

City of San Diego

CONTRACTOR'S NAME: Tri-Group Construction & Development, Inc.
ADDRESS: 9580 Black Mountain Rd, Ste L
TELEPHONE NO.: (858) 689-0058 **FAX NO.:** _____
CITY CONTACT: Juan E. Espindola, Senior Contract Specialist, Email: JEEspindola@sandiego.gov
Phone No. (619) 533- 4491
C. Chan / A. Jaro / N. Donovan

BIDDING DOCUMENTS



FOR

STREET RECONSTRUCTION GROUP 1801

BID NO.: K-23-1963-DBB-3
SAP NO. (WBS/IO/CC): B-17188
CLIENT DEPARTMENT: 2116
COUNCIL DISTRICT: 6
PROJECT TYPE: ID

THIS CONTRACT WILL BE SUBJECT TO THE FOLLOWING:

- PHASED-FUNDING
- THE CITY'S SUBCONTRACTING PARTICIPATION REQUIREMENTS FOR SLBE PROGRAM
- PREVAILING WAGE RATES: STATE FEDERAL
- APPRENTICESHIP

BID DUE DATE:

2:00 PM

AUGUST 30, 2022

CITY OF SAN DIEGO'S ELECTRONIC BIDDING SITE, PLANETBIDS

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

ENGINEER OF WORK

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

Mustanek Ashrafzadeh
For City Engineer

7/14/2022
Date

Seal:



TABLE OF CONTENTS

SECTION	PAGE
1. REQUIRED DOCUMENTS SCHEDULE.....	4
2. NOTICE INVITING BIDS.....	6
3. INSTRUCTIONS TO BIDDERS	9
4. PERFORMANCE AND PAYMENT BONDS	19
5. ATTACHMENTS:	
A. SCOPE OF WORK.....	22
B. PHASED FUNDING PROVISIONS	24
C. EQUAL OPPORTUNITY CONTRACTING PROGRAM	28
D. PREVAILING WAGE.....	48
E. SUPPLEMENTARY SPECIAL PROVISIONS.....	53
1. Appendix A - Notice of Exemption	69
2. Appendix B - Fire Hydrant Meter Program	72
3. Appendix C - Materials Typically Accepted by Certificate of Compliance.....	86
4. Appendix D - Sample City Invoice with Cash Flow Forecast.....	88
5. Appendix E - Location Map	91
6. Appendix F - Contractor’s Daily Quality Control Inspection Report.....	93
7. Appendix G - Monthly Drinking Water Discharge Monitoring Form.....	98
8. Appendix H - FDR Construction Specifications	101
9. Appendix I - Pavement Investigation Report.....	108
10. Appendix J - Pipe Allowable External Load Table	142
11. Appendix K - Advanced Metering Infrastructure (AMI) Device Protection.....	144
12. Appendix L - SWPPP Construction BMP Maintenance Log	151
13. Appendix M – Sequence of Work.....	154
14. Appendix N – SDGE Facility Protect in Place and Standby Location Reference	157
F. RESERVED.....	160
G. CONTRACT AGREEMENT	161
6. CERTIFICATIONS AND FORMS.....	164

REQUIRED DOCUMENTS SCHEDULE DURING BIDDING AND AWARDING

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.

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	DOCUMENT TO BE SUBMITTED	WHEN DUE	FROM
1.	Bid Bond (PDF via PlanetBids)	At Time of Bid	ALL BIDDERS
2.	Contractors Certification of Pending Actions	At Time of Bid	ALL BIDDERS
3.	List of Subcontractors for Alternate Items	At Time of Bid	ALL BIDDERS
4.	Mandatory Disclosure of Business Interests	At Time of Bid	ALL BIDDERS
5.	Debarment and Suspension Certification for Prime Contractors	At Time of Bid	ALL BIDDERS
6.	Debarment and Suspension Certification for Subcontractors, Suppliers & Mfgs	At Time of Bid	ALL BIDDERS
7.	Bid Bond (Original)	By 5PM 3 working days after bid opening	ALL BIDDERS
8.	SLBE Good Faith Effort Documentation	By 5 PM 3 working days after bid opening	ALL BIDDERS
9.	Form AA60 – List of Work Made Available	By 5 PM 3 working days after bid opening with Good Faith Effort (GFE) documentation	ALL BIDDERS
10.	Phased Funding Schedule Agreement	Within 10 working days of receipt by the bidder of the Notice of Intent to Award	AWARDED BIDDER
11.	If the Contractor is a Joint Venture: <ul style="list-style-type: none"> • Joint Venture Agreement • Joint Venture License 	Within 10 working days of receipt by bidder of contract forms	AWARDED BIDDER

ITEM	DOCUMENT TO BE SUBMITTED	WHEN DUE	FROM
12.	Payment & Performance Bond: Certificates of Insurance & Endorsements	Within 10 working days of receipt by bidder of contract forms and NOI	AWARDED BIDDER
13.	Signed Contract Agreement Page	Within 3 working days of receipt by bidder of Contract Agreement	AWARDED BIDDER
14.	Listing of "Other Than First Tier" Subcontractors	Within 10 working days of receipt by bidder of contract forms	AWARDED BIDDER

NOTICE INVITING BIDS

1. **SUMMARY OF WORK:** This is the City of San Diego's (City) solicitation process to acquire Construction services for **Street Reconstruction Group 1801**. For additional information refer to Attachment A.
2. **FULL AND OPEN COMPETITION:** This solicitation is subject to full and open competition and may be bid by Contractors on the City's approved Prequalified Contractors List. For information regarding the Contractors Prequalified list visit the City's web site: <http://www.sandiego.gov>.
3. **ESTIMATED CONSTRUCTION COST:** The City's estimated construction cost for this project is **\$10,200,000**.
4. **BID DUE DATE AND TIME ARE: AUGUST 30, 2022 at 2:00 PM.**
5. **PREVAILING WAGE RATES APPLY TO THIS CONTRACT:** Refer to Attachment D.
6. **LICENSE REQUIREMENT:** To be eligible for award of this contract, Prime contractor must possess the following licensing classification: **A**
7. **SUBCONTRACTING PARTICIPATION PERCENTAGES:** Subcontracting participation percentages apply to this contract.
 - 7.1. The City has incorporated **mandatory** SLBE-ELBE subcontractor participation percentages to enhance competition and maximize subcontracting opportunities. For the purpose of achieving the mandatory subcontractor participation percentages, a recommended breakdown of the SLBE and ELBE subcontractor participation percentages based upon certified SLBE and ELBE firms has also been provided to achieve the mandatory subcontractor participation percentages:

1. SLBE participation	11.6%
2. ELBE participation	13.5%
3. Total mandatory participation	25.1%
 - 7.2. The Bid may be declared non-responsive if the Bidder fails to meet the following requirements:
 - 7.2.1. Include SLBE-ELBE certified subcontractors at the overall mandatory participation percentage identified in this document; OR
 - 7.2.2. Submit Good Faith Effort (GFE) documentation, saved in searchable Portable Document Format (PDF), demonstrating the Bidder made a good faith effort to conduct outreach to and include SLBE-ELBE Subcontractors as required in this solicitation by 5 PM 3 Working Days after the Bid opening if the overall mandatory participation percentage is not met.

All submittals in searchable PDF shall be submitted electronically within the prescribed time identified in the contract documents via PlanetBids by invitation to the point of contact named in the bid provided by the Contract Specialist to all bidders.

8. AWARD PROCESS:

- 8.1.** The Award of this contract is contingent upon the Contractor's compliance with all conditions of Award as stated within these documents and within the Notice of Intent to Award.
- 8.2.** Upon acceptance of bids and determination of the apparent low bidder, the City will prepare the contract documents for execution within approximately 21 days of the date of the bid opening. The City will then award the contract upon receipt of properly signed Contract, bonds, and insurance documents.
- 8.3.** This contract will be deemed executed and effective only upon the signing of the Contract by the Mayor or his designee and approval as to form by the City Attorney's Office.
- 8.4.** The low Bid will be determined by the Base Bid plus all the Alternates.
- 8.5.** Once the low bid has been determined, the City may, at its sole discretion, award the contract for the Base bid alone; or for the Base bid plus one or more alternates.

9. SUBMISSION OF QUESTIONS:

- 9.1.** The Director (or Designee) of the Purchasing & Contracting 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. Any questions related to this solicitation shall be submitted to:

JEEspindola@sandiego.gov

- 9.2.** Questions received less than 14 days prior to the date for opening of Bids may not be considered.
- 9.3.** Questions or clarifications deemed by the City to be material shall be answered via issuance of an addendum and posted to the City's online bidding service.
- 9.4.** Only questions answered by formal written addenda shall be binding. Oral and other interpretations or clarifications shall be without legal effect. It is the Bidder's responsibility to be informed of any addenda that have been issued and to include all such information in its Bid.

10. PHASED FUNDING: For Phased Funding Conditions, see Attachment B.

11. ADDITIVE/DEDUCTIVE ALTERNATES:

- 11.1.** The additive/deductive alternates have been established to allow the City to compare the cost of specific portions of the Work with the Project's budget and enable the City to make a decision whether to incorporate these portions prior to award. The award will be established as described in the Bid. The City reserves the right to award the Contract for the Base Bid only or for the Base Bid plus one or more Alternates.

INSTRUCTIONS TO BIDDERS

1. PREQUALIFICATION OF CONTRACTORS:

- 1.1. Contractors submitting a Bid must be pre-qualified for the total amount proposed, including 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 may be deemed **non-responsive** and ineligible for award.
- 1.2. The completed application must be submitted online no later than 2 weeks prior to the bid opening.
- 1.3. **Joint Venture Bidders Cumulative Maximum Bidding Capacity:** For projects with an engineer's estimate of \$30,000,000 or greater, Joint Ventures submitting bids may be deemed responsive and eligible for award if the cumulative maximum bidding capacity of the individual Joint Venture entities is equal to or greater than the total amount proposed.
 - 1.3.1. Each of the entities of the Joint Venture must have been previously prequalified at a minimum of \$15,000,000.
 - 1.3.2. Bids submitted with a total amount proposed of less than \$30,000,000 are not eligible for Cumulative Maximum Bidding Capacity prequalification. To be eligible for award in this scenario, the Joint Venture itself or at least one of the Joint Venture entities must have been prequalified for the total amount proposed.
 - 1.3.3. Bids submitted by Joint Ventures with a total amount proposed of \$30,000,000 or greater on a project with an engineer's estimate of less than \$30,000,000 are not eligible for Cumulative Maximum Bidding Capacity prequalification.
 - 1.3.4. The Joint Venture designated as the Apparent Low Bidder shall provide evidence of its corporate existence and furnish good and approved bonds in the name of the Joint Venture within 14 Calendar Days of receipt by the Bidder of a form of contract for execution.
- 1.4. Complete information and links to the on-line prequalification application are available at:

<http://www.sandiego.gov/cip/bidopps/prequalification>
- 1.5. Due to the City's responsibility to protect the confidentiality of the contractors' information, City staff will not be able to provide information regarding contractors' prequalification status over the telephone. Contractors may access real-time information about their prequalification status via their vendor profile on [PlanetBids™](#).

2. **ELECTRONIC FORMAT RECEIPT AND OPENING OF BIDS:** Bids will be received in electronic format (eBids) EXCLUSIVELY at the City of San Diego’s electronic bidding (eBidding) site, at: <http://www.sandiego.gov/cip/bidopps/index.shtml> and are due by the date, and time shown on the cover of this solicitation.
- 2.1. **BIDDERS MUST BE PRE-REGISTERED** with the City’s bidding system and possess a system-assigned Digital ID in order to submit an electronic bid.
- 2.2. The City’s bidding system will automatically track information submitted to the site including IP addresses, browsers being used and the URLs from which information was submitted. In addition, the City’s bidding system will keep a history of every login instance including the time of login, and other information about the user’s computer configuration such as the operating system, browser type, version, and more. Because of these security features, Contractors who disable their browsers’ cookies will not be able to log in and use the City’s bidding system.
- 2.3. The City’s electronic bidding system is responsible for bid tabulations. Upon the bidder’s or proposer’s entry of their bid, the system will ensure that all required fields are entered. **The system will not accept a bid for which any required information is missing.** This includes all necessary pricing, subcontractor listing(s) and any other essential documentation and supporting materials and forms requested or contained in these solicitation documents.
- 2.4. **BIDS REMAIN SEALED UNTIL BID DEADLINE.** eBids are transmitted into the City’s bidding system via hypertext transfer protocol secure (https) mechanism using SSL 128-256 bit security certificates issued from Verisign/Thawte which encrypts data being transferred from client to server. Bids submitted prior to the “Bid Due Date and Time” are not available for review by anyone other than the submitter who has until the “Bid Due Date and Time” to change, rescind or retrieve its proposal should it desire to do so.
- 2.5. **BIDS MUST BE SUBMITTED BY BID DUE DATE AND TIME.** Once the bid deadline is reached, no further submissions are accepted into the system. Once the Bid Due Date and Time has lapsed, bidders, proposers, the general public, and City staff are able to immediately see the results on line. City staff may then begin reviewing the submissions for responsiveness, EOCB compliance and other issues. The City may require any Bidder to furnish statement of experience, financial responsibility, technical ability, equipment, and references.
- 2.6. **RECAPITULATION OF THE WORK.** Bids shall not contain any recapitulation of the Work. Conditional Bids may be rejected as being non-responsive. Alternative proposals will not be considered unless called for.
- 2.7. **BIDS MAY BE WITHDRAWN** by the Bidder only up to the bid due date and time.
- 2.7.1. Important Note: Submission of the electronic bid into the system may not be instantaneous. Due to the speed and capabilities of the user’s internet service provider (ISP), bandwidth, computer hardware and other variables, it may take

time for the bidder's submission to upload and be received by the City's eBidding system. It is the bidder's sole responsibility to ensure their bids are received on time by the City's eBidding system. The City of San Diego is not responsible for bids that do not arrive by the required date and time.

2.8. ACCESSIBILITY AND AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANCE: To request a copy of this solicitation in an alternative format, contact the Purchasing & Contracting Department, Public Works Division Contract Specialist listed on the cover of this solicitation at least five (5) working days prior to the Bid/Proposal due date to ensure availability.

3. ELECTRONIC BID SUBMISSIONS CARRY FULL FORCE AND EFFECT:

3.1. The bidder, by submitting its electronic bid, acknowledges that doing so carries the same force and full legal effect as a paper submission with a longhand (wet) signature.

3.2. By submitting an electronic bid, the bidder certifies that the bidder has thoroughly examined and understands the entire Contract Documents (which consist of the plans and specifications, drawings, forms, affidavits and the solicitation documents), and that by submitting the eBid as its bid proposal, the bidder acknowledges, agrees to and is bound by the entire Contract Documents, including any addenda issued thereto, and incorporated by reference in the Contract Documents.

3.3. The Bidder, by submitting its electronic bid, agrees to and certifies under penalty of perjury under the laws of the State of California, that the certification, forms and affidavits submitted as part of this bid are true and correct.

3.4. The Bidder agrees to the construction of the project as described in Attachment "A-Scope of Work" for the City of San Diego, in accordance with the requirements set forth herein for the electronically submitted prices. The Bidder guarantees the Contract Price for a period of 120 days from the date of Bid opening. 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.

4. BIDS ARE PUBLIC RECORDS: Upon receipt by the City, Bids shall become public records subject to public disclosure. It is the responsibility of the respondent to clearly identify any confidential, proprietary, trade secret or otherwise legally privileged information contained within the Bid. General references to sections of the California Public Records Act (PRA) will not suffice. If the Contractor does not provide applicable case law that clearly establishes that the requested information is exempt from the disclosure requirements of the PRA, the City shall be free to release the information when required in accordance with the PRA, pursuant to any other applicable law, or by order of any court or government agency, and the Contractor will hold the City harmless for release of this information.

5. CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM:

5.1. Prior to the Award of the Contract or Task Order, you and your Subcontractors and Suppliers must register with the City's web-based vendor registration and bid management system. For additional information go to:

<http://www.sandiego.gov/purchasing/bids-contracts/vendorreg>

- 5.2.** 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.
- 6. JOINT VENTURE CONTRACTORS:** Provide a copy of the Joint Venture agreement and the Joint Venture license to the City within 14 Calendar Days after receiving the Contract forms.
- 7. INSURANCE REQUIREMENTS:**
- 7.1.** 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.
- 7.2.** Refer to sections 5-4, "INSURANCE" of the Supplementary Special Provisions (SSP) for the insurance requirements which must be met.
- 8. 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") http://www.greenbookspecs.org/	2021	ECPI010122-01
City of San Diego Standard Specifications for Public Works Construction ("The WHITEBOOK")* https://www.sandiego.gov/ecp/edocref/greenbook	2021	ECPI010122-02
City of San Diego Standard Drawings* https://www.sandiego.gov/ecp/edocref/standarddraw	2021	ECPI010122-03
Citywide Computer Aided Design and Drafting (CADD) Standards https://www.sandiego.gov/ecp/edocref/drawings	2018	PWPI010119-04
California Department of Transportation (CALTRANS) Standard Specifications https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications	2018	PWPI030119-05
CALTRANS Standard Plans https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications	2018	PWPI030119-06
California Manual on Uniform Traffic Control Devices Revision 6 (CA MUTCD Rev 6) https://dot.ca.gov/programs/safety-programs/camutcd/camutcd-files	2014	PWPI060121-10
NOTE: *Available online under Engineering Documents and References at: https://www.sandiego.gov/ecp/edocref/		
*Electronic updates to the Standard Drawings may also be found in the link above		

- 9. CITY'S RESPONSES AND ADDENDA:** The City, at its discretion, may respond to any or all questions submitted in writing via the City's eBidding web site in the **form of an addendum**. No other responses to questions, oral or written shall be of any force or effect with respect to this solicitation. The changes to the Contract Documents through addenda are made effective

as though originally issued with the Bid. The Bidders shall acknowledge the receipt of Addenda at the time of bid submission.

10. **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.
11. **CONTRACT PRICING:** This solicitation is for a Lump Sum contract with Unit Price provisions as set forth herein. The Bidder agrees to perform construction services for the City of San Diego in accordance with these contract documents for the prices listed below. The Bidder further agrees to guarantee the Contract Price for a period of 120 days from the date of Bid opening. The duration of the Contract Price guarantee may be extended, by mutual consent of the parties, by the number of days required for the City to obtain all items necessary to fulfill all contractual conditions.
12. **SUBCONTRACTOR INFORMATION:**

12.1. LISTING OF SUBCONTRACTORS. In accordance with the requirements provided in the "Subletting and Subcontracting Fair Practices Act" of the California Public Contract Code, the Bidder shall provide the **NAME** and **ADDRESS** of each Subcontractor who will perform work, labor, render services or who 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 state within the description, whether the subcontractor is a **CONSTRUCTOR, CONSULTANT** or **SUPPLIER**. The Bidder shall state the **DIR REGISTRATION NUMBER** for all subcontractors and shall further state within the description, the **PORZION** of the work which will be performed 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 may result in the Bid being rejected as **non-responsive** and ineligible for award. The Bidder's attention is directed to the Special Provisions - Section 3-2, "Self-Performance", 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 for which Bidders are seeking recognition towards achieving any mandatory, voluntary (or both) subcontracting participation goals.

Additionally, pursuant to California Senate Bill 96 and in accordance with the requirements of Labor Code sections 1771.1 and 1725.5, by submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the California Department of Industrial Relations (DIR). **The Bidder shall provide the name, address, license number, DIR registration number of any Subcontractor - regardless of tier** - who will perform work, labor, render services or specially fabricate and install a portion [type] of the work or improvement pursuant to the contract.

- 12.2. LISTING OF SUPPLIERS.** Any Bidder seeking the recognition of Suppliers of equipment, materials, or supplies obtained from third party Suppliers towards achieving any mandatory or voluntary (or both) subcontracting participation goals shall provide, at a minimum, the **NAME, LOCATION (CITY), DIR REGISTRATION NUMBER** and the **DOLLAR VALUE** of each supplier. The Bidder will be credited up to 60% of the amount to be paid to the Suppliers for materials and supplies unless vendor manufactures or substantially alters materials and supplies, in which case, 100% will be credited. The Bidder is to indicate within the description whether the listed firm is a supplier or manufacturer. If no indication is provided, the listed firm will be credited at 60% of the listed dollar value for purposes of calculating the Subcontractor Participation Percentage.
- 12.3. LISTING OF SUBCONTRACTORS OR SUPPLIERS FOR ALTERNATES.** For subcontractors or suppliers to be used on additive or deductive alternate items, in addition to the above requirements, bidder shall further note "ALTERNATE" and alternate item number within the description.
- 13. SUBMITTAL OF "OR EQUAL" ITEMS:** See Section 4-6, "Trade Names" in The WHITEBOOK and as amended in the SSP.
- 14. AWARD:**
- 14.1.** The Award of this contract is contingent upon the Contractor's compliance with all conditions precedent to Award.
- 14.2.** 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.
- 14.3.** This contract will be deemed executed and effective only upon the signing of the Contract by the Mayor or his designee and approval as to form the City Attorney's Office.
- 15. SUBCONTRACT LIMITATIONS:** The Bidder's attention is directed to Standard Specifications for Public Works Construction, Section 3-2, "SELF-PERFORMANCE" in The GREENBOOK and as amended in the SSP which requires the Contractor to self-perform not less than the specified amount. Failure to comply with this requirement shall render the bid **non-responsive** and ineligible for award.
- 16. 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 Purchasing & Contracting Department, Public Works Division.
- 17. ONLY ONE BID PER CONTRACTOR SHALL BE ACCEPTED:** 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.

18. 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 within these documents.

19. BIDDER'S GUARANTEE OF GOOD FAITH (BID SECURITY) FOR DESIGN-BID-BUILD CONTRACTS:

19.1. For bids \$250,000 and above, bidders shall submit Bid Security at bid time. Bid Security shall be in one of the following forms: a cashier's check, or a properly certified check upon some responsible bank; or an approved corporate surety bond payable to the City of San Diego for an amount of not less than 10% of the total bid amount.

19.2. This check or bond, and the monies represented thereby, will be held by the City as a guarantee that the Bidder, if awarded the contract, will in good faith enter into the contract and furnish the required final performance and payment bonds.

19.3. The Bidder agrees that in the event of the Bidder's failure to execute this contract and provide the required final bonds, the money represented by the cashier's or certified check will remain the property of the City; and the Surety agrees that it will pay to the City the damages, not exceeding the sum of 10% of the amount of the Bid, that the City may suffer as a result of such failure.

19.4. At the time of bid submission, bidders must upload and submit an electronic PDF copy of the aforementioned bid security. Whether in the form of a cashier's check, a properly certified check or an approved corporate surety bond payable to the City of San Diego, the bid security must be uploaded to the City's eBidding system. By 5PM, 3 working days after the bid opening date, all bidders must provide the City with the original bid security.

19.5. Failure to submit the electronic version of the bid security at the time of bid submission AND failure to provide the original by 5PM, 3 working days after the bid opening date shall cause the bid to be rejected and deemed **non-responsive**.

Due to circumstances related to Covid-19, until further notice, all original bid bond submittals must be received by 5 PM, 3 working days after bid opening.

Upon circumstances returning to normal business as usual, the original bid bond shall once again be due by 5 PM the day after bid opening.

Original Bid Bond shall be submitted to:

Purchasing & Contracting Department, Public Works Division

1200 3rd Ave., Suite 200, MS 56P

San Diego, California, 92101

To the Attention of the Contract Specialist on the Front Page of this solicitation.

20. AWARD OF CONTRACT OR REJECTION OF BIDS:

- 20.1.** This contract may be awarded to the lowest responsible and reliable Bidder.
- 20.2.** Bidders shall complete ALL eBid forms as required by this solicitation. Incomplete eBids will not be accepted.
- 20.3.** The City reserves the right to reject any or all Bids, to waive any informality or technicality in Bids received, and to waive any requirements of these specifications as to bidding procedure.
- 20.4.** Bidders will not be released on account of their errors of judgment. Bidders may be released only upon receipt by the City within 3 Working Days of the bid opening, written notice from the Bidder which shows proof of honest, credible, clerical error of a material nature, free from fraud or fraudulent intent; and of evidence that reasonable care was observed in the preparation of the Bid.
- 20.5.** A bidder who is not selected for contract award may protest the award of a contract to another bidder by submitting a written protest in accordance with the San Diego Municipal Code.
- 20.6.** The City of San Diego will not discriminate in the award of contracts with regard to race, religion creed, color, national origin, ancestry, physical handicap, marital status, sex or age.
- 20.7.** Each Bid package properly signed as required by these specifications shall constitute a firm offer which may be accepted by the City within the time specified herein.
- 20.8.** The City reserves the right to evaluate all Bids and determine the lowest Bidder on the basis of the base bid and any proposed alternates or options as detailed herein.

21. BID RESULTS:

- 21.1.** The availability of the bids on the City's eBidding system 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 notation of such will be made on the eBidding system. The new ranking and apparent low bidder will be adjusted accordingly.
- 21.2.** To obtain the bid results, view the results on the City's web site, or request the results by U.S. mail and provide a self-addressed, stamped envelope. If requesting by mail, be sure to reference the bid name and number. The bid tabulations will be mailed to you upon their completion. The results will not be given over the telephone.

22. THE CONTRACT:

- 22.1.** 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.
- 22.2.** 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.
- 22.3.** 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.
- 22.4.** 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.
- 22.5.** 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 and approval as to form by the City Attorney's Office. 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.

- 23. 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 3-9, "TECHNICAL STUDIES AND SUBSURFACE DATA", 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.

24. CITY STANDARD PROVISIONS: This contract is subject to the following standard provisions. See The WHITEBOOK for details.

- 24.1.** The City of San Diego Resolution No. R-277952 adopted on May 20, 1991 for a Drug-Free Workplace.
- 24.2.** The City of San Diego Resolution No. R-282153 adopted on June 14, 1993 related to the Americans with Disabilities Act.
- 24.3.** The City of San Diego Municipal Code §22.3004 for Contractor Standards.
- 24.4.** The City of San Diego's Labor Compliance Program and the State of California Labor Code §§1771.5(b) and 1776.
- 24.5.** 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.
- 24.6.** The City's Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of The San Diego Municipal Code (SDMC).
- 24.7.** The City's Information Security Policy (ISP) as defined in the City's Administrative Regulation 90.63.

25. PRE-AWARD ACTIVITIES:

- 25.1.** The contractor selected by the City to execute a contract for this Work shall submit the required documentation as specified herein and in the Notice of Intent to Award. Failure to provide the information as specified may result in the Bid being rejected as **non-responsive**.
- 25.2.** The decision that bid is non-responsive for failure to provide the information required within the time specified shall be at the sole discretion of the City.

PROJECT: STREET RECONSTRUCTION GROUP 1801;
K-23-1963-DBB-3

BOND NO. 7901107863
PREMIUM: \$57,373.00
PREMIUM IS FOR CONTRACT TERM
AND IS SUBJECT TO ADJUSTMENT
BASED ON FINAL CONTRACT PRICE

PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND

FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND:

Tri-Group Construction & Development, Inc., a corporation, as principal, and NATIONWIDE MUTUAL INSURANCE COMPANY, a corporation authorized to do business in the State of California, as Surety, hereby obligate themselves, their successors and assigns, jointly and severally, to The City of San Diego a municipal corporation in the sum of Ten Million Four Hundred Thirty Five Thousand Three Hundred Sixty Seven Dollars and Twenty Cents (\$10,435,367.20) for the faithful performance of the annexed contract, and in the sum of Ten Million Four Hundred Thirty Five Thousand Three Hundred Sixty Seven Dollars and Twenty Cents (\$10,435,367.20) for the benefit of laborers and materialmen designated below.

Conditions:

If the Principal shall faithfully perform the annexed contract with the City of 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 Article 2. Claimants, (iii) public works of improvement commencing with Civil Code Section 9100 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.

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

The Surety expressly agrees that the City of San Diego may reject any contractor or subcontractor which may be proposed by Surety in fulfillment of its obligations in the event of default by the Principal.

The Surety shall not utilize the Principal in completing the improvements and work specified in the Agreement in the event the City terminates the Principal for default.

PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND (continued)

THE CITY OF SAN DIEGO

APPROVED AS TO FORM

Mara W. Elliott, City Attorney

By: 

By: 

Print Name: Claudia Abarca
Director
Purchasing & Contracting Department

Print Name: Ryan P. Gerrity
Deputy City Attorney

Date: October 17, 2022

Date: October 24, 2022

TRI-GROUP CONSTRUCTION
CONTRACTOR AND DEVELOPMENT, INC.

