BORING AT 10 FEET.	CAL		50/5"			
12								
14								
16								
18								
20								



**SOUTHERN CALIFORNIA
SOIL & TESTING, INC.**

BEAR DRIVE RETAINING WALL

By: AKN/EL	Date: 3/1/2012
Job Number: 1211035-1	Figure: I-3

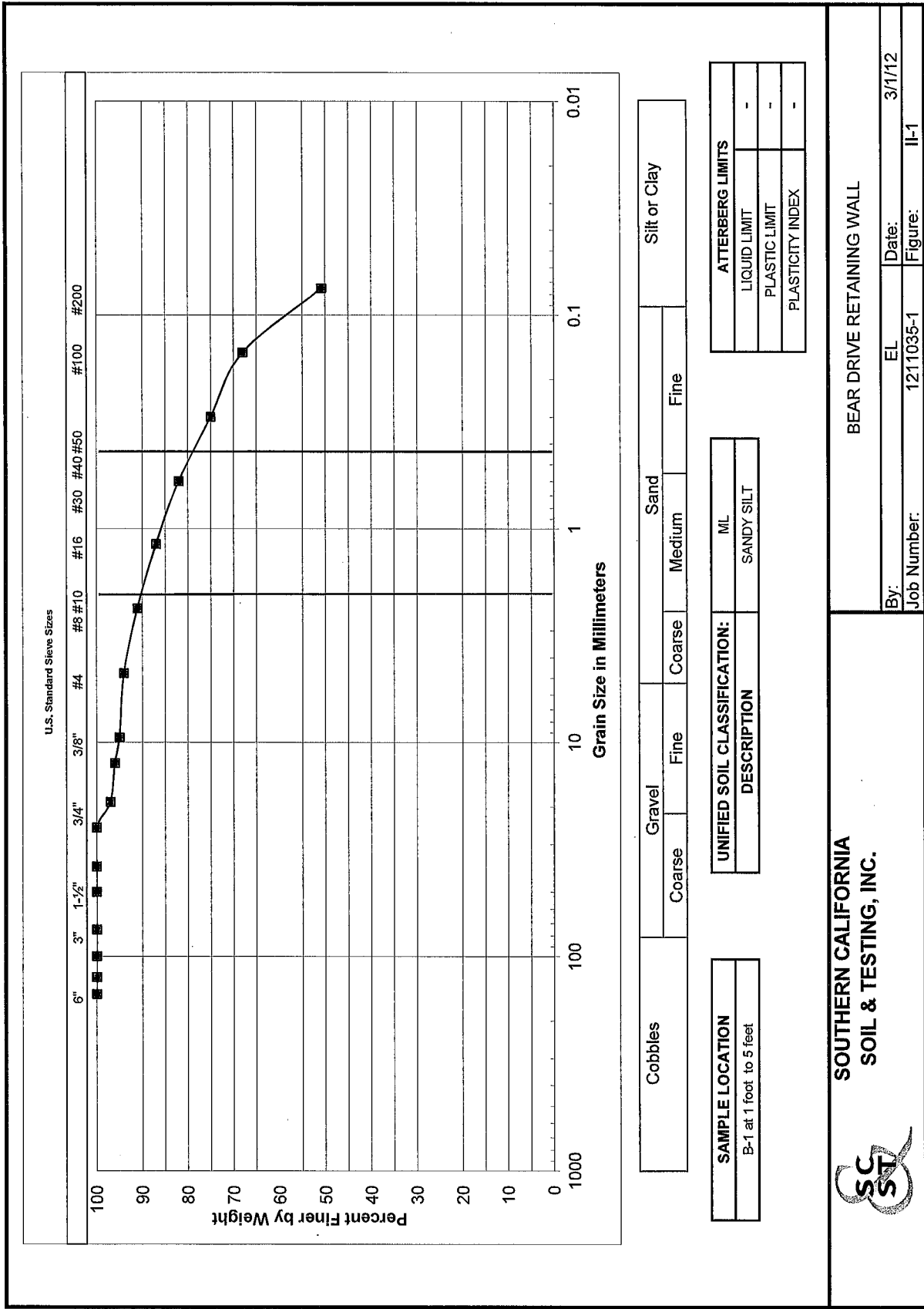
APPENDIX II
LABORATORY TESTING

SUMMARY

Laboratory tests were performed to provide geotechnical parameters for engineering analyses. The following tests were conducted:

- **CLASSIFICATION:** Field classifications were verified in the laboratory by visual examination. The final soil classifications are in accordance with the Unified Soil Classification System.
- **GRAIN SIZE DISTRIBUTION:** The grain size distributions were determined for 1 sample in accordance with ASTM D 422. The result is presented on Figure II-1.
- **RESISTANCE R-VALUE:** R-value was determined at a three-foot depth from existing finished grade in accordance with California Test 301. The result is presented on Figure II-2.
- **DIRECT SHEAR:** One direct shear test was performed in accordance with ASTM D 3080. The shear stress was applied at a constant rate of strain of approximately 0.003 inch per minute. The results are presented on Figure II-3.





Cobbles	Gravel		Sand		Silt or Clay
	Coarse	Fine	Coarse	Fine	

SAMPLE LOCATION
B-1 at 1 foot to 5 feet

UNIFIED SOIL CLASSIFICATION:	ML
DESCRIPTION	SANDY SILT

ATTERBERG LIMITS	
LIQUID LIMIT	-
PLASTIC LIMIT	-
PLASTICITY INDEX	-



**SOUTHERN CALIFORNIA
SOIL & TESTING, INC.**

BEAR DRIVE RETAINING WALL

By:	EL	Date:	3/1/12
Job Number:	1211035-1	Figure:	II-1

R - Value

Caltran Test 301

SAMPLE IDENTIFICATION	DESCRIPTION	R- Value
B-2 at 1 foot to 3 feet	Brown Silty Sand	64

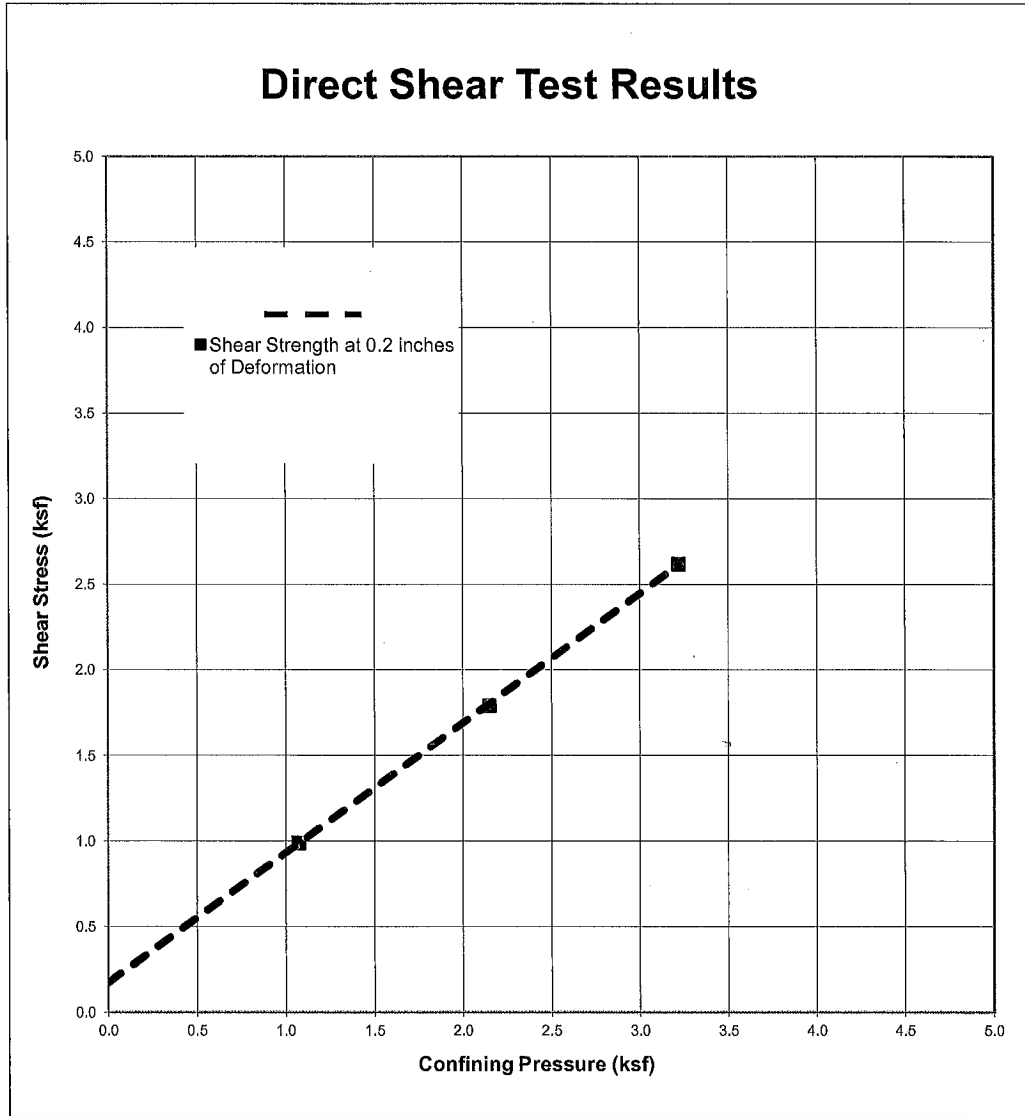



**SOUTHERN CALIFORNIA
SOIL & TESTING, INC.**

BEAR DRIVE RETAINING WALL

By:	EL	Date:	3/1/2012
Job No.:	1211035-1	Figure:	II-1

Direct Shear Test Results



SAMPLE	DESCRIPTION	INTERNAL FRICTION ANGLE(DEG.)	COHESION INTERCEPT (PSF)
B-1 at 6 feet	Yellowish brown silty sand (in-situ)	37	172
<i>Shear Strength at 0.2 inches of Deformation</i>			
 SOUTHERN CALIFORNIA SOIL & TESTING		BEAR DRIVE RETAINING WALL	
		By: EL	Date: 3/1/2012
		Job Number: 1211035-1	Figure: II-3



JUST CONSTRUCTION, INC.

GENERAL BUILDING & ENGINEERING CONTRACTORS
CONTRACTOR'S LICENSE NO.: 968910 (A, B, C-8)

www.justconstructioninc.com

3103 Market Street
San Diego, CA 92102
Ph: (619) 702-7220 Fax: (619) 702-7110

FAX TRANSMITTAL

To:	Celia Navaro, Contracting Division City of San Diego (619) 533-3633	From:	Norma Soto
		Date:	December 04, 2013
Re:	Bid #L-14-5212-DBB-2-A-Bear Drive Wall		

Ms. Navarro,

Just Construction, Inc. is in concurrence with your tabulation of our bid, the correct amount is \$287,000.00

Should you have any questions or need additional project information, please contact me at (619) 702-7220.

Thank you,
Norma Soto

12/4/13 EW

City of San Diego

CONTRACTOR'S NAME: Just Construction, Inc.
 ADDRESS: 3103 Market Street, San Diego, CA 92102
 TELEPHONE NO.: 619-702-7220 FAX NO.: 619-702-7110
 CITY CONTACT: Clementina Giordano - Contract Specialist, Email CGiordano@sandiego.gov
Phone No. (619) 533-3481, Fax No. (619) 533-3633
 JGuise/BDoringo/LAD

CONTRACT DOCUMENTS FOR



BEAR DRIVE WALL

VOLUME 2 OF 2

BID NO.: L-14-5212-DBB-2-A
 SAP NO. (WBS/IO/CC): S-10093
 CLIENT DEPARTMENT: 2116
 COUNCIL DISTRICT: 2
 PROJECT TYPE: IF

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

- THE CITY'S SUBCONTRACTING PARTICIPATION REQUIREMENTS FOR SLBE PROGRAM.
- COMPETITION RESTRICTED TO: SLBE-ELBE ELBE FIRMS ONLY.
- PREVAILING WAGE RATES: STATE FEDERAL

**THIS BIDDING DOCUMENT TO BE SUBMITTED IN ITS ENTIRETY
REFER TO NOTICE INVITATING BIDS FOR TIME, DATE, AND LOCATION**

TABLE OF CONTENTS

Volume 2 - Bidding Documents

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

<u>DESCRIPTION</u>	<u>PAGE NUMBER</u>
1. Proposal	3
2. Bid Bond	6
3. Non-Collusion Affidavit to be executed by Bidder and Submitted with Bid under 23 USC 112 and PCC 7106	7
4. Contractors Certification of Pending Actions	8
5. Equal Benefits Ordinance Certification of Compliance.....	9
6. Proposal (Bid).....	10
7. Form AA35 - List of Subcontractors	13
8. Form AA40 - Named Equipment/Material Supplier List	14

BIDDING DOCUMENTS

PROPOSAL

Bidder's General Information

To the City of San Diego:

Pursuant to "Notice Inviting Bids", specifications, and requirements on file with the City Clerk, and subject to all provisions of the Charter and Ordinances of the City of San Diego and applicable laws and regulations of the United States and the State of California, the undersigned hereby proposes to furnish to the City of San Diego, complete at the prices stated herein, the items or services hereinafter mentioned. The undersigned further warrants that this bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

The undersigned bidder(s) further warrants that bidder(s) has thoroughly examined and understands the entire Contract Documents (plans and specifications) and the Bidding Documents therefore, and that by submitting said Bidding Documents as its bid proposal, bidder(s) acknowledges and is bound by the entire Contract Documents, including any addenda issued thereto, as such Contract Documents incorporated by reference in the Bidding Documents.

IF A SOLE OWNER OR SOLE CONTRACTOR SIGN HERE: N/A

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

BIDDING DOCUMENTS

IF A PARTNERSHIP, SIGN HERE: N/A

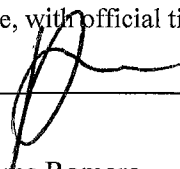
- (1) Name under which business is conducted _____
- (2) Name of each member of partnership, indicate character of each partner, general or special (limited):

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

Full Name and Character of partner

- (4) Place of Business (Street & Number) _____
- (5) City and State _____ Zip Code _____
- (6) Telephone No. _____ Facsimile No. _____
- (7) Email Address _____

IF A CORPORATION, SIGN HERE:

- (1) Name under which business is conducted Just Construction, Inc.
- (2) Signature, with official title of officer authorized to sign for the corporation:


(Signature)
H. Andres Romero

(Printed Name)
President

(Title of Officer)

(Impress Corporate Seal Here)
- (3) Incorporated under the laws of the State of California
- (4) Place of Business (Street & Number) 3103 Market Street
- (5) City and State San Diego, CA Zip Code 92102

BIDDING DOCUMENTS

(6) Telephone No. 619-702-7220 Facsimile No. 619-702-7110

(7) Email Address andres@justconstructioninc.com

THE FOLLOWING SECTIONS MUST BE FILLED IN BY ALL PROPOSERS:

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

LICENSE CLASSIFICATION A, B, C-8

LICENSE NO. 968910 EXPIRES 01/31/2014


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

TAX IDENTIFICATION NUMBER (TIN): [REDACTED]

E-Mail Address: andres@justconstructioninc.com

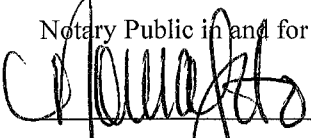
THIS PROPOSAL MUST BE NOTARIZED BELOW:

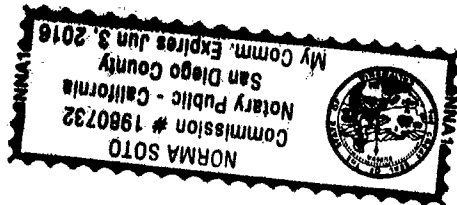
I certify, under penalty of perjury, that the representations made herein regarding my State Contractor's license number, classification and expiration date are true and correct.

Signature  Title President

SUBSCRIBED AND SWORN TO BEFORE ME, THIS 3rd DAY OF December, 2013.

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


(NOTARIAL SEAL)



BIDDING DOCUMENTS

BID BOND

KNOW ALL MEN BY THESE PRESENTS,

That Just Construction, Inc. as Principal, and State National Insurance Company, Inc. administered by: Contractor Managing General Insurance Agency, Inc. as Surety, are held and firmly bound unto The City of San Diego hereinafter called "OWNER," in the sum of **10% OF THE TOTAL BID AMOUNT** for the payment of which sum, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

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

Contracts

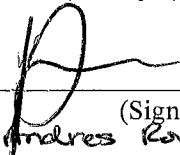
Bear Drive Wall

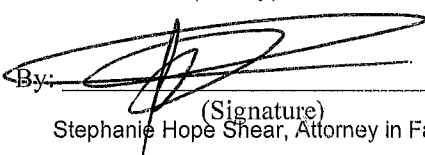
NOW THEREFORE, if said Principal is awarded a contract by said OWNER and, within the time and in the manner required in the "Notice Inviting Bids" enters into a written Agreement on the form of agreement bound with said Contract Documents, furnishes the required certificates of insurance, and furnishes the required Performance Bond and Payment Bond, then this obligation shall be null and void, otherwise it shall remain in full force and effect. In the event suit is brought upon this bond by said OWNER and OWNER prevails, said Surety shall pay all costs incurred by said OWNER in such suit, including a reasonable attorney's fee to be fixed by the court.

SIGNED AND SEALED, this 22nd day of November, 2013

Just Construction, Inc (SEAL)
(Principal)

State National Insurance Company, Inc. administered by:
Contractor Managing General Insurance Agency, Inc. (SEAL)
(Surety)

By: 
(Signature)
H. Andres Romero, President

By: 
(Signature)
Stephanie Hope Shear, Attorney in Fact

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

**State National Insurance Company, Inc. Administered by:
CONTRACTOR MANAGING GENERAL INSURANCE AGENCY, INC.**

POWER OF ATTORNEY

KNOW BY ALL THESE PRESENTS That STATE NATIONAL INSURANCE COMPANY, INC. a corporation organized and existing under the laws of the State of Texas, having its principal office in Bedford, Texas does hereby constitute and appoint

Stephanie Hope Shear

its true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, the following bond described as:

Bear Drive Wall

for: Three Million and 00/100 Dollars (\$3,000,000)

and undertakings, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise.

The execution of such instrument(s) in pursuance of these present, shall be as binding upon STATE NATIONAL INSURANCE COMPANY, INC. as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at the principal office.

RESOLVED that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, contracts of indemnity and other writings obligatory in the nature thereof, and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, STATE NATIONAL INSURANCE COMPANY, INC. has caused this instrument to be signed and its corporate seal to be affixed by its authorized officer, this 11th day of June, 2012.

STATE NATIONAL INSURANCE COMPANY, INC.

Terry L. Ledbetter, President

Wyatt D. Blackburn, Secretary

STATE OF TEXAS
County of Tarrant

On this 11th day of June, 2011 before me came the individuals who executed the preceding instrument, to me personally known, and being by me duly sworn, said that each of the herein described and authorized officer of STATE NATIONAL INSURANCE COMPANY, INC.; that the seal affixed to said instrument is the Corporate Seal of said Company; that the Corporate Seal and each signature were duly affixed by order of the Board of Directors of said Company.

IN WITNESS WHEREOF, I have hereunto set my hand at Bedford, Texas the day and year above written.



[Notary Stamp]

Signature of Notary

I, Wyatt D. Blackburn, Secretary of STATE NATIONAL INSURANCE COMPANY, INC., do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney executed by STATE NATIONAL INSURANCE COMPANY, INC., which is still in full force and effect.

IN WITNESS WHEREOF, I have thereunto set my hand and attested the seal of said Company this 22nd day of November, 2013.

Wyatt D. Blackburn, Secretary

CALIFORNIA ALL - PURPOSE ACKNOWLEDGEMENT

State of California

County of Los Angeles

NOV 22 2013

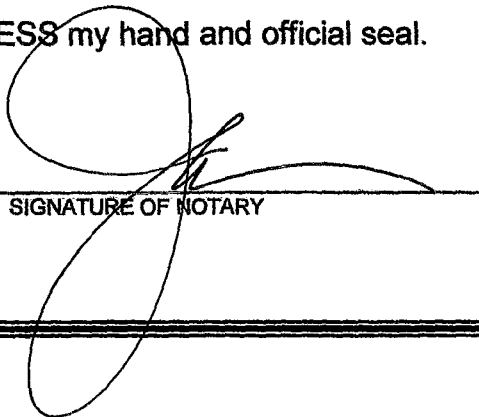
On _____ before me, JAN MICHELLE RIVERA, NOTARY PUBLIC
DATE NAME, TITLE OF OFFICER

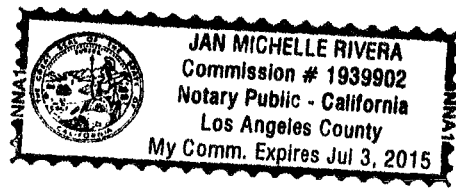
Personally appeared STEPHANIE HOPE SHEAR
NAME(S) OF SIGNER(S)

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

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

WITNESS my hand and official seal.