NATIONWIDE
SURETY MUTUAL INSURANCE COMPANY

By: 

By: 
Attorney-in-Fact

Print Name: HANI ASSI, SECRETARY

Print Name: MARK D. IATAROLA, ATTORNEY-IN-FACT

Date: SEPTEMBER 20, 2022

Date: SEPTEMBER 20, 2022

500 NORTH BRAND BOULEVARD, SUITE 2000
GLENDALE, CA 91203

Local Address of Surety

715/530-3481

Local Phone Number of Surety

\$57,373.00
PREMIUM IS FOR CONTRACT TERM
AND IS SUBJECT TO ADJUSTMENT
BASED ON FINAL CONTRACT PRICE

Premium

7901107863

Bond Number

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

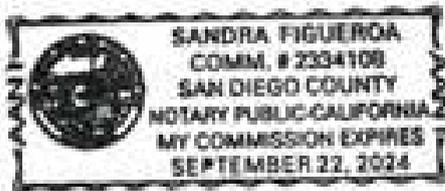
CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }
County of SAN DIEGO

On 9/20/2022 before me, SANDRA FIGUEROA, NOTARY PUBLIC
Date Here Insert Name and Title of the Officer
personally appeared MARK D. IATAROLA
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.



Place Notary Seal and/or Stamp Above

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 [Handwritten Signature]
Signature of Notary Public

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: MARK D. IATAROLA

Corporate Officer - Title(s): _____

Partner - Limited General

Individual Attorney in Fact

Trustee Guardian of Conservator

Other: _____

Signer is Representing: _____

Signer's Name: _____

Corporate Officer - Title(s): _____

Partner - Limited General

Individual Attorney in Fact

Trustee Guardian of Conservator

Other: _____

Signer is Representing: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

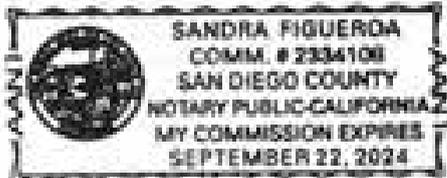
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }
County of SAN DIEGO

On 9/20/2023 before me, SANDRA FIGUEROA, NOTARY PUBLIC
Date Here Insert Name and Title of the Officer

personally appeared HANI ASSI
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~have~~ 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.



Place Notary Seal and/or Stamp Above

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 [Handwritten Signature]
Signature of Notary Public

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: HANI ASSI

Corporate Officer - Title(s): SECRETARY

Partner - Limited General

Individual Attorney in Fact

Trustee Guardian of Conservator

Other: _____

Signer is Representing: _____

Signer's Name: _____

Corporate Officer - Title(s): _____

Partner - Limited General

Individual Attorney in Fact

Trustee Guardian of Conservator

Other: _____

Signer is Representing: _____

Power of Attorney

KNOW ALL MEN BY THESE PRESENTS THAT:

Nationwide Mutual Insurance Company, an Ohio corporation

hereinafter referred to severally as the "Company" and collectively as "the Companies" does hereby make, constitute and appoint:

HELEN MALONEY; JOHN G MALONEY; MARK D IATAROLA; SANDRA FIGUEROA, TRACY LYNN RODRIGUEZ;

each in their individual capacity, its true and lawful attorney-in-fact, with full power and authority to sign, seal, and execute on its behalf any and all bonds and undertakings, and other obligatory instruments of similar nature, in penalties not exceeding the sum of

UNLIMITED

and to bind the Company thereby, as fully and to the same extent as if such instruments were signed by the duly authorized officers of the Company; and all acts of said Attorney pursuant to the authority given are hereby ratified and confirmed.

This power of attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the board of directors of the Company:

"RESOLVED, that the president, or any vice president be, and each hereby is, authorized and empowered to appoint attorneys-in-fact of the Company, and to authorize them to execute and deliver on behalf of the Company any and all bonds, forms, applications, memorandums, undertakings, recognizances, transfers, contracts of indemnity, policies, contracts guaranteeing the fidelity of persons holding positions of public or private trust, and other writings obligatory in nature that the business of the Company may require; and to modify or revoke, with or without cause, any such appointment or authority; provided, however, that the authority granted hereby shall in no way limit the authority of other duly authorized agents to sign and countersign any of said documents on behalf of the Company."

"RESOLVED FURTHER, that such attorneys-in-fact shall have full power and authority to execute and deliver any and all such documents and to bind the Company subject to the terms and limitations of the power of attorney issued to them, and to affix the seal of the Company thereto; provided, however, that said seal shall not be necessary for the validity of any such documents."

This power of attorney is signed and sealed under and by the following bylaws duly adopted by the board of directors of the Company.

Execution of Instruments. Any vice president, any assistant secretary or any assistant treasurer shall have the power and authority to sign or attest all approved documents, instruments, contracts, or other papers in connection with the operation of the business of the company in addition to the chairman of the board, the chief executive officer, president, treasurer or secretary; provided, however, the signature of any of them may be printed, engraved, or stamped on any approved document, contract, instrument, or other papers of the Company.

IN WITNESS WHEREOF, the Company has caused this instrument to be sealed and duly attested by the signature of its officer the 20th day of August, 2021.

[Handwritten Signature]

Antonio C. Albanese, Vice President of Nationwide Mutual Insurance Company

ACKNOWLEDGMENT

STATE OF NEW YORK COUNTY OF NEW YORK: ss

On this 20th day of August, 2021, before me came the above-named officer for the Company aforesaid, to me personally known to be the officer described in and who executed the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn, deposes and says, that he is the officer of the Company aforesaid, that the seal affixed hereto is the corporate seal of said Company, and the said corporate seal and his signature were duly affixed and subscribed to said instrument by the authority and direction of said Company.



Stephanie Rubino McArthur
Notary Public, State of New York
No. 02MC6270117
Qualified in New York County
Commission Expires October 19, 2024

[Handwritten Signature]

Notary Public
My Commission Expires
October 19, 2024

CERTIFICATE

I, Laura B. Guy, Assistant Secretary of the Company, do hereby certify that the foregoing is a full, true and correct copy of the original power of attorney issued by the Company; that the resolution included therein is a true and correct transcript from the minutes of the meetings of the boards of directors and the same has not been revoked or amended in any manner; that said Antonio C. Albanese was on the date of the execution of the foregoing power of attorney the duly elected officer of the Company, and the corporate seal and his signature as officer were duly affixed and subscribed to the said instrument by the authority of said board of directors; and the foregoing power of attorney is still in full force and effect.

IN WITNESS WHEREOF, I have hereunto subscribed my name as Assistant Secretary, and affixed the corporate seal of said Company this 20TH day of SEPTEMBER, 2022.

[Handwritten Signature]

Assistant Secretary

ATTACHMENTS

ATTACHMENT A
SCOPE OF WORK

SCOPE OF WORK

- 1. SCOPE OF WORK:** The scope of work for this project involves furnishing all labor, materials, equipment, services and construction which include pavement reconstruction utilizing the full depth reclamation method and slurry seal, replacing traffic signal detection loops and stub outs, adjustment of city manholes and gate valve covers, installation of curb ramps to meet ADA requirements, installation of pedestrian barricades at prohibited crossing movements, installation of bus pads, replacing damaged sidewalks, tree removal, root pruning and barrier, curb & gutter and cross gutters, replacing traffic striping/markings, signs and legends, installation of storm drain pipes, cleanouts and inlets, and installation of modular wetland systems within project drainage management area along Gold Coast Drive between Thanksgiving Lane to Camino Ruiz and Park Dale Avenue between Northrup Drive and Mira Mesa Boulevard. This project will also include segments of water main replacement.

In addition, the "FDR" work consists of remedial grading, pulverizing and blending of the existing base, and subgrade soil as described in the special provisions Appendix H, FDR Construction Specifications and Appendix I, Pavement Investigation Report.

- 1.1.** The Work shall be performed in accordance with:

- 1.1.1.** The Notice Inviting Bids and Plans numbered **41356-01-D** through **41356-49-D**, inclusive.

- 2. LOCATION OF WORK:** The location of the Work is as follows:

See **Appendix E - Location Map**

- 3. CONTRACT TIME:** The Contract Time for completion of the Work, including the 90 Calendar Day Plant Establishment Period, shall be **217 Working Days**.

ATTACHMENT B
PHASED FUNDING PROVISIONS

PHASED FUNDING PROVISIONS

1. PRE-AWARD

- 1.1. Within 10 Working Days of the Notice of Intent to Award, the Contractor must contact the Project Manager to discuss fund availability for each phase and shall also submit the following:
 - 1.1.1. Construction Cost Loaded Schedule in accordance with 6-1, "CONSTRUCTION SCHEDULE AND COMMENCEMENT OF THE WORK" and 7-3, "PAYMENT."
- 1.2. Contractor's failure to perform any of the following may result cancelling the award of the Contract:
 - 1.2.1. Meeting with the City's Project Manager to discuss the Phased Funding Schedule.
 - 1.2.2. Agreeing to a Phased Funding Schedule within **thirty** days of meeting with the City's Project Manager.

2. POST-AWARD

- 2.1. Do not start any construction activities for the next phase until the Notice to Proceed (NTP) has been issued by the City. The City will issue a separate NTP for each phase.
- 2.2. The City may issue the NTP for a subsequent phase before the completion of the preceding phase.

PHASED FUNDING SCHEDULE AGREEMENT

The particulars left blank below, such as the total number of phases and the amounts assigned to each phase, will be completed with funding specific information from the Pre-Award Schedule and Construction Cost Loaded Schedule submitted to and approved by the City.

BID NUMBER: K-23-1963-DBB-3

CONTRACT OR TASK TITLE: Street Reconstruction Group 1801

CONTRACTOR: Tri-Group Construction & Development, Inc.

Funding Phase	Phase Description	Phase Start	Phase Finish	Not-to-Exceed Amount
1	All work as outlined in the contract document should be completed in phase 1. (217 working days for construction operation, including 90 calendar days for PEP)	Nov 2022	Sep 2023	\$ 10,435,367.20
2				\$
3				\$
Contract Total				\$ 10,435,367.20

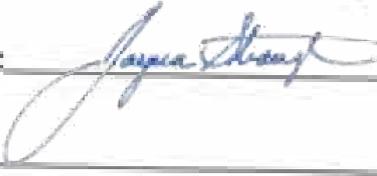
Notes:

- 1) WHITEBOOK section 7-3.10, "Phased Funding Compensation" applies.
- 2) The total of all funding phases shall be equal to the TOTAL BID PRICE as shown on BID SCHEDULE 1 - PRICES.
- 3) This PHASED FUNDING SCHEDULE AGREEMENT will be incorporated into the CONTRACT and shall only be revised by written modifications to the CONTRACT.

CITY OF SAN DIEGO

PRINT NAME: Jayna Straughn

Construction Senior Engineer

Signature: 

Date: _____

PRINT NAME: Mastaneh Ashrafzadeh

Design Senior Engineer

Signature: 

Date: 9/20/2022

CONTRACTOR

PRINT NAME: HANI ASSI

SECRETARY OF CORPORATION

Title: _____

Signature: 

Date: 9/20/2022

ATTACHMENT C
EQUAL OPPORTUNITY CONTRACTING PROGRAM

EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP)

SECTION A - GENERAL REQUIREMENTS

A. INTRODUCTION.

1. This document sets forth the following specifications:
 - a) The City's general EOCP requirements for all Construction Contracts.
 - b) Special Provisions for Contracts subject to SLBE and ELBE requirements only.
2. Additional requirements may apply for state or federally funded projects.
3. These requirements shall be included as Contract provisions for all Subcontracts.
4. The City specified forms, instructions, and guides are available for download from the EOCP's web site at: <http://www.sandiego.gov/eoc/forms/index.shtml>

B. GENERAL.

1. The City of San Diego promotes equal employment and subcontracting opportunities.
2. The City is committed to ensuring that taxpayer dollars spent on public Contracts are not paid to businesses that practice discrimination in employment or subcontracting.
3. The City encourages all companies seeking to do business with the City to share this commitment.

C. DEFINITIONS.

1. For the purpose of these requirements: Terms "Bid" and "Proposal", "Bidder" and "Proposer", "Subcontractor" and "Subconsultant", "Contractor" and "Consultant", "Contractor" and "Prime Contractor", "Consultant" and "Professional Service Provider", "Suppliers" and "Vendors", "Suppliers" and "Dealers", and "Suppliers" and "Manufacturers" may have been used interchangeably.
2. The following definitions apply:
 - a) **Emerging Business Enterprise (EBE)** - A for-profit business that is independently owned and operated; that is not a subsidiary or franchise of another business and whose gross annual receipts do not exceed the amount set by the City Manager and that meets all other criteria set forth in regulations implementing Municipal Code Chapter 2, Article 2, Division 36. The City Manager shall review the threshold amount for EBEs on an annual basis and adjust as necessary to reflect changes in the marketplace.
 - b) **Emerging Local Business Enterprise (ELBE)** - A Local Business Enterprise that is also an Emerging Business Enterprise.

- c) **Minority Business Enterprise (MBE)** - A certified business that is at least fifty-one percent (51%) owned by one or more minority individuals, or, in the case of a publicly owned business at least fifty-one percent (51%) of the stock is owned by one or more minority individuals; and (2) whose daily business operations are managed and directed by one or more minorities owners. Minorities include the groups with the following ethnic origins: African, Asian Pacific, Asian Subcontinent, Hispanic, Native Alaskan, Native American, and Native Hawaiian.
- d) **Women Business Enterprise (WBE)** - A certified business that is at least fifty-one percent (51%) owned by a woman or women, or, in the case of a publicly owned business at least fifty-one percent (51%) of the stock is owned by one or more women; and (2) whose daily business operations are managed and directed by one or more women owners.
- e) **Disadvantaged Business Enterprise (DBE)** - a certified business that is at least fifty-one percent (51%) owned by socially and economically disadvantaged individuals, or, in the case of a publicly owned business at least fifty-one percent (51%) of the stock is owned by one or more socially and economically disadvantaged individuals; and (2) whose daily business operations are managed and directed by one or more socially and economically disadvantaged owners.
- f) **Disabled Veteran Business Enterprise (DVBE)** - A certified business that is at least fifty-one percent (51%) owned by one or more disabled veterans; and (2) business operations must be managed and controlled by one or more disabled veterans. Disabled Veteran is a veteran of the U.S. military, naval, or air service; the veteran must have a service-connected disability of at least 10% or more; and the veteran must reside in California.
- g) **Other Business Enterprise (OBE)** - Any business which does not otherwise qualify as a Minority, Woman, Disadvantaged, or Disabled Veteran Business Enterprise.
- h) **Small Business Enterprise (SBE)** - A for-profit business that is independently owned and operated; that is not a subsidiary or franchise of another business and whose gross annual receipts do not exceed the amount set by the City Manager and that meets all other criteria set forth in regulations implementing Municipal Code Chapter 2, Article 2, Division 36. The City Manager shall review the threshold amount for SBEs on an annual basis and adjust as necessary to reflect changes in the marketplace. A business certified as a Micro Business (MB) or a Disabled Veteran Business Enterprise (DVBE) by the State of California and that has provided proof of such certification to the City Manager shall be deemed to be an SBE.

- i) **Small Local Business Enterprise (SLBE)** - A Local Business Enterprise that is also a Small Business Enterprise.

D. CITY'S EQUAL OPPORTUNITY COMMITMENT.

1. Nondiscrimination in Contracting Ordinance.

- a) You, your Subcontractors, and Suppliers shall comply with the requirements of the City's Nondiscrimination in Contracting Ordinance, San Diego Municipal Code §§22.3501 through 22.3517.

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

You shall include the foregoing clause in all Contracts between you and your Subcontractors and Suppliers.

- b) **Disclosure of Discrimination Complaints.** As part of its Bid or Proposal, you shall provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against you in a legal or administrative proceeding alleging that you discriminated against your employees, Subcontractors, vendors, or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.
- c) Upon the City's request, You agree to provide to the City, within 60 Calendar Days, a truthful and complete list of the names of all Subcontractors and Suppliers that you have used in the past 5 years on any of your Contracts that were undertaken within the San Diego County, including the total dollar amount paid by you for each Subcontract or supply Contract.
- d) You further agree 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. You understand and agree that violation of this clause shall be considered a material breach of the Contract and may result in remedies being ordered against you up to and including contract termination, debarment, and other sanctions for the violation of the provisions of the Nondiscrimination in Contracting Ordinance. You further understand and agree 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. You, your Subcontractors, and Suppliers shall comply with the City's Equal Employment Opportunity Outreach Program, San Diego Municipal Code §§22.2701 through 22.2707.

You shall not discriminate against any employee or applicant for employment on any basis prohibited by law. You shall provide equal opportunity in all employment practices. You shall ensure that your Subcontractors comply with this program. Nothing in this section shall be interpreted to hold you liable for any discriminatory practices of your Subcontractors.

You shall include the foregoing clause in all Contracts between you and your 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 to the City for approval as specified in the Notice of Intent to Award letter.
3. The selected Bidder shall submit an Equal Employment Opportunity Plan if a Work Force Report is submitted and if the City determines that there are under-representations when compared to County Labor Force Availability data.
4. If the selected Bidder submits an Equal Employment Opportunity Plan, it shall include the following assurances:
 - a) You shall maintain a working environment free of discrimination, harassment, intimidation, and coercion at all Sites and in all facilities at which your employees are assigned to Work.
 - b) You shall review your EEO Policy annually with all on-Site supervisors involved in employment decisions.
 - c) You shall disseminate and review your EEO Policy with all employees at least once a year, post the policy statement and EEO posters on all company bulletin boards and job sites, and document every dissemination, review, and posting with a written record to identify the time, place, employees present, subject matter, and disposition of meetings.
 - d) You shall review, at least annually, all supervisors' adherence to and performance under the EEO Policy and maintain written documentation of these reviews.
 - e) You shall discuss your EEO Policy Statement with Subcontractors with whom you anticipate doing business, including the EEO Policy Statement in your Subcontracts, and provide such documentation to the City upon request.

- f) You shall document and maintain a record of all Bid solicitations and outreach efforts to and from Subcontractors, contractor associations, and other business associations.
- g) You shall disseminate your EEO Policy externally through various media, including the media of people of color and women, in advertisements to recruit. Maintain files documenting these efforts and provide copies of these advertisements to the City upon request.
- h) You shall disseminate your EEO Policy to union and community organizations.
- i) You shall provide immediate written notification to the City when any union referral process has impeded your efforts to maintain your EEO Policy.
- j) You shall maintain a current list of recruitment sources, including those outreaching to people of color and women, and provide written notification of employment opportunities to these recruitment sources with a record of the organizations' responses.
- k) You shall maintain 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.
- l) You shall encourage all present employees, including people of color and women employees, to recruit others.
- m) You shall maintain all employment selection process information with records of all tests and other selection criteria.
- n) You shall develop and maintain documentation for on-the-job training opportunities, participate in training programs, or both for all of your employees, including people of color and women, and establish apprenticeship, trainee, and upgrade programs relevant to your employment needs.
- o) You shall conduct, at least annually, an inventory and evaluation of all employees for promotional opportunities and encourage all employees to seek and prepare appropriately for such opportunities.
- p) You shall ensure that 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.

F. SUBCONTRACTING.

1. The City encourages all eligible business enterprises to participate in City contracts as a Contractor, Subcontractor, and joint venture partner with you, your Subcontractors, or your Suppliers. You are encouraged to take positive

steps to diversify and expand your Subcontractor solicitation base and to offer subcontracting opportunities to all eligible business firms including SLBEs, ELBEs, MBEs, WBEs, DBEs, DVBEs, and OBEs.

2. For Subcontractor participation level requirements, see the Contract Documents where applicable.
3. For the purposes of achieving the mandatory Subcontractor participation percentages, City percentage calculations will not account for the following:
 - a) "Field Orders" and "City Contingency" Bid items.
 - b) Alternate Bid items.
 - c) Allowance Bid items designated as "EOC Type II".
4. Allowance Bid items designated as "EOC Type I" will be considered as part of the Base Bid and will be included in the percentage calculation.
5. Each joint venture partner shall be responsible for a clearly defined Scope of Work. In addition, an agreement shall be submitted and signed by all parties identifying the extent to which each joint venture partner shares in ownership, control, management, risk, and profits of the joint venture.

G. LISTS OF SUBCONTRACTORS AND SUPPLIERS.

1. You shall comply with the Subletting and Subcontracting Fair Practices Act, Public Contract Code §§4100 through 4113, inclusive.
2. You shall list all Subcontractors who will receive more than 0.5% of the total Bid amount or \$10,000, whichever is greater on the form provided in the Contract Documents (Subcontractors list).
3. The Subcontractors list shall include the Subcontractor's name, telephone number including area code, physical address, Scope of Work, the dollar amount of the proposed Subcontract, the California contractor license number, the Public Works contractor registration number issued pursuant to Section 1725.5 of the Labor Code, and the Subcontractor's certification status with the name of the certifying agency.
4. The listed Subcontractor shall be appropriately licensed pursuant to Contractor License Laws.
5. For Design-Build Contracts, refer to the RFQ and RFP for each Project or Task Order.

H. SUBCONTRACTOR AND SUPPLIER SUBSTITUTIONS.

1. Listed Subcontractors and Suppliers shall not be substituted without the Express authorization of the City or its duly authorized agent.
2. Request for Subcontractor or Supplier substitution shall be made in writing to Purchasing & Contracting Department, Public Works Division, Attention Contract Specialist, 1200 3rd Ave., Suite 200, MS 56P, San Diego, CA 92101 with a copy to the Engineer.

3. The request shall include a thorough explanation of the reason(s) for the substitution, including dollar amounts and a letter from each substituted Subcontractor or Supplier stating that they (the Subcontractors or Suppliers) release all interest in working on the Project and written confirmation from the new Subcontractor or Supplier stating that they agree to work on the Project along with the dollar value of the Work to be performed.
4. Written approval of the substitution request shall be received by you or from the City or its authorized officer prior to any unlisted Subcontractor or Supplier performing Work on the Project.
5. Substitution of Subcontractors and Suppliers without authorization shall subject you to those penalties set forth in Public Contract Code §4110.
6. Requests for Supplier substitution shall be made in writing at least 10 Days prior to the provision of materials, supplies, or services by the proposed Supplier and shall include proof of written notice to the originally listed Supplier of the proposed substitution.
7. A Contractor whose Bid is accepted shall not:
 - a) Substitute a person as Subcontractor or Supplier in place of the Subcontractor or Supplier listed in the original bid, except that the City, or its duly authorized officer, may consent to the substitution of another person as a Subcontractor or Supplier in any of the following situations:
 - i. When the Subcontractor or Supplier listed in the Bid, after having a reasonable opportunity to do so, fails or refuses to execute a written Contract for the scope of work specified in the subcontractor's bid and at the price specified in the subcontractor's bid, when that written contract, based upon the general terms, conditions, plans, and specifications for the project involved or the terms of the subcontractor's written bid, is presented to the subcontractor by the prime contractor.
 - ii. When the listed Subcontractor or Supplier becomes insolvent or the subject of an order for relief in bankruptcy.
 - iii. When the listed Subcontractor or Supplier fails or refuses to perform his or her subcontract.
 - iv. When the listed Subcontractor fails or refuses to meet bond requirements as set forth in Public Contract Code §4108.
 - v. When you demonstrate to the City or its duly authorized officer, subject to the provisions set forth in Public Contract Code §4107.5, that the name of the Subcontractor was listed as the result of an inadvertent clerical error.
 - vi. When the listed Subcontractor is not licensed pursuant to Contractor License Law.

- vii. When the City, or its duly authorized officer, determines that the Work performed by the listed Subcontractor or that the materials or supplies provided by the listed Supplier are substantially unsatisfactory and not in substantial accordance with the Plans and specifications or that the Subcontractor or Supplier is substantially delaying or disrupting the progress of the Work.
 - viii. When the listed Subcontractor is ineligible to work on a public works project pursuant to §§1777.1 or 1777.7 of the Labor Code.
 - ix. When the City or its duly authorized agent determines that the listed Subcontractor is not a responsible contractor.
- b) Permit a Contract to be voluntarily assigned or transferred or allow it to be performed by anyone other than the original Subcontractor, Supplier listed in the original Bid without the consent of the City, or its duly authorized officer.
 - c) Other than in the performance of "Change Orders" causing changes or deviations from the Contract, sublet or subcontract any portion of the Work, or contract for materials or supplies in excess of 0.5% of your total bid or \$10,000, whichever is greater, as to which his or her original Bid did not designate a Subcontractor or Supplier.
8. Following receipt of notice from you of the proposed substitution of a Subcontractor or Supplier, the listed Subcontractor or Supplier who has been so notified shall have 5 Working Days within which to submit written objections to the substitution to the Contract Specialist with a copy to the Engineer. Failure to file these written objections shall constitute the listed Subcontractor or Supplier's consent to the substitution. If written objections are filed, the City shall give notice in writing of at least 5 Working Days to the listed Subcontractor or Supplier of a hearing by the City on your request for substitution.

I. PROMPT PAYMENT.

- 1. You or your Subcontractors shall pay to any subcontractor, not later than 7 Calendar Days of receipt of each progress payment, unless otherwise agreed to in writing, the respective amounts allowed you on account of the Work performed by the Subcontractors, to the extent of each Subcontractor's interest therein. In cases of Subcontractor performance deficiencies, you shall make written notice of any withholding to the Subcontractor with a copy to the Contracts Specialist. Upon correction of the deficiency, you shall pay the Subcontractor the amount previously withheld within 14 Calendar Days after payment by the City.
- 2. Any violation of California Business and Professions Code, §7108.5 concerning prompt payment to Subcontractors shall subject the violating Contractor or

Subcontractor to the penalties, sanctions, and other remedies of that section. This requirement shall not be construed to limit or impair any contractual, administrative, or judicial remedies otherwise available to you or your Subcontractor in the event of a dispute involving late payment or nonpayment by the Prime Contractor, deficient subcontract performance, or noncompliance by a Subcontractor.

J. PROMPT PAYMENT OF FUNDS WITHHELD TO SUBCONTRACTORS.

1. The City will hold retention from you and will make prompt and regular incremental acceptances of portions, as determined by the Engineer, of the Work and pay retention to you based on these acceptances.
2. You or your Subcontractors shall return all monies withheld in retention from a Subcontractor within 30 Calendar Days after receiving payment for Work satisfactorily completed and accepted including incremental acceptances of portions of the Work by the City.
3. Federal law (49CFR26.29) requires that any delay or postponement of payment over 30 Calendar Days may take place only for good cause and with the City's prior written approval. Any violation of this provision by you or your Subcontractor shall subject you or your Subcontractor to the penalties, sanctions, and other remedies specified in §7108.5 of the Business and Professions Code.
4. These requirements shall not be construed to limit or impair any contractual, administrative, or judicial remedies otherwise available to you or your Subcontractor in the event of a dispute involving late payment or nonpayment by you, deficient subcontract performance, or noncompliance by a Subcontractor.

K. CERTIFICATION.

1. The City accepts certifications of DBE, DVBE, MBE, SMBE, SWBE, or WBE by any of the following certifying agencies:
 - a) Current certification by the State of California Department of Transportation (CALTRANS) as DBE, SMBE, or SWBE.
 - b) Current MBE, WBE, or DVBE certification from the California Public Utilities Commission.
 - c) DVBE certification is received from the State of California's Department of General Services, Office of Small and Minority Business.
 - d) Current certification by the City of Los Angeles as DBE, WBE, or MBE.
 - e) Subcontractors' valid proof of certification status (copies of MBE, WBE, DBE, or DVBE certifications) shall be submitted as required.

L. CONTRACT RECORDS AND REPORTS.

1. You shall maintain records of all subcontracts and invoices from your

Subcontractors and Suppliers for work on this project. Records shall show name, telephone number including area code, and business address of each Subcontractor, Supplier, and joint venture partner, and the total amount actually paid to each firm. Project relevant records, regardless of tier, may be periodically reviewed by the City.

2. You shall retain all records, books, papers, and documents pertinent to the Contract for a period of not less than 5 years after Notice of Completion and allow access to said records by the City's authorized representatives.
3. You shall submit the following reports using the City's web-based contract compliance (Prism® portal):
 - a. **Monthly Payment.** You shall submit Monthly Payment Reporting by the 10th day of the subsequent month. Incomplete and/or delinquent reporting may cause payment delays, non-payment of invoices, or both.
4. The records maintained under item 1, described above, shall be consolidated into a Final Summary Report, certified as correct by an authorized representative of the Contractor. The Final Summary Report shall include all subcontracting activities and be sent to the EOCP Program Manager prior to Acceptance. Failure to comply may result in assessment of liquidated damages or withholding of retention. The City will review and verify 100% of subcontract participation reported in the Final Summary Report prior to approval and release of final retention to you. In the event your Subcontractors are owed money for completed Work, the City may authorize payment to subcontractor via a joint check from the withheld retention.

EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP)

SECTION B - SLBE-ELBE SUBCONTRACTING REQUIREMENTS

THESE SPECIAL PROVISIONS SUPPLEMENT THE POLICIES AND REQUIREMENTS ESTABLISHED BY THE CITY OF SAN DIEGO EQUAL OPPORTUNITY CONTRACTING PROGRAM SPECIFIED IN THE CITY'S GENERAL EOCP REQUIREMENTS.

A. GENERAL.

1. It is the City's policy to encourage greater availability, capacity development, and contract participation by SLBE and ELBE firms in City contracts. This policy is, in part, intended to further the City's compelling interest to stimulate economic development through the support and empowerment of the local community, ensure that it is neither an active nor passive participant in marketplace discrimination, and promote equal opportunity for all segments of the contracting community.
2. The City is committed to maximizing subcontracting opportunities for all qualified and available firms.
3. This policy applies to City-funded construction contracts. Bidders shall be fully informed of this policy as set forth in these specifications. Mandatory or voluntary subcontracting percentages, Bid Discounts, and restricted competitions are specified in the Contract Documents.
4. You shall make subcontracting opportunities available to a broad base of qualified Subcontractors and shall achieve the minimum SLBE-ELBE Subcontractor participation identified for your project.
5. Failure to subcontract the specified minimum (mandatory) percentages of the Bid to qualified available SLBE-ELBE Subcontractors will cause a Bid to be rejected as non-responsive unless the Bidder has demonstrated compliance with the affirmative steps as specified in the City's document titled "Small Local Business (SLBE) Program, INSTRUCTIONS FOR BIDDERS COMPLETING THE GOOD FAITH EFFORT SUBMITTAL" and has submitted documentation showing that all required positive efforts were made prior to the Bid submittal due date. The required Good Faith Effort (GFE) documentation shall be submitted to the Contract Specialist. The instructions for completing the good faith effort submittal can be found on the City's website:
<https://www.sandiego.gov/sites/default/files/legacy/eoc/pdf/slbefEinst.pdf>
6. The current list of certified SLBE-ELBE firms and information for completing the GFE submittal can be found on the City's EOC Department website:
<http://www.sandiego.gov/eoc/programs/slbe.shtml>
7. These requirements may be waived, at the City's sole discretion, on projects deemed inappropriate for subcontracting participation.

B.

DEFINITIONS.

1. The following definitions shall be used in conjunction with these specifications:

- a) **Bid Discount** – Additional inducements or enhancements in the bidding process that are designed to increase the chances for the selection of SLBE firms in competition with other firms.
- b) **Commercially Useful Function** – An SLBE-ELBE performs a commercially useful function when it is responsible for the execution of the Work and is carrying out its responsibilities by actually performing, managing, and supervising the Work involved. To perform a commercially useful function, the SLBE-ELBE shall also be responsible, with respect to materials and supplies used on the Contract, for negotiating price, determining quantity and quality, ordering the material, and installing (where applicable) and paying for the material itself.

To determine whether an SLBE-ELBE is performing a commercially useful function, an evaluation will be performed of the amount of Work subcontracted, normal industry practices, whether the amount the SLBE-ELBE firm is to be paid under the contract is commensurate with the Work it is actually performing and the SLBE-ELBE credit claimed for its performance of the Work, and other relevant factors. Specifically, an SLBE-ELBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of meaningful and useful SLBE-ELBE participation, when in similar transactions in which SLBE-ELBE firms do not participate, there is no such role performed.

- c) **Good Faith Efforts (GFE)** – Documentation of the Bidder's intent to comply with SLBE Program goals and procedures included in the City's SLBE Program, Instructions for Completing Good Faith Effort Submittal available from the City's EOCP website or the Contract Specialist.
- d) **Independently Owned, Managed, and Operated** – Ownership of a SLBE-ELBE firm shall be direct, independent, and by individuals only. Business firms that are owned by other businesses or by the principals or owners of other businesses that cannot themselves qualify under the SLBE-ELBE eligibility requirements shall not be eligible to participate in the Program. Moreover, the day-to-day management of the SLBE-ELBE firm shall be direct and independent of the influence of any other businesses that cannot themselves qualify under the SLBE-ELBE eligibility requirements.

- e) **Joint Venture** – An association of two or more persons or business entities that is formed for the single purpose of carrying out a single defined business enterprise for which purpose they combine their capital, efforts, skills, knowledge, or property. Joint ventures shall be established by written agreement to qualify for this program.
- f) **Local Business Enterprise (“LBE”)** – A firm having a Principal Place of Business and a Significant Employment Presence in San Diego County, California that has been in operation for 12 consecutive months and a valid business tax certificate. This definition is subsumed within the definition of Small Local Business Enterprise.
- g) **Minor Construction Program** – A program developed for bidding exclusively among SLBE-ELBE Construction firms.
- h) **Principal Place of Business** – A location wherein a firm maintains a physical office and through which it obtains no less than 50% of its overall customers or sales dollars.
- i) **Protégé** – A firm that has been approved and is an active participant in the City’s Mentor-Protégé Program and that has signed the required program participation agreement and has been assigned a mentor.
- j) **Significant Employee Presence** – No less than 25% of a firm’s total number of employees are domiciled in San Diego County.

C. SUBCONTRACTOR PARTICIPATION.

1. For the purpose of satisfying subcontracting participation requirements, only 1st tier SLBE–ELBE Subcontractors will be recognized as participants in the Contract according to the following criteria:
 - a) For credit to be allowed toward a respective participation level, all listed SLBE-ELBE firms shall have been certified by the Bid due date.
 - b) The Subcontractor shall perform a commercially useful function for credit to be allowed toward subcontractor participation levels. The Subcontractor shall be required by you to be responsible for the execution of a distinct element of the Work and shall carry out its responsibility by actually performing and supervising its own workforce.
 - c) If the Bidder is seeking the recognition of materials, supplies, or both towards achieving any mandatory subcontracting participation level, the Bidder shall indicate on Form AA40 – Named Equipment/Material Supplier List with the Bid the following:
 - i. If the materials or supplies are obtained from a SLBE-ELBE manufacturer, the Bidder will receive 100% of the cost of the materials or supplies toward SLBE participation. For the purposes of counting SLBE-ELBE participation, a manufacturer is a firm that operates or maintains a factory or establishment

that produces, on the premises, the materials, supplies, articles, or equipment required under the Contract and of the general character described by the specifications.

- ii. If the materials or supplies are obtained from a SLBE-ELBE supplier, the Bidder will receive 60% of the cost of the materials or supplies toward SLBE participation. For the purposes of counting SLBE-ELBE participation a Supplier is a firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials, supplies, articles or equipment of the general character described by the specifications and required under the Contract are bought, kept in stock, and regularly sold or leased to the public in the usual course of business. To be a supplier, the firm shall be an established, regular business that engages, as its principal business and under its own name, in the purchase and sale or lease of the products in question. A person may be a supplier in such bulk items as petroleum products, steel, cement, gravel, stone, or asphalt without owning, operating, or maintaining a place of business if the person both owns and operates distribution equipment for the products. Any supplementing of the suppliers' own distribution equipment shall be by a long-term lease agreement and shall not be on an ad hoc or contract-by-contract basis.
 - iii. If the materials or supplies are obtained from a SLBE-ELBE, which is neither a manufacturer nor a supplier, the entire amount of fees or commissions charged for assistance in the procurement of the materials and supplies, fees or transportation charges for the delivery of materials or supplies required on a job site will be counted toward SLBE-ELBE participation, provided the fees are reasonable and not excessive as compared with fees customarily allowed for similar services. No portion of the cost of the materials and supplies themselves will be counted toward SLBE-ELBE participation.
- d) If the Bidder is seeking the recognition of SLBE-ELBE Trucking towards achieving any mandatory subcontracting participation level, the Bidder shall indicate it on Form AA35 – List of Subcontractors with the Bid. The following factors will be evaluated in determining the credit to be allowed toward the respective participation level:
- i. The SLBE-ELBE shall be responsible for the management and supervision of the entire trucking operation for which it is getting credit on a particular Contract and there shall not be a contrived arrangement for the purpose of counting SLBE-ELBE participation.

- ii. The SLBE-ELBE shall itself own and operate at least 1 fully licensed, insured, and operational truck used on the Contract.
- iii. The SLBE-ELBE receives credit for the total value of the transportation services it provides on the Contract using trucks it owns, insures, and operates using drivers it employs.
- iv. The SLBE-ELBE may lease trucks from another SLBE-ELBE firm including an owner-operator who is certified as a SLBE-ELBE. The SLBE-ELBE who leases trucks from another SLBE-ELBE receives credit for the total value of the transportation services the lessee SLBE-ELBE provides on the contract.
- v. The SLBE-ELBE may also lease trucks from a non-SLBE-ELBE firm, including an owner-operator. The SLBE-ELBE who leases trucks from a non-SLBE-ELBE is entitled to credit for the total value of transportation services provided by non-SLBE-ELBE lessees not to exceed the value of transportation services provided by SLBE-ELBE owned trucks on the contract. Additional participation by non-SLBE-ELBE lessees receive credit only for the fee or commission it receives as a result of the lease arrangement.
- vi. A lease shall indicate that the SLBE-ELBE has exclusive use of and control over the truck. This does not preclude the leased truck from working for others during the term of the lease with the consent of the SLBE-ELBE so long as the lease gives the SLBE-ELBE absolute priority for use of the leased truck.

D. SLBE-ELBE SUBCONTRACTOR PARTICIPATION PERCENTAGES.

1. Contracts valued at \$1,000,000 and above will be considered Major Public Works Contracts and will include a mandatory Subcontractor participation requirement for SLBE-ELBE firms.
 - a) The Bidder shall achieve the mandatory Subcontractor participation requirement or demonstrate GFE.
 - b) The Bidders shall indicate the participation on Forms AA35 - List of Subcontractors and AA40 - Named Equipment/Material Supplier List as applicable regardless of the dollar value.
 - c) An SLBE-ELBE Bidder may count its own participation toward achieving the mandatory goal as long as the SLBE-ELBE Bidder performs 51% of the Contract Price.
2. Contracts Valued over \$500,000 and under \$1,000,000 will also be considered Major Public Works Contracts and will include the mandatory subcontractor participation requirements described above and the following:
 - a) 5% bid discount for SLBE-ELBE firms.

- b) Non-certified Contractor will receive 5% bid discount if they achieve the specified mandatory Subcontracting participations.
 - c) Bid discounts shall not apply if the award will result in a total contract cost of \$50,000 in excess of the apparent lowest Bid.
 - d) In the event of a tie bid between a SLBE-ELBE Bidder and a non-SLBE-ELBE Bidder, the SLBE-ELBE Bidder will be awarded the Contract.
 - e) In the event of a tie bid between a discounted Bid and a non-discounted Bid, the discounted Bid will be awarded the Contract.
- 3. Contracts valued over \$250,000 up to \$500,000 will be considered Minor Public Works Contracts and will be awarded through a competitive Bid process open only to City certified SLBE-ELBE firms. If there are no bidders or no responsible bidders, the Contract will be made available to all Bidders and will be subject to requirements listed in items 1 and 2 for Major Public Works Contracts above.
 - 4. Contracts valued at \$250,000 and below will also be considered Minor Public Works Contracts and will be awarded through a competitive bid process open only to City certified ELBEs unless there are less than 2 firms available at which it will be awarded through a competitive process open only to the City certified SLBE-ELBE firms. If there are no bidders or no responsible bidders, the Contract will be made available to all Bidders and subject to requirements listed in items 1 and 2 for Major Public Works Contracts above.

E. JOINT VENTURES.

- 1. The City may allow for Joint Venture bid discounts on some Contracts. Contracts that allow for Joint Venture bid discounts will be designated in Bid documents. A firm that is bidding or competing for City Contracts may partner with a certified SLBE or ELBE to compete for Contracts as a Joint Venture.
- 2. A Joint Venture shall be between two entities with the same discipline or license as required by the City. Joint ventures will receive bid discounts depending on the SLBE or ELBE percentage of participation. To be eligible for a discount, a Joint Venture Agreement shall be approved by the City at the time of Bid submittal. The maximum allowable discount shall be 5%. The parties shall agree to enter in the relationship for the life of the projects.
- 3. Joint Venture shall submit a Joint Venture Management Plan, a Joint Venture Agreement, or both at least 2 weeks prior to the Bid due date. Copies of the Joint Venture applications are available upon request to the Contract Specialist. Each agreement or management plan shall include the following:
 - a) Detailed explanation of the financial contribution for each partner.
 - b) List of personnel and equipment used by each partner.
 - c) Detailed breakdown of the responsibilities of each partner.
 - d) Explanation of how the profits and losses will be distributed.
 - e) Description of the bonding capacity of each partner.

- f) Management or incentive fees available for any one of the partners (if any).
- 4. Each Joint Venture partner shall perform a Commercially Useful Function. An SLBE or ELBE that relies on the resources and personnel of a non-SLBE or ELBE firm will not be deemed to perform a Commercially Useful Function.
- 5. Each Joint Venture partner shall possess licenses appropriate for the discipline for which a proposal is being submitted. If a Joint Venture is bidding on a single trade project, at the time of bid submittal, each Joint Venture partner shall possess the requisite specialty license for that trade bid.
- 6. The SLBE or ELBE partner shall clearly define the portion of the Work to be performed. This Work shall be of the similar type of Work the SLBE or ELBE partner performs in the normal course of its business. The Joint Venture Participation Form shall specify the Bid items to be performed by each individual Joint Venture partner. Lump sum Joint Venture participation shall not be acceptable.
- 7. Responsibilities of the SLBE or ELBE Joint Venture Partner:
 - a) The SLBE or ELBE partner shall share in the control, management responsibilities, risks and profits of the Joint Venture in proportion with the level of participation in the project.
 - b) The SLBE or ELBE partner shall perform Work that is commensurate with its experience.
 - c) The SLBE or ELBE partner shall use its own employees and equipment to perform its portion of the Work.
 - d) The Joint Venture as a whole shall perform Bid items that equal or exceed 50% of the Contract Price, excluding the cost of manufactured items, in order to be eligible for a Joint Venture discount.

F. MAINTAINING PARTICIPATION LEVELS.

- 1. Credit and preference points are earned based on the level of participation proposed prior to the award of the Contract. Once the Project begins you shall achieve and maintain the SLBE-ELBE participation levels for which credit and preference points were earned. You shall maintain the SLBE-ELBE percentages indicated at the Award of Contract and throughout the Contract Time.
- 2. If the City modifies the original Scope of Work, you shall make reasonable efforts to maintain the SLBE-ELBE participation for which creditor preference points were earned. If participation levels will be reduced, approval shall be received from the City prior to making changes.
- 3. You shall notify and obtain written approval from the City in advance of any reduction in subcontract scope, termination, or substitution for a designated SLBE-ELBE Subcontractor. Failure to do so shall constitute a material breach of the Contract.

4. If you fail to maintain the SLBE-ELBE participation listed at the time the Contract is awarded and have not received prior approval from the City, the City may declare you in default and will be considered grounds for debarment under Chapter 2, Article 2, Division 8, of the San Diego Municipal Code.

G. SUBCONTRACTING EFFORTS REVIEW AND EVALUATION.

1. Documentation of your subcontracting efforts will be reviewed by EOCP to verify that you made subcontracting opportunities available to a broad base of qualified Subcontractors, negotiated in good faith with interested Subcontractors, and did not reject any bid for unlawful discriminatory reasons. The EOCP review is based on the federal "Six Good Faith Efforts" model.
2. The GFEs are required methods to ensure that all ELBE and SLBE firms have had the opportunity to compete for the City's Public Works procurements. The Six Good Faith Efforts, also known as affirmative steps, attract and utilize ELBE and SLBE firms:
 - a) Ensure ELBE firms are made aware of contracting opportunities to the fullest extent practicable through outreach and recruitment activities.
 - b) Make information of forthcoming opportunities available to SLBE-ELBE firms and arrange time for Contracts and establish delivery schedules, where requirements permit, in a way that encourages and facilitates participation by SLBE-ELBE firms in the competitive process. This includes posting solicitations for Bids or proposals to SLBE-ELBE firms for a minimum of 10 Working Days before the Bid or Proposal due date.
 - c) Consider in the contracting process whether firms competing for large Contracts could subcontract with SLBE-ELBE firms.
 - d) Encourage contracting with a consortium of ELBE-SLBE firms when a Contract is too large for one of these firms to handle individually.
 - e) Use the services and assistance of the City's EOC Office and the SLBE-ELBE Directory.
 - f) If you award subcontracts, require your Subcontractors to take the steps listed above.

H. GOOD FAITH EFFORT DOCUMENTATION.

1. If the specified SLBE-ELBE Subcontractor participation percentages are not met, you shall submit information necessary to establish that adequate GFEs were taken to meet the Contract Subcontractor participation percentages. See the City's document titled "Small Local Business (SLBE) Program, INSTRUCTIONS FOR BIDDERS COMPLETING THE GOOD FAITH EFFORT SUBMITTAL." The instructions for completing the good faith effort submittal can be found on the City's website:

<https://www.sandiego.gov/sites/default/files/legacy/eoc/pdf/slbegfeinst.pdf>

I. SUBCONTRACTOR SUBSTITUTION.

1. Evidence of fraud or discrimination in the substitution of Subcontractors will result in sanctions including assessment of penalty fines, termination of Contract, or debarment. This section does not replace applicable California Public Contract Code.

J. FALSIFICATION OF SUB-AGREEMENT AND FRAUD.

1. Falsification or misrepresentation of a sub-agreement as to company name, Contract amount or actual Work performed by Subcontractors, or any falsification or fraud on the part your submission of documentation and forms pursuant to this program, will result in sanctions against you including assessment of penalty fines, termination of the Contract, or debarment. Instances of falsification or fraud which are indicative of an attempt by you to avoid subcontracting with certain categories of Subcontractors on the basis of race, gender, gender expression, gender identity, religion, national origin, ethnicity, sexual orientation, age, or disability shall be referred to the Equal Opportunity Contracting Program's Investigative Unit for possible violations of Article 2, Division 35 of the City Administrative Code, §§22.3501 et seq. (Nondiscrimination in Contracting).

K. RESOURCES.

1. The current list of certified SLBE-ELBE firms and information for completing the GFE submittal can be found on the City's EOC Department website:
<http://www.sandiego.gov/eoc/programs/slbe.shtml>
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ATTACHMENT D
PREVAILING WAGE

PREVAILING WAGE

1. **PREVAILING WAGE RATES:** Pursuant to San Diego Municipal Code section 22.3019, construction, alteration, demolition, repair and maintenance work performed under this Contract is subject to State prevailing wage laws. For construction work performed under this Contract cumulatively exceeding \$25,000 and for alteration, demolition, repair and maintenance work performed under this Contract cumulatively exceeding \$15,000, the Contractor and its subcontractors shall comply with State prevailing wage laws including, but not limited to, the requirements listed below.
 - 1.1. **Compliance with Prevailing Wage Requirements.** Pursuant to sections 1720 through 1861 of the California Labor Code, the Contractor and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.
 - 1.1.1. Copies of such prevailing rate of per diem wages are on file at the City and are available for inspection to any interested party on request. Copies of the prevailing rate of per diem wages also may be found at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Contractor and its subcontractors shall post a copy of the prevailing rate of per diem wages determination at each job site and shall make them available to any interested party upon request.
 - 1.1.2. The wage rates determined by the DIR refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, then the 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 DIR, 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.
 - 1.2. **Penalties for Violations.** Contractor and its subcontractors shall comply with California Labor Code section 1775 in the event a worker is paid less than the prevailing wage rate for the work or craft in which the worker is employed. This shall be in addition to any other applicable penalties allowed under Labor Code sections 1720 – 1861.

- 1.3. Payroll Records.** Contractor and its subcontractors shall comply with California Labor Code section 1776, which generally requires keeping accurate payroll records, verifying and certifying payroll records, and making them available for inspection. Contractor shall require its subcontractors to also comply with section 1776. Contractor and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Contractor is responsible for ensuring its subcontractors submit certified payroll records to the City.

 - 1.3.1.** Contractor and their subcontractors shall also furnish records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required by Labor Code section 1771.4.
- 1.4. Apprentices.** Contractor and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Contractor is held responsible for the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.
- 1.5. Working Hours.** Contractor and their subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on contractors and subcontractors of \$25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections 1810 through 1815.
- 1.6. Required Provisions for Subcontracts.** Contractor shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1771.1, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.
- 1.7. Labor Code Section 1861 Certification.** Contractor in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Contractor certifies that "I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract."
- 1.8. Labor Compliance Program.** The City has its own Labor Compliance Program authorized in August 2011 by the DIR. The City will withhold contract payments when payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred. For questions or assistance, please contact the City of San Diego's Prevailing Wage Unit at 858-627-3200.

- 1.9. Contractor and Subcontractor Registration Requirements.** This project is subject to compliance monitoring and enforcement by the DIR. A contractor or subcontractor shall not be qualified to bid on, be listed in a bid or proposal, subject to the requirements of section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.
- 1.9.1.** A Contractor's inadvertent error in listing a subcontractor who is not registered pursuant to Labor Code section 1725.5 in response to a solicitation shall not be grounds for filing a bid protest or grounds for considering the bid non-responsive provided that any of the following apply: (1) the subcontractor is registered prior to bid opening; (2) within twenty-four hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in Labor Code section 1725.5; or (3) the subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.
- 1.9.2.** By submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Contractor shall provide proof of registration for themselves and all listed subcontractors to the City at the time of bid or proposal due date or upon request.
- 1.10. Stop Order.** For Contractor or its subcontractors engaging in the performance of any public work contract without having been registered in violation of Labor Code sections 1725.5 or 1771.1, the Labor Commissioner shall issue and serve a stop order prohibiting the use of the unregistered contractors or unregistered subcontractor(s) on ALL public works until the unregistered contractor or unregistered subcontractor(s) is registered. Failure to observe a stop order is a misdemeanor.
- 1.11. List of all Subcontractors.** The Contractor shall provide the list of subcontractors (regardless of tier), along with their DIR registration numbers, utilized on this Contract prior to any work being performed; and the Contractor shall provide a complete list of all subcontractors with each invoice. Additionally, Contractor shall provide the City with a complete list of all subcontractors (regardless of tier) utilized on this contract within ten working days of the completion of the contract, along with their DIR registration numbers. The City shall withhold final payment to Construction Management Professional until at least thirty (30) days after this information is provided to the City.
- 1.12. Exemptions for Small Projects.** There are limited exemptions for installation, alteration, demolition, or repair work done on projects of \$25,000 or less. The Contractor shall still comply with Labor Code sections 1720 et. seq. The only recognized exemptions are listed below:

- 1.12.1.** Registration. The Contractor will not be required to register with the DIR for small projects. (Labor Code section 1771.1).
- 1.12.2.** Certified Payroll Records. The records required in Labor Code section 1776 shall be required to be kept and submitted to the City of San Diego, but will not be required to be submitted online with the DIR directly. The Contractor will need to keep those records for at least three years following the completion of the Contract. (Labor Code section 1771.4).
- 1.12.3.** List of all Subcontractors. The Contractor shall not be required to hire only registered subcontractors and is exempt from submitting the list of all subcontractors that is required in section 1.11 above. (Labor code section 1773.3).

ATTACHMENT E

SUPPLEMENTARY SPECIAL PROVISIONS

SUPPLEMENTARY SPECIAL PROVISIONS

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

1. The **2021 Edition** of the Standard Specifications for Public Works Construction (The "GREENBOOK").
2. The **2021 Edition** of the City of San Diego Standard Specifications for Public Works Construction (The "WHITEBOOK"), including the following:
 - a) General Provisions (A) for all Construction Contracts.

SECTION 1 – GENERAL, TERMS, DEFINITIONS, ABBREVIATIONS, UNITS OF MEASURE, AND SYMBOLS

- 1-2 TERMS AND DEFINITIONS.** To the "WHITEBOOK", item 55, "Normal Working Hours", ADD the following:

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

SECTION 2 - SCOPE OF THE WORK

- 2-5.1 GENERAL.** To the "GREENBOOK", ADD the following:

Contractor is required to provide submittal of equipment weight specification to validate calculation for utility relocation no later than 5 Working Days after the issuance of the Notice of Intent to Award.

SECTION 3 – CONTROL OF THE WORK

- 3-2 SELF-PERFORMANCE.** To the "GREENBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. You shall perform, with your own organization, Contract Work amounting to at least 50% of the base Bid.

- 3-8.7 Contractor's Quality Control Plan (QCP).** To the "WHITEBOOK", ADD the following:

7. The establishment and implementation of a Quality Control Plan (QCP), as defined in the standard specifications, shall be required for this Contract. See example in **Appendix F - Contractor's Daily Quality Control Inspection Report**.

3-9 TECHNICAL STUDIES AND SUBSURFACE DATA. To the "WHITEBOOK", ADD the following:

- 5. In preparation of the Contract Documents, the designer has relied upon the following reports of explorations and tests at the Work Site:
 - a) Potholing Final Report, by AirX Utility Surveyors, Inc., February 14, 2020
 - b) SDGE Potholing Report by AirX Utility Surveyors, Inc., June 9, 2022.
- 6. The reports listed above are available for review at the following link:

<https://drive.google.com/drive/folders/1ZXLjrtT5r0eJb71wca6qN6oeh0PEaVAq>

3-12.1 General. To the "WHITEBOOK", ADD the following:

- 3. You shall sweep all paved areas within the Work site and all paved haul routes as specified below:
 - a) Every Friday on a weekly basis.
 - b) 1 Working Day prior to each rain event.
 - c) As directed by the Engineer.

If these requirements would require you to sweep on a Holiday or Weekend, then you shall sweep the next available Working Day prior to that Holiday or Weekend.

3-12.7 Drinking Water Discharges Requirements. To the "WHITEBOOK", ADD the following:

- 1. You shall record the results for each discharge event on the City's Drinking Water Discharge Monitoring form included as **Appendix G - Monthly Drinking Water Discharge Monitoring Form.**

3-13.1 Completion. To the "WHITEBOOK", ADD the following:

- 2. Substantial Completion, in accordance with 3-13.1.1, "Requirements Before Requesting Substantial Completion", shall be completed in phases for this project as defined below:

Phase	Work Description
1	Wet utility work (relocations, replacement, protection, installation), curb ramps, sidewalks repairs, storm drain, inlets, and BMP's
2	FDR, highline, bus stop pads, cross gutters (demo and install), raising cover to finished grade (MHs, valves, monuments), AC paving, and traffic loops, striping

3.13.1.3 Project Phasing. To the "WHITEBOOK", ADD the following:

- 1. Contractor shall provide water highline and de-energize watermain prior to FDR operation.
- 2. FDR phasing shall not exceed 1200 feet. Cul-de sac and its adjacent road shall not be in the same phase.
- 3. Emergency access and local residential access shall be provided at all time.
- 4. Driveway access shall be restored during non-working hours.
- 5. Parking should be provided maximum 350 feet from each property.

SECTION 4 - CONTROL OF MATERIALS

4-6 TRADE NAMES. To the "WHITEBOOK", ADD the following:

- 11. You shall submit your list of proposed substitutions for an "equal" item **no later than 5 Working Days after the issuance of the Notice of Intent to Award** and on the City's Product Submittal Form available at:
<https://www.sandiego.gov/ecp/edocref/>

SECTION 5 – LEGAL RELATIONS AND RESPONSIBILITIES

5-4 INSURANCE. To the "GREENBOOK", DELETE in its entirety and SUBSTITUTE with the following:

5-4 INSURANCE.

- 1. The insurance provisions herein shall not be construed to limit your indemnity and defense duties set forth in the Contract.

5-4.1 Policies and Procedures.

- 1. You shall procure the insurance described below, at your 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 shall maintain this insurance as required by this Contract and at all times thereafter when you are correcting, removing, or replacing Work in accordance with this Contract. Your duties under the Contract, including your indemnity obligations, are not limited to the insurance coverage required by this Contract.
- 4. If you maintain broader coverage or higher limits than the minimums shown below, City requires and shall be entitled to the broader coverage or the higher

limits maintained by you. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to City.