SIGNATURE OF NOTARY



NOTARY SEAL

NON-COLLUSION AFFIDAVIT TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID UNDER 23 UNITED STATES CODE 112 AND PUBLIC CONTRACT CODE 7106

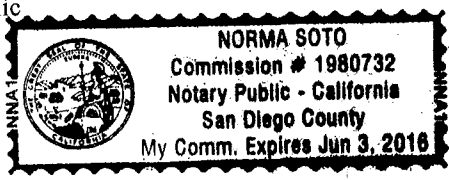
State of California)
County of San Diego) ss.

H. Andres Romero, being first duly sworn, deposes and says that he or she is President of the party making the foregoing bid that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

Signed: [Signature]
Title: President

Subscribed and sworn to before me this 3rd day of December, 2013.
[Signature]
Notary Public

(SEAL)



CONTRACTORS CERTIFICATION OF PENDING ACTIONS

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against the Bidder in a legal or administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.

CHECK ONE BOX ONLY.

- The undersigned certifies that within the past 10 years the Bidder has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers.

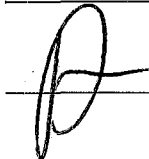
- The undersigned certifies that within the past 10 years the Bidder has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of that complaint, including any remedial action taken and the applicable dates is as follows:

DATE OF CLAIM	LOCATION	DESCRIPTION OF CLAIM	LITIGATION (Y/N)	STATUS	RESOLUTION/REMEDIAL ACTION TAKEN

Contractor Name: Just Construction, Inc.

Certified By H. Andres Romero Title President

Name



Signature

Date 12/03/2013

USE ADDITIONAL FORMS AS NECESSARY

BIDDING DOCUMENTS

**EQUAL BENEFITS ORDINANCE
CERTIFICATION OF COMPLIANCE**



For additional information, contact:
CITY OF SAN DIEGO
EQUAL BENEFITS PROGRAM
 202 C Street, MS 9A, San Diego, CA 92101
 Phone (619) 533-3948 Fax (619) 533-3220

COMPANY INFORMATION

Company Name: Just Construction, Inc.	Contact Name: H. Andres Romero
Company Address: 3103 Market Street, San Diego, CA 92102	Contact Phone: 619-702-7220
	Contact Email: andres@justconstructioninc.com

CONTRACT INFORMATION

Contract Title: Bear Drive Wall	Start Date:
Contract Number (if no number, state location):	End Date:

SUMMARY OF EQUAL BENEFITS ORDINANCE REQUIREMENTS

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

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

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

CONTRACTOR EQUAL BENEFITS ORDINANCE CERTIFICATION

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

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

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

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

H. Andres Romero, President		12/03/2013
Name/Title of Signatory	Signature	Date

FOR OFFICIAL CITY USE ONLY

Receipt Date:	EBO Analyst:	<input type="checkbox"/> Approved	<input type="checkbox"/> Not Approved – Reason:
---------------	--------------	-----------------------------------	---

rev 02/15/2011

BIDDING DOCUMENTS

PROPOSAL (BID)

The Bidder agrees to the construction of **Bear Drive Wall**, for the City of San Diego, in accordance with these contract documents for the prices listed below. The Bidder guarantees the Contract Price for a period of 120 days (90 days for federally funded contracts and contracts valued at \$500,000 or less) from the date of Bid opening to Award of the Contract. The duration of the Contract Price guarantee shall be extended by the number of days required for the City to obtain all items necessary to fulfill all conditions precedent e.g., bond and insurance.

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
BASE BID							
1	1	LS	524126	2-4.1	Bonds (Payment and Performance)	 	\$ 4,725.00
2	1	LS	238990	7-9.1.1	Video Recording of Pre-existing Conditions	 	\$ 2,625.00
3	1	LS	237310	7-10.2.6	Traffic Control	 	\$ 8,557.50
4	1	LS	238110	9-3.1	Remove Existing Wall	 	\$ 10,500.00
5	1	LS	238110	9-3.1	Shoring and Bracing	 	\$ 40,025.00
6	6	EA	237110	9-3.1	Adjust to Grade, Replace, or Remove Meter Box as Needed	\$ 1,050.00	\$ 6,300.00
7	1	LS	238110	9-3.4.1	Mobilization	 	\$ 8,577.00
8	1	AL		9-3.5	Field Orders - Type II	 	\$ 20,000.00
9	405	CY	238110	300-3.6	Structure Excavation and Backfill	\$ 78.80	\$ 31,914.00
10	1	LS	238910	300-1.4	Clearing and Grubbing	 	\$ 4,200.00
11	80	CY	237310	302-6.8	6" Concrete Pavement	\$ 131.30	\$ 10,504.00
12	85	LF	238110	303-1.11	Concrete Retaining Wall, Drainage System, and Architectural Face	\$ 882.00	\$ 74,970.00
13	85	LF	238110	303-1.11	Construct Concrete Barrier	\$ 283.50	\$ 24,097.50
14	115	LF	237110	306-1.6	8" Water Pipe	\$ 84.00	\$ 9,660.00
15	1	EA	237110	306-1.9.1	Reconnect/Rebuild Sewer Cleanout	\$ 3,675.00	\$ 3,675.00
16	1	EA	561730	308-8	Pepper Tree 36 inch Box	\$ 2,625.00	\$ 2,625.00
17	1	LS	561730	308-8	Landscape, Irrigation and Mulch	 	\$ 4,200.00
18	1	LS	237310	314-4.3.7	Painted Traffic Stripes and Painted Curb Markings	 	\$ 3,150.00
19	1	LS	237110	600-1.2.2.10	High-lining by the Contractor	 	\$ 4,935.00
20	1	EA	237110	600-1.3.2.10	8-Inch through 12-Inch Connections to the Existing System by Contractor	\$ 7,560.00	\$ 7,560.00

BIDDING DOCUMENTS

Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension	Quantity
21	1	LS	541330	701-13.9.5	Water Pollution Control Program Development	 	\$ 1,575.00
22	1	LS	237990	701-13.9.5	Water Pollution Control Program Implementation	 	\$ 2,625.00
ESTIMATED TOTAL BASE BID:							\$287,400.00

287,000.00 CW

TOTAL BID PRICE FOR BID (Items 1 through 22 inclusive) amount written in words:

Two Hundred Eighty-Seven Thousand Four Hundred dollars

The Bid shall contain an acknowledgment of receipt of all addenda, the numbers of which shall be filled in on the Bid form. If an addendum or addenda has been issued by the City and not noted as being received by the Bidder, this proposal shall be rejected as being **non-responsive**. The following addenda have been received and are acknowledged in this bid: none

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

Just Construction, Inc.

H. Andres Romero, President

Sonia Garcia, Treasurer

Norma Soto, Secretary

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

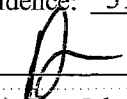
Bidder: Just Construction, Inc.

Title: President

Business Address: 3103 Market Street, San Diego, CA 92102

Place of Business: 3103 Market Street, San Diego, CA 92102

Place of Residence: 3103 Market Street, San Diego, CA 92102

Signature: 

BIDDING DOCUMENTS

NOTES:

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

BIDDING DOCUMENTS

LIST OF SUBCONTRACTORS

In accordance with the requirements provided in the "Subletting and Subcontracting Fair Practices Act", Division 2, Part 1, Chapter 4 of the Public Contract Code, the Bidder shall list below the name and address of each Subcontractor who will perform work, labor, render services or specially fabricates and installs a portion [type] of the work or improvement, in an amount in excess of 0.5% of the Contractor's total Bid. The Bidder shall also list below the portion of the work which will be done by each subcontractor under this Contract. The Contractor shall list only one Subcontractor for each portion of the Work. The **DOLLAR VALUE** of the total Bid to be performed shall be stated for all subcontractors listed. Failure to comply with this requirement shall result in the Bid being rejected as **non-responsive** and ineligible for award. The Bidder's attention is directed to the Special Provisions - General; Paragraph 2-3 Subcontracts, which stipulates the percent of the Work to be performed with the Bidders' own forces. The Bidder shall list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors that Bidders are seeking recognition towards achieving any mandatory, voluntary, or both subcontracting participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB ^①	WHERE CERTIFIED ^②	CHECK IF JOINT VENTURE PARTNERSHIP
Name: <u>Western Foundations</u> Address: <u>10875 Highway 67</u> City: <u>Lakeside</u> State: <u>CA</u> Zip: <u>92040</u> Phone: <u>619-561-3510</u>	Constructor and Designer	Shoring	\$38,355.00			
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____						
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____						

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

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

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

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

01326
ew

The Bidder will not receive any subcontracting participation percentages if the Bidder fails to submit the required proof of certification.

BIDDING DOCUMENTS

NAMED EQUIPMENT/MATERIAL SUPPLIER LIST

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

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

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

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

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

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

The Bidder will not receive any subcontracting participation percentages if the Bidder fails to submit the required proof of certification.

SITE ADDRESS

3800 BEAR DRIVE, SAN DIEGO, CA 92103

TOPOGRAPHY SOURCE

PER CITY OF SAN DIEGO, SURVEY. UG 690F, HACKNEY, 210-1722, W0174801, 8/25/1999

NOTE: PROPERTY LINES AND EXISTING EASEMENT LINES SHOWN HEREON WERE ESTABLISHED FROM AVAILABLE RECORD MAPS AND ASSESSOR'S MAPS. NO TITLE REPORTS WERE REVIEWED FOR THIS PROJECT. SELECT RECORD MONUMENTS WERE TIED INTO THE PROJECT COORDINATE SYSTEM TO ORIENTATE RECORD MAPS. BEARINGS AND DISTANCES TAKEN FROM THIS DRAWING REPRESENT A BEST FIT COMPILATION OF RECORD DATA. THESE PROPERTY LINES AND EXISTING EASEMENT LINES ARE INTENDED TO BE USED FOR A GRAPHIC REPRESENTATION ONLY.

FIELD DATA

BENCHMARK: 246 LEAD AND TAG STAMPED CITY SD ENG ON THE TOP OF CURB AT THE NORTHEAST CORNER OF 30TH & REDWOOD ST ELEV.=307.72' MSL, BASED ON NGVD 29.

FIELD NOTES: PER SAN DIEGO COUNTY SURVEY MONUMENT DETAIL AS OF 6/2/2004 PREPARED BY THE DEPARTMENT OF PUBLIC WORKS.

BASIS OF BEARINGS / COORDINATES:

246 LEAD AND TAG STAMPED CITY SD ENG ON THE TOP OF CURB AT THE NORTHEAST CORNER OF 30TH & REDWOOD ST N 1849258.52' E 6291295.86'

PER SAN DIEGO COUNTY SURVEY MONUMENT DETAIL AS OF 6/2/2004 PREPARED BY THE DEPARTMENT OF PUBLIC WORKS.

39 3" BRASS DISC STAMPED "PORT OF SAN DIEGO GPS CONTROL SDUPD-031 LS6000" IN CONCRETE MEDIUM ON THE WEST SIDE OF WASHINGTON AT THE PACIFIC HIGHWAY ON RAMP. 50' WEST OF NOSE

N 1850666.512' E 6274356.585'

REFERENCES:

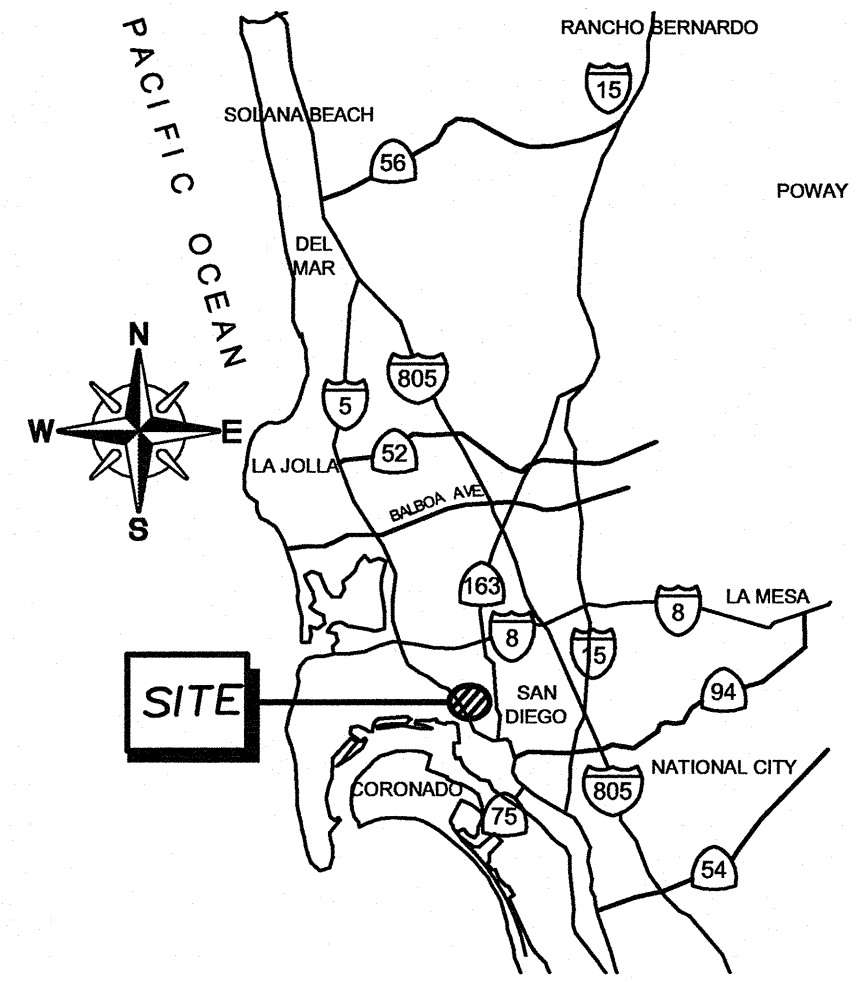
ROS 17055

LIST OF ABBREVIATIONS

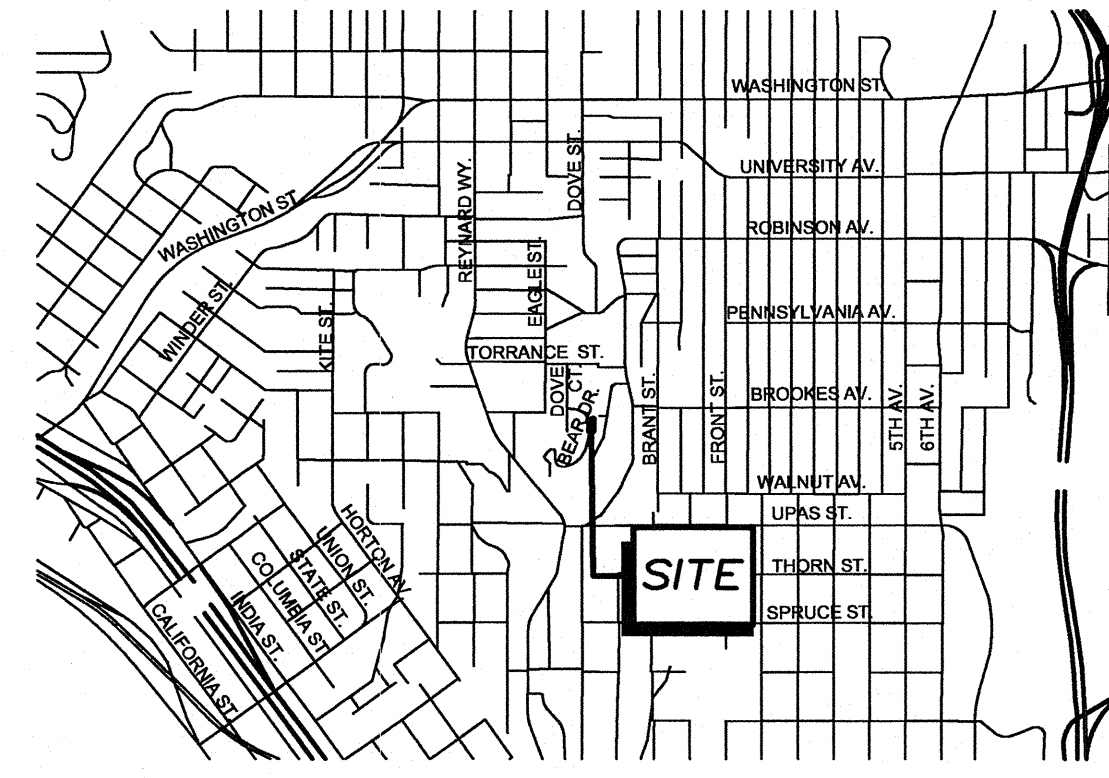
SECTION 1.3 OF THE GREENBOOK LISTS THE STANDARD ABBREVIATIONS FOR THOSE NOT LISTED BELOW.

Table with columns: ABBREVIATION, DEFINITION, ABBREVIATION, DEFINITION. Lists various engineering abbreviations like AC, BC, BCR, B.M., CL=Q, CY, etc.

BEAR DRIVE RETAINING WALL AND STREET IMPROVEMENTS



VICINITY MAP NO SCALE



LOCATION MAP NO SCALE

GRADING NOTES

1. GRADING AS SHOWN ON THESE PLANS SHALL BE IN CONFORMANCE WITH CURRENT STANDARD SPECIFICATIONS AND CHAPTER 14, ARTICLE 2, DIVISION 1, OF THE SAN DIEGO MUNICIPAL CODE.

UNDERGROUND UTILITIES

AT LEAST THREE (3) WORKING DAYS PRIOR TO EXCAVATION, THE CONTRACTOR SHALL REQUEST A MARKOUT OF UNDERGROUND UTILITIES BY CALLING THE BELOW LISTED REGIONAL NOTIFICATION CENTER FOR AN INQUIRY IDENTIFICATION NUMBER:

UNDERGROUND SERVICE ALERT (U.S.A.) 1-800-422-4133

CONTRACTOR'S RESPONSIBILITIES

CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING: SAFETY OF ALL PERSONS AND PROPERTY, AND THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

REFERENCE DRAWINGS

Table with columns: Sheet No, Description, Sheet No's, Total sheets. Lists drawing sheets like 4386-L, 13062-D, etc.

TOTAL DISTURBED AREA

3,000 SF, (0.67 ACRES)

STREET CLASSIFICATION

STREET NAME: BEAR DRIVE STREET CLASSIFICATION, ADT= (WK-DAY VOL. = >2,000)

TRAFFIC CONTROL NOTES:

THE CONTRACTOR SHALL, PER SECTION 7-10.2.2 OF THE CONTRACT SPECIAL PROVISIONS, PREPARE TRAFFIC CONTROL SHOP DRAWINGS AND SUBMIT THEM TO THE RESIDENT ENGINEER. THE SHOP DRAWINGS WILL BE SENT TO THE ENGINEERING TRAFFIC CONTROL SECTION FOR REVIEW AND APPROVAL.

WATER POLLUTION CONTROL NOTES:

THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS NOTED IN THE GREENBOOK 2012 CITY SUPPLEMENT SEC 701 - WATER POLLUTION CONTROL.

WORK TO BE DONE

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS AND THE STANDARD SPECIFICATIONS AND THE STANDARD DRAWINGS OF THE CITY OF SAN DIEGO. REMOVE AND REPLACE APPROXIMATELY 85' OF RETAINING WALL AND ROADWAY ON BEAR DRIVE

STORM WATER PROTECTION

THIS PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT ORDER NO. R9-2007-001 AND WATER POLLUTION CONTROL PLAN (WPCP). PROJECT WPCP SHALL BE PREPARED AND IMPLEMENTED IN ACCORDANCE WITH THE CITY OF SAN DIEGO STORM WATER STANDARDS MANUAL AND R9 2009-0009-DWG AS AMENDED BY 2010-0014-DWG SEPTEMBER 2, 2009 AS MODIFIED ON NOVEMBER 16, 2010.

WATER POLLUTION CONTROL PLAN

THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS NOTED IN THE GREENBOOK 2012 CITY SUPPLEMENT SEC 701 - WATER POLLUTION CONTROL.

UNDERGROUND UTILITIES

AT LEAST THREE (3) WORKING DAYS PRIOR TO EXCAVATION, THE CONTRACTOR SHALL REQUEST A MARKOUT OF UNDERGROUND UTILITIES BY CALLING THE BELOW LISTED REGIONAL NOTIFICATION CENTER FOR AN INQUIRY IDENTIFICATION NUMBER:

LEGEND

PROPOSED IMPROVEMENTS

Table mapping improvement types to symbols and standards. Includes Retaining Wall, PCC Pavement, Area of Excavation, etc.

EXISTING IMPROVEMENTS

Table mapping existing features to symbols. Includes Index Contour, Intermediate Contour, Property Line, etc.

LIST OF WORK

Table with columns: SHEET NO., DISCIPLINE CODE, TITLE, LIMITS. Lists work items like Title Sheet, Details, Improvement Plan, etc.

DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

Signature of Robert C. Sutherland, Jr. DATE: 3-11-13 R.C.E. NO.: C38819

CITY OF SAN DIEGO PUBLIC WORKS PROJECT



TEMPORARY BMP CONSTRUCTION SITE STORM WATER PRIORITY: HIGH MEDIUM LOW

PREPARED BY: HARRIS & ASSOCIATES 750 B Street, Suite 1800 San Diego, CA 92101

Signature of Robert C. Sutherland, Jr. DATE: 3-11-13 R.C.E. NO.: C38819

SPEC. NO. 5212



BEAR DRIVE RETAINING WALL AND STREET IMPROVEMENTS

TITLE SHEET

CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 1 OF 8 SHEETS WBS S-10093

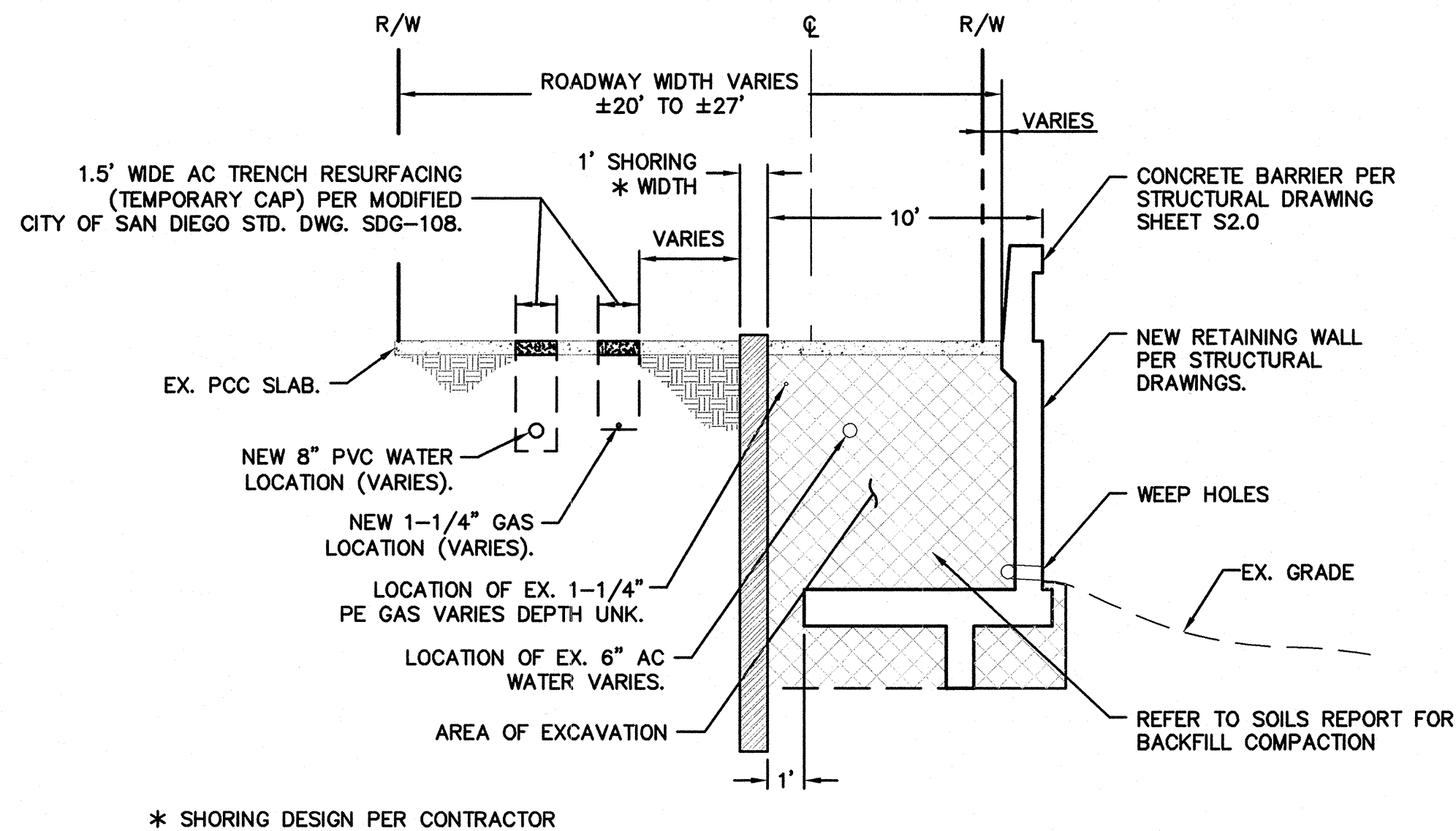
Table with columns: APPROVED, FOR CITY ENGINEER, DATE, SUBMITTED BY, ASSOCIATE, DESCRIPTION, BY, APPROVED, DATE, FILMED, PROJECT ENGINEER, etc.

H:\SAN DIEGO\AS NEEDED CIVIL 2011\TASK 23 - BEAR DRIVE-SD-BEAR DR - SH1 - 01_TITLE.DWG (03-08-13 10:59:26AM)

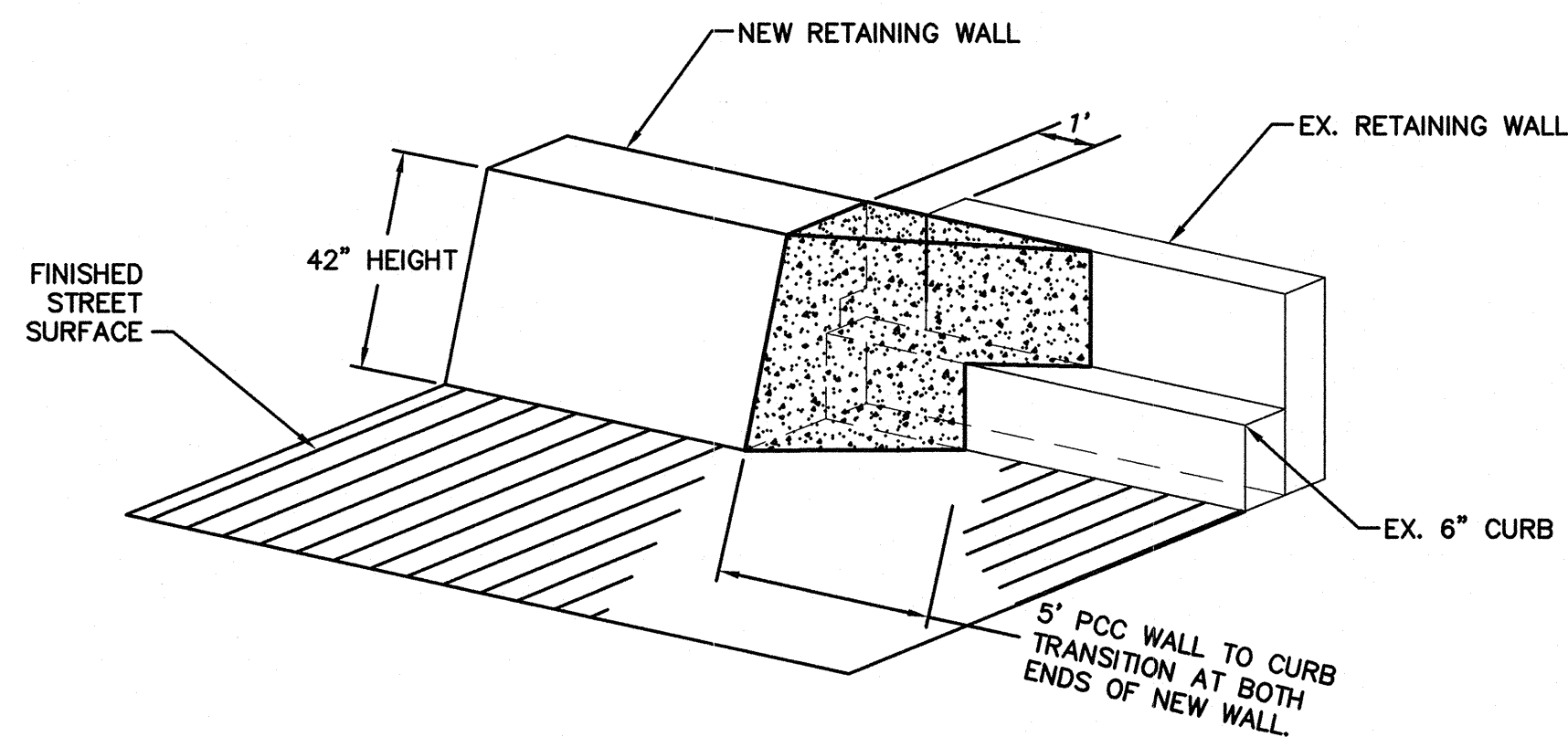
100% SUBMITTAL BEAR DRIVE DRAIN IMPROVEMENTS

GENERAL NOTES

- APPROVAL OF THESE PLANS BY THE CITY ENGINEER DOES NOT AUTHORIZE ANY WORK TO BE PERFORMED UNTIL A NOTICE TO PROCEED HAS BEEN ISSUED.
- THE APPROVAL OF THIS PLAN OR ISSUANCE OF A PERMIT BY THE CITY OF SAN DIEGO DOES NOT AUTHORIZE THE SUBDIVIDER AND OWNER TO VIOLATE ANY FEDERAL, STATE OR CITY LAWS, ORDINANCES, REGULATIONS, OR POLICIES, INCLUDING, BUT NOT LIMITED TO, THE FEDERAL ENDANGERED SPECIES ACT OF 1973 AND AMENDMENTS THERETO (16 USC SECTION 1531 ET.SEQ.).
- IMPORTANT NOTICE: SECTION 4216 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE 1-800-422-4133, THREE DAYS BEFORE YOU DIG.
- CONTRACTOR SHALL IMPLEMENT AN EROSION AND SEDIMENT CONTROL PROGRAM DURING THE PROJECT GRADING AND/OR CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET ALL APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD AND THE CITY OF SAN DIEGO MUNICIPAL CODE AND STORM WATER STANDARDS MANUAL.
- "PUBLIC IMPROVEMENT SUBJECT TO DESUETUDE OR DAMAGE." IF REPAIR OR REPLACEMENT OF SUCH PUBLIC IMPROVEMENTS IS REQUIRED, THE OWNER SHALL OBTAIN THE REQUIRED PERMITS FOR WORK IN THE PUBLIC RIGHT-OF-WAY, SATISFACTORY TO THE PERMIT- ISSUING AUTHORITY.
- ALL EXISTING AND/OR PROPOSED PUBLIC UTILITY SYSTEM AND SERVICE FACILITIES SHALL BE INSTALLED UNDERGROUND IN ACCORDANCE WITH SECTION 144.0240 OF THE MUNICIPAL CODE.
- PRIOR TO ANY DISTURBANCE TO THE SITE, EXCLUDING UTILITY MARK-OUTS AND SURVEYING, THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR A PRE-CONSTRUCTION MEETING WITH THE CITY OF SAN DIEGO FIELD ENGINEERING DIVISION (858) 627-3200.
- DEVIATIONS FROM THESE SIGNED PLANS WILL NOT BE ALLOWED UNLESS A CONSTRUCTION CHANGE IS APPROVED BY THE CITY ENGINEER OR THE CHANGE IS REQUIRED BY THE CITY INSPECTOR.
- AS-BUILT DRAWINGS MUST BE SUBMITTED TO THE RESIDENT ENGINEER PRIOR TO ACCEPTANCE OF THIS PROJECT BY THE CITY OF SAN DIEGO.
- FOR WATER MAIN SHUTDOWN AND HIGH-LINING, CONTRACTOR TO COORDINATE WITH THE CITY WATER OPERATIONS VIA RESIDENT ENGINEER, PHONE NUMBER 619-527-3945.
- CONTRACTOR SHALL REMOVE AND REPLACE ALL UTILITY BOXES SERVING AS HANDHOLES THAT ARE NOT IN "AS-NEW" CONDITION IN PROPOSED ROADWAY. DAMAGED BOXES, OR THOSE THAT ARE NOT IN COMPLIANCE WITH CURRENT CODE SHALL BE REMOVED AND REPLACED WITH NEW BOXES, INCLUDING WATER, SEWER, TRAFFIC SIGNALS, STREET LIGHTS, DRY UTILITIES-SDG&E, COX, ETC. ALL NEW METAL LIDS SHALL BE SLIP RESISTANT (FRICTION FACTOR \geq 0.50) AND INSTALLED FLUSH WITH PROPOSED SIDEWALK GRADE. IF A SLIP RESISTANT METAL LID IS NOT COMMERCIALY AVAILABLE FOR THAT USE, NEW BOXES AND LIDS SHALL BE INSTALLED.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND RECONNECT ALL WATER LATERALS. LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. LATERAL RECORDS ARE AVAILABLE TO THE CONTRACTOR AT THE PUBLIC UTILITIES DEPARTMENT, 2797 CAMINITO CHOLLAS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE THE IMPROVEMENTS THAT WILL BE AFFECTED BY LATERAL REPLACEMENTS. ALL IMPROVEMENTS DISTURBED BY CONTRACTOR SHALL BE REPLACED IN KIND TO ORIGINAL CONDITION OR BETTER.
- CONTRACTOR TO EXCAVATE AROUND WATER METER BOX (CITY PROPERTY SIDE) TO DETERMINE IN ADVANCE, THE EXACT SIZE OF EACH SERVICE BEFORE TAPPING MAIN.
- WATER OPERATIONS, WHERE CALLED OUT, SHALL PERFORM SHUTDOWN OF THE EXISTING 6" WATER MAIN. CONTRACTOR WHERE CALLED OUT, SHALL MAKE CUTS & PLUGS, CONNECTIONS, HIGH-LINING, ETC. CITY AND CONTRACTOR TO COORDINATE AS INDICATED.
- EXISTING MAINS SHALL BE KEPT IN SERVICE IN LIEU OF HIGH-LINING, UNLESS OTHERWISE SHOWN ON PLANS.
- THE LOCATION OF EXISTING BUILDINGS AS SHOWN ON THE PLAN ARE APPROXIMATE.
- STORM DRAIN INLETS ARE TO REMAIN FUNCTIONAL/OPERATIONAL AT ALL TIMES DURING CONSTRUCTION.
- UNLESS OTHERWISE NOTED AS PREVIOUSLY POTHOLED (PH), ALL ELEVATIONS SHOWN ON THE PROFILE FOR EXISTING UTILITIES ARE BASED ON A SEARCH OF THE AVAILABLE RECORD INFORMATION ONLY AND ARE SOLELY FOR THE CONTRACTOR'S CONVENIENCE. THE CITY IN NO WAY GUARANTEES OR WARRANTS THAT IT HAS REVIEWED ALL AVAILABLE DATA. IT IS THE CONTRACTOR'S RESPONSIBILITY TO POTHOLE ALL EXISTING UTILITIES (EITHER SHOWN ON THE PLANS OR MARKED IN THE FIELD) IN ACCORDANCE WITH THE SPECIFICATIONS TO DETERMINE EXISTING DEPTHS.
- EXISTING UTILITY CROSSING AS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT BE REPRESENTATIVE OF ACTUAL LENGTH AND LOCATION OF CONFLICT AREAS. (SEE PLAN VIEW).
- CONTRACTOR TO NOTIFY ENGINEER AND INSPECTOR IF DEPTH OF COVER IS LESS THAN 3' DEEP, OR LATERAL CONNECTIONS LESS THAN 30" APART OR IF UTILITY SEPARATIONS ARE LESS THAN SHOWN ON PLAN OR 10", WHICHEVER IS LESS.
- ANY CORNER MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE RESTORED/REPLACED.
- THE CITY IS TO TAKE OWNERSHIP AND MAINTENANCE RESPONSIBILITY FOR THE PERMANENT IMPROVEMENTS INSTALLED PER THESE PLANS.



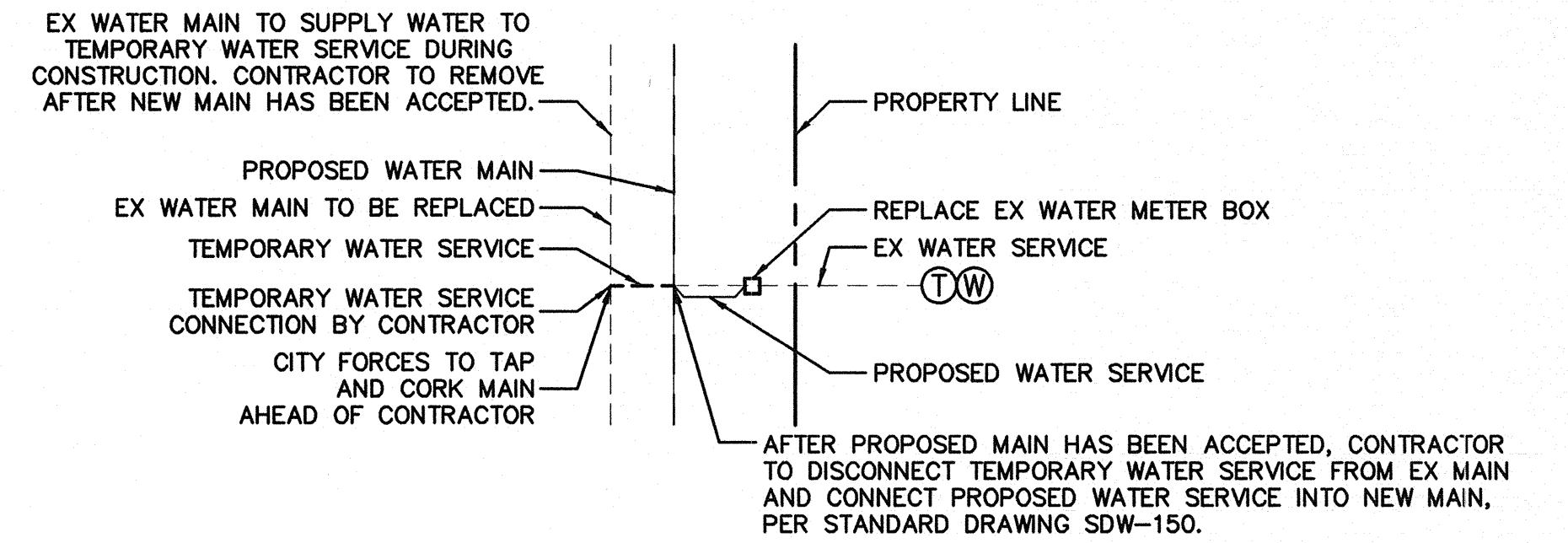
BEAR DRIVE TYPICAL EXCAVATION SECTION
NTS



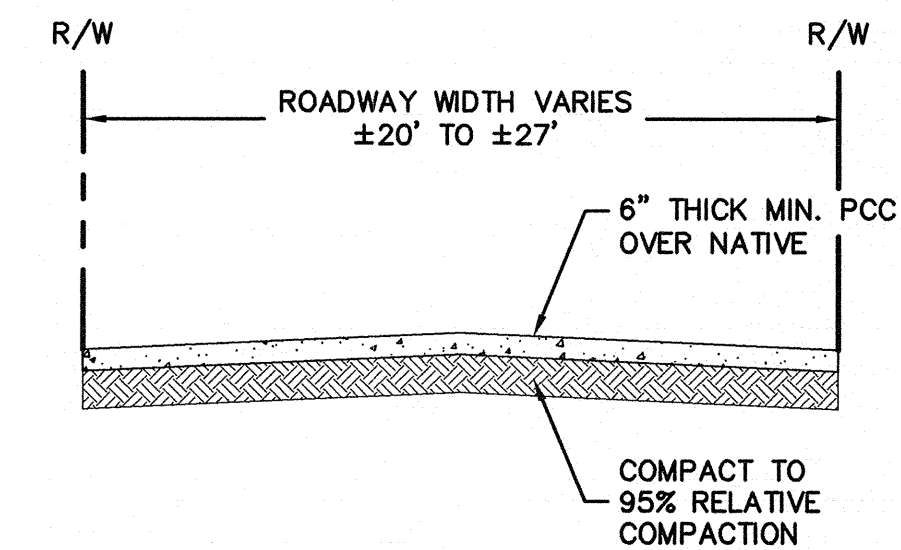
RETAINING WALL TO 6' CURB TRANSITION DETAIL 'B'
NTS

THRUST BLOCK TABLE				
PIPE DIAMETER	FITTING TYPE	FITTING SIZE	AREA (T/P) ft ²	VOLUME yd ³
8"	45° BEND	8"x8"	9.0	1.0
8"	22.5° BEND	8"x8"	4.5	1.0

CONCRETE THRUST BLOCK INSTALLATION PER SDW-151. DESIGN BASED ON SOIL BEARING PRESSURE OF 1,500 PSF AND PRESSURE OF 225 PSI.