5. Your payment for insurance shall be included in the Contract Price you bid. You are not entitled to any additional payment from the City to cover your insurance, unless the City specifically agrees to payment in writing. Do not begin any Work under this Contract or allow any Subcontractors to begin work, until you have provided, and the City has approved, all required insurance.
6. Policies of insurance shall provide that the City is entitled to 30 days advance written notice of cancellation or non-renewal of the policy or 10 days advance written notice for cancellation due to non-payment of premium. Maintenance of specified insurance coverage is a material element of the Contract. Your failure to maintain or renew coverage and to provide evidence of renewal during the term of the Contract may be treated by the City as a material breach of the Contract.

5-4.2 Types of Insurance.

5-4.2.1 General Liability Insurance.

1. Commercial General Liability Insurance shall 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 shall 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 shall be no endorsement or modification limiting the scope of coverage for either "insured vs. insured" claims or contractual liability. You shall maintain the same or equivalent insurance for at least 10 years following completion of the Work.
4. All costs of defense shall be outside the policy limits. Policy coverage shall 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	\$10,000,000
Products/Completed Operations Aggregate Limit	\$10,000,000
Personal Injury Limit	\$5,000,000
Each Occurrence	\$5,000,000

5-4.2.2 Commercial Automobile Liability Insurance.

1. You shall 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 shall be outside the limits of the policy.

5-4.2.3 Workers’ Compensation Insurance and Employers Liability Insurance.

1. In accordance with the provisions of California Labor Code section 3700, you shall 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 this requirement.
2. Statutory Limits shall be provided for Workers’ Compensation Insurance as required by the state of California, and Employer’s Liability Insurance with limits of no less than \$1,000,000 per accident for bodily injury or disease.
3. By signing and returning the Contract, you certify that you are aware of the provisions of California’s Workers’ Compensation laws, including Labor Code section 3700, which requires every employer to be insured against liability for workers’ compensation or to undertake self-insurance, and that you will comply with these provisions before commencing the Work.

5-4.2.8 Architects and Engineers Professional Insurance (Errors and Omissions Insurance).

1. For Contracts with required engineering services, including Design-Build and preparation of engineered Traffic Control Plans (TCP) by you, you shall keep or require all of your employees and Subcontractors, who provide professional engineering services under Contract, to provide to the City proof of Professional Liability coverage with a limit of no less than **\$1,000,000** per claim and **\$2,000,000** aggregate per policy period of one year.
2. You shall ensure the following:
 - a) The policy retroactive date is on or before the date of commencement of the Project.
 - b) The policy will be maintained in force for a period of three years after completion of the Project or termination of the Contract, whichever occurs last. You agree that, for the time period specified above, there will be no changes or endorsements to the policy that affect the specified coverage.
3. If professional engineering services are to be provided solely by the Subcontractor, you shall:
 - a) Certify this to the City in writing, and

- b) Agree in writing to require the Subcontractor to procure Professional Liability coverage in accordance with the requirements set forth here.

5-4.3 Rating Requirements. Except for the State Compensation Insurance Fund, all insurance required by this Contract shall 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 of California, and that have been approved by the City.

5-4.3.1 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 of California and is included on the List of Approved Surplus Lines Insurers (LASLI list).

All policies of insurance carried by non-admitted carriers shall be subject to all of the requirements for policies of insurance provided by admitted carriers described in this Contract.

5-4.4 Evidence of Insurance. You shall furnish the City with original Certificates of Insurance, including all required amendatory endorsements (or copies of the applicable policy language effecting coverage required by this clause), prior to your commencement of Work under this Contract. In addition, The City reserves the right to require complete, certified copies of all required insurance policies, including endorsements, required by these specifications, at any time.

5-4.5 Policy Endorsements.

5-4.5.1 Commercial General Liability Insurance.

5-4.5.1.1 Additional Insured. To the fullest extent permitted by law and consistent with the limiting provisions set forth at California Civil Code section 2782, California Insurance Code section 11580.04, and any applicable successor statutes limiting indemnification of public agencies that bind the City, the policy or policies shall be endorsed to include as an Additional Insured the City and its respective elected officials, officers, employees, agents, and representatives, with respect to liability arising out of:

- i. Ongoing operations performed by you or on your behalf,
- ii. your products,
- iii. your work, e.g., your completed operations performed by you or on your behalf, or
- iv. premises owned, leased, controlled, or used by you.

5-4.5.1.2 Primary and Non-Contributory Coverage. The policy shall 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 shall provide that any insurance maintained by the City and its elected officials,

officers, employees, agents and representatives shall be in excess of your insurance and shall not contribute to it.

5-4.5.1.3 Project General Aggregate Limit. The policy or policies shall 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 shall reduce the Designated Construction Project General Aggregate Limit. The Designated Construction Project General Aggregate Limit shall be in addition to the aggregate limit provided for the products-completed operations hazard.

5-4.5.2 Workers' Compensation Insurance and Employers Liability Insurance.

5-4.5.2.1 Waiver of Subrogation. The policy or policies shall 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.

5-4.6 Deductibles and Self-Insured Retentions. You shall disclose deductibles and self-insured retentions to the City at the time the evidence of insurance is provided. The City may require you to purchase coverage with a lower retention or provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or City.

5-4.7 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.

5-4.8 Notice of Changes to Insurance. You shall notify the City, in writing, 30 days prior to any material change to the policies of insurance provided under this Contract. This written notice is in addition to the requirements of paragraph 8 of Section 5-4.1. Policies of insurance shall provide that the City is entitled to 30 days advance written notice of cancellation or non-renewal of the policy or 10 days advance written notice for cancellation due to non-payment of premium. Maintenance of specified insurance coverage is a material element of the Contract. Your failure to maintain or renew coverage and to provide evidence of renewal during the term of the Contract may be treated by the City as a material breach of the Contract.

5-4.9 Excess Insurance. Policies providing excess coverage shall follow the form of the primary policy or policies, including, all endorsements.

ADD:

5-10.1.3 Weekly Updates Recipients.

1. Submit a weekly correspondence with updates, traffic control issues and locations, lane closures, and any other pertinent information (with additional contact names given during award process) to the following recipients:
Mastaneh Ashrafzadeh, Senior Engineer, mashrafzadeh@sandiego.gov
Chan Chun Yu , Project Manager, Chanc@sandiego.gov
Resident Engineer, TBA, XXX@sandiego.gov

5-10.3 Exclusive Community Liaison Services. To the "WHITEBOOK", ADD the following:

2. You shall retain an Exclusive Community Liaison for the Project that shall implement Work in accordance with the specifications described in 5-10.2 "Community Outreach Services" and 5-10.3 "Exclusive Community Liaison Services".

ADD

5-15.18 Working Hours Restriction.

5-15.18 General. The Contractor shall assume that work may not be performed when the work restrictions are in effect. The following date and time restrictions apply to this project.

The Contractor shall verify the most current time restrictions with the City Engineer prior to start of any phase of work subject to the restrictions. Additionally, the Contractor shall coordinate with the City Engineer to establish the vicinity around each school within which the work restrictions apply

5-15.18.1 Date Restrictions. Work restrictions apply on all dates that school is in session. School is in session on all dates except the following general time periods. Schools that are under San Diego Unified School District are: 1-Wangenheim Middle School, 2-Mason Elementary School and 3-Jonas Salk Elementary School. Refer to https://www.sandiegounified.org/academics/academic_calendars.

5-15.18.2 Time Restrictions.

- a) You shall make provisions to allow emergency vehicle access to residents at all times
- b) At least one commercial driveway access shall remain open during operation hours, or with approval of business owner for other times.
- c) Road closures shall be planned around weekly trash pickup and mailing service

The specific times for these restrictions are subject to change in the vicinity of school. Work time restrictions vary by school and day of week. Work time restrictions apply on any day that school is in session. The work restrictions for each school will be in place during the following general times.

- (a) Wangenheim Middle School
 - 1. Between 7:00am and 7:30 am Monday through Friday
 - 2. Between 2:00 pm and 2:45 pm Monday through Friday
- (b) Mason Elementary School
 - 1. Between 7:20am and 8:20 am Monday through Friday
 - 2. Between 1:50 pm and 2:50 pm Monday, Tuesday, Wednesday, and Friday
 - 3. Between 12:15 pm and 12:45 pm Thursday
- (c) Jonas Salk Elementary School
 - 1. Between 7:00 am and 8:00 am Monday through Friday
 - 2. Between 1:50 pm and 2:30 pm Monday, Tuesday, Wednesday, and Friday
 - 3. Between 11:45 am and 12:45 pm Thursday

SECTION 6 – PROSECUTION AND PROGRESS OF THE WORK

6-1.1 Construction Schedule. To the “WHITEBOOK”, ADD the following:

- 3. Refer to the Sample City Invoice materials in **Appendix D – Sample City Invoice with Cash Flow Forecast** and use the format shown.
- 4. The **90 Calendar Day** Plant Establishment Period is included in the stipulated Contract Time and shall begin with the acceptance of installation of the vegetation plan in accordance with Section 801-6, “MAINTENANCE AND PLANT ESTABLISHMENT”.
- 5. City reserves the right to change the identified sequence of work, see attached **Appendix M – Sequence of Work**, prior to NTP and/or with 2 weeks advance notice post NTP at no cost to the City. And contractor shall revise schedule accordingly.

6-1.5.3 Payment. To the “WHITEBOOK”, ADD the following:

- 1. The bid item “**Delay Due to Utility Relocation**” shall include full compensation for an extension of working days of the Contract Time, including but not limited to, cost of equipment rental, overhead, demobilization, remobilization, extension of bond & insurance and Extra Work or delays attributable to utility or substructure relocations.

ADD:

6-6.1.1 Environmental Document.

- 1. The City of San Diego has prepared a **Notice of Exemption** for **Street Reconstruction Group 1801**, Project No. **B-17188.02.06**, as referenced in the Contract Appendix. You shall comply with all requirements of the **Notice of Exemption** as set forth in **Appendix A**.

2. Compliance with the City's environmental document shall be included in the Contract Price, unless separate bid items have been provided.

SECTION 7 - MEASUREMENT AND PAYMENT

7-3.1 General. To the "WHITEBOOK", ADD the following:

3. The payment for furnishing, installation, removing, reinstalling signs and post, new signs and new posts, as shown on the Plans or as directed by the Engineer, in conformance with these Special Provisions shall be included in the Bid item **"Remove and Relocate Existing Sign and Post"**.

7-3.11 Compensation Adjustments for Price Index Fluctuations. To the "WHITEBOOK", ADD the following:

5. This Contract is subject to the provisions of The "WHITEBOOK" for Compensation Adjustments for Price Index Fluctuations for paving asphalt.

SECTION 209 - PRESSURE PIPE

209-1.1.1 General. To the "WHITEBOOK", ADD the following:

2. PVC products, specifically type C900 and C905, as manufactured or distributed by J-M Manufacturing Company or JM Eagle shall not be used on the Contract for pressurized pipe.
3. Refer to AWWA C900-16 for all references to AWWA C905.

SECTION 300 - EARTHWORK

300-1.1 General. To the "WHITEBOOK", ADD the following:

10. Prior to submittal of a Bid for this Work, the Contractor shall inspect the project site to verify the magnitude and cost of all Clearing and Grubbing required to accomplish the Work. Clearing and Grubbing shall also include saw cutting, demolition, removal and disposal of all existing improvements (up to 36 inches in depth) including, but not limited to, soil, pavement (Asphalt Concrete, Cement Treated Base, Portland Cement Concrete, Unclassified Materials), sidewalk, curb ramps, cross gutter, curb and gutter, fence and post removal and disposal where identified, vegetation, irrigation, tree trimming, tree removal, and all other existing improvements that are shown on the plans for removal or are in conflict with the installation of work shown on the plans, directed by the Resident Engineer to be removed, or otherwise required to perform the work which are not designated as separate bid items or which are not included in other bid items.

300-1.4 Payment. To the "WHITEBOOK", ADD the following:

3. Payment for clearing and grubbing shall be made at the contract lump sum price for **"Clearing and Grubbing"** and shall include full compensation for all clearing and grubbing work within the Project Site. No other payments shall be made therefor.

Payment for preservation of property shall be included in the contract lump sum price for "**Clearing and Grubbing**". No other payments shall be made therefor.

SECTION 303 – CONCRETE AND MASONRY CONSTRUCTION

303-1.12 **Payment.** To the "GREENBOOK", ADD the following:

Payment for the installation of the new inlets includes the removal of the existing inlets.

Payment for the installation of the new Box Culvert includes having D-3000

Payment for the installation of the 18" RCP includes having D-3000 when the vertical coverage is 3' or less

SECTION 306 – OPEN TRENCH CONDUIT CONSTRUCTION

ADD:

306-1.1

High-line Phasing.

1. Build the Project in accordance with the water high-lining phasing shown on **Appendix M - Sequence of Work.**

306-7.8.2.1

General. To the "WHITEBOOK", item 2, DELETE in its entirety and SUBSTITUTE with the following:

2. Pressure testing of pipe and fittings at the lowest elevation shall be performed at 150% of the specified test pressure and no less than 100% of the specified test pressure at the highest elevation.
 - a) Specified test pressure for Class 235 pipe shall be 150 psi and is tested at 225 psi.
 - b) Specified test pressure for Class 305 pipe shall be 200 psi and is tested at 300 psi.

SECTION 402 – UTILITIES

402-2

PROTECTION. To the "WHITEBOOK", item 2, ADD the following:

- g) Refer to **Appendix K - Advanced Metering Infrastructure (AMI) Device Protection** for more information on the protection of AMI devices.

402-6

COOPERATION. To the "WHITEBOOK", DELETE in its entirety and SUBSTITUTE with the following:

1. Notify SDG&E at least **15 Working Days** prior to excavating within 10 feet of SDG&E Underground High Voltage Transmission Power Lines (69 KV and higher).

2. The Construction schedule shall account for utility relocation activities. You shall coordinate with the utility companies for the relocation. Details regarding the utilities and point of contact for utility companies are described in detail in the table below:

Utility	Contact	Lead Time
SDG&E	Shaun McMahon (619) 681-4340 smcmahon@sdge.com Joshua Plascencia JPlascen@sdge.com Dennis Gershoff DGerschoffer@sdge.com	Immediately/ 48 Hours
AT&T	Judi Villacruz-Brandt (858) 886-1910 jv3696@att.com	Within 48 Hours
COX	Dave Morgan (760-429-3099) david.morgan2@cox.com Charles Sullivan 619-208-7259 charles.sullivan3@cox.com	Immediately
CHARTER	Matt Rivers (858) 652-2060 Matthew.Rivers@charter.com	Within 48 Hours
CENTURYLINK	Eric Shepard eric.shepard@centurylink.com Mobile: 858-221-3934 For relocation: relocations@centurylink.com	Immediately/ 48 Hours
MTS	Lewis J. Carter (619) 843-6256 lewis.carter@sdmts.com	1 week

402-7.1 Support for Existing Water Mains. To the "WHITEBOOK", ADD the following:

2. Maximum construction vehicle and equipment loading criteria over the existing PVC and AC water and AC storm drain lines are included **Appendix J - Pipe Allowable External Load Table.**
3. Prior to construction, Contractor shall provide calculations showing maximum load expected to be transferred to pipes with proposed FDR equipment. If anticipated loads are greater than those shown in the table, Contractor shall provide for review and approval of the Designer proposed remediation methods that ensure safety of the utility during construction. This includes but

is not limited to trench plating or other methods of spreading loads beyond the width of the pipe, hand digging, or other general methods of reducing loads to existing pipes. Calculations shall be signed and stamped by a registered Civil, Structural, or Geotechnical engineer. The payment for providing such calculations shall be included in the Contract Price.

- (a) If trench plate remediation option is chosen, the Contractor to follow the requirements in Section 5-7.8 "Steel Plate Covers" with the exception that steel plates are to be designed for construction equipment loads being used or HS-20-44 truck loading, whichever greater. Table 5-7.8.2 to only be used if HS 20-44 is found to be greater.

**SECTION 403 - MANHOLE, SURVEY MONUMENT, AND GATE VALVE FRAMES AND COVERS
ADJUSTMENT AND RECONSTRUCTION**

403-5 **PAYMENT.** To the "WHITEBOOK", ADD the following:

- 4. Payment for adjusting existing water meter box frame and cover to grade shall be made at the contract unit price for "**Adjust Existing Water Meter Box Frame And Cover To Grade**".

SECTION 701 - CONSTRUCTION

701-2 **PAYMENT.** To the "WHITEBOOK", ADD the following:

- 6. The payment for furnishing and installing pedestrian push button, post, and any electrical components to the traffic signal system shall be included in the Bid item for each "**New Pedestrian Push Button Post**".

SECTION 800 - MATERIALS

800-1.2.5 **Mulch.** To the "WHITEBOOK", item 3, subsection "i", ADD the following:

Type 9 Mulch shall be 2 inches maximum in size.

SECTION 1001 - CONSTRUCTION BEST MANAGEMENT PRACTICES (BMPs)

1001-1 **GENERAL.** To the "WHITEBOOK", ADD the following:

- 8. Based on a preliminary assessment by the City, this Contract is subject to **SWPPP**.

1001-2.10 **BMP Inspection, Maintenance, and Repair.** To the "WHITEBOOK", ADD the following:

- 5. Maintenance activities shall be documented by the QSP or QSD in the Construction BMP Maintenance Log for projects subject to SWPPP requirements. See **Appendix L - SWPPP Construction BMP Maintenance Log**.

SECTION 1002 – PERMANENT BEST MANAGEMENT PRACTICES (BMPs)

**ADD:
1002-9**

PAYMENT. The contract unit price paid measured in accordance with the units indicated in the bid schedule for **(MWS-L-8-24-C-HC Or Approved Equal_BMP-1), (MWS-L-8-24-V Or Approved Equal_BMP-2 UNIT A), (MWS-L-8-24-V Or Approved Equal_BMP-2 UNIT B), (MWS-L-8-24-V Or Approved Equal_BMP-3 UNIT A), (MWS-L-8-24-V Or Approved Equal_BMP-3 UNIT B)**, shall include full compensation for furnishing all labor, materials, tools, equipment, transportation, reconstructing curb and gutter, installation of underdrain cleanouts and outlet pipes, irrigation pipe relocation if need, appurtenant items, and incidentals for constructing and installing a full functional Modular Wetland Systems to the satisfaction of the City per the manufacturer specifications, plans and specifications and as directed by Engineer and no additional compensation will be allowed therefore.

SUPPLEMENTARY SPECIAL PROVISIONS
APPENDICES

APPENDIX A
NOTICE OF EXEMPTION

NOTICE OF EXEMPTION

(Check one or both)

TO: Recorder/County Clerk
P.O. Box 1750, MS A-33
1600 Pacific Hwy, Room 260
San Diego, CA 92101-2400

FROM: City of San Diego
Engineering & Capital Projects Department
525 B Street, Suite 750, MS 908A
San Diego, CA 92101

Office of Planning and Research
1400 Tenth Street, Room 121
Sacramento, CA 95814

Project Name: Street Reconstruction Group 1801

Project No. / WBS No.: B-17188.02.06

Project Location-Specific: Along Gold Coast Dr. from Thanksgiving Ln. to Camino Ruiz; along San Ramon Dr. between Gold Coast Dr. and Covina St.; along Westonhill Dr. between Pagoda Way and Gold Coast Dr.; along Westchester Avenue between Woodlawn Dr. and Gold Coast Dr.; and along Parkdale Ave. from Northrup Dr. to Mira Mesa Blvd.; within the Mira Mesa Community Planning Area and Council District 6.

Project Location-City/County: San Diego/San Diego

Description of nature and purpose of the Project: The project involves pavement reconstruction utilizing the full depth reclamation method and slurry seal, replacing traffic signal detection loops and stub outs, adjustment of city manholes and gate valve covers, installation of curb ramps to meet ADA requirements, installation of pedestrian barricades at prohibited crossing movements, installation of bus pads, replacing damaged sidewalks, curbs, gutters, cross gutters, traffic striping/markings, signs and legends, installation of storm drain pipes, cleanouts and inlets, and installation of modular wetland systems within project drainage management area in order to meet the current storm water treatment requirements.

Name of Public Agency Approving Project: City of San Diego

Name of Person or Agency Carrying Out Project: Peter Fogec, Senior Planner (OCA), 525 B Street, suite 750, San Diego, CA 92101, (619) 533-5118.

Exempt Status: (CHECK ONE)

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269 (b)(c))
- Categorical Exemption: 15301 (Existing Facilities), 15302 (Replacement or Reconstruction) and 15303 (New facilities of Small Structures)
- Statutory Exemptions:

Reasons why project is exempt: The City of San Diego conducted an environmental review which determined that the project meets the categorical exemption criteria set forth in CEQA State Guidelines, Sections 15301(c) which allows for the repair, maintenance of existing public structures such as existing streets, sidewalks, gutters (street repairs and adjustment of city manholes and gate valve covers); 15302(c) which allows for the replacement or reconstruction of existing facilities (pavement reconstruction, replacing traffic signal detection loops, stub outs, sidewalks, curbs, gutters, cross gutters, traffic striping/markings, signs, and legends); 15303(d) which allows for the construction and location of limited number of new small structures such as street improvements and utility extensions (installation of curb ramps to meet ADA requirements, installation of pedestrian barricades, installation

of bus pads, storm drain pipes, cleanouts, inlets, and modular wetland systems); and where the exceptions listed in Section 15300.2 would not apply.

Lead Agency Contact Person: Peter Fogec, Senior Planner (OCA)

Telephone: (619) 533-5118

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



Carrie Purcell, Assistant Deputy Director

9/23/20

Date

Check One:

- (X) Signed By Lead Agency
() Signed by Applicant

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	PAGE 100FF 10	EFFECTIVE DATE
FIRE HYDRANT METER PROGRAM (FORMERLY) CONSTRUCTION METER PROGRAM)		October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

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

Water Department Director

- 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, Misting 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>	T.B.	G.B. (CITY USE)
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:	
<small>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</small>			

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 WITH CASH FLOW FORECAST

WBS #:	B18108
Date Submitted:	10/10/2018
NTP Date:	3/23/2018
Final Statement of WD Date:	5/23/2020
Contract #:	K-XX-XXXX-XXX-X
Contract Amount:	\$5,617,000

Construction Cash Flow Forecast
 "Sewer and Water Group Job 965 (W)"

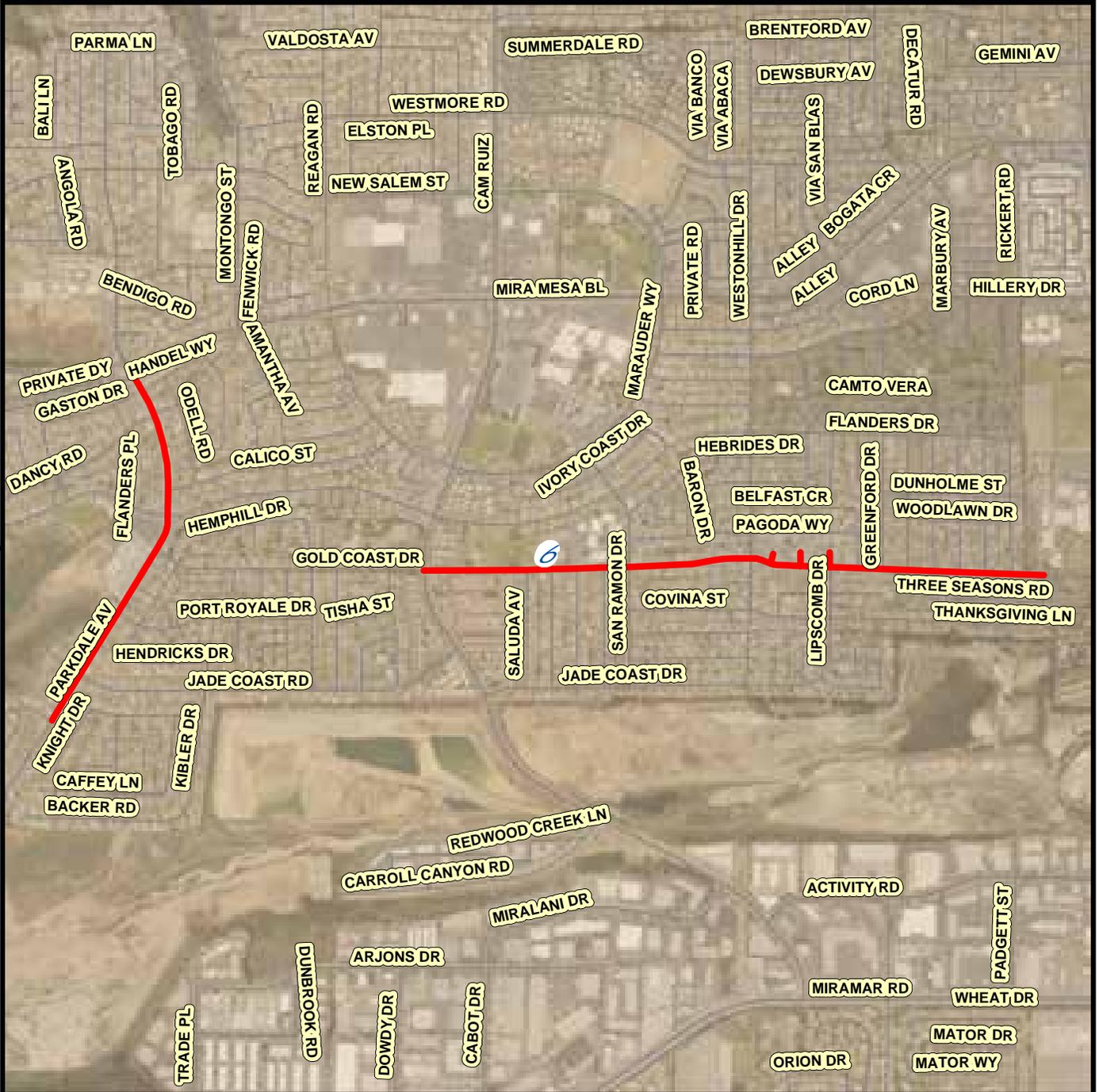
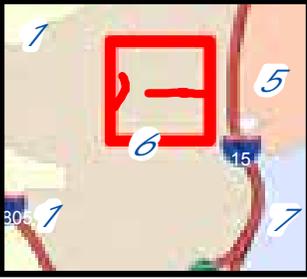
Year	January	February	March	April	May	June	July	August	September	October	November	December
2018				15,000	25,000	52,000	52,000	100,000	10,000	100,000	100,000	100,000
2019	10,000	10,000	85,000	58,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000	1,000,000
2020	100,000	100,000	100,000	1,000,000	1,000,000							
2021												
2022												
2023												
2024												
2025												

SAMPLE REFERENCE

APPENDIX E
LOCATION MAP

STREET RECONSTRUCTION 1801

SENIOR ENGINEER Mastaneh Ashrafzadeh 619-533-3781	PROJECT MANAGER Chun Yu Chan 619-533-7416	PROJECT ENGINEER Hossai Sherzai 619-533-3412	FOR QUESTIONS ABOUT THIS PROJECT Call: 619-533-4207 Email: engineering@sandiego.gov
---	---	--	---



Legend

Street Reconstruction 1801



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APPENDIX F

CONTRACTOR'S DAILY QUALITY CONTROL INSPECTION REPORT

City of San Diego
Rubber Polymer Modified Slurry
Contractor's Daily Quality Control Inspection Report

Project Title: _____ Date: _____

Ambient Temperature (Start of Work): _____ Time: _____

Environmental Considerations: _____

Locations (Address Range/Cross Streets):

1. _____
2. _____
3. _____

Approved Mix Design: _____

Material Suppliers: _____

RPMS Type(s): _____

Slurry Machine #'s: _____

Estimated Cure Time (Break) of Slurry: _____

Pre-Mix (Per 100 Counts)

Gate Setting/Emulsion %: _____

Aggregate Weight: _____

Cement % (by weight of aggregate): _____

Crumb Rubber % (by volume of cement): _____

Machine Inspection

Leaks: _____

Sprayers: _____

Emulsion Filter: _____

Carbon Black: _____

Spreader Box Inspection

Cleanliness: _____

Augers: _____

Rubbers: _____

Fabric: _____

Runners: _____

City of San Diego
Rubber Polymer Modified Slurry
Contractor's Daily Quality Control Inspection Report

Project Conditions

Crack Fill: _____

Asphalt Deficiencies: _____

Cleanliness: _____

Impediments/Other: _____

Communication to Client/ Resident Engineer

Crack Fill: _____

Asphalt Deficiencies: _____

Cleanliness: _____

Impediments/Other: _____

Test Lab

Tech: _____ Time on Site: _____

Notes

QCP Administrator Signature:

Date Signed:

Appendix F

City of San Diego
Asphalt Concrete Overlay
Contractor's Daily Quality Control Inspection Report