DETAIL A TEMPORARY WATER CONNECTION
NTS



PCC REPLACEMENT TYPICAL STREET SECTION
NTS

C-1

BEAR DRIVE RETAINING WALL AND STREET IMPROVEMENTS
DETAILS

CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 2 OF 8 SHEETS		WBS S-10093
APPROVED BY: <i>Jason Guise</i> FOR CITY ENGINEER	DATE: 3-11-2013	SUBMITTED BY: JASON GUISE ASSOCIATE
DESCRIPTION: ORIGINAL	BY: H&A	APPROVED: DATE: FILMED: CASEY CROWN PROJECT ENGINEER
		211-1718 CCS27 COORDINATE
		1851340-6279270 CCS83 COORDINATE
CONTRACTOR	DATE STARTED	37045-2-D
INSPECTOR	DATE COMPLETED	

PREPARED BY:
HARRIS & ASSOCIATES
750 B Street, Suite 1800
San Diego, CA 92101
(619) 236-1778 • (619) 236-1179

Robert C. Sutherland Jr. 3-11-13
ROBERT C. SUTHERLIN JR. R.C.E. C38819 DATE

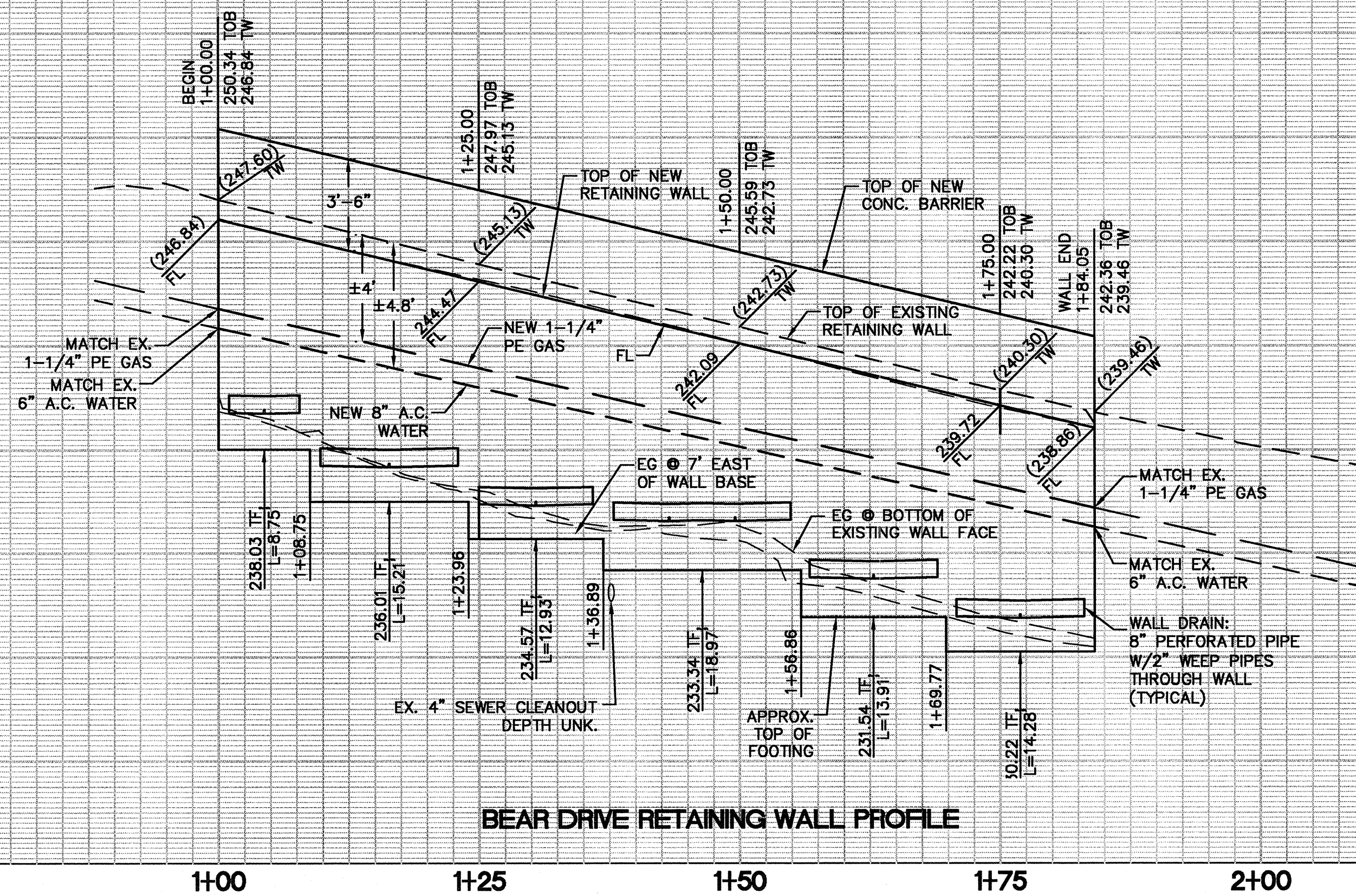


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100% SUBMITTAL BEAR DRIVE DRAIN IMPROVEMENTS

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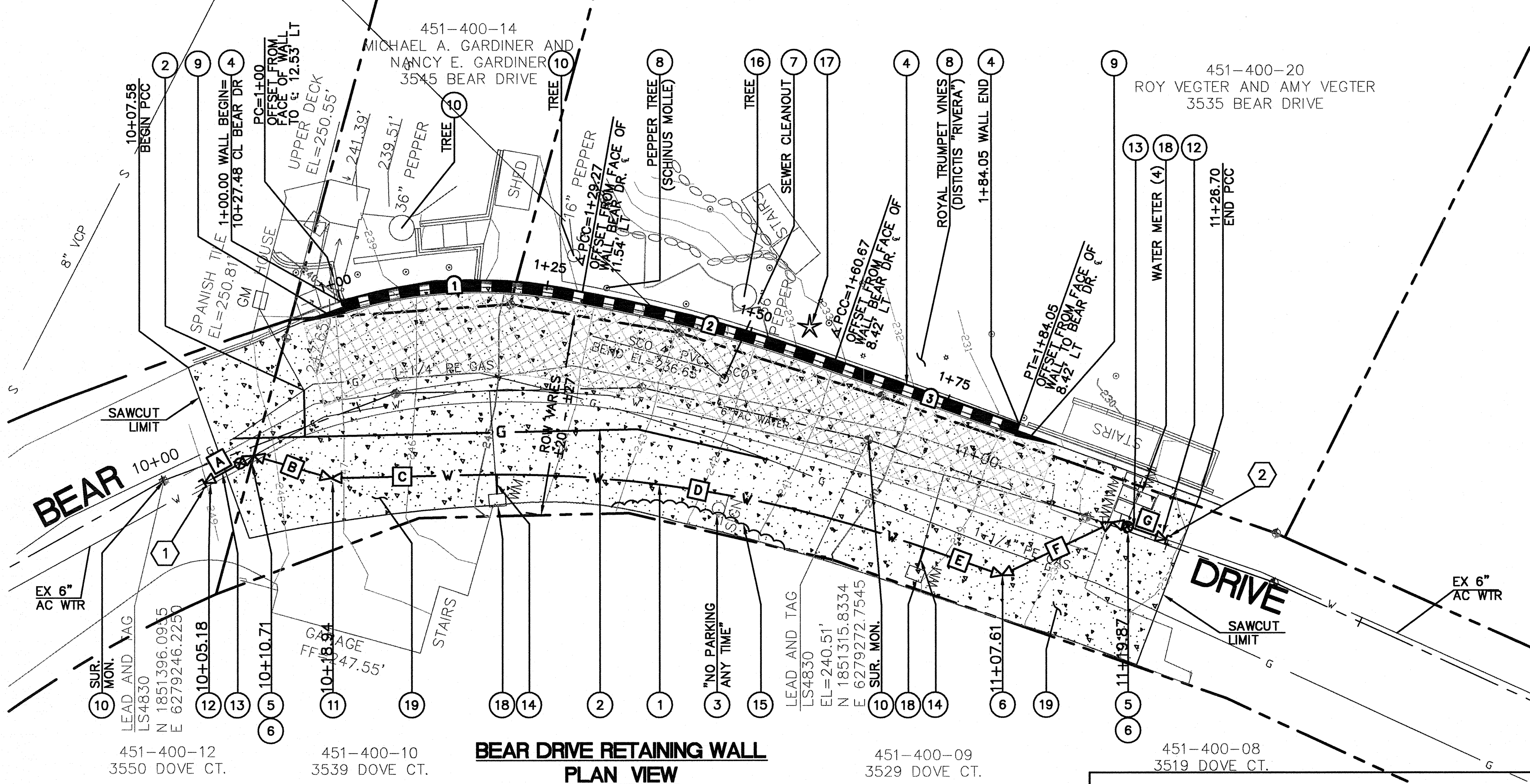
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SCALE
1"=10' HORIZ.
1"= 4' VERT.

RETAINING WALL DATA TABLE				
NO	DELTA/BEARING	RADIUS	LENGTH	REMARKS
1	30°29'41"	55.00'	29.27'	RETAINING WALL
2	9°40'22"	186.00'	31.40'	RETAINING WALL
3	0°48'09"	1,669.00'	23.37'	RETAINING WALL

8" PVC WATER DATA TABLE				
NO	DELTA/BEARING	RADIUS	LENGTH	REMARKS
A	S43°51'45"E	-	3.00'	8" PVC WATER
B	S01°08'17"W	-	9.66'	8" PVC WATER
C	S10°16'34"E	-	17.00'	8" PVC WATER
D	20°41'28"	150.00'	54.17'	8" PVC WATER
E	S04°24'54"W	-	10.79'	8" PVC WATER
F	S40°35'06"E	-	14.69'	8" PVC WATER
G	S86°07'48"E	-	3.00'	8" PVC WATER



- CONSTRUCTION NOTES:**
- INSTALL NEW 8" PVC WATER.
 - REMOVAL & RELOCATION OF 1-1/4" GAS LINE & SERVICE CONNECTION WILL BE DONE BY SDG&E.
 - REMOVE AND REPLACE EX. SIGN.
 - REMOVE EX. RETAINING WALL AND CONSTRUCT NEW WALL PER STRUCTURAL PLANS.
 - INSTALL 8" GATE VALVE.
 - INSTALL 45" - 8" PVC BEND.
 - REMOVE CONFLICTING SEWER CLEANOUT & RECONSTRUCT PER CITY OF SAN DIEGO STD. DWG. SDS-102.
 - REMOVE CONFLICTING LANDSCAPING & REINSTALL/REPLACE AS PER SPECIFICATIONS OR AS DIRECTED BY CITY ENGINEER.
 - CONSTRUCT CURB TRANSITION PER DETAIL "B" ON SHEET C-1.
 - PROTECT IN PLACE.
 - INSTALL 22 1/2" - 8" PVC BEND.
 - INSTALL 8"x6" REDUCER.
 - INSTALL 3' - 8" PVC PIPE.
 - RECONNECT WATER SERVICE PER DETAIL 'A' ON SHEET 2.
 - TRIM TREES TO RIGHT-OF-WAY.
 - REMOVE TREE AND REPLACE WITH "CALIFORNIA PEPPER" TREE PER SPECIFICATIONS.
 - REMOVE AND RELOCATE ART SCULPTURE.
 - INSTALL NEW METER BOX TO GRADE.
 - REMOVE AND REPLACE EXISTING PAVEMENT WITH 6" PCC OVER COMPACTED SUBGRADE PER DETAIL SHT. C-1.

LEGEND

	LIMITS OF EXCAVATION
	NEW PCC (SEE CONSTRUCTION NOTE 19)

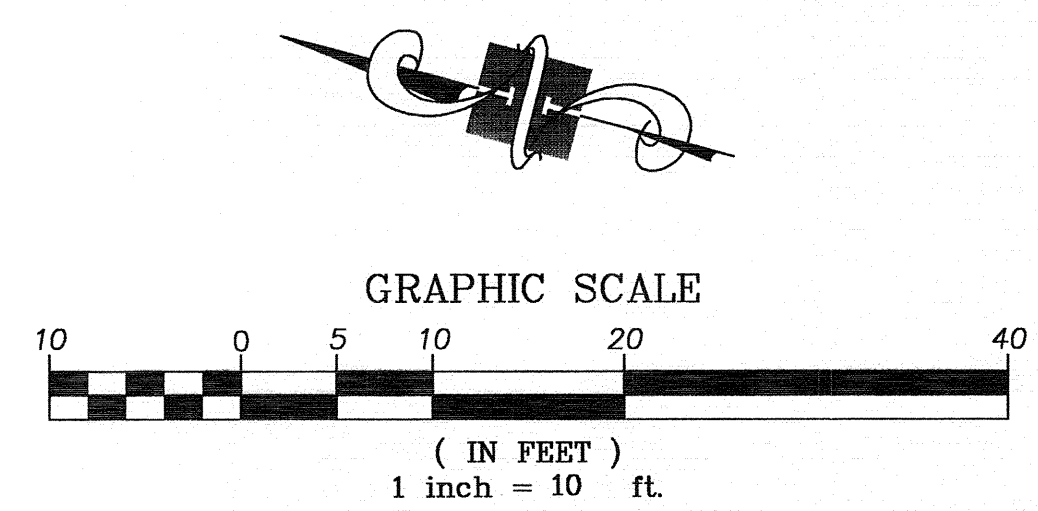
BEAR DRIVE RETAINING WALL AND STREET IMPROVEMENT PLAN

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING AND CAPITAL PROJECTS DEPARTMENT
SHEET 3 OF 8 SHEETS

APPROVED BY: <i>Robert C. Sutherlin Jr.</i> FOR CITY ENGINEER	DATE: 3-11-2013	SUBMITTED BY: JASON GUISE ASSOCIATE
DESCRIPTION: ORIGINAL	BY: H&A	APPROVED DATE: DATE
		FILMED: DATE
		PROJECT ENGINEER: CASEY CROWN
		211-1718
		CC327 COORDINATE:
		1851340-6279270
		CC383 COORDINATE:
CONTRACTOR:	DATE STARTED:	37045-3-D
INSPECTOR:	DATE COMPLETED:	

PREPARED BY:
HARRIS & ASSOCIATES
750 B Street, Suite 1800
San Diego, CA 92101
(619) 236-1778 • (619) 236-1179

Robert C. Sutherlin Jr. 3-11-13
ROBERT C. SUTHERLIN JR. R.C.E. 038819 DATE



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100% SUBMITTAL BEAR DRIVE DRAIN IMPROVEMENTS

C-2

REINFORCING STEEL:

- ALL REINFORCING STEEL SHALL BE PLACED IN CONFORMANCE WITH THE CBC, AND THE "MANUAL OF STANDARD PRACTICE" BY THE CRSI OR AS MODIFIED BY THE CONSTRUCTION DOCUMENTS.
- SPECIAL INSPECTION AND TESTING IS REQUIRED IN ACCORDANCE WITH SECTIONS 1704 AND 1708 OF THE CALIFORNIA BUILDING CODE AND THE "STATEMENT OF SPECIAL INSPECTIONS" ON THESE CONSTRUCTION DOCUMENTS.
- REINFORCING BARS SHALL CONFORM TO ASTM A615, DEFORMED GRADE 60, REINFORCING BARS THAT ARE TO BE WELDED SHALL CONFORM TO ASTM A706, DEFORMED GRADE 60.
- DETAILS OF REINFORCEMENT SHALL COMPLY WITH ACI 318, CHAPTER 7 (LATEST EDITION).
- WELDING OF REINFORCEMENT SHALL BE IN ACCORDANCE WITH ASTM A706 WITH LOW HYDROGEN ELECTRODES AND STRUCTURAL WELDING CODE REINFORCING STEEL SHALL CONFORM TO ANSI / AWS D1.4. MINIMUM TENSILE STRENGTH OF WELD METAL SHALL BE 90 KSI ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS.
- REINFORCING BARS FOR COLUMNS AND REINFORCING IN SEISMIC ELEMENTS INCLUDING MOMENT FRAME BEAMS AND COLUMNS, SHEAR WALL BOUNDARY ZONES AND DIAPHRAGM CHORD BARS SHALL CONFORM TO ASTM A706, GRADE 60, U.O.N.
- ALL REINFORCING BAR BENDS SHALL BE MADE COLD, UNLESS OTHERWISE PERMITTED BY THE BUILDING OFFICIAL.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185, AND SHALL BE LAPPED 1 SPACE AND 12" MINIMUM.
- DOWELS BETWEEN FOOTINGS AND WALLS OR COLUMNS SHALL BE LAPPED WITH THE SAME GRADE, SIZE, SPACING AND NUMBER AS THE VERTICAL REINFORCEMENT.
- REINFORCING SPLICES SHALL BE MADE AS INDICATED ON THE DRAWINGS.
- ALL VERTICAL REINFORCING SHALL BE CONTINUOUS BETWEEN TWO LEVELS, UNLESS OTHERWISE NOTED.
- SLAB ON GRADE REINFORCING SHALL BE POSITIONED AT MID-DEPTH, UNLESS OTHERWISE NOTED.
- PROVIDE #3 SPACER TIES AT 2'-6" ON CENTER IN ALL BEAMS AND FOOTINGS TO SECURE REINFORCING BARS IN PLACE, UNLESS OTHERWISE NOTED.
- PIPING AND CONDUIT SHALL BE SO FABRICATED AND INSTALLED THAT CUTTING, BENDING, OR DISPLACEMENT OF REINFORCEMENT FROM ITS PROPER LOCATION WILL NOT BE REQUIRED. ACI 318 SECTION 6.3.12.
- REINFORCING BAR LAP SPLICES SHALL NOT BE PERMITTED IN MOMENT FRAMES OR SHEAR WALLS UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS OR APPROVED BY THE ENGINEER IN WRITING.
- MINIMUM CLEAR DISTANCES BETWEEN REINFORCING STEEL, INCLUDING SPLICED REINFORCEMENT, SHALL BE 1" OR 1 BAR DIAMETER, WHICHEVER IS GREATER. MINIMUM CLEAR DISTANCE AT COLUMNS SHALL BE 1 1/2" OR 1 1/2 BAR DIAMETERS, WHICHEVER IS GREATER.

DESIGN BASIS:

CODE: 2010 CBC (CALIFORNIA BUILDING CODE) CCR, TITLE 24, PART 2.