Project Title: _____ Date: _____

Locations: 1. _____
2. _____
3. _____

Asphalt Mix Specification: Attached Supplier: _____

Dig out Locations: 1. _____
2. _____
3. _____

Tack Coat Application Rate @ Locations:
1. _____
2. _____
3. _____

Asphalt Temperature at Placement @ Locations:
1. _____
2. _____
3. _____

Asphalt Depth @Locations:
1. _____
2. _____
3. _____

Compaction Test Result @Locations:
1. _____
2. _____
3. _____

Location and nature of defects:

- 1. _____
- 2. _____
- 3. _____

Remedial and Corrective Actions taken or proposed for Engineer's approval:

- 1. _____
- 2. _____
- 3. _____

Date's City Laboratory representative was present:

- 1. _____
- 2. _____
- 3. _____

Verified the following:

- 1. Proper Storage of Materials & Equipment
- 2. Proper Operation of Equipment
- 3. Adherence to Plans and Specs
- 4. Review of QC Tests
- 5. Safety Inspection

Initials:

- _____
- _____
- _____
- _____
- _____

Deviations from QCP _____ (see attached)

Quality Control Plan Administrator's Signature:

Date Signed:

APPENDIX G

MONTHLY DRINKING WATER DISCHARGE MONITORING FORM

DRINKING WATER DISCHARGE MONITORING FORM

(Use for All Discharges to the Storm Drain)

All discharge activities related to this project comply with the State Water Resources Control Board ORDER WQ 2014-0194-DWQ, STATEWIDE GENERAL NPDES PERMIT FOR DRINKING WATER SYSTEMS DISCHARGES as referenced by (http://www.waterboards.ca.gov/water_issues/programs/npdes/docs/drinkingwater/final_statewide_wqo2014_0194_dwq.pdf), and as follows:

Project Name:		WBS No.:		Watershed No.	
Qualified Person Conducting Tests:		signature			

BMPs MUST BE IN PLACE PRIOR TO ANY SCHEDULED DISCHARGE

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

Event #1												
Discharge Location ¹	Category ² (Select one)	Notification ³ (Select all that apply)	BMPs in Place ⁴ (Select all that apply)	Volume ⁵ (gal)	Sampling ⁶ (take samples at 10 mins, 50-60 mins & last 10 mins)				Exceedence ⁷			Notes <small>Report exceedence to RE & complete page 2 of 2</small>
					Measure	Unit	Time	Result	Limit	No	Yes	
Inlet Location Start Date: Time: End Date: Time:	<input type="checkbox"/> Superchlorinated <small>(Chlorine added for disinfection)</small>	<input type="checkbox"/> TSW <small>(All Categories)</small>	<input type="checkbox"/> Sweep flow path <small>(gutter, street, etc.)</small>	Total	Chlorine	mg/L			0.1 mg/L= Exceedance			
	<input type="checkbox"/> Large Volume <small>(≥ 325,850 gal)</small>	<input type="checkbox"/> PUD <small>(All Categories)</small>	<input type="checkbox"/> Dechlorination <small>(diffusers, chemicals, etc.)</small>									
	<input type="checkbox"/> Well Dev/Rehab <small>(Not Typical)</small>	<input type="checkbox"/> Water Board <small>(Large Volume Only)</small>	<input type="checkbox"/> Inlet Protection		Turbidity	NTU			20 NTU= Exceedance 225 NTU= Exceedance for Ocean			
	<input type="checkbox"/> Small Volume/Other <small>(No Sampling Required)</small>	<input type="checkbox"/> County <small>(≥100,000 gal & within ¼ mile of ocean/bay; or if enters the County's MS4)</small>	<input type="checkbox"/> Erosion Controls									
		<input type="checkbox"/> Sediment Controls										

Event #2												
Discharge Location ¹	Category ² (Select one)	Notification ³ (Select all that apply)	BMPs in Place ⁴ (Select all that apply)	Volume ⁵ (gal)	Sampling ⁶ (take samples at 10 mins, 50-60 mins & last 10 mins)				Exceedence ⁷			Notes <small>Report exceedence to RE & complete page 2 of 2</small>
					Measure	Unit	Time	Result	Limit	No	Yes	
Inlet Location Start Date: Time: End Date: Time:	<input type="checkbox"/> Superchlorinated <small>(Chlorine added for disinfection)</small>	<input type="checkbox"/> TSW <small>(All Categories)</small>	<input type="checkbox"/> Sweep flow path <small>(gutter, street, etc.)</small>	Total	Chlorine	mg/L			0.1 mg/L= Exceedance			
	<input type="checkbox"/> Large Volume <small>(≥ 325,850 gal)</small>	<input type="checkbox"/> PUD <small>(All Categories)</small>	<input type="checkbox"/> Dechlorination <small>(diffusers, chemicals, etc.)</small>									
	<input type="checkbox"/> Well Dev/Rehab <small>(Not Typical)</small>	<input type="checkbox"/> Water Board <small>(Large Volume Only)</small>	<input type="checkbox"/> Inlet Protection		Turbidity	NTU			20 NTU= Exceedance 225 NTU= Exceedance for Ocean			
	<input type="checkbox"/> Small Volume/Other <small>(No Sampling Required)</small>	<input type="checkbox"/> County <small>(≥100,000 gal & within ¼ mile of ocean/bay; or if enters the County's MS4)</small>	<input type="checkbox"/> Erosion Controls									
		<input type="checkbox"/> Sediment Controls										

Instructional Notes found on the Page 2 of 2

Submit completed Form to RE

Receiving Water Monitoring

(Complete only if limits exceed on Page 1 of 2)

Event #1	
1) Go to the location where the discharge enters the receiving water.	
<input type="checkbox"/> Accessible <input type="checkbox"/> Unable to Determine <input type="checkbox"/> No Safe Access	
2) If accessible, take photos and complete the visual monitoring below. If unable to determine, stop here. If no safe access, stop here.	
3) Visual Monitoring: Is the discharge into the receiving water...	
...causing erosion	<input type="checkbox"/> Yes <input type="checkbox"/> No
...carrying floating or suspended matter	<input type="checkbox"/> Yes <input type="checkbox"/> No
...causing discoloration	<input type="checkbox"/> Yes <input type="checkbox"/> No
...causing and impact to the aquatic life present	<input type="checkbox"/> Yes <input type="checkbox"/> No
...observed with visible film	<input type="checkbox"/> Yes <input type="checkbox"/> No
...observed with an sheen or coating	<input type="checkbox"/> Yes <input type="checkbox"/> No
...causing potential nuisance conditions	<input type="checkbox"/> Yes <input type="checkbox"/> No
3) If all answers are NO, stop here.	
4) If any answers are YES, Notify the RE immediately for further action	

Event #2	
1) Go to the location where the discharge enters the receiving water.	
<input type="checkbox"/> Accessible <input type="checkbox"/> Unable to Determine <input type="checkbox"/> No Safe Access	
2) If accessible, take photos and complete the visual monitoring below. If unable to determine, stop here. If no safe access, stop here.	
3) Visual Monitoring: Is the discharge into the receiving water...	
...causing erosion	<input type="checkbox"/> Yes <input type="checkbox"/> No
...carrying floating or suspended matter	<input type="checkbox"/> Yes <input type="checkbox"/> No
...causing discoloration	<input type="checkbox"/> Yes <input type="checkbox"/> No
...causing and impact to the aquatic life present	<input type="checkbox"/> Yes <input type="checkbox"/> No
...observed with visible film	<input type="checkbox"/> Yes <input type="checkbox"/> No
...observed with an sheen or coating	<input type="checkbox"/> Yes <input type="checkbox"/> No
...causing potential nuisance conditions	<input type="checkbox"/> Yes <input type="checkbox"/> No
3) If all answers are NO, stop here.	
4) If any answers are YES, Notify the RE immediately for further action	

Instructional Notes

- 1) Log the location of the inlet or discharge point. For example: Albatross St & 5th Av. Log the start date and time and the end date and time of the discharge.
- 2) Log the discharge category. "Superchlorinated" are discharges where additional chlorine is added in order to adequately disinfect and sanitize drinking water system facilities. This does NOT include potable water containing residual chlorine from the water treatment process. "Large Volume" discharges are greater than 325,850 gallons of total volume for one event. "Well Dev/Rehab" are discharges of potable ground water from a well. This is not typical. If none of these categories apply, then select "Small Volume/Other."
- 3) Notifications of the location, date, time, category, and estimated volume of discharge must be made to the contacts and per the requirements below:

Contact	When to Notify	Email
TSW	3 days prior to all discharges	SWPPP@SanDiego.gov
PUD	3 days prior to all discharges	CompReports@SanDiego.gov Rdavenport@SanDiego.gov
San Diego Water Board	3 days prior to Large Volume discharges	SanDiego@WaterBoards.ca.gov Ben.Neill@WaterBoards.ca.gov
County of San Diego	3 days prior if 100,000 gal and within 1/4 mile of ocean/bay	DEH: Joseph.Palmer@SDCounty.ca.gov Dominique.Edwards@SDCounty.ca.gov
	3 days prior if enter county MS4 or unincorporated County	WPP: Nicholas.DeValle@SDCounty.ca.gov LUEG.Watersheds@sdcounty.ca.gov

- 4) At a minimum, sweep gutters prior to starting discharge and use dechlorination BMPs. The contractor and RE must monitor and determine if BMPs need to be removed or modified. For example if inlet protection is causing flooding at a storm drain inlet, contractor may elect to remove BMPs. Document any modification to BMPs in the notes
- 5) Total volume must be logged for all discharges. If discharge water is reused for other purposes such as watering a golf course, log that volume under "Reused"
- 6) Sampling is required for categories per the following table:

Category	Measure	Sample Frequency
Superchlorinated	Chlorine, Turbidity, pH	first 10 min, 50-60 min, last 10 min
Large Volume	Chlorine Turbidity	first 10 min, 50-60 min, last 10 min
Well Dev/Rehab	Chlorine Turbidity	first 10 min, 50-60 min, last 10 min
Small Volume/Other	None required	N/A

- 7) Effluent limitations must be monitored not to exceed per the following table:

Measure	Method	Limit
Chlorine	Field Measure	0.10 mg/L-Cl
Turbidity	Visual Estimate	20 NTU for inland waters
		225 NTU for ocean 100 NTU for wells
pH	Field Measure	6.5 - 8.5

APPENDIX H
FDR CONSTRUCTION SPECIFICATIONS

Construction Specification for Full-Depth Reclamation "Street Reconstruction 1801"

1. GENERAL

The contractor shall notify all affected residents and business owners at least two (2) weeks prior to the start of the Full Depth Reclamation (FDR) work. The FDR work involves the construction of improvements in residential areas, so work must be phased out to create the least amount of disruption as possible.

The Contractor shall pothole all existing utilities (per each utility standard) prior to the commencement of the Full Depth Reclamation work. Utilities shown on the plan are approximate locations only and must be field verified by the Contractor. No compensation shall be paid to the Contractor for expenses incurred for repairing or replacing any utilities (e.g., water, gas, electric, telephone, etc.) damaged during the course of work. Location and depth of gas mains and services involved in the street and subbase work shall be verified by manual excavation. Gas pressure control & service tap fittings, and valve operators may be 3" to 4" above the main. Construction equipment shall not be parked above gas main and services that have reduced cover. Contractor to coordinate with SDGE to reinstall warning tape above electric & gas mains and services. For trench backfill in areas of conflict where less than 24" of soil remains below top of subgrade, and in lieu of conduit relocation, three-sack cement slurry can be used to bridge the conduit while compacting soil above the conduit. The bottom of the slurry section should maintain a minimum of 2" of cover over the conduit and the slurry section shall be a minimum of 12" thick. Recommended width of slurry backfill section is 24" centered on the conduit. Slurry shall reach a 7-day strength of 800 psi prior to loading with construction equipment.

The project site is within a residential area. Contractors shall be required to maintain a close proactive relationship with the residents before and throughout the construction of this project. The contractor shall provide an acceptable working schedule showing critical path to the City's Engineer prior to commencement of work.

All coordination with owners and parties with interest in work necessary to install the improvement and accommodate the aforementioned are considered included in the contract unit price paid for the various items of work for the project.

The FDR work to be done is shown on the plans may contain some work items that are not specifically reflected in the requested bid proposal. Payment for these work items are to be considered included in the various lump sum or unit cost prices contained herein.

Attached is a copy of the geotechnical report dated "**September 22, 2021**" prepared by "**Atlas Technical Consultants LLC**". This report (Appendix I) which was used for design purposes by City Inclusion of the Soil Report does not grant any warranty, expressed or implied, as to the accuracy of the logs, borings. Existing section is unknown and may vary from this study.

City makes no guarantees that the Asphalt Concrete (AC) section or base section exist as in the report.

The items are to be constructed, finished and installed in a complete and work-man-like manner in accordance with the plans and specifications. Such other items or details not mentioned above, that are required by the plans, Standard Specifications, or these Special Provisions, shall be performed, placed, constructed or installed.

1.1 Description

FDR shall be performed on **Gold Coast Drive** from Camino Ruiz to Thanksgiving Lane and on **Parkdale Avenue** from Northrup Drive to Port Royal Drive and from Flanders Drive to Mira Mesa Boulevard.

The FDR work shall consist of remedial grading, pulverizing and blending of the existing asphalt concrete, base, and subgrade soil. It shall also include re-grading, adding cement and water to the blended material, and the removal of excess material to allow the placement of new asphalt pavement on blended material all in accordance with the specifications provided below. Fine grade to the grades required prior to placement of asphalt.

This item shall consist of constructing a mixture of pulverized asphalt concrete, base material, subgrade soil, cement, and water in accordance with this specification, and in conformity with the lines, grades, thickness, microcracking, and typical cross sections shown on the plans. Cement-treated subgrade shall be constructed in a series of parallel lanes such that longitudinal and transverse joints are minimized. Asphalt concrete overlay paving will begin no more than three days following micro-cracking on each separate road. Contractor will plan his operation such that the location of the edges of pavement remain the same as existing and the pavement footprint does not increase.

2. MATERIALS

2.1 Pulverized Material

Existing asphalt concrete surfacing shall be pulverized with underlying base materials and subgrade soil to the specified depths and widths in conformance to the Project Plans and Special Provisions and Standard Specification for Public Works Construction – The “Greenbook” 2021 Edition, section 301-3.4.2.3.

2.2 Portland Cement

Portland cement shall be Type II/V Portland cement conforming to Standard Specifications for Public Works Construction - The "Greenbook" 2021 Edition, section 301-3.4.2.1. Fly-ash or other pozzolanic material shall not be substituted for Portland cement.

2.3 Water

Water shall conform to Standard Specifications for Public Works Construction -The "Whitebook" 2021 Edition, 301-5.2.2.

3. CONSTRUCTION REQUIREMENTS

Just-In-Time Training: The Contractor shall provide Just-In-Time Training (JITT) conducted by an Engineering Instructor experienced in the construction methods, materials, and test methods associated with construction of cement stabilization projects. The training shall be mandatory and consist of a formal joint training class on the process, required special equipment, placement and compaction methods, and quality control. Construction operations for cement stabilization shall not begin until the Contractor's and the Engineer's personnel have completed the JITT. The JITT training class shall be conducted during normal working hours and at a location convenient for both the Contractor and the Engineer. The JITT class shall be completed not more than 7 days prior to the start of the cement stabilization process. A copy of the course syllabus, handouts, and presentation material shall be submitted to the Engineer at least 7 days before the day of the training. The Contractor and the Engineer shall mutually agree to the course instructor, course content, and training site.

3.1.1 Mix Design:

Before Work begins, you shall submit to the Engineer in accordance to the Standard Specifications for Public Works Construction – The "Whitebook" 2021 Edition, section 3-8.4, a mix design and laboratory reports of the mix design performed in accordance with Standard Specifications for Public Works Construction – The "Greenbook" 2021 Edition, section 301-3.4.3. at your expense and shall utilize the specific materials to be used on the project. A Registered Civil Engineer in the State of California shall sign and seal the mix design report.

3.1.2 Subgrade:

Prior to beginning any cement treatment, the existing subgrade shall be shaped to conform to the typical sections, lines, and grades as shown on the plans. The Engineer shall check and verify the conformance of the material to the lines, grade, and elevation as shown on the plans, prior to beginning cement treatment.

Trimming and disposal of excess pulverized material, if required, will be performed on the intimate mixture of base materials, and subgrade soil prior to cement treatment.

Excess pulverized material is the surplus that results after trimming and grading the pulverized pavement section to the lines and grades shown on the plans. The pulverized subgrade should be trimmed sufficiently low to allow for the added cement volume, proper material compaction, and subsequent layers of leveling and surface course AC overlays, all as required to meet proposed finished surface grades called for on the plans. Excess pulverized material shall consist of non- cement treated, well mixed pulverized AC pavement, base materials (if existing) and subgrade.

3.1.3 Remedial Grading:

Prior to FDR, remedial grading shall be performed per plan set. The surface exposed by pavement removal excavation shall be scarified to the bottom depth of the planned FDR and have rocks larger than 4" or cemented clasts removed.

3.1.4 Application:

The cement content shall vary no more than 0.5 % under and not more than 1.0 % over the designed cement content (example: tolerance on spread rate of 6.0% is 5.5% to 7.0) However, the moving average of the rate of cement content tests/inspections shall not be less than the specified cement content. The Engineer reserves the right to increase the rate of application of cement from the specified rates during the progress of construction as necessary to maintain the desired characteristic of the stabilized subgrade.

Additional cement required above a 5.0% amount shall be paid on a unit price basis.

Cement shall be distributed with a non-pressurized mechanical vane-feed spreader equipped with on-board scales and controls capable of spreading the cement at a prescribed weight unit area.

Cement shall not be spread upon the prepared material more than 2 hours prior to the mixing operation. No traffic other than the mixing equipment shall be allowed to pass over the spread cement until the mixing operation is completed.

3.2 Mixing

Mixing of the soil, cement, and water shall be done with a four-wheel drive rotary mixer (CMIRS- SOOB, CAT 350B or equivalent). The mixing machine shall have equipment provisions for introducing water at the time of mixing through a metering device. Water trucks must be attached to the FDR cement mixing machine with tow bar or similar device to elevate the water hose from the ground during the initial mixing operation.

The full depth of the treated subgrade shall be mixed a minimum of two times with the approved mixing machine. At least one of the two mixes shall be done while introducing water into the soil through the metering device on the mixer. Water shall be added to the subgrade to provide a moisture content not less than 1 percentage point below nor more than two percentage points above (-1% to +2% of OMC) the optimum moisture content of the soil-cement mixture (ASTM D 558) to ensure chemical reaction of the cement and soil.

To ensure a uniformly treated section, any material/soil around manholes, shallow utilities within the FDR section, utility risers, valves and adjacent to curbs/gutters or in corners where pulverizing and mixing cannot be accomplished with the pulverizing/mixing machine, must have that material/soil pulled out by the Contractor, to the depth of treatment, where it is accessible to be mixed with the reagent. After the material is mixed with the reagent, it will be placed back and compacted by the Contractor. Where shallow utilities are within the FDR section, the material adjacent

to the shallow utility shall be placed and compacted and brought up flush to the shallow utility utilizing small equipment and/or handwork. Prior to paving these areas, paving work shall require prior approval from Engineer. A leveling course of a fine mix AC should be placed, compacted, and then a recyclable pavement fabric, like GlasPave (or equivalent), shall be placed over the leveling course.

3.3 Compaction and Additional Material Testing

The mixture shall be compacted in one layer. Trimming (cuts only) can be completed within 24 hours of mixing.

Areas inaccessible to rollers shall be compacted to the required density by other means satisfactory to the Engineer. The field dry density of the compacted mixture shall be at least 95% percent of the maximum dry density as determined in accordance with ASTM D 558 (Moisture-Density of Soil-Cement Mixtures).

3.4 Finishing and Curing

After the final layer of cement treated subgrade has been compacted, it shall be brought to the required lines and grades in accordance with the plans and the proposed street section in reference to existing flowline shall be kept moist.

The completed cement treated subgrade shall be moist cured continuously for 5-7 days or until surfaced with a curing seal consisting of SS-1H or CSS-1H grade asphalt emulsion at a rate of 0.10 to 0.2 gallons per square yard of surface in accordance with Standard Specifications for Public Works Construction – The "Greenbook" 2021 Edition, section 301-3.2.10.3.

The cement treated subgrade shall be kept free from heavy traffic during the curing period or until the asphalt concrete surfacing is placed whichever is less, unless otherwise directed by the Resident Engineer. If completed surface is to be microcracked moist curing shall be the only method of curing prior to microcracking. After microcracking is complete additional moist curing or emulsion sealing may be used.

While open to traffic and before placing HMA, maintain the FDR-C surface free of ruts, bumps, indentations, raveling, and segregation. Repair damaged FDR-C material with minor HMA

3.5 Microcracking

Micro-cracking of the cement stabilized pulverized base shall be performed in accordance with Standard Specifications for Public Works Construction – The "Greenbook" 2021 Edition, section 301-3.4.13. Vibratory mode to be turned off when crossing SDG&E gas & electric mains and services.

4. MEASUREMENT AND PAYMENT

The contract unit price paid for "**Full Depth Reclamation with Portland Cement**" shall include full compensation for preparing, remedial grading, pulverizing and mixing of existing

pavement and underlying materials, water, cement, spreading, compacting and grading, hauling away excess pulverized material, microcracking, curing, protection and sealing of the cement treated subgrade and asphalt concrete paving.

Additional cement required beyond a 5.0% cement ratio required for this project shall be paid using the contract unit price in bid item" **Additional Type II/V Portland Cement (As needed).**"

All coordination with owners and parties with interest in work necessary to install the improvement and accommodate the aforementioned are considered included in the contract unit price paid for the various items of work for the project.

The contract bid unit prices shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved in place, as specified in the Standard Specifications, Special Provisions and this Appendix and no compensation shall be paid to the Contractor for expenses incurred for repairing or replacing any utilities (e.g., water, gas, electric, telephone, etc.) damaged during the course of work. No additional compensation will be allowed, therefore.

APPENDIX I
PAVEMENT INVESTIGATION REPORT



PAVEMENT INVESTIGATION

STREET RECONSTRUCTION GROUP 1801 PARKDALE AVENUE & GOLD COAST DRIVE

San Diego, California

PREPARED FOR:

Mr. Gerard Lumabas
Parsons Transportation Group
525 B Street, Suite 1600
San Diego, CA 92101

PREPARED BY:

Atlas Technical Consultants LLC
6280 Riverdale Street
San Diego, CA 92120

September 22, 2021



6280 Riverdale Street
San Diego, CA 92120
(877) 215-4321 | oneatlas.com

September 22, 2021

Atlas No. 180322P4.4
Report No. 1R5

MR. GERARD LUMABAS
PARSONS TRANSPORTATION GROUP
525 B STREET, SUITE 1600
SAN DIEGO, CALIFORNIA 92101

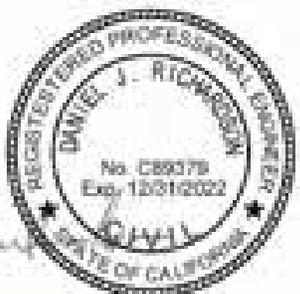
**Subject: Pavement Investigation
Street Reconstruction Group 1801
Parkdale Avenue & Gold Coast Drive
San Diego, California**

Dear Mr. Lumabas:

In accordance with your request and our proposal No. 19-0364, Atlas Technical Consultants LLC (formerly SCST) performed a pavement investigation to assess the conditions at the site affecting pavement reconstruction, including suitability of construction methods for the various street alignments, and provide revised recommendations based on our findings. Our investigation consisted of reviewing the project’s geotechnical report, performing a site reconnaissance during utility potholing, and preparation of this report.

If you have any questions, please call us at (619) 280-4321.

Respectfully submitted,
Atlas Technical Consultants LLC

Daniel J. Richardson, PE 89379
Project Engineer

JPS:DJR:RS:ds

Distribution: Gerard.lumabas@parsons.com




Reza Saeedzadeh, PhD, PE 87885
Senior Engineer

CONTENTS

1. INTRODUCTION	1
2. SCOPE OF WORK	1
2.1 Review Project Geotechnical Report	1
2.2 Site Reconnaissance During Utility Potholing	1
2.3 Analysis and Report Preparation	1
3. SITE DESCRIPTION AND TRAFFIC	2
4. PAVEMENT SURFACE CONDITION	2
5. PAVEMENT SUBSURFACE CONDITIONS	3
6. CONCLUSIONS	4
7. RECOMMENDATIONS	4
7.1 Excavation and Soil Characteristics	4
7.2 Reconstruction Using Full-Depth Reclamation	5
7.2.1 Remedial Grading	5
7.2.2 Cement Content	5
7.2.3 New Flexible Pavement Section Recommendations	5
7.3 New Pavement Sections for Utility Conflicts	5
7.3.1 3-Sack Slurry Backfill	6
7.3.2 Full-Depth PCC	7
7.3.3 Conventional Asphalt Concrete over Aggregate Base	7
7.4 Subgrade Stabilization During Construction	7
8. CLOSURE	7
8.1 Geotechnical Review	7
8.2 Limitations	8
9. REFERENCES	8

TABLES

Table 1 – Design Traffic Indices (after Geocon, 2018)	2
Table 2 – Summary of Subsurface Conditions	4

FIGURES

Figure 1A	Site Vicinity Map
Figure 1B	Key Map - Gold Coast Drive
Figure 1C	Key Map - Parkdale Avenue
Figures 2A – 2I	Subsurface Exploration Map
Figure 3	Pavement Surface Condition Map
Figure 4	Pavement Recommendations
Figure 5A – 5B	FDR Pavement Recommendations Map

APPENDIX

Appendix I	Tabular Summary of Results
------------	----------------------------



1. INTRODUCTION

This report presents the results of a pavement investigation that Atlas Technical Consultants (formerly SCST) performed for the streets of Parkdale Avenue and Gold Coast Drive in the community of Mira Mesa, in San Diego, California. A site vicinity map is shown in Figure 1A.

We understand that except for recently paved or slurry sealed localized areas, the project's streets pavement surface condition is very poor or failed, and the City of San Diego is considering pavement reconstruction alternatives. The purpose of our investigation was to evaluate the recommendations provided in the project's geotechnical report (Geocon, 2018) based on a review of their findings, our field reconnaissance and the recently issued utility potholing report (AirX, 2020), and to provide our recommendations for suitable methods of construction and alternative pavement section recommendations for potential utility conflicts.

2. SCOPE OF WORK

2.1 Review Project Geotechnical Report

Atlas performed a thorough review of the project's geotechnical report (Geocon, 2018). This review included evaluating the conclusions and recommendations provided for encountered conditions described. Some conditions described in the geotechnical report were field verified during the site reconnaissance. Geocon's boring locations are presented in Figures 2A through 2H.

2.2 Site Reconnaissance During Utility Potholing

An Atlas engineer and a geologist performed a site reconnaissance along the project alignments intermittently from January 10 through January 20, 2020. This was done during utility potholing by AirX while the subsurface conditions were exposed. The street surface condition, the pavement structural section, and subgrade materials were evaluated. Subgrade samples were collected for observation and held at our laboratory for possible future testing. Figures 2A through 2I present the locations of potholes performed by AirX.

2.3 Analysis and Report Preparation

The assumptions, conclusions and recommendations of the project's geotechnical report were analyzed in conjunction with the utility potholing report and our site reconnaissance. Our commentary, conclusions, and recommendations, including construction methods and alternative pavement section recommendations for utility conflicts and varied subsurface conditions are provided in this report. This report synthesizes conclusions and recommendations of the existing reports for this project. The original unabridged reports should be provided to stakeholders and contractors to understand existing conditions more fully.

Atlas understands many utility companies have standards for dimensional clearances from construction disturbance or pavement structure. Utility companies owning utilities within the project alignment should be provided this report and check that their standards are met. Atlas can



provide design addenda to this report as needed to address conflicts between utility standards and our recommendations.

3. SITE DESCRIPTION AND TRAFFIC

The project locations consist of public right-of-way streets located in the community of Mira Mesa, in San Diego, California. Site elevation ranges between approximately 408 to 460 feet above mean sea level. Like other areas within the city of San Diego, hot summers (above 100°F) or freezing winters rarely occur at this site. Annual rainfall is low, on the order of 10-15 inches per year. The geologic conditions in the vicinity are generally variable with undocumented fill and a conglomerate matrix of Quaternary-Age very old paralic deposits. Groundwater elevation is typically well below the ground surface and is not expected to influence the performance of the pavement. However, seepage may be present due to irrigation.

The neighborhood roadways are mostly comprised of two-lane streets paved with Asphalt Concrete (AC) and concrete cross-gutters. The design traffic indices assumed from the City of San Diego’s Schedule “J” presented in the project geotechnical report (Geocon, 2018) for the streets under consideration are appropriate. They are summarized in the table below.

Table 1 – Design Traffic Indices (after Geocon, 2018)

Street	Street Classification*	Design Traffic Index*
Parkdale Avenue	Collector (Residential)	7.0
Gold Coast Drive	Collector	9.0

*Per City of San Diego Schedule “J”

4. PAVEMENT SURFACE CONDITION

The pavement distress conditions described in the geotechnical report are generally consistent with observations during our site reconnaissance. That is, the pavement condition for the project’s streets, with exceptions of some locally recently repaved areas, is generally considered to be failed. The following pavement distress types were observed during our field reconnaissance:

- Fatigue cracks (form alligator cracks at advanced stages)
- Block cracks
- Longitudinal, transverse, and edge cracks
- Depressions
- Utility cut patching
- Weathering
- Raveling
- Corrugation/shoving
- Potholes



For planning purposes, Atlas has delineated the pavement condition into two categories based on the observed distresses. These categories include:

- **Good/Satisfactory**: Recently repaved.
- **Very Poor/Failed**: Streets not recently repaved, exhibiting the various distresses listed above, or recently slurry sealed streets exhibiting depressions.

Following this categorization, the condition of the roadways is illustrated in Figures 3A and 3B. As can be seen in this figure, most of the neighborhood streets are in Very Poor/Failed condition.

5. PAVEMENT SUBSURFACE CONDITIONS

Atlas evaluated the subsurface conditions during utility potholing activities and found the project geotechnical report's findings to be generally consistent with our observations. The conclusions and revised recommendations of this report assumes the subgrade characteristics observed, characterized, and tested during the initial geotechnical investigation are representative of the project alignment.

During project design development, potential utility conflicts along the alignment were identified and AirX potholed to physically verify utilities' depth and location. It should be noted that some mischaracterizations of pavement and base material were identified in the utility potholing report. These are minor and are inconsequential because dimensional tolerance from a utility generally governs our revised recommendations for pavement reconstruction. Table 2 presents a summary of encountered subsurface conditions during our reconnaissance. Based on our observations, the pavement is generally comprised of 3 to 6 inches of AC streets or Portland cement concrete (PCC) cross gutters, underlain by approximately 4 to 8 inches of base materials. Aggregate base (AB) or cement treated base (CTB) was encountered as base materials. Subgrade encountered below the base consisted of stiff, sandy clay to medium dense, clayey sand with varying percentages of gravel and cobbles, and conglomerate comprised of medium dense silty gravel with sand and varying amounts of cobbles. Groundwater was not encountered and is expected to be below a level that would affect pavement reconstruction. A summary of the Geocon (2018) geotechnical report, utility pothole report (AirX, 2020), and our encountered subsurface conditions are presented in Appendix I.



Table 2 – Summary of Subsurface Conditions

Pothole Location	Streets	Pavement Thickness, inches	Base Thickness, inches	Subgrade Classification (USCS)
AX-B-3	Gold Coast Drive & Saluda Avenue	6 PCC	N/A	SANDY CLAY (CL)
AX-B-5	Gold Coast Drive & Arrow Rock Avenue	5 AC	4½ AB	CLAYEY SAND (SC)
AX-B-9	Gold Coast Drive & Westonhill Drive	4 AC	6 AB	CLAYEY SAND (SC)
AX-B-18	Gold Coast Drive & Westchester Avenue	5 PCC	N/A	SILTY SAND with GRAVEL (SM)
AX-B-26	Parkdale Avenue & Flanders Drive	3½ AC	4 AB	SILTY GRAVEL with SAND (GM)
AX-B-27	Parkdale Avenue & Flanders Drive	3¼ AC	6 AB	SILTY GRAVEL with SAND (GM)
AX-B-29	Gold Coast Drive & Parkdale Avenue	4 PCC	4 CTB	SILTY GRAVEL with SAND (GM)
AX-B-34	Gold Coast Drive & Northrup Place	3¼ AC	6 AB	SILTY GRAVEL with SAND (GM)
AX-B-36	Gold Coast Drive & Northrup Drive	3 AC	8 AB	SILTY GRAVEL with SAND (GM)

N/A: Not Assessed
AB: Aggregate Base
AC: Asphalt Concrete
CTB: Cement Treated Base
PCC: Portland Cement Concrete

6. CONCLUSIONS

Based on the mostly Very Poor/Failed pavement condition, we concur with the conclusion of Geocon (2018) report for reconstruction of most of the pavements, as maintenance or rehabilitation are not feasible options. Removal and replacement and full-depth reclamation (FDR) are feasible reconstruction options. However, because of the many near-surface cobbles encountered, areas for FDR should be either refined or the cobbles addressed by remedial grading prior to FDR.

7. RECOMMENDATIONS

7.1 Excavation and Soil Characteristics

We concur with the excavation and soil characteristics described in the Geocon (2018) report, including expected equipment and effort. However, generally rocks greater than 4 inches should not be within the pavement section and should be removed during remedial grading and/or scarification as described in the following sections.

7.2 Reconstruction Using Full-Depth Reclamation

In our opinion, generally, FDR can be a suitable and cost-effective option for major areas of the project. We generally concur with Geocon (2018) recommendations for FDR sections. However, to minimize areas of utility conflicts, we recommend the pavement sections that are provided in Figure 4.

7.2.1 Remedial Grading

Reconstruction utilizing FDR is best suited when there are no large cobbles, boulders, and cemented clasts. The very old paralac deposits evaluated in these investigations did not encounter boulders or cemented clasts. However, these deposits are known to contain them and should be expected. For that reason, we recommend the contractor evaluate the need for performing remedial grading prior to FDR operations in these areas to ensure suitability of construction methods and equipment. The suggested areas for remedial grading are listed on Figure 4 and shown on Figures 5A and 5B. The remedial grading can consist of scarifying the surface exposed by pavement removal excavations to the bottom depth of the planned FDR and remove oversize rocks or cemented clasts that otherwise cannot be handled by the FDR construction equipment.

7.2.2 Cement Content

Good construction practice for FDR requires 8 inches of clearance from a utility. Utility owners may require a larger clearance. To mitigate utility-required tolerances from construction disturbance and considering the known shallow utilities within the project alignments, we recommend reducing the FDR base section by increasing the structural capacity of the FDR base section by increasing the design unconfined compressive strength (UCS) to 800 psi at 28 days. UCS tests were not performed on treated subgrade materials, so the contractor should submit a mix design to the Engineer for approval. We estimate the pulverized materials will require treatment with a minimum 5 percent cement to reach design strength.

7.2.3 New Flexible Pavement Section Recommendations

Atlas used R-values presented in the geotechnical report and used the Caltrans Highway Design Manual and City of San Diego Schedule "J" to evaluate new pavement structural sections. Representative R-values were assigned to sections of the alignment for design. However, R-values should be confirmed during construction to assess the limits of their application. Based on the assumed Traffic Indices (TI), design flexible AC pavement sections are presented in Figure 4. Materials and methods of construction should conform to good engineering practices, Greenbook, and the city of San Diego standards.

7.3 New Pavement Sections for Utility Conflicts

Utility owners for utilities like gas pipelines and asbestos concrete pipes may have standards for dimensional clearances from pavement structure or construction disturbance larger than those required if using the recommended pavement section utilizing FDR. Therefore, FDR is not feasible for pavement reconstruction in all areas. Additionally, some very shallow utilities and concrete encasements do not allow for the required structural section designed using Caltrans or City of

San Diego's Schedule "J" methods to be placed without raising the grade or rerouting utilities. We assume both raising the grade and rerouting these very shallow utilities is cost prohibitive. Therefore, recommended pavement sections over these very shallow utilities are provided with the most structural capacity feasible. Considering this, they may prematurely fail. Therefore, although pavement sections are provided, in order to avoid premature failure, we recommend structural mitigation that would effectively transfer loads over the shallow utility laterally to the nearby soils.

For areas where FDR operations will encounter utility conflicts, recommendations for alternative pavement sections are provided in Figure 4. These alternatives include AC over 3-sack slurry, rigid PCC, and conventional AC over AB sections.

Where utility conflicts exist within the structural pavement section, defined as materials above the subgrade, including FDR, base, slurry, concrete, or AC, we recommend the FDR operations should extend to within about one lateral foot of utility conflict. Then detail work, utilizing small equipment and/or handwork, should be performed. Any of the provided alternative sections can be used to build up the sections adjacent to the utility, including FDR. If FDR is selected for areas with utilities, the processing and mixing of materials cannot occur in place. Upon completion of processing and mixing, the materials should be used to backfill the excavation and compacted in place. To mitigate reflective cracking, once the sections on either side of the utility are at grade with the utility in conflict, we recommend placing a leveling course of about one-half inch thick consisting of a fine-mix AC. Then, a recyclable geofabric such as GlasPave (or equivalent) should be installed per the manufacturer's recommendations, but must overlap the utility on either side, covering the construction joint.

7.3.1 3-Sack Slurry Backfill

Three (3)-sack slurry backfill designed to reach an unconfined compressive strength (UCS) of 800 psi at 7 days can be used to mitigate utility conflicts where dimensional clearances from pavement structure or construction disturbance need to be met. Good construction practice for FDR requires at least 8 inches between the bottom of the FDR section and the top of a utility. The pavement section recommendations in Figure 4 provide the minimum 3-sack slurry section required to satisfy the loading conditions. The width of slurry backfill should be at least three times the diameter of the utility pipelines, or 2 feet, whichever is larger.

Where utility dimensional tolerance allows, the surface exposed by pavement removal excavation should be scarified to a depth of 6 inches, rocks larger than 6 inches removed, and moisture conditioned and compacted to at least 95% relative compaction at near optimum moisture content based on ASTM D1557 laboratory test method.

Where utility dimensional tolerance does not allow, 3-sack slurry can be poured on the undisturbed subgrade.

7.3.2 Full-Depth PCC

Where the recommended pavement section using the minimum 3-sack slurry backfill cannot be accommodated without rerouting utilities or raising the grade, full-depth PCC should be used. Minimum PCC pavement sections are provided in Figure 4. PCC pavement should have a modulus of rupture of at least 650 psi at 28 days.

7.3.3 Conventional Asphalt Concrete over Aggregate Base

We understand that irregular areas adjacent to utility conflicts may not be suitable for FDR. We have provided conventional AC over AB sections (Figure 4) that can be used.

The surface exposed by pavement removal excavation should be scarified to a depth of 6 inches, moisture conditioned to near optimum moisture content, and compacted to at least 95 percent relative compaction based on ASTM D1557 laboratory test method.

Base courses for pavements should be placed in 6-inch to 8-inch loose lifts, moisture conditioned to near optimum moisture content, and compacted to at least 95 percent relative compaction.

7.4 Subgrade Stabilization During Construction

If unsuitable soils are encountered at the bottom of excavations, subgrade stabilization may be needed to create a stable working platform. Areas judged unsuitable for support (i.e. pumping subgrade) should be ripped to a depth of about 6 to 12 inches to allow exposed soil to dry. Frequent ripping will promote drying; however, this process could take days or weeks depending on external factors such as weather. Alternatively, the unsuitable materials should be over-excavated to expose firm material as evaluated by the Engineer and backfilled with compacted aggregate base.

Instead of preparing the subgrade by ripping and recompacting or over-excavating and backfilling, a reinforcement geogrid such as Tensar TX-160, or equivalent, can be placed on dressed subgrade and overlain by compacted aggregate base placed in thin lifts using lightweight equipment. Dressing of the subgrade should be performed in accordance with the manufacturer's recommendations.

8. CLOSURE

8.1 Geotechnical Review

The pavement reconstruction 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 designs vary from those described in this report, Atlas 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 materials should be observed by the geotechnical engineer. Appropriate field tests should be performed to provide quality control and quality assurance for pavement reconstruction.

8.2 Limitations

This report is based on the project as described and the information obtained from review of pertinent geologic, geotechnical, and project-related literature and maps of the alignments indicated. The findings are based on the results of others and our field observations. Our recommendations reflect the interpretation of the limited direct evidence obtained.

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

9. REFERENCES

AirX (2020), "Utility Locating and Potholing Area: Gold Coast Drive & Parkdale Avenue," dated February 14.

American Society for Testing Materials (ASTM) (2009), "Standard Practice for Road and Parking Lots Pavement Condition Index Surveys," D6433.

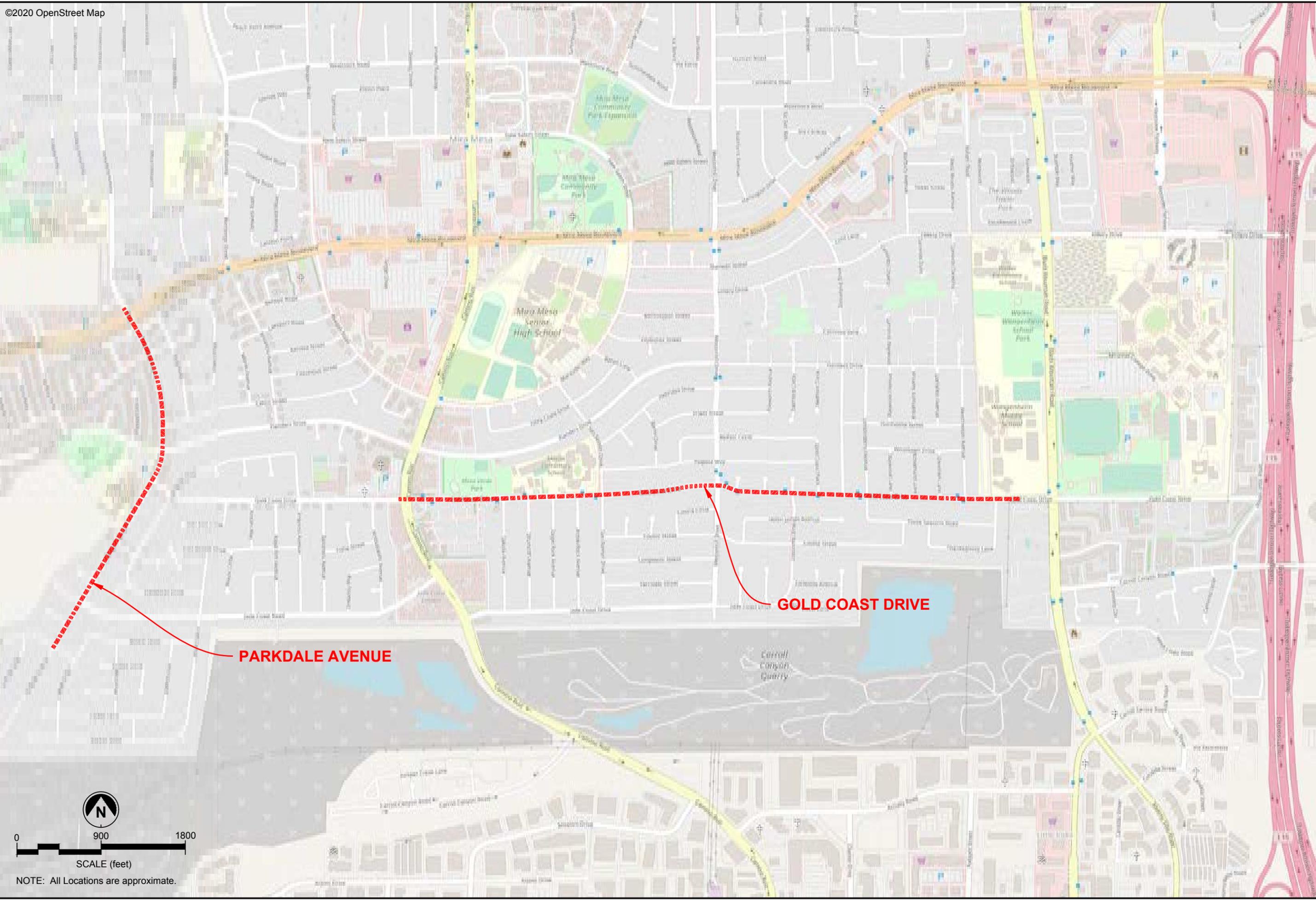
Caltrans (2020), "Highway Design Manual," dated July 1.

City of San Diego, Public Works Schedule J.

Geocon, Inc. (2018), "Pavement Evaluation and Improvement Report: Mira Mesa Street Improvements Task 15GG17-Street Reconstruction Group 1801," dated October 19.

Public Works Standards, Inc. (2018), "Greenbook: Standard Specifications for Public Works Construction," 2018 Edition.

Roberts F.L., Kandhal P.S., Brown E.R., Lee D-Y., and T.W. Kennedy (1996), "Hot Mix Asphalt Materials, Mixture Design, and Construction," National Asphalt Paving Association Education Foundation. Lanham, MD.



PARKDALE AVENUE

GOLD COAST DRIVE



NOTE: All Locations are approximate.

Date: September, 2021
 By: ACF
 Job No.: 180322P4.4-1R5

SITE VICINITY MAP
 Street Reconstruction Group 1801
 Parkdale Avenue, Gold Coast Drive, and Cul-De-Sacs
 San Diego, California

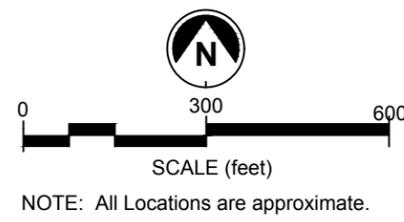


Figure:
1A



SEE BELOW

Reference:
Plans: AirX (2020), Geocon, Inc. (2018)



Date: September, 2021
By: ACF
Job No.: 180322P4.4-1R5

KEY MAP (GOLD COAST DRIVE)
Street Reconstruction Group 1801
Parkdale Avenue, Gold Coast Drive, and Cul-De-Sacs
San Diego, California

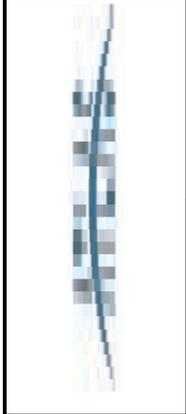
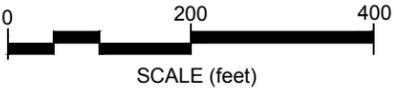


Figure:
1B

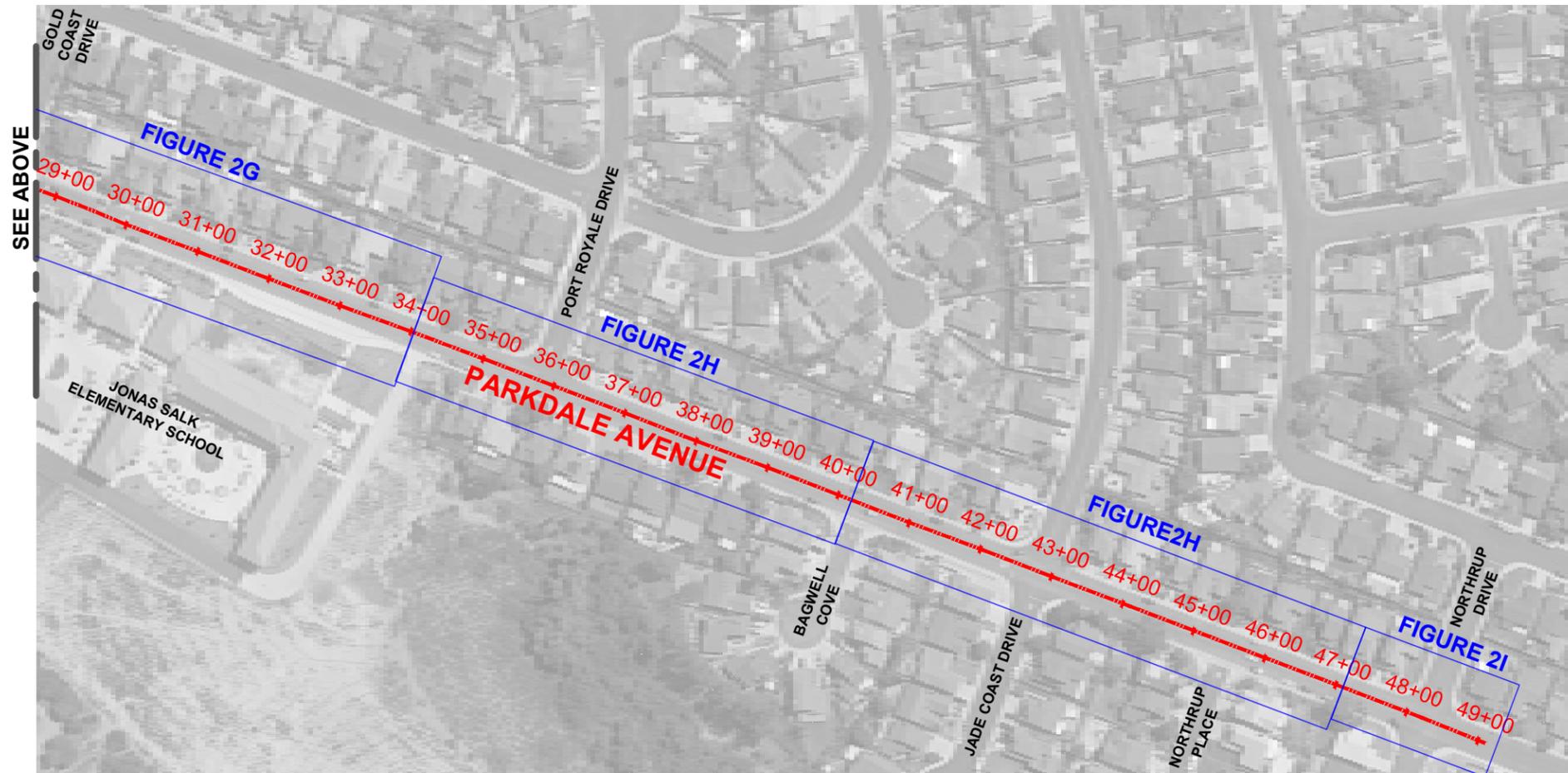


NOTE: All Locations are approximate.



Reference:
Plans: AirX (2020), Geocon, Inc. (2018)

Date: September, 2021
By: ACF
Job No.: 180322P4.4-1R5



KEY MAP (PARKDALE AVENUE)
Street Reconstruction Group 1801
Parkdale Avenue, Gold Coast Drive, and Cul-De-Sacs
San Diego, California

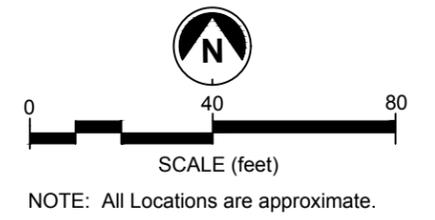


Figure:
1C

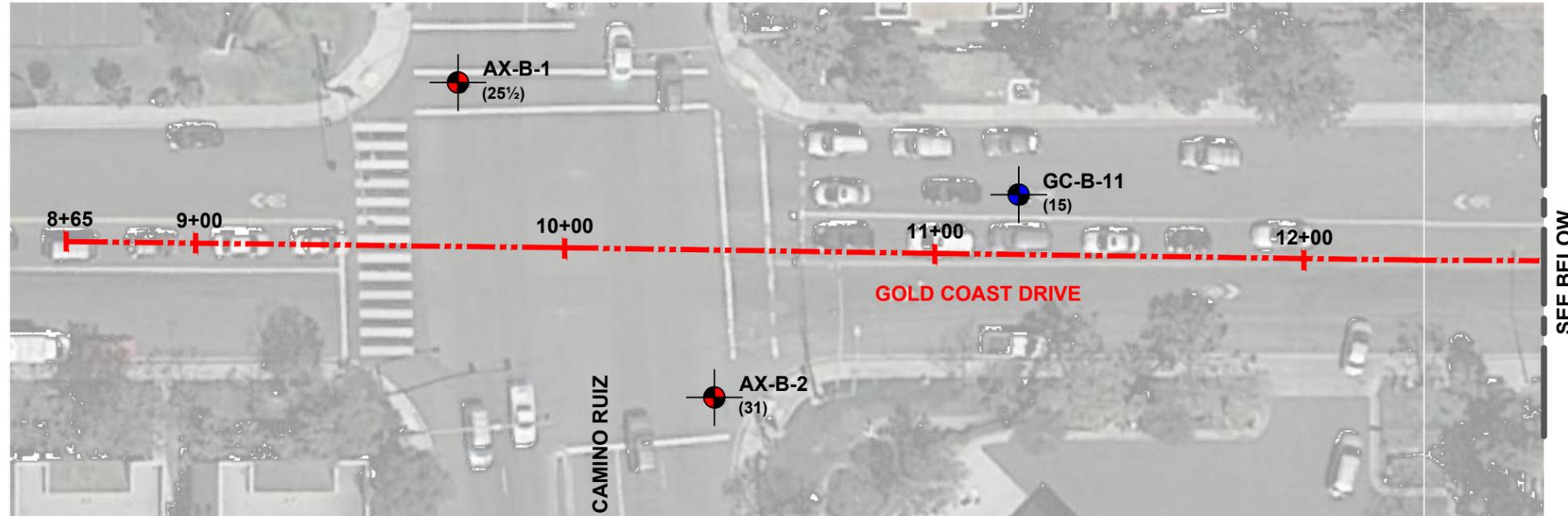
LEGEND:

- 
AX-B-2
 (31) Location of AirX Boring
 (Depth Shallowest Utility, inches)
- 
GC-B-12
 (8) Location of Gecon Boring
 (Subgrade R-Value)

73+00
 Project Stationing



Date: September, 2021
 By: ACF
 Job No.: 180322P4-4-1R5



SUBSURFACE EXPLORATION MAP
 Street Reconstruction Group 1801
 Parkdale Avenue, Gold Coast Drive, and Cul-De-Sacs
 San Diego, California

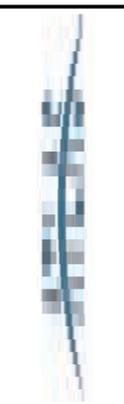
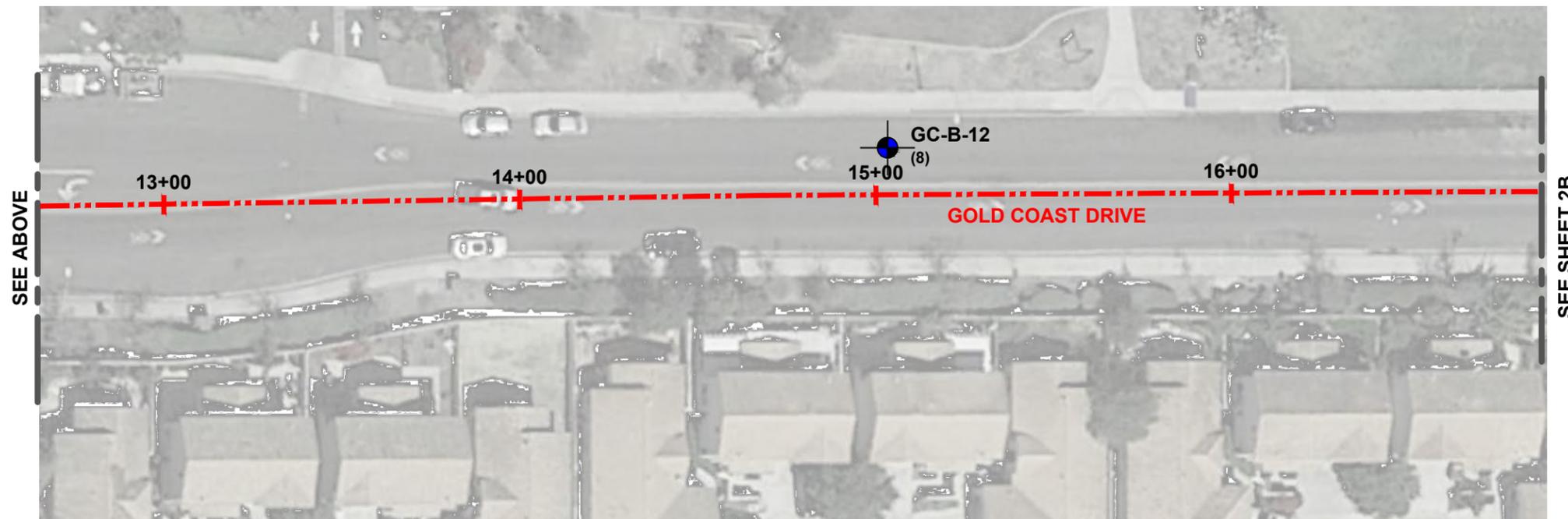
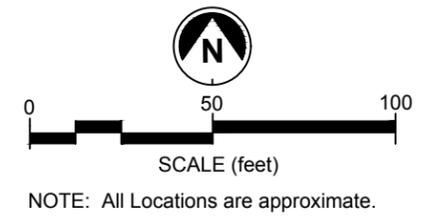


Figure:
2A

LEGEND:

-  **AX-B-8**
(3½) Location of AirX Boring
(Depth Shallowest Utility, inches)
-  **GC-B-15**
(1) Location of Gecon Boring
(Subgrade R-Value)

 **73+00** Project Stationing



Date: September, 2021
By: ACF
Job No.: 180322P4.4-1R5



SUBSURFACE EXPLORATION MAP
Street Reconstruction Group 1801
Parkdale Avenue, Gold Coast Drive, and Cul-De-Sacs
San Diego, California

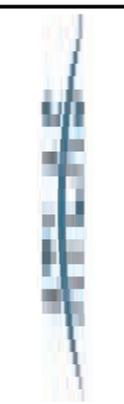


Figure:
2B

LEGEND:

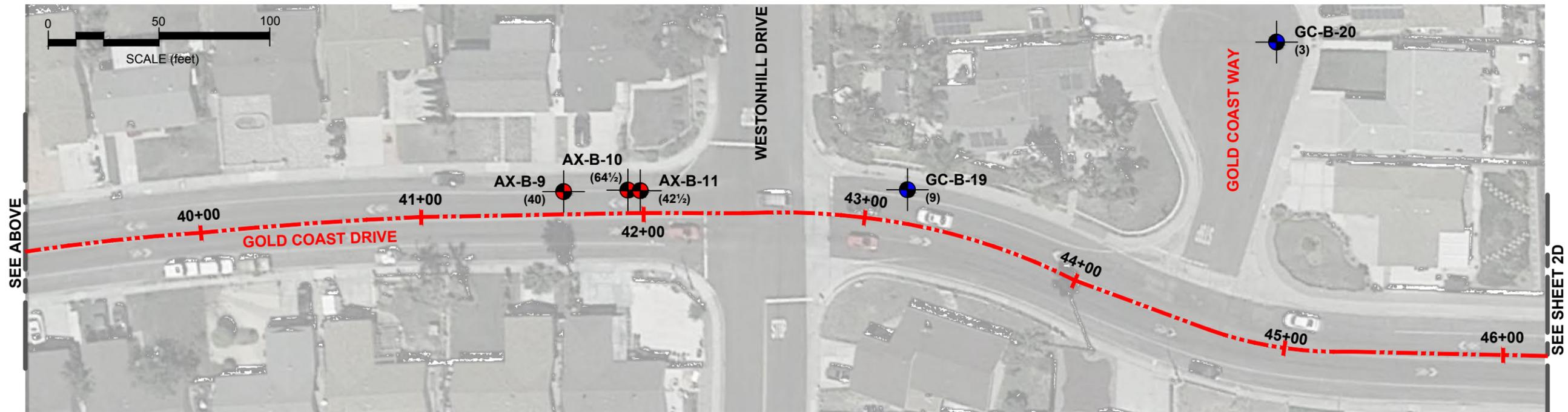
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(42½) Location of AirX Boring
(Depth Shallowest Utility, inches)
-  **GC-B-20**
(3) Location of Gecon Boring
(Subgrade R-Value)

 **73+00** Project Stationing



NOTE: All Locations are approximate.