SPECIAL LOADS:

- SOIL LATERAL LOADS:
BRACED RETAINING/FOUNDATION WALLS:
CANTILEVER RETAINING WALLS:
ACTIVE PRESSURE = 40H PSF/FT
SOIL SEISMIC (ULTIMATE) = 21H PSF/FT (APPLIED AS AN INVERTED TRIANGLE)
SURCHARGE = 2 FT EQUIVALENT SOIL LOAD

CONCRETE:

- CONCRETE CONSTRUCTION SHALL CONFORM TO CHAPTER 19 OF THE CALIFORNIA BUILDING CODE, AND ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (LATEST EDITIONS), EXCEPT AS MODIFIED BY THE SUPPLEMENTAL REQUIREMENTS CONTAINED HEREIN OR SHOWN ON THE DRAWINGS.
- SPECIAL INSPECTION AND TESTING IS REQUIRED IN ACCORDANCE WITH SECTIONS 1704 AND 1708 OF THE CALIFORNIA BUILDING CODE AND THE "STATEMENT OF SPECIAL INSPECTIONS" ON THESE CONSTRUCTION DOCUMENTS.
- ALL CONCRETE SHALL BE 150 PCF HARDROCK, AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS.
- THE MAXIMUM SIZE AGGREGATE IN FOUNDATION AND MASS CONCRETE WORK SHALL BE 1 INCH. THE MAXIMUM SIZE AGGREGATE IN SLABS ON GRADE, WALLS, AND ALL OTHER CONCRETE SHALL BE 3/4 INCH. PEA GRAVEL SHALL NOT BE USED FOR STRUCTURAL CONCRETE, UON.
- CEMENT SHALL CONFORM TO ASTM C150, TYPE II/V, LOW ALKALI. AGGREGATES FOR NORMAL WEIGHT SHALL CONFORM TO ASTM C33.
- ADMIXTURES AND COLORS (EXCEPT AS NOTED HEREIN) SHALL NOT BE USED UNLESS SUBSTANTIATING DATA IS SUBMITTED TO AND REVIEWED BY THE ENGINEER AND ARCHITECT OF RECORD.
- CONCRETE MIXES SHALL BE DESIGNED BY A QUALIFIED TESTING LABORATORY. THE MIX DESIGNS SHALL CONFORM TO CBC SEC. 1905 UNLESS OTHERWISE NOTED.
- NON-STRUCTURAL STEEL EMBEDDED IN CONCRETE SHALL BE GALVANIZED OR PAINTED. ALL DAMAGED GALVANIZED AREAS SHALL BE REPAIRED PRIOR TO EMBEDMENT.
- PROVIDE 2-#5 DIAGONAL BARS AT CORNERS OF WALL, FLOOR, AND ROOF OPENINGS AND INSIDE CORNERS OF FLOORS.
- PROVIDE WATERSTOPS IN ALL BELOW GRADE FOUNDATION WALL CONSTRUCTION JOINTS.
- READY MIXED CONCRETE SHALL CONFORM TO (ASTM C94).
- PLACEMENT OF CONCRETE SHALL CONFORM TO ACI 304. CLEAN AND ROUGHEN TO 1/4" AMPLITUDE FOR ALL CONCRETE SURFACES AGAINST WHICH CONCRETE IS TO BE PLACED.
- ALL EXPOSED CONCRETE SHALL HAVE A SMOOTH FORM FINISH USING B-B PLYFORM, CLASS I, EXT-APA PLYWOOD.
- ALL SLABS SHALL HAVE A TROWEL FINISH EXCEPT AS NOTED ON THE DRAWINGS.
- ALL REINFORCING STEEL, ANCHOR BOLTS, DOWELS AND INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE.
- IF THE CONTRACTOR REQUESTS TO MAKE ANY CONSTRUCTION JOINTS OTHER THAN THOSE SHOWN ON THESE DRAWINGS, THEY SHALL SUBMIT DETAILS OF CHANGES TO THE ENGINEER OF RECORD FOR REVIEW BEFORE STARTING WORK.
- NO BRICK OR POROUS MATERIAL SHALL BE USED TO SUPPORT FOUNDATION STEEL OFF THE GROUND.
- PROVIDE 3/4 INCH CHAMFER ON ALL EXPOSED CONCRETE CORNERS, UON.
- SLEEVE PLUMBING OPENINGS IN SLABS WITH NON-CORROSIVE SLEEVE BEFORE PLACING CONCRETE AND BEND REINFORCING AROUND SLEEVES.
- ALL REINFORCING BARS SHALL BE PROVIDED WITH THE FOLLOWING CONCRETE MINIMUM COVER:
FOOTINGS CAST AGAINST EARTH 3"
FORMED CONCRETE EXPOSED TO EARTH, WEATHER OR LIQUID 2"
BEAMS AND GIRDERS 1 1/2"
WALLS 1 1/2"
COLUMN TIES 1 1/2"
SLABS (#11 AND SMALLER) 3/4"
- CONCRETE CURING: TYPICALLY REQUIRED A MINIMUM OF 10 DAYS.

STRUCTURAL OBSERVATION:

- PER CBC CHAPTER 17 SECTION 1710, THE OWNER SHALL EMPLOY A LICENSED ENGINEER OR ARCHITECT RESPONSIBLE FOR THE STRUCTURAL DESIGN, OR HIS DESIGNATED ENGINEER OR ARCHITECT TO MAKE SITE VISITS TO OBSERVE GENERAL COMPLIANCE WITH THE APPROVED STRUCTURAL PLANS, SPECIFICATIONS AND CHANGE ORDERS. THE ENGINEER OR ARCHITECT SHALL SUBMIT A STATEMENT IN WRITING TO THE BUILDING OFFICIAL STATING THAT THE SITE VISIT HAS BEEN MADE AND THAT ANY DEFICIENCIES NOTED HAVE BEEN CORRECTED. STRUCTURAL OBSERVATION DOES NOT INCLUDE OR WAIVE THE INSPECTIONS REQUIRED BY SECTIONS 110, 1704 OR OTHER SECTIONS OF THE CODE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 72 HOURS PRIOR TO THE COMPLETION OF ANY WORK THAT REQUIRES OBSERVATIONS. STRUCTURAL OBSERVATIONS ARE REQUIRED FOR THE FOLLOWING WORK PERFORMED BY THE CONTRACTOR:
a. 50% OF THE FOUNDATION REINFORCEMENT.
b. 50% OF WALL REINFORCEMENT.

FOUNDATION:

- ATTACH ONE COPY OF SOILS REPORT TO THE APPROVED SET OF CONSTRUCTION DOCUMENTS. SOILS REPORT SHALL BE PART OF THESE NOTES. PRIOR TO THE POURING OF CONCRETE AND PRIOR TO THE CONTRACTOR REQUESTING A BUILDING DEPARTMENT FOUNDATION INSPECTION, THE GEOTECHNICAL ENGINEER SHALL INSPECT AND APPROVE THE FOOTING EXCAVATIONS. HE SHALL POST NOTICE ON THE JOB SITE AND ADVISE THE BUILDING INSPECTOR IN WRITING THAT THE WORK SO INSPECTED MEETS THE CONDITIONS OF THE REPORT. A WRITTEN CERTIFICATION TO VERIFY THAT:
A. THE BUILDING PAD WAS PREPARED IN ACCORDANCE WITH THE SOILS REPORT.
B. THE UTILITY TRENCHES HAVE BEEN PROPERLY BACKFILLED AND COMPACTED.
C. THE FOUNDATION EXCAVATIONS COMPLY WITH THE INTENT OF THE SOILS REPORT.
- SOILS REPORT PREPARED BY: SOUTHERN CALIFORNIA SOIL & TESTING, INC. GEOTECHNICAL INVESTIGATION BEAR DRIVE RETAINING WALL SAN DIEGO, CA. PROJECT NO. 1211035. DATED MARCH 1, 2012.
- SOIL REMOVAL, BACKFILLING, AND RECOMPACTION SHALL BE DONE PER SOILS REPORT RECOMMENDATIONS UNDER GEOTECHNICAL ENGINEER'S SUPERVISION AND INSPECTION.
- SPECIAL INSPECTION AND TESTING IS REQUIRED IN ACCORDANCE WITH SECTION 1704 OF THE CALIFORNIA BUILDING CODE AND THE "STATEMENT OF SPECIAL INSPECTIONS" ON THESE CONSTRUCTION DOCUMENTS.
- TYPE OF FOOTING:
A. SHALLOW FOOTING SYSTEM-MINIMUM EMBEDMENT 18" BELOW LOWEST ADJACENT GRADE.
DESIGN SOIL PRESSURE:
FOOTING TYPE STATIC BEARING PRESSURE
SPREAD FOOTING 7500 PSF
CONTINUOUS FOOTING 7500 PSF
ALLOWABLE BEARING CAPACITIES MAY BE INCREASED BY ONE-THIRD WHEN CONSIDERING LOADS OF SHORT DURATION SUCH AS WIND OR SEISMIC FORCES.
- FOOTING ELEVATIONS SHALL BE LOCATED SUCH THAT THEIR BEARING IS A MINIMUM HORIZONTAL DISTANCE OF 7 FEET FROM THE DAYLIGHT OF AN ADJACENT SLOPE OR AS RECOMMENDED WITHIN THE GEOTECHNICAL REPORT.
- FOUNDATION EXCAVATIONS, FILLING, AND COMPACTION ARE TO BE OBSERVED BY AND DEEMED ACCEPTABLE TO THE GEOTECHNICAL ENGINEER OR THEIR REPRESENTATIVE PRIOR TO PLACEMENT OF REINFORCING STEEL OR CONCRETE.
- A MOISTURE BARRIER MEMBRANE SHALL BE PLACED PER THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.
- ALL EXCAVATIONS SHALL BE PROPERLY BACKFILLED. DO NOT PLACE BACKFILL BEHIND RETAINING WALLS BEFORE WALLS HAVE ATTAINED FULL DESIGN STRENGTH. CONTRACTOR SHALL BRACE OR PROTECT ALL BUILDING AND PIT WALLS BELOW GRADE FROM LATERAL LOADS UNTIL ATTACHING FLOORS ARE COMPLETELY IN PLACE AND HAVE ATTAINED FULL STRENGTH. CONTRACTOR SHALL PROVIDE FOR DESIGN, PERMITS AND INSTALLATION OF SUCH BRACING.
- SLAB BASE AND COMPACTION TO BE IN ACCORDANCE WITH SOILS REPORT.
- NO PIPES OR DUCTS SHALL BE PLACED IN SLABS OR WALLS UNLESS SPECIFICALLY DETAILED OR APPROVED BY THE ENGINEER.
- FOR ALL DIMENSIONS, CURBS, SLAB DEPRESSIONS, STEPS, FLOOR DRAINS, FLOOR SINKS, TRENCHES, UNDER FLOOR DUCTS AND CONDUITS, SEE ARCHITECTURAL, MECHANICAL, REFRIGERATION, AIR CONDITIONING, PLUMBING, ELECTRICAL, AND FOOD SERVICE DRAWINGS, TRENCH BACK FILL AS PER SOILS REPORT REQUIREMENTS.
- ALL WALLS RETAINING EARTH SHALL DRAIN TO DAYLIGHT OR OTHER DRAINAGE.
- ALL ABANDONED FOOTINGS, UTILITIES, ETC., THAT INTERFERE WITH NEW CONSTRUCTION SHALL BE REMOVED.
- THE CONTRACTOR SHALL DETERMINE THE LOCATION OF UTILITY SERVICES IN AREAS TO BE EXCAVATED BEFORE BEGINNING EXCAVATION. EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING. DAMAGE CAUSED AS A RESULT OF FAILING TO EXACTLY LOCATE AND PRESERVE ALL EXISTING UNDERGROUND UTILITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE FOR DESIGN, APPROVALS, PERMITS, INSTALLATION AND MONITORING OF ALL CRIBBING, SHEATHING AND SHORING REQUIRED TO SAFELY RETAIN TEMPORARY EXCAVATIONS.
- ALL PLANTERS IN CLOSE PROXIMITY TO THE STRUCTURE SHALL HAVE ADEQUATE DRAINAGE OF SURFACE WATER TO PREVENT SATURATION OF SOIL UNDER FOUNDATION.

GENERAL NOTES:


- THE PROJECT SPECIFICATIONS SHALL BE PART OF THE CONTRACT DOCUMENTS.
- THE STRUCTURAL DRAWINGS ARE TO BE USED IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS. NO PORTION OF STRUCTURAL RELATED WORK, INCLUDING SHOP DRAWING DEVELOPMENT, SHALL BE PERFORMED WITHOUT CONSIDERING REQUIREMENTS OF CONTRACT DOCUMENTS IN THEIR ENTIRETY.
- DETAILS AND SCHEDULES INDICATED AS "TYPICAL" MAY NOT BE SPECIFICALLY REFERENCED ON DRAWINGS. DETERMINE WHERE EACH TYPICAL DETAIL OR SCHEDULE APPLIES BEFORE PROCEEDING WITH WORK. IF CONDITIONS ARE FOUND WHICH ARE NOT SPECIFICALLY DETAILED AND NO TYPICAL DETAIL OR SCHEDULE APPLIES PROMPTLY NOTIFY THE ARCHITECT (STRUCTURAL ENGINEER).
- OPENINGS, POCKETS, CORE DRILLING, ETC. SHALL NOT BE PLACED IN STRUCTURAL WALLS, SLABS, AND MEMBERS UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS. NOTIFY THE STRUCTURAL ENGINEER OF RECORD WHEN DRAWINGS BY OTHERS INDICATE OPENINGS, POCKETS, CORE DRILLING, ETC., NOT INDICATED ON THE STRUCTURAL DRAWINGS, BUT WHICH ARE LOCATED IN STRUCTURAL MEMBERS.
- THE CONTRACTOR SHALL REVIEW EXISTING CONDITIONS ON THE SITE DURING THE BIDDING. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING WORK. THE ARCHITECT AND ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES PRIOR TO PROCEEDING.
- UNLESS NOTED OR SHOWN OTHERWISE, ALL PHASES OF WORK ARE TO CONFORM TO THE MINIMUM STANDARDS OF THE CALIFORNIA BUILDING CODE (2010 EDITION), AND ANY ASTM SPECIFICATIONS ON WHICH THESE STANDARDS ARE BASED. WHERE CONFLICT BETWEEN BUILDING CODES AND SPECIFICATIONS OCCUR, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.
- ALL ASTM DESIGNATIONS REFERRED TO ON THESE DRAWINGS SHALL BE THE LATEST ADOPTED OR REVISED SPECIFICATION, AS OF THE DATE OF THESE DRAWINGS.
- ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS AND DETAILS. DRAWINGS SHALL NOT BE SCALED FOR CONSTRUCTION PURPOSES.
- NOTES AND DETAILS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
- THE STRUCTURAL DRAWINGS SHOW ONLY THE BASIC STRUCTURAL REQUIREMENTS. REFER TO CIVIL, ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR NON-STRUCTURAL ITEMS, SUCH AS:
A. SIZE AND LOCATION OF ALL OPENINGS.
B. SIZE AND LOCATION OF ALL NON-BEARING WALLS.
C. SIZE AND LOCATION OF ALL CONCRETE CURBS, WALKS, ROOF AND FLOOR DRAINS, SLOPES, DEPRESSED SLAB AREAS, ETC.
D. FLOOR, ROOF AND WALL FINISHES.
E. DIMENSIONS WHICH ARE NOT SHOWN ON STRUCTURAL DRAWINGS.
- THE STRUCTURAL CONTRACT DOCUMENTS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. UNLESS NOTED OTHERWISE, THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION.
- NEITHER THE OWNER NOR THE ARCHITECT/STRUCTURAL ENGINEER WILL ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING AND BRACING AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS. SITE OBSERVATION VISITS BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE SAFETY ITEMS.
- SATISFACTORY EXECUTION OF CONSTRUCTION IS DEPENDENT UPON CONFORMANCE WITH THE INTENT OF THESE DRAWINGS. THE OWNER OR CONTRACTOR SHALL RETAIN A CALIFORNIA LICENSED CIVIL OR STRUCTURAL ENGINEER DURING CONSTRUCTION TO OBSERVE THE CONSTRUCTION AND STATE THAT THE STRUCTURE HAS BEEN BUILT IN GENERAL CONFORMANCE WITH THE INTENT OF THESE DRAWINGS.
- CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED FLOORS OR ROOF. LOAD SHALL NOT EXCEED DESIGN LIVE LOAD FOR EACH PARTICULAR LEVEL. WHEN WEIGHT OF MATERIALS OR EQUIPMENT MAY EXCEED DESIGN LOAD, STRUCTURAL SYSTEMS SHALL BE SHORED.
- WHERE NO CONSTRUCTION DETAILS ARE SHOWN OR NOTED FOR ANY PART OF THE WORK. THE DETAILS SHALL BE THE SAME AS FOR OTHER SIMILAR WORK.
- FOR BELOW GRADE STRUCTURES BACKFILL SHALL NOT BE PLACED UNTIL ALL FLOOR AND ROOF FRAMING IS COMPLETE.

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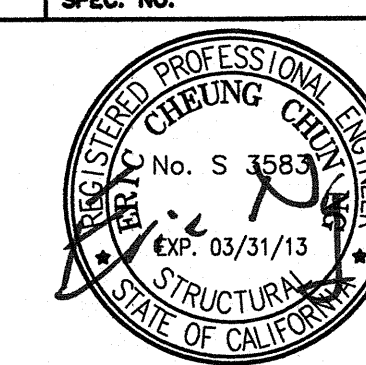
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BEAR DRIVE IMPROVEMENTS	
TYPICAL NOTES	
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 4 OF 8 SHEETS	
WBS S-10093	
APPROVED BY: <i>Jason Guise</i> 3-11-2013 FOR CITY ENGINEER DATE	
DESIGNER: <i>Casey Crown</i>	DATE: 3-11-2013
BY: HMA	APPROVED: [Signature]
DATE: [Blank]	FILED: [Blank]
ORIGINAL	PROJECT ENGINEER
	211-1718
	CCS27 COORDINATE
	1851340-6279270
	CCS83 COORDINATE
CONTRACTOR: [Blank]	DATE STARTED: [Blank]
INSPECTOR: [Blank]	DATE COMPLETED: [Blank]
	37045-4-D

TEMPORARY BMP CONSTRUCTION SITE STORM WATER PRIORITY: HIGH _____ MEDIUM _____ LOW _____ SPEC. NO. _____

 **SIMON WONG ENGINEERING**

9968 Hibert Street, 2/FL San Diego, CA 92131 Tel. (858) 566-3113 Fax. (858) 566-8844



BEAR DRIVE DRAIN IMPROVEMENTS

ADHESIVE ANCHORS AND DOWELS:

1. ADHESIVE ANCHORS AND DOWELS INSTALLED INTO CONCRETE OR MASONRY SHALL BE AS INDICATED BELOW. UON. INSTALLATION SHALL BE IN ACCORDANCE WITH THE ICC REPORT AND MANUFACTURER'S RECOMMENDATIONS.
- A. CONCRETE: HILTI HIT-RE 500-SD (ICC ESR-2322)
 SIMPSON SET-XP (ICC ESR-2508)
 OR APPROVED EQUAL
- B. REINFORCED MASONRY: HILTI HIT HY 150 MAX (ICC ESR-1967)
 SIMPSON SET (ICC ESR-1772)
 OR APPROVED EQUAL
2. ANCHOR ROD SHALL BE ASTM F1554 GRADE 55, UON. NUTS AND WASHERS SHALL COMPLY WITH ASTM A563 AND F436.
3. ANCHORS EXPOSED TO WEATHER SHALL BE GALVANIZED. ANCHORS IN LIQUID CONTAINING STRUCTURES SHALL BE TYPE 316 STAINLESS STEEL CONFORMING TO ASTM A193.
4. DOWELS SHALL BE ASTM A615 GRADE 60 REINFORCING STEEL.
5. SPECIAL INSPECTION IS REQUIRED IN ACCORDANCE WITH SECTION 1704 OF THE CURRENT CALIFORNIA BUILDING CODE, THE "STATEMENT OF SPECIAL INSPECTIONS" ON THESE CONSTRUCTION DOCUMENTS, AND THE ICC REPORTS.
6. THE CONTRACTOR SHALL TEST 10% OF THE INSTALLED ANCHORS WITH A TEST LOAD EQUAL TO 3500 LBS X DIAMETER OF ANCHOR. WHERE THE MINIMUM EDGE DISTANCE IS 6" OR LESS, TEST LOADS SHALL BE DIVIDED BY 2. NOTIFY THE ENGINEER OF RECORD WHEN ANY ANCHOR FAILS TESTING.
7. ANCHOR INSTALLERS SHALL BE TRAINED BY A QUALIFIED REPRESENTATIVE OF THE ADHESIVE MANUFACTURER ON THE PROPER PROCEDURES AND TECHNIQUES FOR INSTALLATION.
8. PROVIDE ANCHORS WITH THE TYPE, DIAMETER, AND MINIMUM EMBEDMENT DEPTH AS NOTED ON THE DRAWINGS. SUBSTITUTIONS ARE NOT ALLOWED WITHOUT APPROVAL FROM THE STRUCTURAL ENGINEER.
9. THE DIAMETER AND DRILLING METHOD OF THE HOLES ARE PER THE MANUFACTURER'S RECOMMENDATIONS. PRIOR TO INSTALLING ANCHORS OR DOWELS, WIRE BRUSH HOLES TO REMOVE RESIDUE, BLOW OUT WITH OIL-FREE COMPRESSED AIR, AND ALLOW HOLE TO DRY.
10. LOCATE REINFORCEMENT AND CONFIRM FINAL ANCHOR LOCATIONS PRIOR TO FABRICATING PLATES, MEMBERS, OR OTHER STEEL ASSEMBLIES ATTACHED WITH ADHESIVE ANCHORS.
11. REMOVE GREASE, OIL, RUST, AND OTHER LAITANCE FROM RODS AND DOWELS PRIOR TO INSTALLATION.
12. WHEN INSTALLING ANCHORS IN EXISTING REINFORCED CONCRETE OR MASONRY, AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS AND PRESTRESSED TENDONS.
13. HOLES DRILLED FOR ANCHORS THAT DO NOT SET PROPERLY OR IF REINFORCEMENT IS ENCOUNTERED DURING DRILLING, ABANDON AND SHIFT THE HOLE LOCATION TO AVOID THE REINFORCEMENT. PROVIDE A MINIMUM OF 2 ANCHOR DIAMETERS OR 1 INCH, WHICHEVER IS LARGER, OR SOUND CONCRETE BETWEEN THE DOWEL AND THE ABANDONED HOLE. FILL THE ABANDONED HOLE WITH NON-SHRINK GROUT. CONTRACTOR TO GET APPROVAL FROM ENGINEER BEFORE RELOCATING ANCHOR.