Date: September, 2021
By: ACF
Job No.: 180322P4-4-1R5



SUBSURFACE EXPLORATION MAP
Street Reconstruction Group 1801
Parkdale Avenue, Gold Coast Drive, and Cul-De-Sacs
San Diego, California

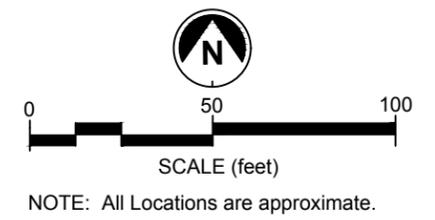


Figure:
2C

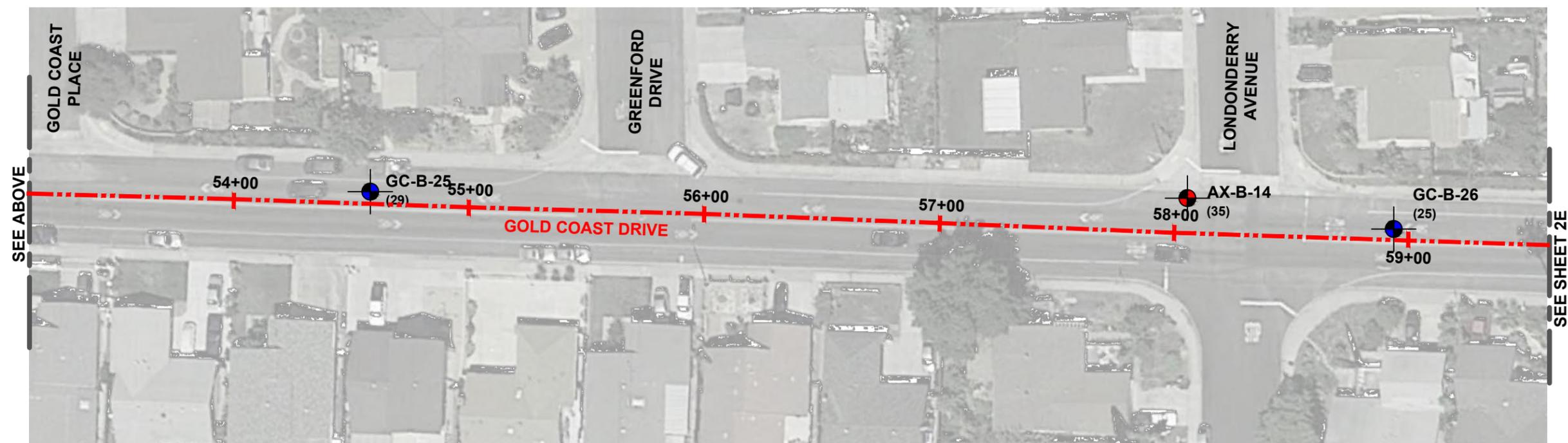
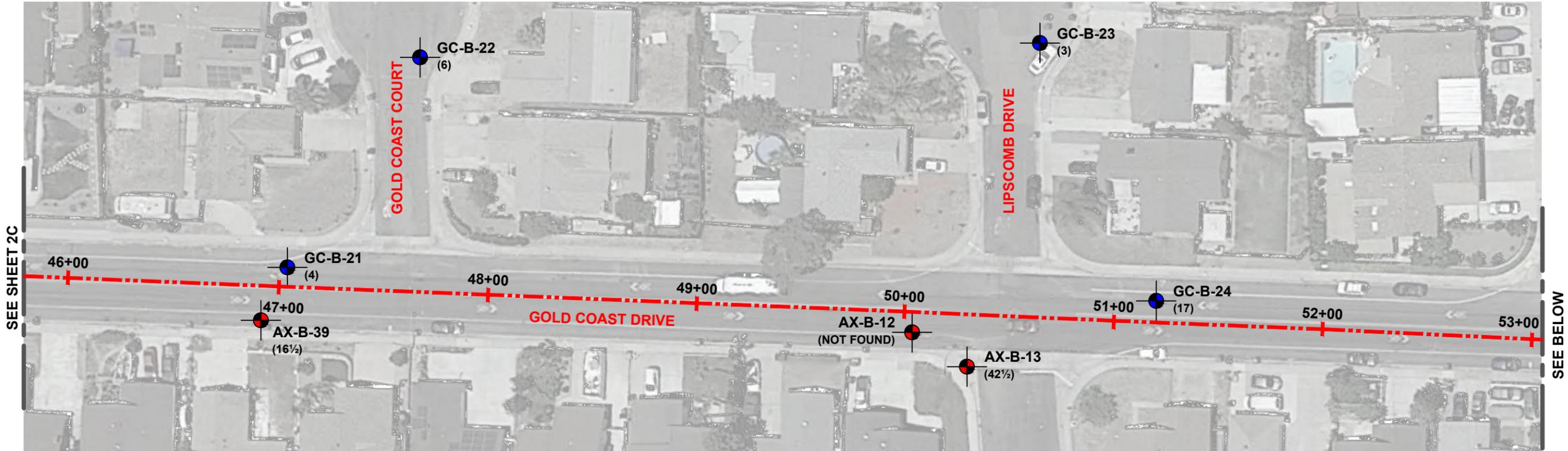
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-  **AX-B-39**
(16½) Location of AirX Boring
(Depth Shallowest Utility, inches)
-  **GC-B-26**
(25) Location of Gecon Boring
(Subgrade R-Value)

 **73+00**
Project Stationing



Date: September, 2021
By: ACF
Job No.: 180322P4.4-1R5



SUBSURFACE EXPLORATION MAP
Street Reconstruction Group 1801
Parkdale Avenue, Gold Coast Drive, and Cul-De-Sacs
San Diego, California

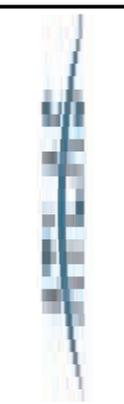
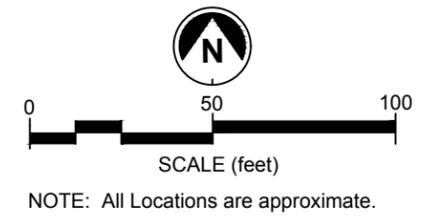


Figure:
2D

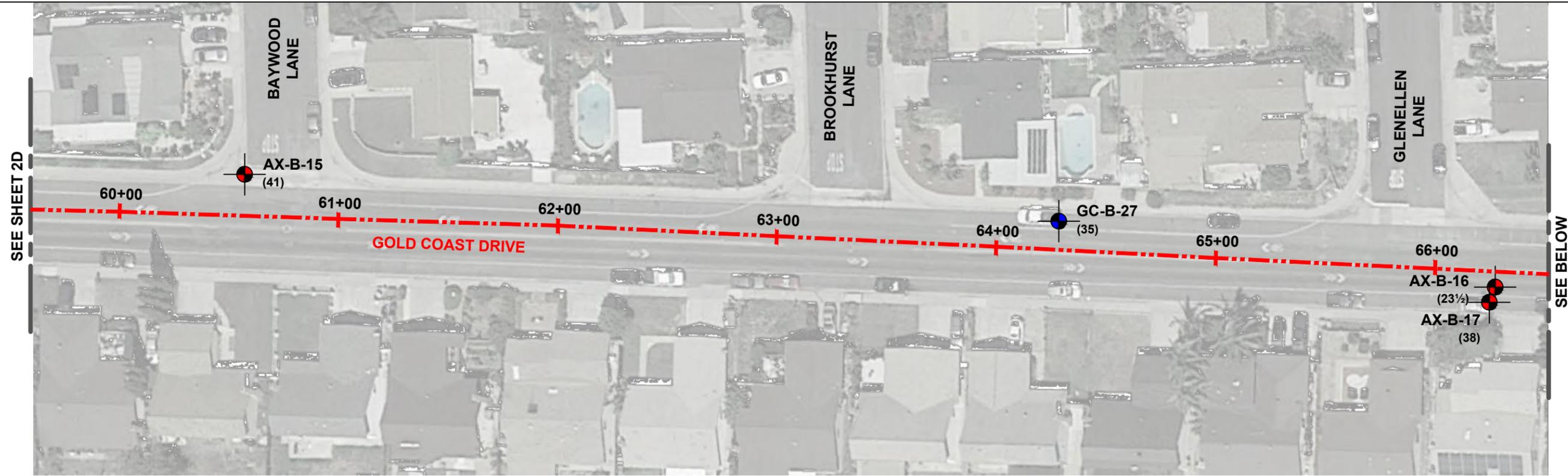
LEGEND:

- 
AX-B-20
 (11½) Location of AirX Boring
 (Depth Shallowest Utility, inches)
- 
GC-B-29
 (11½) Location of Gecon Boring
 (Subgrade R-Value)

73+00
 Project Stationing



Date: September, 2021
 By: ACF
 Job No.: 180322P4.4-1R5



SUBSURFACE EXPLORATION MAP
 Street Reconstruction Group 1801
 Parkdale Avenue, Gold Coast Drive, and Cul-De-Sacs
 San Diego, California

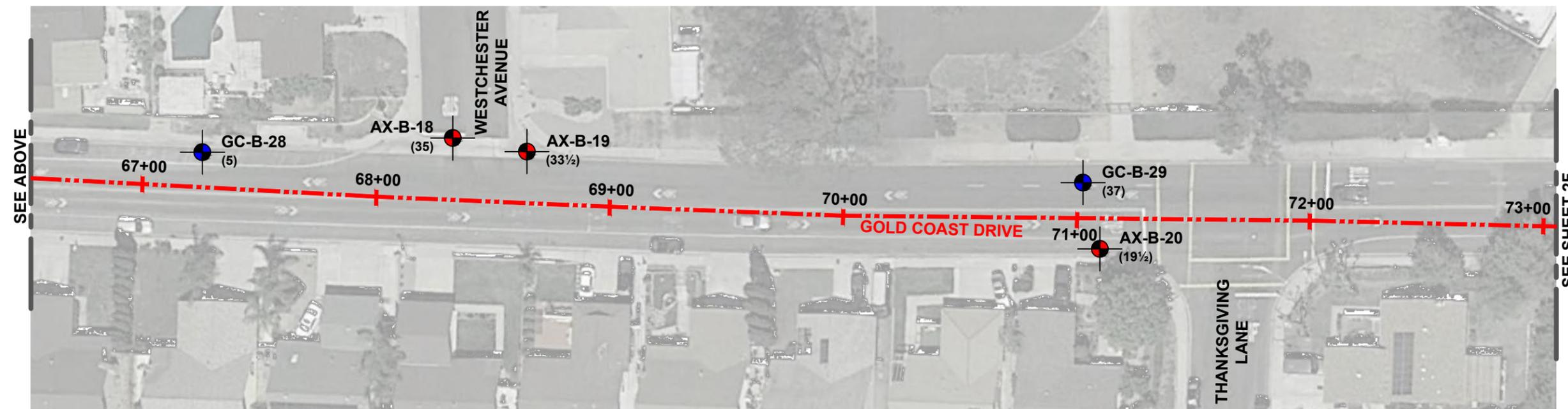
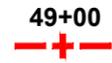


Figure:
2E

LEGEND:

-  **AX-B-23**
(34) Location of AirX Boring
(Depth Shallowest Utility, inches)
-  **GC-B-10**
(17) Location of Gecon Boring
(Subgrade R-Value)

 **49+00** Project Stationing



SCALE (feet)
NOTE: All Locations are approximate.

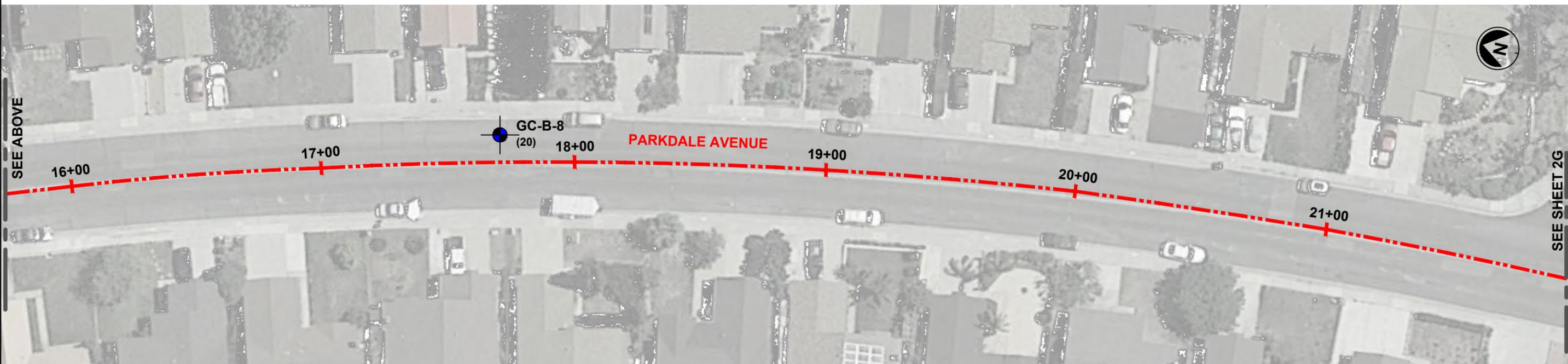
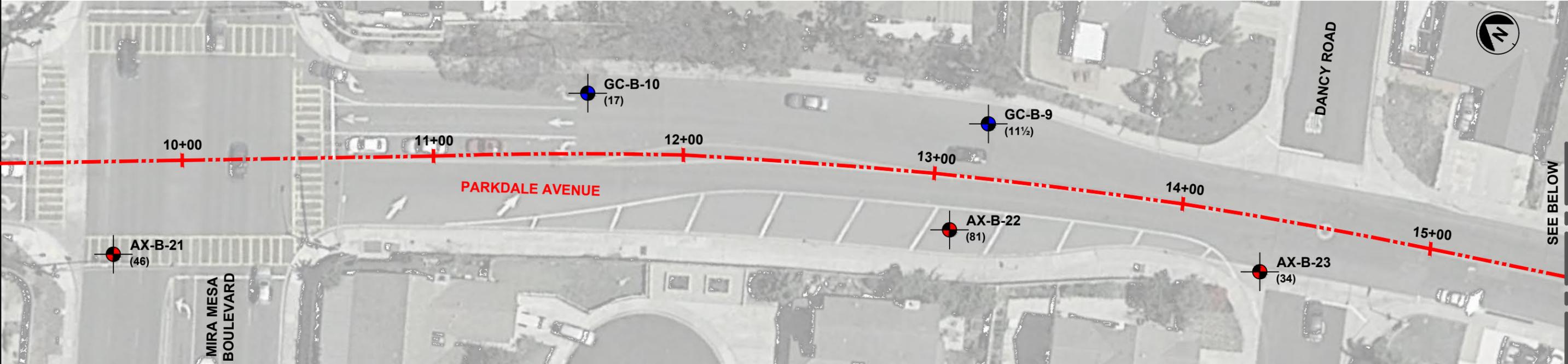
Date: September, 2021
By: ACF
Job No.: 180322P4.4-1R5

SUBSURFACE EXPLORATION MAP

Street Reconstruction Group 1801
Parkdale Avenue, Gold Coast Drive, and Cul-De-Sacs
San Diego, California



Figure:
2F



Reference:
Plans: AirX (2020), Geocon, Inc. (2018)

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LEGEND:

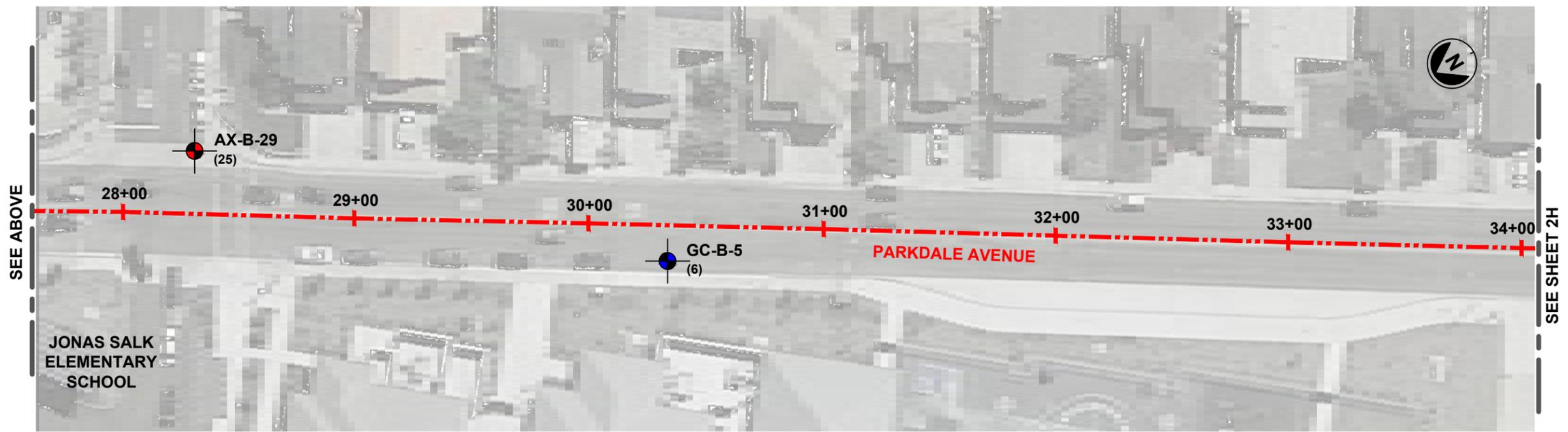
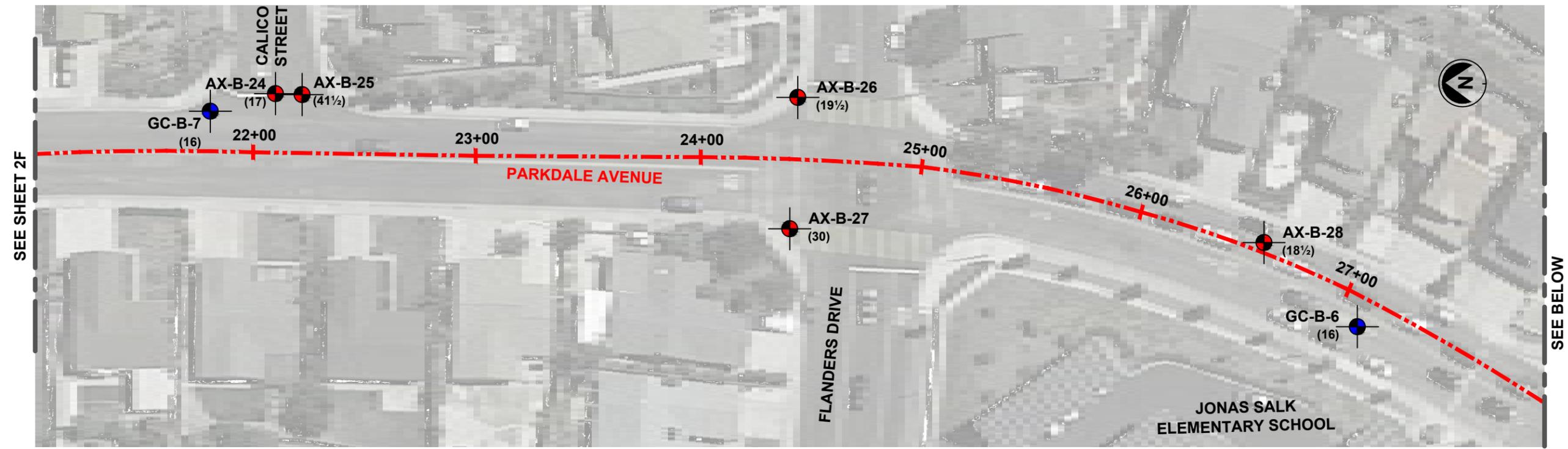
-  **AX-B-29**
(25) Location of AirX Boring
(Depth Shallowest Utility, inches)
-  **GC-B-7**
(16) Location of Gecon Boring
(Subgrade R-Value)

49+00
 Project Stationing



SCALE (feet)
NOTE: All Locations are approximate.

Date: September, 2021
By: ACF
Job No.: 180322P4.4-1R5



SUBSURFACE EXPLORATION MAP

Street Reconstruction Group 1801
Parkdale Avenue, Gold Coast Drive, and Cul-De-Sacs
San Diego, California



Figure:
2G

Reference:
Plans: AirX (2020), Geocon, Inc. (2018)

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LEGEND:

-  **AX-B-35**
(49) Location of AirX Boring
(Depth Shallowest Utility, inches)
-  **GC-B-4**
(15) Location of Gecon Boring
(Subgrade R-Value)

49+00
 Project Stationing



NOTE: All Locations are approximate.

Date: September, 2021
By: ACF
Job No.: 180322P4-4-1R5



SUBSURFACE EXPLORATION MAP

Street Reconstruction Group 1801
Parkdale Avenue, Gold Coast Drive, and Cul-De-Sacs
San Diego, California



Figure:
2H

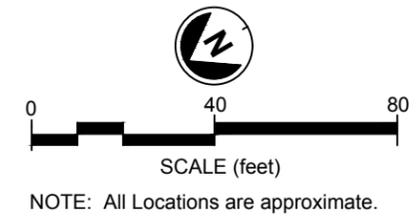
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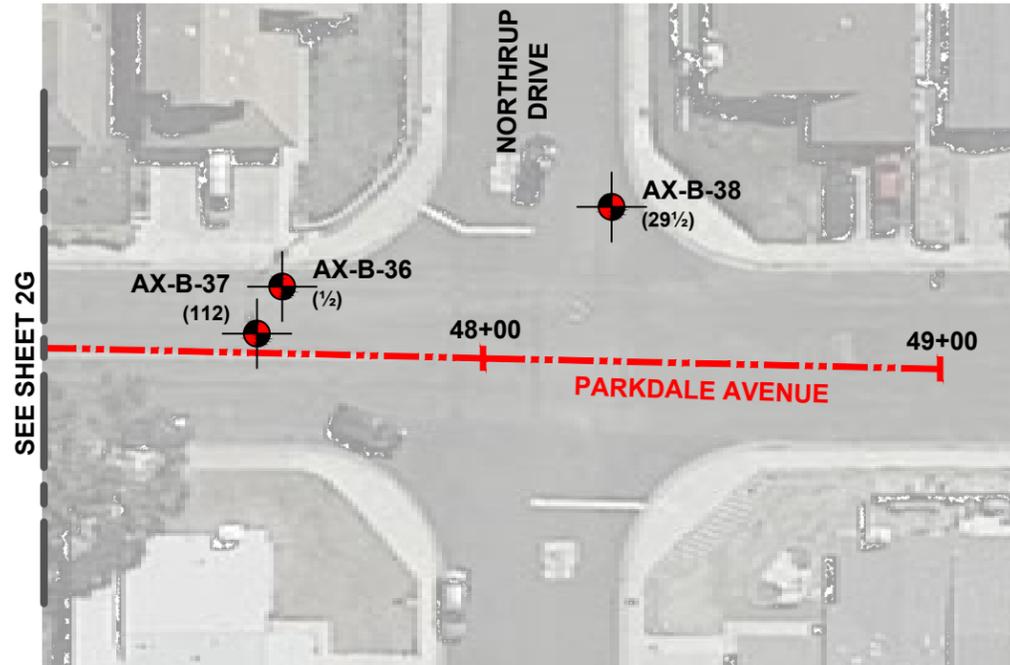
LEGEND:

 **AX-B-38**
(2) Location of AirX Boring
(Depth Shallowest Utility, inches)

 **49+00**
Project Stationing



Date: September, 2021
By: ACF
Job No.: 180322P4.4-1R5



SUBSURFACE EXPLORATION MAP
Street Reconstruction Group 1801
Parkdale Avenue, Gold Coast Drive, and Cul-De-Sacs
San Diego, California



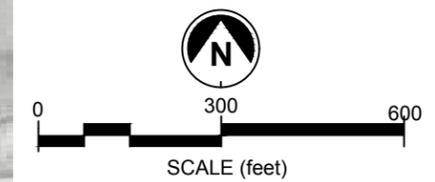
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21



Reference:
Plans: AirX (2020), Geocon, Inc. (2018)

LEGEND:

Failing



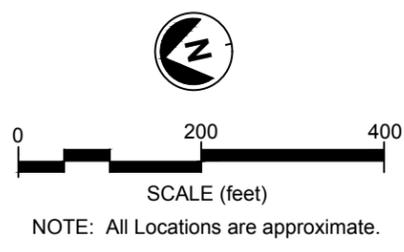
NOTE: All Locations are approximate.