STATEMENT OF SPECIAL INSPECTIONS

REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION		
VERIFICATION AND INSPECTION	CONTINUOUS INSPECTION	PERIODIC INSPECTION
1. INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT.	-	X
2. INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH TABLE 1704.3 REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION, ITEM 5b.	-	-
3. INSPECTION OF BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED.	X	-
4. INSPECTION OF ANCHORS INSTALLED IN HARDENED CONCRETE.	-	X
5. VERIFYING USE OF REQUIRED DESIGN MIX.	-	X
6. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	-
7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	-
8. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	X
9. INSPECTION OF PRESTRESSED CONCRETE:		
a. APPLICATION OF PRESTRESSING FORCES.	X	-
b. GROUTING OF BONDED PRESTRESSING TENDONS IN THE SEISMIC-FORCE-RESISTING SYSTEM.	X	-
10. ERECTION OF PRECAST CONCRETE MEMBERS.	-	X
11. VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POSTTENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	-	X
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	-	X

REQUIRED VERIFICATION AND INSPECTION OF SOILS		
VERIFICATION AND INSPECTION	CONTINUOUS INSPECTION	PERIODIC INSPECTION
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	-	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	-
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	-	X

SPECIAL INSPECTION PROGRAM – APPLIES TO ALL TABLES

- THE SPECIAL INSPECTIONS LISTED ARE IN ADDITION TO THE CALLED INSPECTIONS REQUIRED BY CBC 2010 CHAPTER 1 SECTION 110. THE SPECIAL INSPECTIONS IDENTIFIED ON PLANS ARE, IN ADDITION TO, AND NOT SUBSTITUTE FOR, THOSE INSPECTIONS REQUIRED TO BE PERFORMED BY THE GOVERNING JURISDICTION'S BUILDING INSPECTOR. THE GOVERNING JURISDICTION IS DEFINED AS THE CITY, COUNTY, OR GOVERNMENTAL UNIT THAT IS RESPONSIBLE FOR THE INSPECTIONS OF CONSTRUCTION OR WORK AS SPECIFIED IN THE CONTRACT DOCUMENTS.
- A. PROVIDE SPECIAL INSPECTION AND TESTING FOR SEISMIC AND WIND RESISTANCE AS REQUIRED BY CBC SECTIONS 1705.3, 1705.4, 1707, AND 1708.
 - B. THE SPECIAL INSPECTORS MUST BE CERTIFIED BY THE GOVERNING JURISDICTION, TO PERFORM THE TYPE OF INSPECTION SPECIFIED.
 - EXCEPTIONS:**
 - SOILS INSPECTIONS BY THE SOILS ENGINEER OF RECORD.
 - SMOKE CONTROL SYSTEM, BY THE MECHANICAL ENGINEER OF RECORD, WHEN WAIVED BY THE BUILDING OFFICIAL.
 - C. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE SPECIAL INSPECTOR OR INSPECTION AGENCY AT LEAST ONE WORKING DAY PRIOR TO PERFORMING ANY WORK THAT REQUIRES SPECIAL INSPECTION.
 - D. SPECIALLY INSPECTED WORK THAT IS INSTALLED OR COVERED WITHOUT THE APPROVAL OF THE INSPECTOR IS SUBJECT TO REMOVAL OR EXPOSURE.
 - E. THE CONSTRUCTION MATERIALS TESTING LABORATORY MUST BE APPROVED BY THE GOVERNING JURISDICTION, FOR TESTING OF MATERIALS, SYSTEMS, COMPONENTS AND EQUIPMENTS.
 - F. A PROPERTY OWNER'S FINAL REPORT OF WORK REQUIRING SPECIAL INSPECTION MUST BE COMPLETED BY THE PROPERTY OWNER, PROPERTY OWNER'S AGENT OF RECORD, ARCHITECT OF RECORD, OR ENGINEER OF RECORD AND SUBMITTED TO THE INSPECTION SERVICES DIVISION.
 - G. AN APPLICATION TO PERFORM OFF-SITE FABRICATION MUST BE SUBMITTED TO THE INSPECTION SERVICES DIVISION FOR APPROVAL PRIOR TO FABRICATION.
 - H. A CERTIFICATE OF COMPLIANCE OF OFF-SITE FABRICATION MUST BE COMPLETED AND SUBMITTED TO THE INSPECTION SERVICES DIVISION PRIOR TO ERECTION OF PREFABRICATED COMPONENTS.
 - I. FABRICATOR MUST BE REGISTERED AND APPROVED BY THE GOVERNING JURISDICTION, FOR THE FABRICATION OF MEMBERS AND ASSEMBLIES ON THE PREMISES OF THE FABRICATOR'S SHOP.
 - J. THE SPECIAL INSPECTOR MUST BE CERTIFIED BY THE GOVERNING JURISDICTION, IN THE CATEGORY OF WORK REQUIRED TO HAVE SPECIAL INSPECTION.
 - K. THE CONSTRUCTION MATERIALS TESTING LABORATORY MUST BE APPROVED BY THE GOVERNING JURISDICTION, FOR TESTING OF MATERIALS, SYSTEMS, COMPONENTS AND, EQUIPMENTS.
 - L. FABRICATION OF MEMBERS AND ASSEMBLIES DONE IN A FABRICATOR'S SHOP APPROVED BY INSPECTION SERVICES NEED NOT HAVE CONTINUOUS OR PERIODIC SPECIAL INSPECTION. AT COMPLETION OF FABRICATION, THE APPROVED FABRICATOR SHALL SUBMIT THE CERTIFICATE OF COMPLIANCE FORM TO INSPECTION SERVICES.
 - M. FABRICATOR SHALL SUBMIT AN 'APPLICATION OF PERFORM OFF-SITE FABRICATION' TO THE INSPECTION SERVICES DIVISION FOR APPROVAL PRIOR TO COMMENCEMENT OF FABRICATION.
 - N. FABRICATOR SHALL SUBMIT A 'CERTIFICATE OF COMPLIANCE FOR OFF-SITE FABRICATION' TO THE INSPECTION SERVICES DIVISION PRIOR TO ERECTION OF FABRICATED ITEMS AND ASSEMBLIES.
 - O. CONTRACTOR RESPONSIBILITY PER SECTION 1709 CBC 2010: EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND- OR SEISMIC-FORCE-RESISTING SYSTEM, DESIGNATED SEISMIC SYSTEM OR A WIND- OR SEISMIC-RESISTING COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTIONS SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN SECTION 1705 CBC 2010, THE STATEMENT OF SPECIAL INSPECTION.

REQUIRED REPORTS:

1. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.
2. SPECIAL INSPECTION REPORTS SHALL INDICATE THAT THE WORK INSPECTED WAS PERFORMED IN CONFORMANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.
3. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION.
4. IF DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO COMPLETION OF THAT PHASE OF WORK.
5. A FINAL REPORT DOCUMENTING THE REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED AT A POINT IN TIME AGREED UPON BY THE PERMIT APPLICANT AND THE BUILDING OFFICIAL PRIOR TO THE START OF WORK.

CONTINUOUS AND PERIODIC INSPECTIONS:

1. WHERE CONTINUOUS SPECIAL INSPECTION IS REQUIRED, THE SPECIAL INSPECTOR SHALL CONTINUOUSLY PROVIDE FULL-TIME VERIFICATION OF THE WORK.
2. WHERE PERIODIC SPECIAL INSPECTION IS REQUIRED, THE SPECIAL INSPECTOR SHALL PROVIDE VERIFICATION THAT THE PERIODIC INSPECTION WAS PERFORMED.

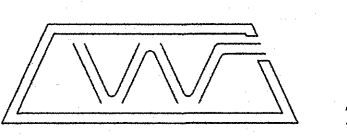
ABBREVIATIONS:

&	AND	KIPS	KILOPOUNDS (1,000 POUNDS)
@	AT	KO	KNOCK OUT
CL	CENTER LINE	LB	POUND
R	PLATE, PROPERTY LINE	LB	LAG BOLT
AB	ANCHOR BOLT	LF	LINEAR FOOT
ADJ	ADJACENT	LG	LONG
AFF	ABOVE FINISH FLOOR	LL	LIVE LOAD
ARCH	ARCHITECTURAL	LLH	LONG LEG HORIZONTAL
BD	BOARD	LLV	LONG LEG VERTICAL
BLDG	BUILDING	LS	LAG SCREW
BLK	BLOCK	LT	LIGHT
BLKG	BLOCKING	MAS	MASONRY
BLW	BELOW	MAT	MATERIAL
BM	BEAM	MAX	MAXIMUM
BN	BOUNDARY NAIL	MB	MACHINE BOLT
(B) OR BOT	BOTTOM	MECH	MECHANICAL
BRG	BEARING	MEZZ	MEZZANINE
BS	BOTH SIDES	MIN	MINIMUM
BTWN	BETWEEN	MH	MANHOLE
CB	CARRIAGE BOLT	MANUF	MANUFACTURER
CF	CUBIC FOOT	MTL	METAL
CHAM	CHAMFER	NEW	NEW
CI	CAST-IRON	NS	NEAR SIDE
CIP	CAST-IN-PLACE	NIC	NOT IN CONTRACT
CJ	CONSTRUCTION JOINT	NOM	NOMINAL
CJP	COMPLETE JOINT PENETRATION	NTS	NOT TO SCALE
CLG	CEILING	OC	ON CENTER
CLK	CAULK	OD	OUTSIDE DIAMETER
CLKG	CAULKING	OH	OPPOSITE HAND
CLR	CLEAR	OPNG	OPENING
CMU	CONCRETE MASONRY UNIT	OPP	OPPOSITE
CNTR	CENTER	OPWJ	OPEN WEB JOIST
COL	COLUMN	PC	PRECAST
CONC	CONCRETE	PERP	PERPENDICULAR
CONN	CONNECTION	PLYWD	PLYWOOD
CONT	CONTINUOUS	PNL	PANEL
CSK	COUNTERSINK	PREFAB	PREFABRICATED
CSK	PENNY	PSF	POUNDS PER SQUARE FOOT
DBL	DOUBLE	PSI	POUNDS PER SQUARE INCHES
DEP	DEPRESSED	PT	POINT
DET	DETAIL	PT	PRESSURE TREATED
DF	DOUGLAS FIR	PVC	POLYVINYL CHLORIDE
DFL	DOUGLAS FIR/LARCH	RAD	RADIUS
DIA	DIAMETER	RD	ROOF DRAIN
DIAG	DIAGONAL	REF	REFERENCE
DIM	DIMENSION	REINF	REINFORCED / REINFORCING
DL	DEAD LOAD	REQD	REQUIRED
DN	DOWN	REV	REVISION
DIV	DIVISION	RF	ROOF
DR	DOOR	RFTR	RAFTER
DWG	DRAWING	RH	ROOF HATCH
DWL	DOWEL	RM	ROOM
(E)	EXISTING	RO	ROUGH OPENING
EA	EACH	RS	ROUGH SAWN
EF	EACH FACE	SCHED	SCHEDULE
EJ	EXPANSION JOINT	SECT	SECTION
ELEV	ELEVATION	SQ	SQUARE FOOT
ELEV	ELEVATOR	SH	SHEET
EMBED	EMBEDMENT	SHTG	SHEATHING
EN	EDGE NAIL	SIM	SIMILAR
EQ	EQUAL	SMS	SHEET METAL SCREW
EQUIP	EQUIPMENT	SOG	SLAB ON GRADE
ES	EACH SIDE	SPEC	SPECIFICATION
EQ	EACH WAY	SQ	SQUARE
EXP	EXPANSION	SS	STAINLESS STEEL
EXT	EXTERIOR	STR	STAGGERED
FD	FLOOR DRAIN	STD	STANDARD
FDN	FOUNDATION	STIFF	STIFFENER
FF	FINISH FLOOR	STL	STEEL
FIN	FINISH	STRUCT	STRUCTURAL
FLR	FLOOR	STS	SELF TAPPING SCREW
FN	FIELD NAIL	SYM	SYMMETRICAL
FO	FACE OF _____	SYS	SYSTEM
FRMG	FRAMING	T&B	TOP AND BOTTOM
FS	FAR SIDE	T&G	TONGUE AND GROOVE
FT	FEET / FOOT	TEMP	TEMPORARY
FTG	FOOTING	THK	THICK
GA	GAUGE	THKND	THICKENED
GALV	GALVANIZED	THRU	THROUGH
GI	GALVANIZED IRON	TL	TOTAL LOAD
GLB	GLU-LAMINATED BEAM	T.O.	TOP
GRD	GRADE	TSC	TAPERED STEEL GIRDER
GYP	GYPSUM	TYP	TYPICAL
HD	HOLDOWN	UON	UNLESS OTHERWISE NOTED
HDR	HEADER	VERT OR (V)	VERTICAL
HGR	HANGER	V.I.F	VERIFY IN FIELD
HORIZ	HORIZONTAL	W/	WITH
HRD	HARD	W/O	WITHOUT
HSB	HIGH STRENGTH BOLT	WCJ	WALL CONTROL JOINT
HT	HEIGHT	WD	WOOD
HVAC	HEATING, VENTILATION, & AIR CONDITIONING	WIN	WINDOW
IN	INCH	WP	WATERPROOF / WORK POINT
INSP	INSPECTION / INSPECTOR	WPJ	WEAKENED PLANE JOINT
INT	INTERIOR	WT	WEIGHT
JST	JOIST	WWF	WELDED WIRE FABRIC
JT	JOINT	WWM	WELDED WIRE MESH

S1.1

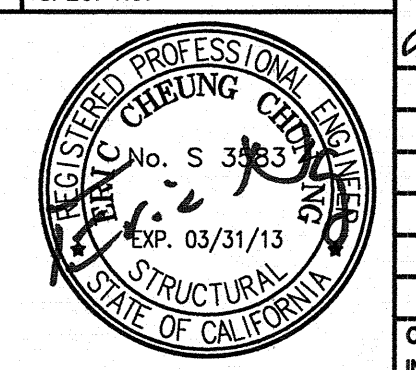
BEAR DRIVE IMPROVEMENTS	
TYPICAL NOTES	
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 5 OF 8 SHEETS	
WBS S:10093	
DATE	3-11-2013
FOR CITY ENGINEER	<i>Jason Guise</i>
DATE	3-11-2013
BY	DATE
DESCRIPTION	FILED
ORIGINAL	H&A
CASEY CROWN	
PROJECT ENGINEER	
211-1718	
CCS27 COORDINATE	
1851340-6279270	
CCS83 COORDINATE	
CONTRACTOR	DATE STARTED
INSPECTOR	DATE COMPLETED
	37045-5-D

TEMPORARY BMP CONSTRUCTION SITE STORM WATER PRIORITY: HIGH ___ MEDIUM ___ LOW ___ SPEC. NO. _____



SIMON WONG ENGINEERING

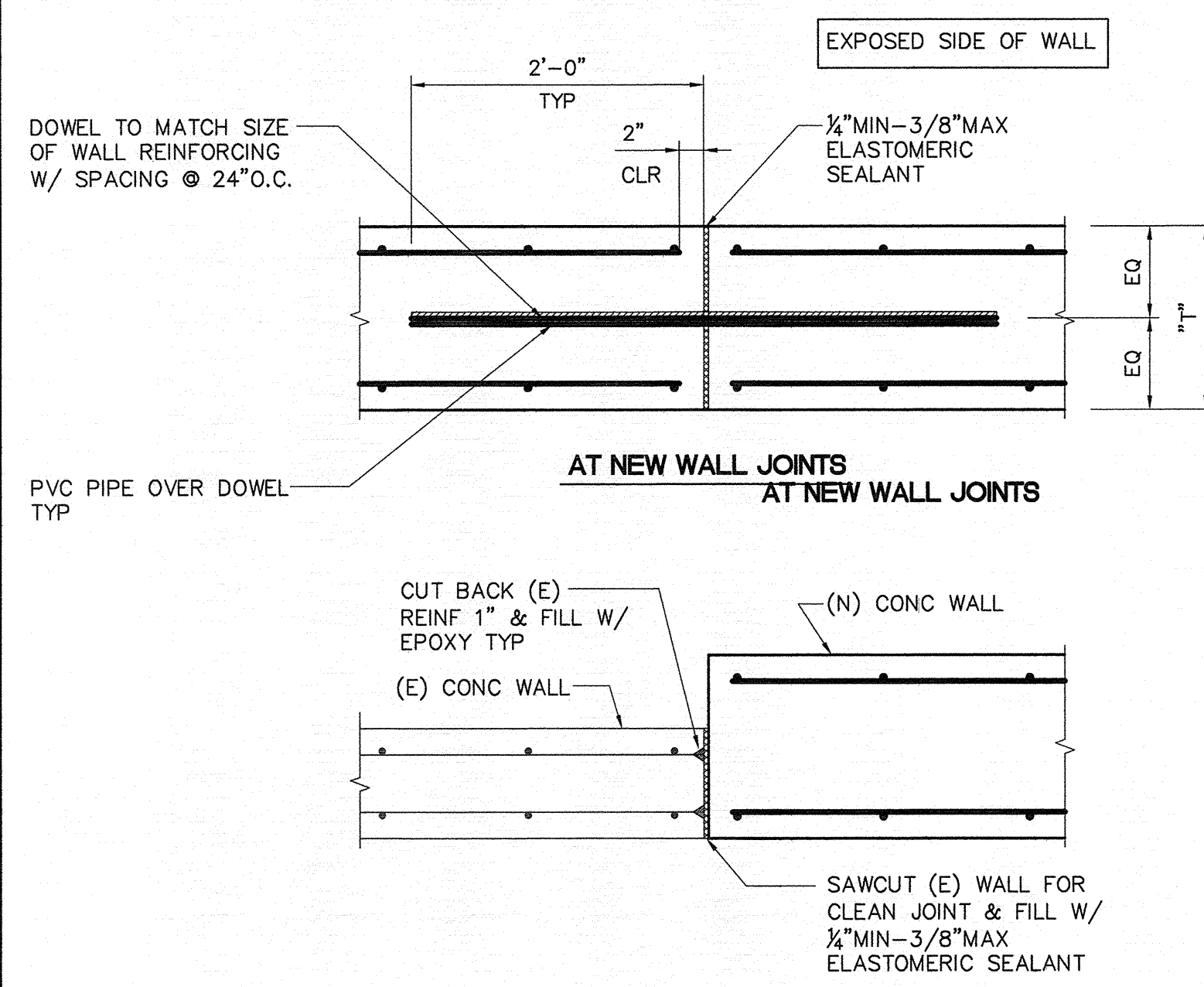
9968 Hibert Street, 2/FL San Diego, CA 92131 Tel. (858) 566-3113 Fax. (858) 566-6844



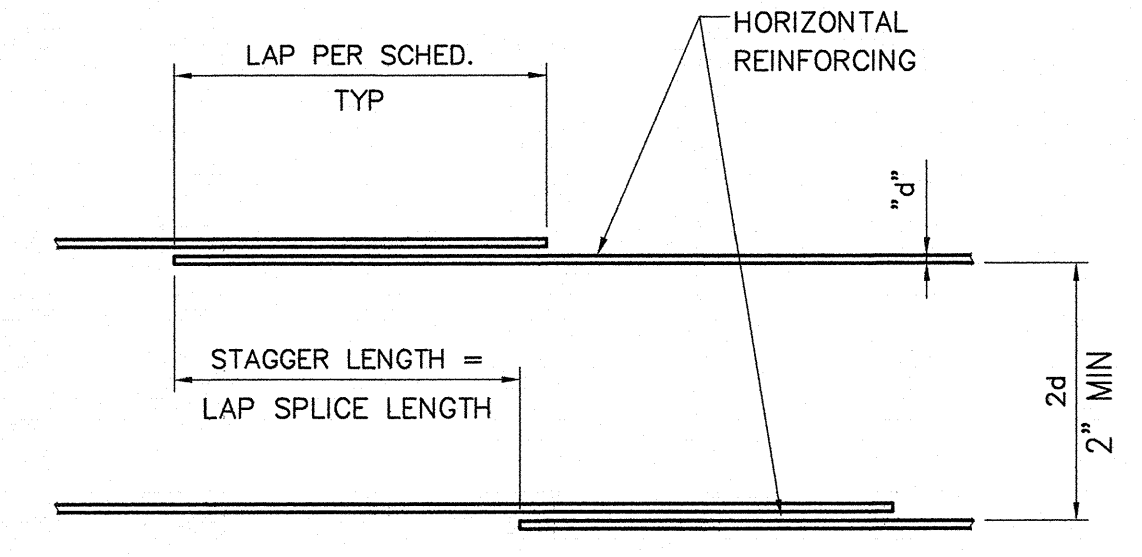
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BEAR DRIVE DRAIN IMPROVEMENTS

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1
TYPICAL WALL JOINTS - PLAN
NTS

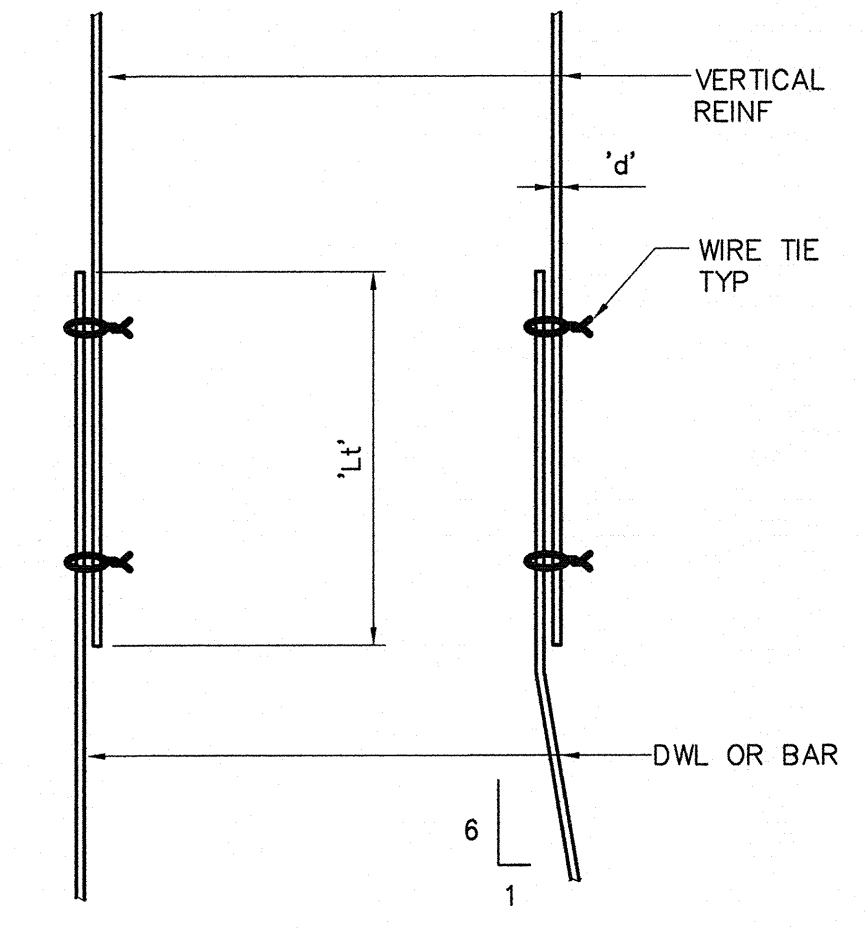


NOTES:
1. SPLICE LENGTH SHALL BE DETERMINED FROM THE SIZE OF THE SMALLER BAR SPLICED.
2. MINIMUM COVER 1.5", MINIMUM BAR CLEAR SPACING 2 BAR DIAMETERS.
3. TOP BARS ARE DEFINED AS BARS WITH 12" OR MORE OF FRESH CONCRETE PLACED BELOW THEM.
4. CONCRETE MASONRY UNITS LAP 4bd MINHORIZ & VERT REINF.
5. Lt VALUES IN SCHEDULE SHALL BE MULTIPLIED BY 1.3 FOR LIGHT WEIGHT CONCRETE.

BAR SIZE	TENSION LAP "Lt" (IN.)					
	F'c=3,000 P.S.I.		F'c=4,000 P.S.I.		F'c=5,000 P.S.I.	
	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
#3	29	23	25	20	22	17
#4	38	30	33	26	29	23
#5	47	37	41	32	36	28
#6	56	44	49	38	44	34
#7	82	64	71	55	63	49
#8	94	73	81	63	72	56
#9	106	82	91	70	81	63
#10	119	92	103	80	91	70
#11	131	101	113	87	101	78

HARDROCK CONCRETE
F'y = 60,000 P.S.I. (CLASS "B")

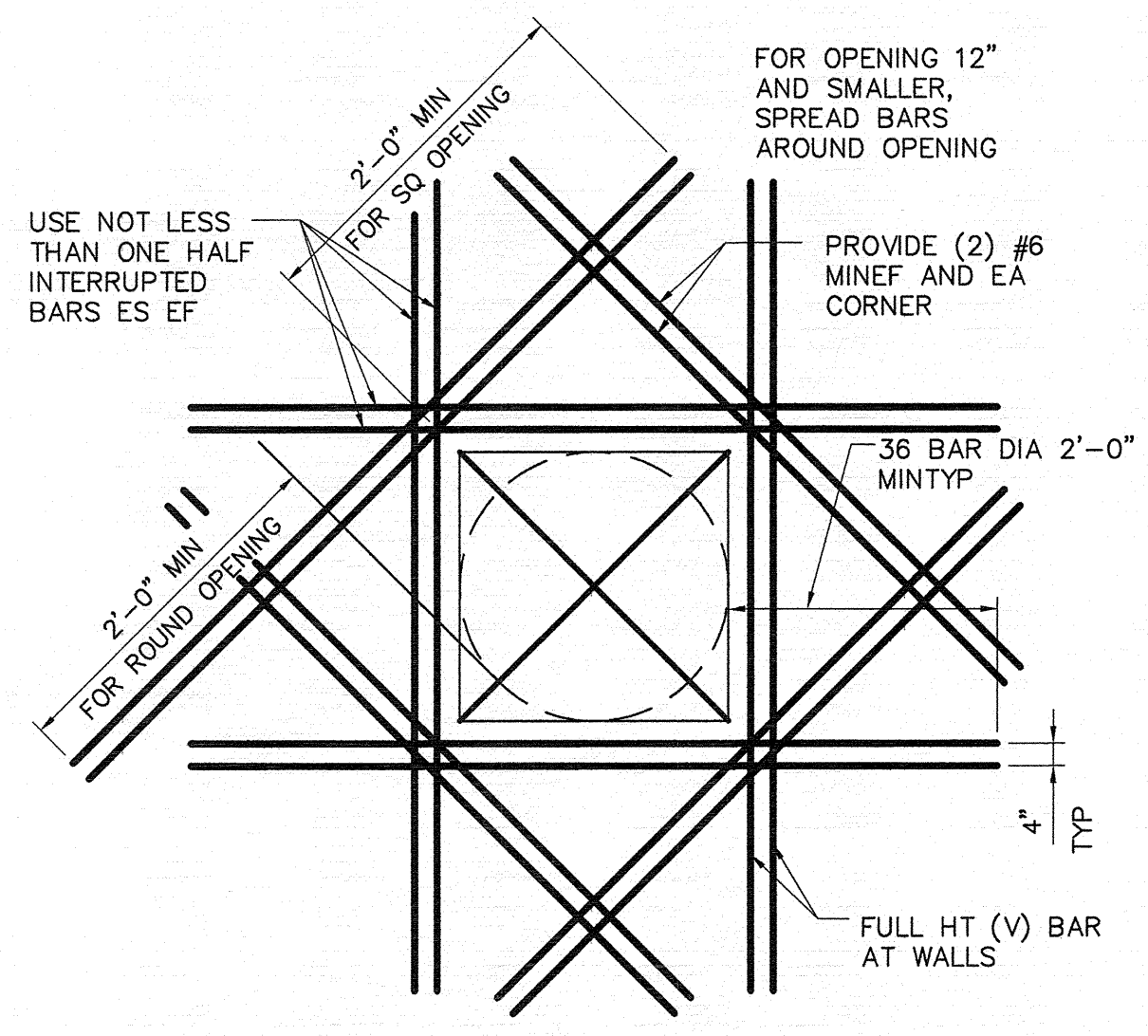
2
TYP HORIZONTAL REINF LAP SPLICE
NTS



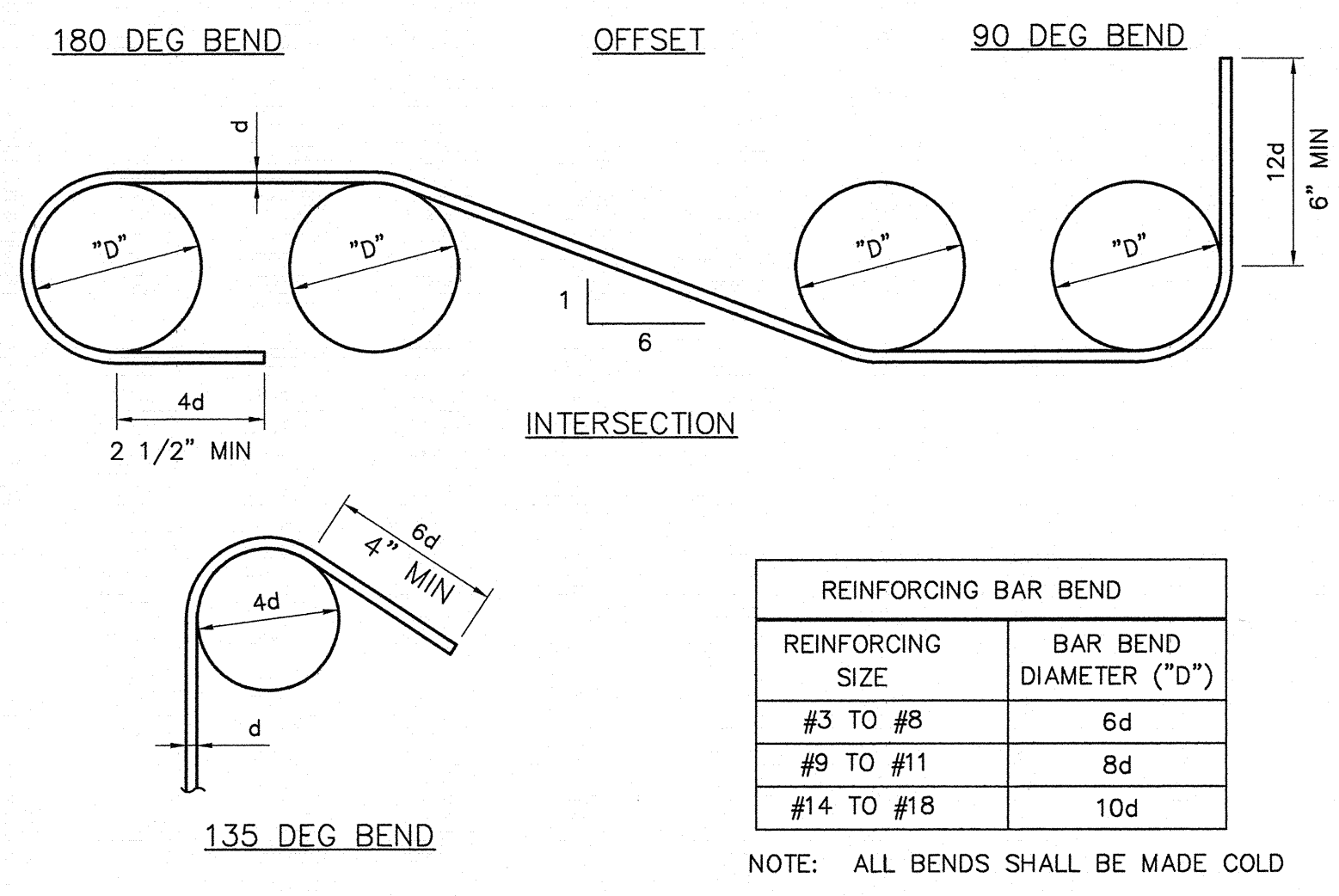
BAR SIZE	TENSION LAP "Lt" (IN.)			HOOK EMBED (IN.)
	F'c=3,000 PSI		F'c=5,000 PSI	
	TOP BARS	OTHER BARS	TOP BARS	
#3	22	19	17	8
#4	29	25	23	11
#5	36	31	28	14
#6	43	37	34	16
#7	63	54	49	19
#8	72	62	56	22
#9	81	70	63	25
#10	91	79	70	28
#11	101	87	78	31

F'y = 60 KSI
NOTES:
1. ALL VERTICAL REINFORCING FOR COLUMN, PIERS AND WALLS SHALL BE DOWELED AS SHOWN UON.
2. MINIMUM CLEAR SPACING 2d, MINIMUM COVER 1.5".
3. DOWELS SHALL BE THE SAME GRADE, SIZE, QUANTITY AND/OR SPACING AS VERTICAL REINFORCING.

3
TYPICAL VERTICAL REINF LAP SPLICE
NTS



4
TYP REINF AT OPENING
NTS

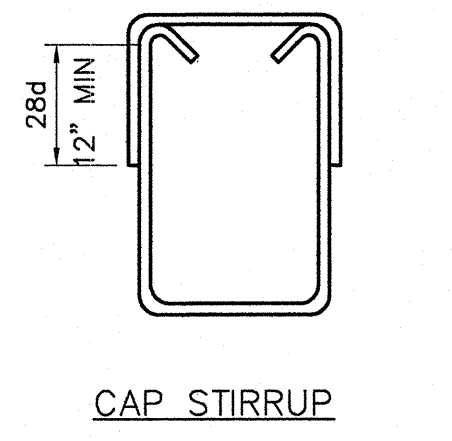


REINFORCING BAR BEND	
REINFORCING SIZE	BAR BEND DIAMETER ("D")
#3 TO #8	6d
#9 TO #11	8d
#14 TO #18	10d

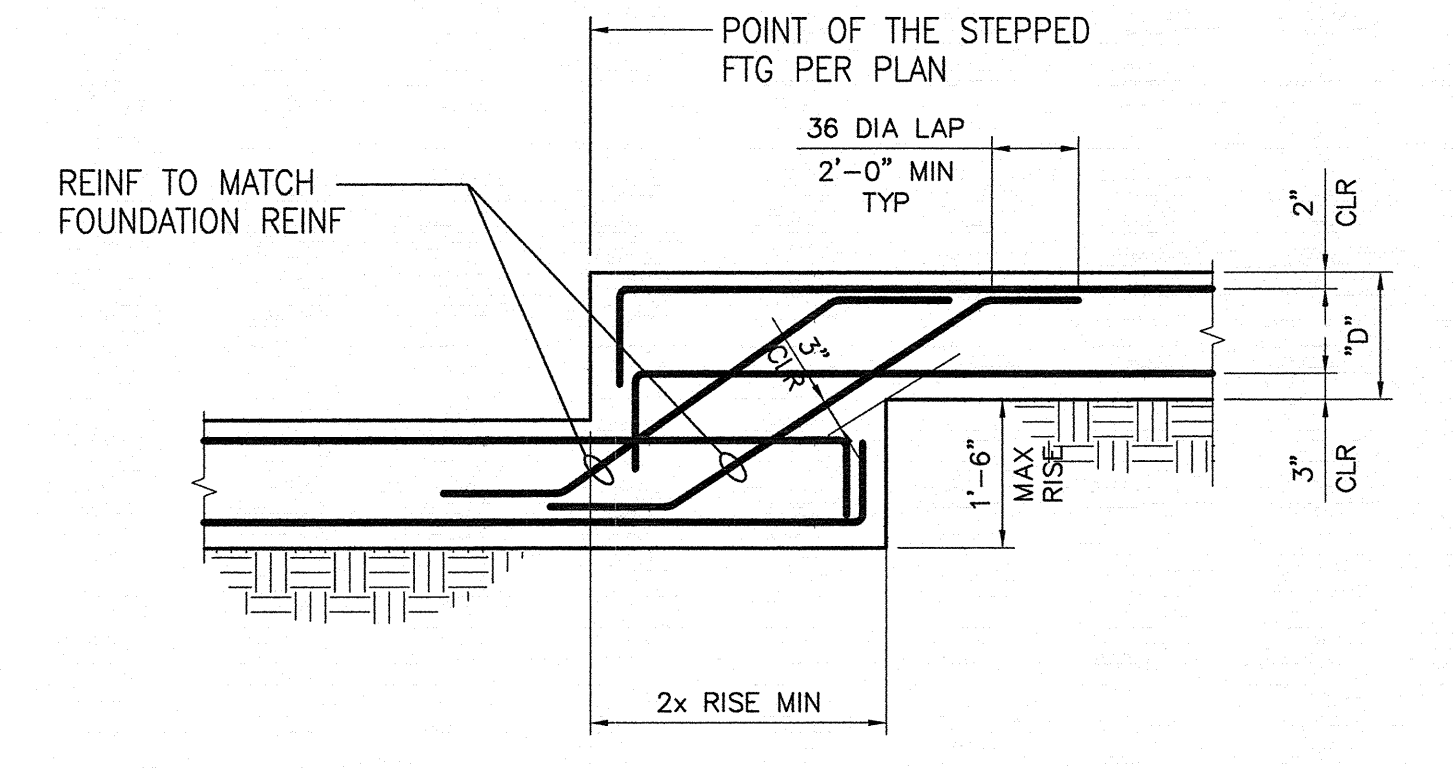
NOTE: ALL BENDS SHALL BE MADE COLD

5
TYPICAL REINF BAR BENDS
NTS

NOTE: CAP STIRRUPS MAY BE USED WHENEVER 135° CLOSED STIRRUPS ARE SHOWN IN GRADE BEAM ONLY



6
TYPICAL JOINT AT EXISTING FOOTING
NTS



NOTES:
1. STEP FTG PER PLANS AND AS REQD TO MAINTAIN MIN FTG DEPTH BELOW GRADE AND AS REQD TO ACCOMMODATE PIPES PER TYP PIPE TRENCH DETAIL
2. REINF TO MATCH SIZE AND SPACING OF FTG REINF

7
TYPICAL STEPPED FOOTING
NTS

S1.2

BEAR DRIVE IMPROVEMENTS
TYPICAL DETAILS

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING AND CAPITAL PROJECTS DEPARTMENT
SHEET 6 OF 8 SHEETS

APPROVED: *Paul Bahr* 3-11-2013
FOR CITY ENGINEER DATE

DESIGNED BY: *Jason Guise*
ASSOCIATE

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	H&A			

PROJECT ENGINEER: CASEY CROWN
211-1718
CCS27 COORDINATE
1851340-6279270
CCS27 COORDINATE
37045-6-D

TEMPORARY BMP CONSTRUCTION SITE STORM WATER PRIORITY: HIGH _____ MEDIUM _____ LOW _____ SPEC. NO.

SIMON WONG ENGINEERING

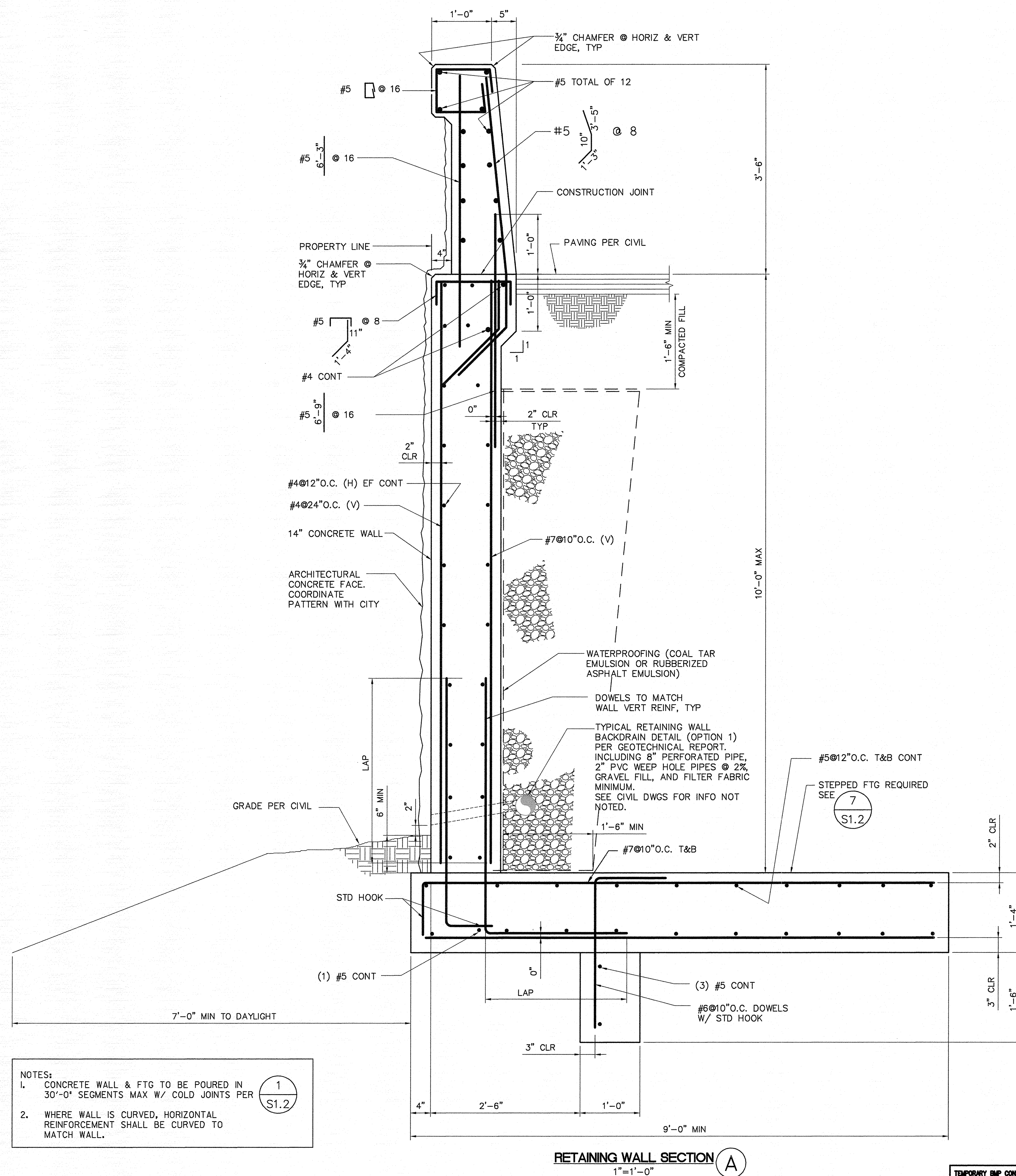
9968 Hibert Street, 2/FL
San Diego, CA 92131

Tel. (858) 566-3113
Fax. (858) 566-6844

REGISTERED PROFESSIONAL ENGINEER
No. S 35837
Exp. 03/31/13
STRUCTURAL
STATE OF CALIFORNIA

BEAR DRIVE DRAIN IMPROVEMENTS

G:\CADD\400 - HARRIS ASSOCIATES\10 - BEAR DRIVE RETAINING WALL REPLACEMENT\S2.0.DWG (03-08-13 11:54:27AM)



NOTES:
 1. CONCRETE WALL & FTG TO BE POURED IN 30'-0" SEGMENTS MAX W/ COLD JOINTS PER 1
 2. WHERE WALL IS CURVED, HORIZONTAL REINFORCEMENT SHALL BE CURVED TO MATCH WALL.

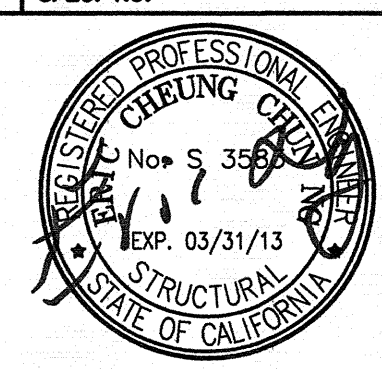
RETAINING WALL SECTION A
 1"=1'-0"

TEMPORARY BMP CONSTRUCTION SITE STORM WATER PRIORITY: HIGH — MEDIUM — LOW — SPEC. NO. _____

SIMON WONG ENGINEERING

9968 Hibert Street, 2/FL
 San Diego, CA 92131

Tel. (658) 566-3113
 Fax. (658) 566-6844



BEAR DRIVE IMPROVEMENTS				WBS S-10093
RETAINING WALL DETAILS				
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 7 OF 8 SHEETS				
APPROVED FOR CITY ENGINEER	DATE	SUBMITTED BY		
<i>Jason Guise</i>	3-11-2013	JASON GUISE		ASSOCIATE
DESCRIPTION	BY	APPROVED	DATE	FILED
ORIGINAL	H&A			CASEY CROWN
				PROJECT ENGINEER
				211-1718
				CCS27 COORDINATE
				1851340-6279270
				CCS83 COORDINATE
CONTRACTOR	DATE STARTED	INSPECTOR		DATE COMPLETED
				37045-7-D

BEAR DRIVE DRAIN IMPROVEMENTS

S2.0

TRAFFIC CONTROL NOTES

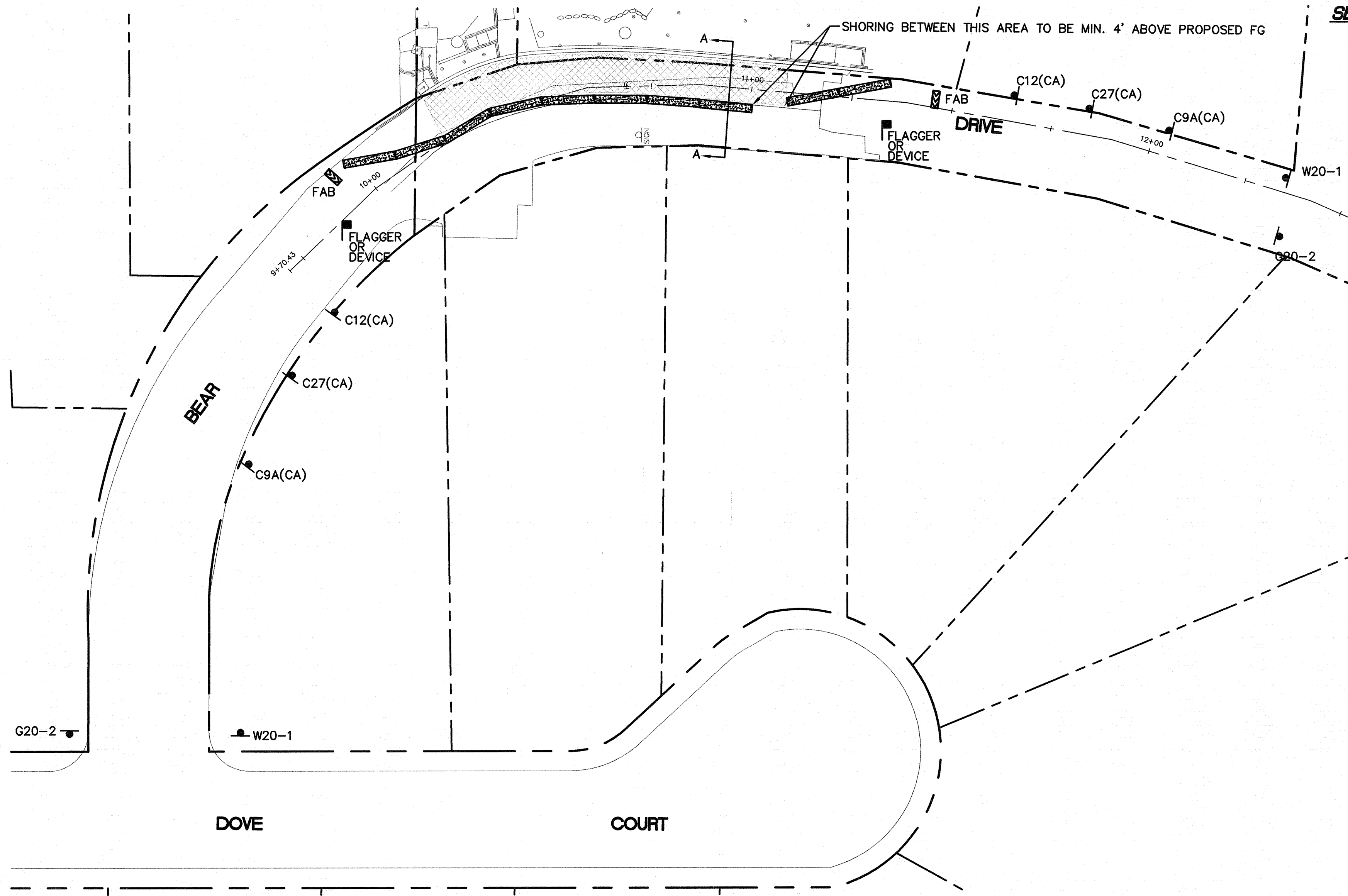
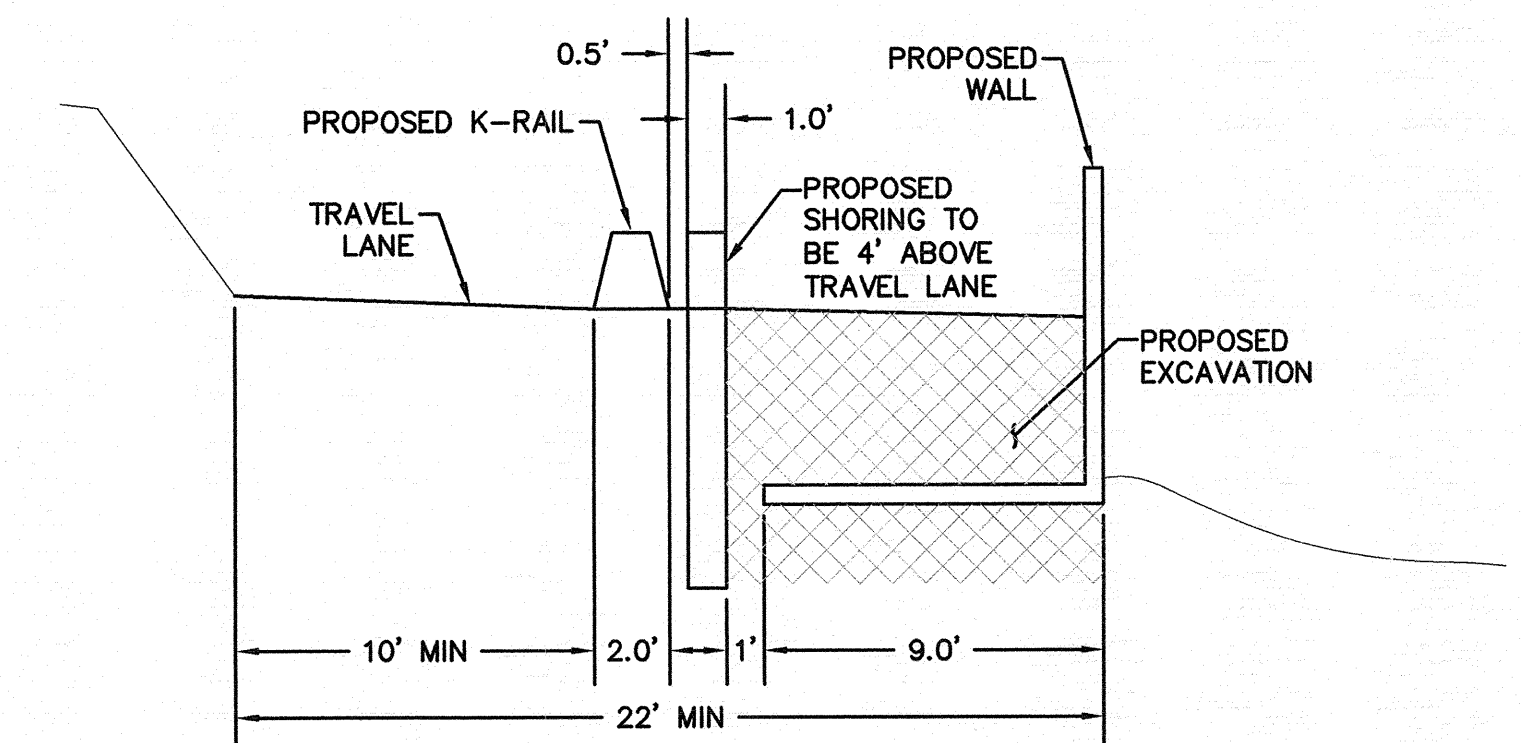
THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS AND THE SPECIFICATIONS AND STANDARD DRAWINGS OF THE CITY OF SAN DIEGO.

- VALIDATION. THIS TRAFFIC CONTROL PLAN IS NOT VALID UNTIL WORK DATES ARE APPROVED. THE CONTRACTOR SHALL, PER SECTION 7-10.1.3 OF THE CONTRACT SPECIAL PROVISIONS, CALL THE ENGINEERING TRAFFIC CONTROL SECTION AT (858)495-4741 TO OBTAIN A PERMIT. THE CONTRACTOR MUST CALL A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO STARTING WORK, OR FIVE (5) WORKING DAYS WHEN THE WORK WILL AFFECT A TRAFFIC SIGNAL.
- STANDARDS. THIS TRAFFIC CONTROL PLAN SHALL CONFORM TO THE MOST RECENTLY ADOPTED EDITION OF EACH OF THE FOLLOWING MANUALS:
 - CITY OF SAN DIEGO STANDARD DRAWINGS, APPENDIX "A";
 - CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; AND
 - STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ("GREENBOOK"), INCLUDING REGIONAL AND CITY OF SAN DIEGO SUPPLEMENT AMENDMENTS.
- NOTIFICATIONS. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AFFECTED AGENCIES A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO ANY EXCAVATION, CONSTRUCTION, OR TRAFFIC CONTROL:

- FIRE DEPARTMENT DISPATCH	(STREET OR ALLEY CLOSURE)	(858)573-1300
- POLICE DEPARTMENT TRAFFIC	(STREET OR ALLEY CLOSURE)	(858)495-7800
- WASTE MANAGEMENT DEPARTMENT	(REFUSE COLLECTION)	(858)694-7000
- STREET DIVISION/ELECTRICAL	(TRAFFIC SIGNALS)	(619)527-7500
- SAN DIEGO TRANSIT	(BUS STOPS)	(619)238-0100 EXT.424
- MTOB	(TAXI ZONES)	(619)595-7030
- UNDERGROUND SERVICE ALERT	(ANY EXCAVATION)	(800)422-4133

THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AND TENANTS A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO CLOSURE OF DRIVEWAYS. THE CONTRACTOR SHALL POST SIGNS NOTIFYING THE PUBLIC A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO CLOSURE OF STREETS.

- POSTING NO PARKING SIGNS. THE CONTRACTOR SHALL POST "TOW-AWAY/NO PARKING" SIGNS TWENTY-FOUR (24) HOURS IN ADVANCE FOR TEMPORARY PARKING REMOVAL. SIGNS SHALL INDICATE SPECIFIC DAYS, DATES AND TIMES OF RESTRICTIONS.
- EXCAVATIONS. EXCEPT AS SHOWN ON THE PLANS, ALL TRENCHES SHALL BE BACKFILLED OR TRENCH-PLATED AT THE END OF EACH WORK DAY. AN ASPHALT RAMP SHALL BE PLACED AROUND EACH TRENCH PLATE TO PREVENT THE PLATE FROM BEING DISLODGED. UPON COMPLETION OF EXCAVATION BACKFILL, THE CONTRACTOR SHALL PROVIDE A SATISFACTORY SURFACE FOR TRAFFIC. WHEN CONSTRUCTION OPERATIONS ARE NOT ACTIVELY IN PROGRESS, THE CONTRACTOR SHALL MAINTAIN ALL TRAVEL LANES OPEN TO TRAFFIC, EXCEPT AS SHOWN ON THE PLANS.
- RESTORATION OF TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL REPAIR OR REPLACE TRAFFIC CONTROL DEVICES (INCLUDING TRAFFIC SIGNS, STRIPING, PAVEMENT MARKERS, PAVEMENT MARKINGS, LEGENDS, CURB MARKINGS, LOOP DETECTORS, TRAFFIC SIGNAL EQUIPMENT, ETC.) DAMAGED OR REMOVED AS A RESULT OF OPERATIONS AND NOT DESIGNATED FOR REMOVAL. REPAIRS AND REPLACEMENTS SHALL BE EQUAL TO EXISTING IMPROVEMENTS. LOOP DETECTORS SHALL BE REPLACED WITHIN THREE (3) WORKING DAYS OF COMPLETION OF UNDERGROUND WORK.
- CHANGE IN WORK. THE RESIDENT ENGINEER WILL OBSERVE THESE TRAFFIC CONTROL PLANS IN OPERATION AND RESERVES THE RIGHT TO MAKE CHANGES AS THE FIELD CONDITIONS WARRANT. SUCH CHANGES SHALL SUPERSEDE THESE PLANS.
- TRAFFIC CONTROL SHALL BE IN EFFECT 24 HRS DURING CONSTRUCTION / LANE CLOSURE.
- CONTRACTOR TO ASSIST WITH WEEKLY TRASH COLLECTION DURING CONSTRUCTION.

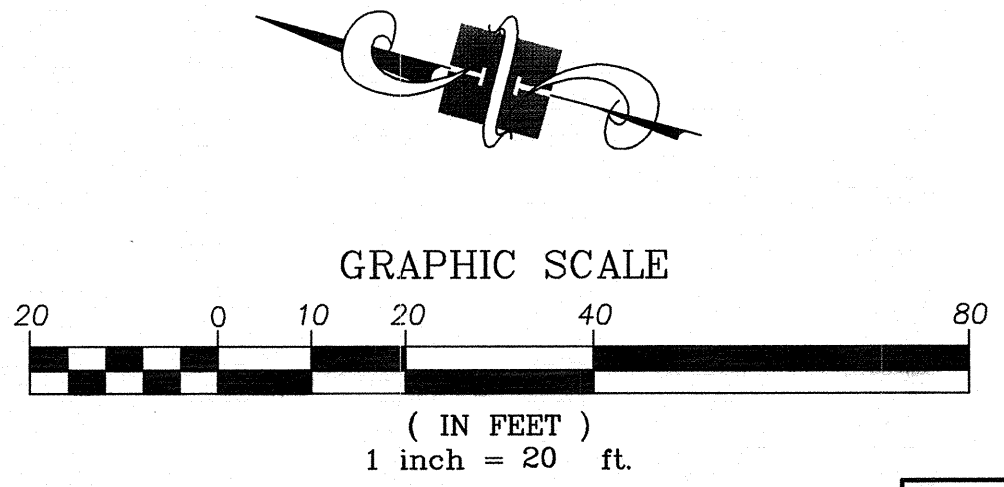


- LEGEND**
- WORK ZONE
 - SIGN
 - CONE, CHANNELIZING DEVICE
 - EXISTING DIRECTION OF TRAVEL
 - PROPOSED DIRECTION OF TRAVEL
 - FLAGMAN/DEVICE
 - FLASHING ARROW BOARD (FAB)
 - TEMPORARY K-RAIL BARRIER

- TRAFFIC SIGN LEGEND**
(ALL SIGNS SHALL BE REFLECTORIZED AND OF STANDARD SIZE. WORK AREA WARNING SIGNS SHALL BE ORANGE SIGN FACE.)
- C9A
 - C12(CA)
 - C27(CA)
 - G20-2
 - W20-1

COMMERCIAL AND RESIDENTIAL DRIVEWAYS:

- THE CONTRACTOR SHALL MAINTAIN ACCESS TO AND EGRESS FROM ALL COMMERCIAL AND RESIDENTIAL DRIVEWAYS THROUGHOUT THE PROJECT LIMITS. THE CONTRACTOR WILL BE ALLOWED TO CLOSE SAID DRIVEWAYS TO PERFORM THE REQUIRED WORK DURING THOSE PERIODS WHEN THE BUSINESSES ARE CLOSED UNLESS PERMISSION IS GRANTED FROM THE BUSINESS OWNER TO CLOSE THE DRIVEWAY DURING BUSINESS HOURS. IF A TEMPORARY CLOSURE OF A RESIDENTIAL DRIVEWAY IS NECESSARY, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER TO DETERMINE THE TIME PERIOD OF THE CLOSURE.
- THE CONTRACTOR SHALL MAINTAIN AND PROTECT ONE LANE OF THROUGH TRAFFIC IN EACH DIRECTION. EACH LANE ON A PAVED TRAVEL PATH NOT LESS THAN 11 FEET IN WIDTH.



100% SUBMITTAL BEAR DRIVE DRAIN IMPROVEMENTS

T-1

BEAR DRIVE RETAINING WALL AND STREET IMPROVEMENTS	
TRAFFIC CONTROL	
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 8 OF 8 SHEETS	
WBS S-10093	APPROVED BY: <i>Jason Guise</i> 3-11-2013
FOR CITY ENGINEER	DATE
DESCRIPTION	BY
ORIGINAL	H&A
APPROVED	DATE
FILED	DATE
PROJECT ENGINEER: CASEY CROWN	
PROJECT NUMBER: 211-1718	
COORDINATOR: CCS27	
COORDINATE: 1851340-6279270	
COORDINATE: CCS83	
CONTRACTOR	DATE STARTED
INSPECTOR	DATE COMPLETED
37045-8-D	

PREPARED BY:
HARRIS & ASSOCIATES
750 B Street, Suite 1800
San Diego, CA 92101
(619) 236-1778 • (619) 236-1179

Robert C. Sutherland Jr. 3-11-13
ROBERT C. SUTHERLIN JR. R.C.E. C38819 DATE



H:\SAN DIEGO\AS NEEDED\DWG 2011\TASK 23 - BEAR DRIVE\3D-BEAR DR - SHIT - T1.DWG (03-07-13 5:44:11PM)