Date: September, 2021
By: ACF
Job No.: 180322P4.4-1R5

PAVEMENT SURFACE CONDITION MAP
Street Reconstruction Group 1801
Parkdale Avenue, Gold Coast Drive, and Cul-De-Sacs
San Diego, California



Figure:
3A



- LEGEND:**
- Good pavement
 - Failing
 - Failing, Recently Slurry Sealed

Date: September, 2021
 By: ACF
 Job No.: 180322P4.4-1R5

PAVEMENT SURFACE CONDITION MAP
 Street Reconstruction Group 1801
 Parkdale Avenue, Gold Coast Drive, and Cul-De-Sacs
 San Diego, California

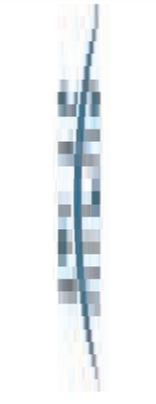


Figure:
3B

Reference:
 Plans: AirX (2020), Geocon, Inc. (2018)

20 YEAR DESIGN LIFE

Street	Extent		Traffic Index ^(a)	Design R-value	PAVEMENT SECTION RECOMMENDATIONS FOR RECONSTRUCTION ^(f)				
	Nearest Cross Street	Nearest Cross Street			Full-Depth Reclamation (FDR) ^(b)		Shallow Utility Conflicts		
					AC over FDR (inches)	Utility Clearance Required (inches)	AC over 3-Sack Slurry ^(c) (inches)	Minimum PCC ^(d) (inches)	AC over AB ^(e) (inches)
Parkdale Avenue	Northrup Drive	Port Royale Drive	7.0	13	4 / 9	21	4 / 9	7½	4 / 14
Parkdale Avenue	Flanders Drive	Mira Mesa Boulevard	7.0	4	4 / 12	24	4 / 12	7½	4 / 16
Gold Coast Drive	Camino Ruiz	Lipscomb Drive	9.0	1	8 / 12	28	8 / 12	8½	8 / 18
Gold Coast Drive	Lipscomb Drive	Thanksgiving Lane	9.0	17	6 / 12	26	6 / 12	8½	6 / 16

Notes:

- (a) Traffic Index was assumed as described in the geotechnical report.
- (b) FDR should be designed to reach an unconfined compressive strength of at least 800 psi at 28-days
- (c) Minimum 3-sack slurry should be designed to reach an unconfined compressive strength of at least 800 psi at 28-days
- (d) PCC pavement should be designed to reach an modulus of rupture of at least 650 psi at 28-days.
- (e) Aggregated base shall be in accordance with the Standard Specifications for Public Works Construction, Section 200-2 – Crushed Miscellaneous Base. Alternatively, aggregate base shall conform to Class 2 Aggregate Base in Section 26-1.02 of the Standard Specifications of The State of California Department of Transportation.
- (f) Where two different structural sections are constructed adjacent to each other, the construction joint should be overlaid by a ½-inch-thick fine AC leveling course and a layer of recyclable geofabric such as GlasPave or equivalent. The geofabric manufacturer’s recommendations should be followed. The leveling course and the geofabric should extend at least 1 foot on either side of the construction joint.

AC : Asphalt Concrete
 AB: Aggregate Base

AREAS FOR REMEDIAL GRADING

Street	Extent	
	Nearest Cross Street	Nearest Cross Street
Parkdale Avenue	Calico Street	Mira Mesa Boulevard
Gold Coast Drive	Camino Ruiz	Drumcliff Avenue
Gold Coast Drive	Lipscomb Drive	Thanksgiving Lane

PAVEMENT RECOMMENDATIONS



Street Reconstruction Group 1801 San Diego, California		
By: DJR	Date: September, 2021	
Job Number: 180322P4.4-1R5	Figure: 4	



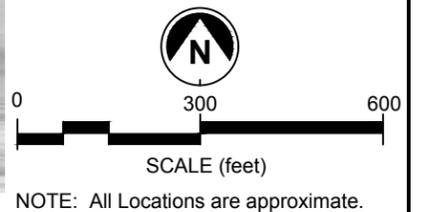
SEE BELOW



Reference:
Plans: AirX (2020), Geocon, Inc. (2018)

LEGEND:

	4" AC/ 9" FDR
	4" AC/ 12" FDR
 OR 	Remedial Grading Recommended

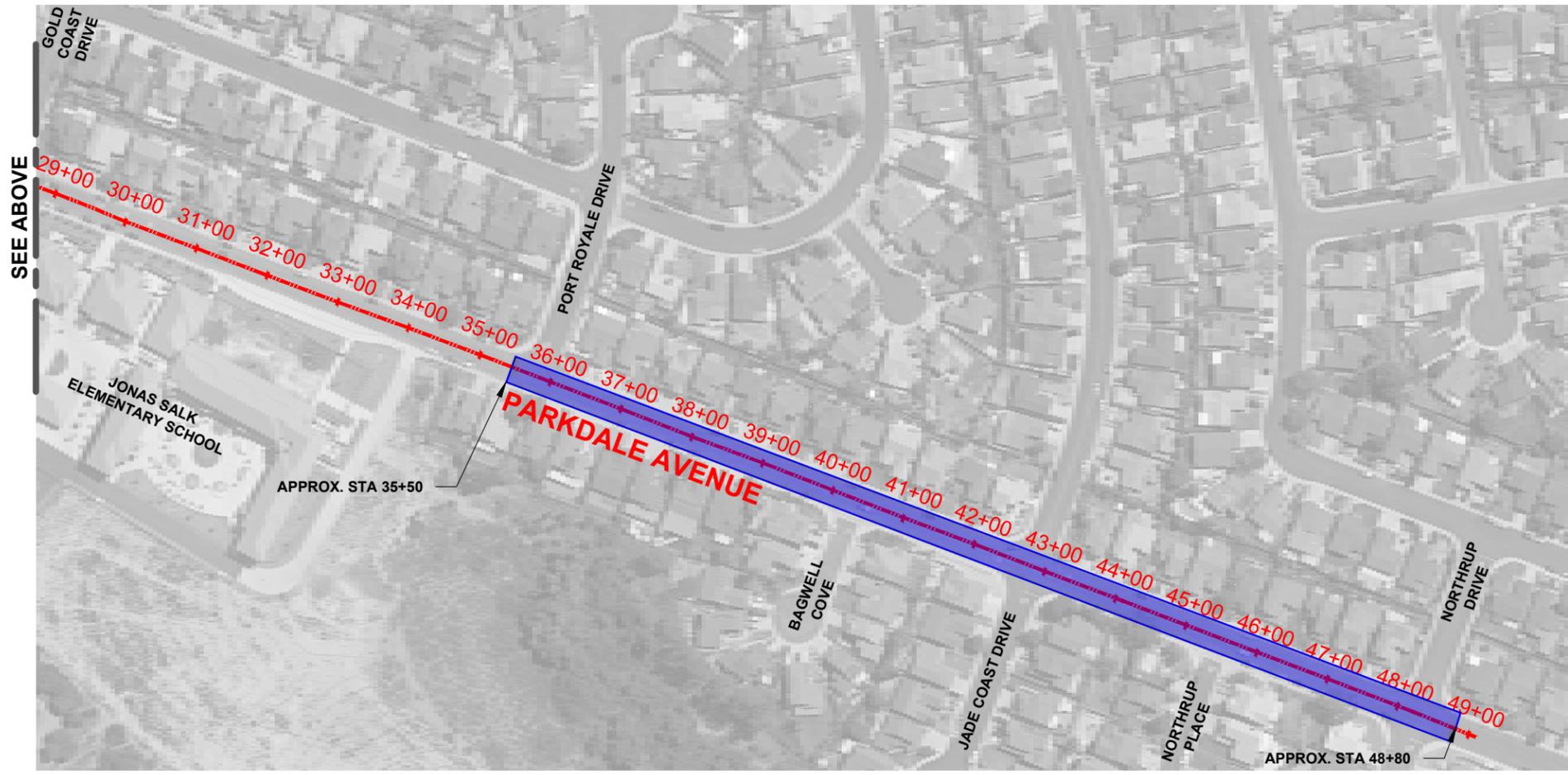
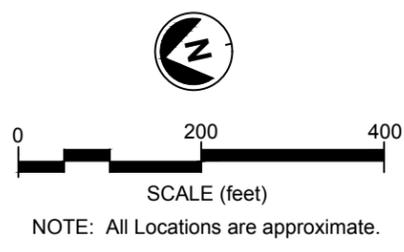


Date: September, 2021
By: ACF
Job No.: 180322P4.4-1R5

FDR PAVEMENT RECOMMENDATIONS MAP
Street Reconstruction Group 1801
Parkdale Avenue, Gold Coast Drive, and Cul-De-Sacs
San Diego, California



Figure:
5A



Reference:
Plans: AirX (2020), Geocon, Inc. (2018)

LEGEND:

- 4" AC/ 9" FDR
- 4" AC/ 12" FDR
- Remedial Grading Recommended

Date: September, 2021
By: ACF
Job No.: 180322P4.4-1R5

FDR PAVEMENT RECOMMENDATIONS MAP
Street Reconstruction Group 1801
Parkdale Avenue, Gold Coast Drive, and Cul-De-Sacs
San Diego, California

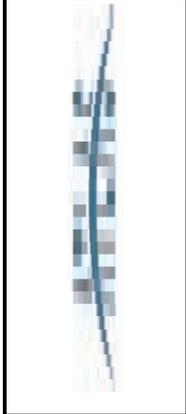


Figure:
5B

Reference:
Plans: AirX (2020), Geocon, Inc. (2018)

APPENDIX I
TABULAR SUMMARY OF RESULTS



Tabular Summary of Results

Parkdale Avenue															
Geocon/AirX Boring Number	Approximate Location (Station)	AC Thickness (inches)	PCC Thickness (inches)	Base Thickness (inches)	Geocon - Subgrade R-Value	Geocon - Geologic Unit	Geocon - Subgrade Classification (USCS)	AirX - Subgrade Material	AirX - Utility Type	AirX- Utility Depth (inches)	AirX - Top of Encasement (inches)	Atlas - AC Thickness (inches)	Atlas - PCC Thickness (inches)	Atlas - Base Thickness (inches)	Atlas - Subgrade Classification (USCS)
AX-B-21	9+75	2.5	5	-	-	-	-	Cobble/ Sand	Water	46	-	-	-	-	-
									Gas	Not Found	-	-	-	-	-
GC-B-10	11+60	4.5	-	5.5	17	Qvop	Silty Sand with Gravel and Cobbles (SM)	-	-	-	-	-	-	-	-
AX-B-22	13+05	5	-	5	-	-	-	Hard Cobble	Cox Fiber Optic	-	4	-	-	-	-
									AT&T	81	-	-	-	-	-
GC-B-9	13+15	4	-	5.5	4	Qvop	Silty Sand with Gravel and Cobbles (SM)	-	-	-	-	-	-	-	-
AX-B-23	14+25	-	4	-	-	-	-	Cobble/ Sand	AT&T, TV	34	-	-	-	-	-
									Gas	40	-	-	-	-	-
									Electric	54	-	-	-	-	-
GC-B-8	17+75	3.5	-	6	20	Qvop	Clayey Sand with Gravel (SC)	-	-	-	-	-	-	-	-
GC-B-7	21+85	3.5	-	7.5	16	Qudf	Clayey Sand with trace Gravel (SC)	-	-	-	-	-	-	-	-
AX-B-24	21+05	4	-	9	-	-	-	Cobble	AT&T-D	17	-	-	-	-	-
AX-B-25	21+15	3	-	4	-	-	-	Cobble	Water	41.5	-	-	-	-	-
AX-B-27	24+25	3	-	8	-	-	-	Cobble	TV	31	-	3½	-	6	Silty Gravel with Sand (GM)
									Gas	30	-	-	-	-	-
									Electric	48	-	-	-	-	-
AX-B-26	24+30	5	-	7	-	-	-	Cobble	AT&T-D	19.5	-	3½	-	4	Silty Gravel with Sand (GM)
AX-B-28	26+50	2	-	-	-	-	-	Cobble	AT&T-D	18.5	-	-	-	-	-
GC-B-6	27+10	3.5	-	6.5	16	Qudf	Clayey Sand with trace Gravel (SC)	-	-	-	-	-	-	-	-
AX-B-29	28+40	-	4	-	-	-	-	Cobble	Gas	28	-	-	4	4 CTB	Silty Gravel with Sand (GM)
									Electric	49	-	-	-	-	-
									AT&T-D, TV	25	-	-	-	-	-
GC-B-5	30+30	3.5	-	7	6	Qudf	Clayey Sand to Sandy Clay (SC/CL)	-	-	-	-	-	-	-	-
GC-B-4	34+20	3.5	-	7	15	Qudf	Clayey Sand to Sandy Clay with trace Gravel (SC/CL)	-	-	-	-	-	-	-	-
AX-B-30	34+50	2	4	6	-	-	-	Cobble	Sewer Lateral	63	-	-	-	-	-
									AT&T-D	18	-	-	-	-	-
AX-B-31	35+50	6	-	4	-	-	-	Sand	Gas	35	-	-	-	-	-
									Electric	48	-	-	-	-	-
									Electric	50	-	-	-	-	-
									AT&T-D	48	-	-	-	-	-
									TV/ Fiber Optic	32	-	-	-	-	-
GC-B-3	38+10	3.5	-	6.5	13	Qudf	Clayey Sand to Sandy Clay with trace Gravel (SC/CL)	-	-	-	-	-	-	-	-
AX-B-32	41+15	5	-	-	-	-	-	Sand	AT&T	-	1	-	-	-	-
									Water	45	-	-	-	-	-
GC-B-2	41+85	3	-	6	28	Qudf	Clayey Sand with trace Gravel (SC)	-	-	-	-	-	-	-	-
AX-B-33	42+45	3	-	9	-	-	-	Cobble/ Sand	Gas	41	-	-	-	-	-
									TV/ Fiber Optic	38	-	-	-	-	-
									Electric	52.5	-	-	-	-	-
									Telecom	56	-	-	-	-	-



Tabular Summary of Results

Parkdale Avenue															
Geocon/AirX Boring Number	Approximate Location (Station)	AC Thickness (inches)	PCC Thickness (inches)	Base Thickness (inches)	Geocon - Subgrade R-Value	Geocon - Geologic Unit	Geocon - Subgrade Classification (USCS)	AirX - Subgrade Material	AirX - Utility Type	AirX- Utility Depth (inches)	AirX - Top of Encasement (inches)	Atlas - AC Thickness (inches)	Atlas - PCC Thickness (inches)	Atlas - Base Thickness (inches)	Atlas - Subgrade Classification (USCS)
GC-B-1	44+90	3	-	6	19	Qudf	Clayey Sand with trace Gravel (SC)	-	-	-	-	-	-	-	-
AX-B-34	45+45	3	-	-	-	-	-	Cobble	Water	48	-	3½	-	6	Silty Gravel with Sand (GM)
AX-B-35	45+50	3	-	-	-	-	-	Cobble	Gas	49	-	-	-	-	-
									TV	59	-				
									Electric	85	-				
									AT&T	61	-				
AX-B-37	48+50	3	-	8	-	-	-	Cobble	TV	8	-	-	-	-	-
									AT&T	-	8				
									Sewer Lateral	112	-				
AX-B-36	48+55	2	-	-	-	-	-	TV	TV	0.5	-	3	-	8	Silty Gravel with Sand (GM)
AX-B-38	48+25	3	-	8	-	-	-	Cobble	Gas	29.5	-	-	-	-	-
									Unknown	41	-				
									Electric	44	-				

Notes:
 Qudf = Undocumented Fill
 Qvop = Very Old Parallic Deposits
 AC = Asphalt Concrete
 PCC = Portland Concrete Cement
 CTB = Cement Treated Base



Tabular Summary of Results

Gold Coast Drive																
Geocon/AirX Boring Number	Approximate Location (Station)	AC Thickness (inches)	PCC Thickness (inches)	Base Thickness (inches)	Geocon - Subgrade R-Value	Geocon - Geologic Unit	Geocon - Contact Depth (feet)	Geocon - Subgrade Classification (USCS)	AirX - Subgrade Material	AirX - Utility Type	AirX - Utility Depth (inches)	AirX - Top of Encasement (inches)	Atlas - AC Thickness (inches)	Atlas - PCC Thickness (inches)	Atlas - Base Thickness (inches)	Atlas - Subgrade Classification (USCS)
AX-B-1	9+75	4	-	-	-	-	-	-	Cobble	TV	25.5	4	-	-	-	-
AX-B-2	10+40	5.5	7	-	-	-	-	-	Cobble	Gas	35	-	-	-	-	-
										Electric	31	-				
										Electric	38	-				
										Gas	53.5	-				
GC-B-11	11+20	3.5	-	6	15	Qudf/ Qvop	3.5	Silty Sand with Gravel (SM)/ Silty Sand with Gravel (SM)	-	-	-	-	-	-	-	-
GC-B-12	15+00	4.5	-	6	8	Qvop	-	Silty Sand with abundant Gravel (SM)	-	-	-	-	-	-	-	-
GC-B-13	18+95	3.5	-	8	3	Qudf/ Qvop	2.5	Sandy Clay (CL)/ Silty Sand with abundant Gravel (SM)	-	-	-	-	-	-	-	-
AX-B-3	19+95	3.5	-	-	-	-	-	-	Clay	Electric	45	-	-	6	-	Sandy Clay (CL)
GC-B-14	23+05	4.5	-	7.5	-	Qudf	-	Silty Clay (CL)	-	Gas	34	-	-	-	-	-
										Electric	-	-				
AX-B-4	24+90	-	5	-	-	-	-	-	Clay	AT&T-D	24	-	-	-	-	-
										Gas	25	-				
										Electric	37.5	-				
GC-B-15	27+10	3.5	-	7	1	Qudf	-	Silty Clay (CL)	-	-	-	-	-	-	-	-
AX-B-5	27+50	3	-	-	-	-	-	-	Clay	TV	43	-	5	-	4½	Clayey Sand (SC)
										Electric	49	-				
										Gas	43	-				
										TV	-	3.5				
AX-B-7	30+10	-	5	-	-	-	-	-	Clay/ Rock	AT&T-D	33.5	-	-	-	-	-
										Gas	35.5	-				
										Electric	43	-				
AX-B-8	30+25	3	-	-	-	-	-	-	Clay	TV	-	3.5	-	-	-	-
										TV	-	3.5				
AX-B-6	30+50	3	-	10	-	-	-	-	Cobble	Water	57	-	-	-	-	-
GC-B-16	31+25	4	-	5	4	Qudf	-	Clayey Sand to Sandy Clay (SC/CL)	-	-	-	-	-	-	-	-
GC-B-17	34+75	5	-	7	4	Qudf/ Qvop	-	Silty Sand with Gravel (SM)/ Silty Sand with trace Gravel (SM)	-	-	-	-	-	-	-	-
GC-B-18	37+50	4	-	5.5	4	Qudf	-	Sandy Clay (CL)	-	-	-	-	-	-	-	-
AX-B-9	41+60	4.5	-	-	-	-	-	-	Clay	Gas	40	-	4	-	6	Clayey Sand (SC)
										Electric	49	-				
										AT&T-D	42	-				
AX-B-10	41+90	5	-	-	-	-	-	-	Hard Clay	Sewer Service Lateral	64.5	-	-	-	-	-
AX-B-11	42+00	5	-	-	-	-	-	-	Hard Clay	Water	42.5	-	-	-	-	-
GC-B-19	43+20	3	-	8	9	Qudf/ Qvop	2.5	Sandy Clay (CL)/ Silty Sand (SM)	-	-	-	-	-	-	-	-
AX-B-39	46+90	9	-	-	-	-	-	-	Cobble	Gas	25	-	-	-	-	-
										AT&T	25	-				
										AT&T	16.5	-				
GC-B-21	47+05	4	-	7	4	Qudf/ Qvop	2.5	Clayey Sand (SC)/ Silty Sand with Gravel (SM)	-	-	-	-	-	-	-	-
AX-B-12	50+05	9	-	-	-	-	-	-	Cobble	Sewer Service Lateral	Not Found	-	-	-	-	-



Tabular Summary of Results

Gold Coast Drive																
Geocon/AirX Boring Number	Approximate Location (Station)	AC Thickness (inches)	PCC Thickness (inches)	Base Thickness (inches)	Geocon - Subgrade R-Value	Geocon - Geologic Unit	Geocon - Contact Depth (feet)	Geocon - Subgrade Classification (USCS)	AirX - Subgrade Material	AirX - Utility Type	AirX - Utility Depth (inches)	AirX - Top of Encasement (inches)	Atlas - AC Thickness (inches)	Atlas - PCC Thickness (inches)	Atlas - Base Thickness (inches)	Atlas - Subgrade Classification (USCS)
AX-B-13	50+40	-	7	-	-	-	-	-	Cobble	Gas	42.5	-	-	-	-	-
										Electric	46.5	-				
										AT&T-D	48	-				
GC-B-24	51+20	4	-	4	17	Qudf/Qvop	1.5	Clayey Sand (SC)/ Silty Sand with Gravel (SM)	-	-	-	-	-	-	-	-
GC-B-25	54+60	4.5	-	5.5	29	Qvop	-	Silty Sand with Gravel (SM)	-	-	-	-	-	-	-	-
AX-B-14	58+05	-	5.5	-	-	-	-	-	Cobble	Gas	35	-	-	-	-	-
										Electric	42	-				
GC-B-26	58+95	3.5	-	6	25	Qvop	-	Sandy Gravel with Clay (GP)	-	-	-	-	-	-	-	-
AX-B-15	60+50	-	5	-	-	-	-	-	Cobble	Gas	41	-	-	-	-	-
										Electric	53	-				
GC-B-27	64+25	3.5	-	7	35	Qvop	-	Sand with Gravel (SP)	-	-	-	-	-	-	-	-
AX-B-16	65+95	5	-	12	-	-	-	-	Cobble	Unknown	23.5	-	-	-	-	-
										Water	36	-				
										Sewer Service Lateral	Not Found	-				
AX-B-17	66+40	6	-	10	-	-	-	-	Cobble	Water	38	-	-	-	-	-
GC-B-28	67+25	3.5	-	7.5	5	Qudf	-	Sandy Clay with Gravel (CL)	-	-	-	-	-	-	-	-
AX-B-18	68+25	-	6	-	-	-	-	-	Cobble	Gas	31	-	5	-	-	Silty Sand with Gravel (SM)
										Electric	41.5	-				
										Electric	45	-				
										Reclaimed Water	35	-				
AX-B-19	68+75	6	-	-	-	-	-	-	Cobble	Electric	50	-	-	-	-	-
										Gas	33.5	-				
GC-B-29	71+05	5	-	7	37	Qvop	-	Silty Sand with Gravel (SM)	-	-	-	-	-	-	-	-
AX-B-20	71+10	5	-	5	-	-	-	-	Cobble	AT&T-D	19.5	-	-	-	-	-
										Water	33	-				

Notes:
 Qudf = Undocumented Fill
 Qvop = Very Old Parallic Deposits
 AC = Asphalt Concrete
 PCC = Portland Concrete Cement

APPENDIX J

PIPE ALLOWABLE EXTERNAL LOAD TABLE

PIPE ALLOWABLE EXTERNAL LOAD TABLE															
Depth of Burial (in)		Pipe Dia (in)													
		ACP					PVC Sewer				PVC Water				
		6	8	10	12	14	18	6		8		6		8	
		lbs	lbs	lbs	lbs	lbs	lbs	psi	lbs	psi	lbs	psi	lbs	psi	lbs
6		7100	5450	5250	5300	4700	1750	13.5	1018	13.8	1040	15.2	1146	14.8	1116
12		8550	6700	5950	6000	5050	1720	13	3921	13.3	4011	14.8	4464	14.7	4433
18		11300	8300	7150	7350	6300	1470	12.5	8482	12.9	8754	14.3	9704	14.3	9704
24		13050	9500	8450	8900	7400	1110	12.4	14959	12.4	14959	13.9	16769	13.8	16648
30		17650	12800	10900	11850	9100	240	11.9	22431	11.9	22431	13.3	25070	13.4	25258
36		21500	15900	12700	13750	11100	-	11.5	31215	11.5	31215	12.9	35015	12.9	35015
42		23650	17450	14950	16550	11000	-	11	40640	11	40640	12.4	45812	12.4	45812
48		31250	20000	16750	19000	12800	-	10.6	51150	10.6	51150	12	57906	12	57906
54		32400	20800	16300	19450	14200	-	10.1	61683	10.1	61683	11.5	70233	11.5	70233
60		3560	20100	16250	20000	13850	-	9.6	72382	9.6	72382	11	82938	11	82938

*Allowable loads for PVC are given per the Modified Iowa equation¹ in units of psi. To convert to lbs, the Boussinesq's equation² was used at the subject depth.

References:

1. Handbook of PVC Pipe Design and Construction, 5th Edition
2. V.N.S. Murthy, "Principles and Practices of Soil Mechanics and Foundation Engineering"

APPENDIX K

ADVANCED METERING INFRASTRUCTURE (AMI) DEVICE PROTECTION

Protecting AMI Devices in Meter Boxes and on Street Lights

The Public Utilities Department (PUD) has begun the installation of the Advanced Metering Infrastructure (AMI) technology as a new tool to enhance water meter reading accuracy and efficiency, customer service and billing, and to be used by individual accounts to better manage the efficient use of water. **All AMI devices shall be protected per Section 402-2, "Protection", of the 2021 Whitebook.**

AMI technology allows water meters to be read electronically rather than through direct visual inspection by PUD field staff. This will assist PUD staff and customers in managing unusual consumption patterns which could indicate leaks or meter tampering on a customer's property.

Three of the main components of an AMI system are the:

- A. Endpoints, see Photo 1:

Photo 1



B. AMI Antenna attached to Endpoint (antenna not always required), see Photo 2:



Network Devices, see Photo 3:

Photo 3



AMI endpoints transmit meter information to the AMI system and will soon be on the vast majority of meters in San Diego. These AMI devices provide interval consumption data to the PUD's Customer Support Division. If these devices are damaged or communication is interrupted, this Division will be alerted of the situation. The endpoints are installed in water meter boxes, coffins, and vaults adjacent to the meter. A separate flat round antenna may also be installed through the meter box lid. This antenna is connected to the endpoint via cable. The following proper installation shall be implemented when removing the lid to avoid damaging the antenna, cable, and/or endpoint. Photo 4 below demonstrates a diagram of the connection:

Photo 4



The AMI device ERT/Endpoint/Transmitter shall be positioned and installed as discussed in this Appendix. If the ERT/Endpoint/Transmitter is disturbed, it shall be re-installed and returned to its original installation with the end points pointed upwards as shown below in Photo 5.

The PUD's code compliance staff will issue citations and invoices to you for any damaged AMI devices that are not re-installed as discussed in the Contract Document

Photo 5 below shows a typical installation of an AMI endpoint on a water meter.

Photo 5



Photo 6 below is an example of disturbance that shall be avoided:

Photo 6



You are responsible when working in and around meter boxes. If you encounter these endpoints, use proper care and do not disconnect them from the registers on top of the water meter. If the lid has an antenna drilled through, do not change or tamper with the lid and inform the Resident Engineer immediately about the location of that lid. Refer to Photo 7 below:

Photo 7



Another component of the AMI system are the Network Devices. The Network Devices are strategically placed units (mainly on street light poles) that collect interval meter reading data from multiple meters for transmission to the Department Control Computer. **If you come across any of these devices on street lights that will be removed or replaced (refer to Photos 8 and 9 below), notify AMI Project Manager Arwa Sayed at (619) 362-0121 immediately.**

Photo 8 shows an installed network device on a street light. On the back of each Network Device is a sticker with contact information. See Photo 9. **Call PUD Water Emergency Repairs at 619-515-3525 if your work will impact these street lights.** These are assets that belong to the City of San Diego and you shall be responsible for any costs of disruption of this network.

Photo 8



Network Device

Photo 9



If you encounter any bad installations, disconnected/broken/buried endpoints, or inadvertently damage any AMI devices or cables, notify the Resident Engineer immediately. The Resident Engineer will then immediately contact the AMI Project Manager, Arwa Sayed, at (619) 362-0121.

APPENDIX L
SWPPP CONSTRUCTION BMP MAINTENANCE LOG

SWPPP Construction BMP Maintenance Log

Examples of construction BMP maintenance activities include but are not limited to tasks listed below. The contractor is ultimately responsible for compliance with the Storm Water Standards Manual and/or the Construction General Permit, and for ensuring all BMPs function per manufacturer's specifications. Use the attached log to schedule and document maintenance activities. The log shall be kept with the project SWPPP document at all times.

Construction BMP Maintenance Activities

- Maintain stabilized construction entrances/exits
- Redress gravel/rock to full coverage and remove any sediment accumulation
- Remove and replace geotextile/compost blanket/plastic with holes or tears
- Redress and restabilize erosion or rilling greater than 1-inch deep
- Reapply hydraulic stabilization products to full coverage
- Remove and replace silt fence/fiber roll/gravel bags/etc. with holes or tears
- Reinstall or replace silt fence/fiber roll/etc. with sags
- Remove sediment accumulation from perimeter controls
- Remove sediment accumulation from storm drain inlet protection and check dams
- Remove sediment accumulation from energy dissipators
- Repair or remove any vehicle/equipment that leaks
- Remove any accumulation in drip pans or containment
- Empty concrete washouts when they reach 75% capacity
- Empty waste disposal containers when they reach 95% capacity

Construction BMP Maintenance Log

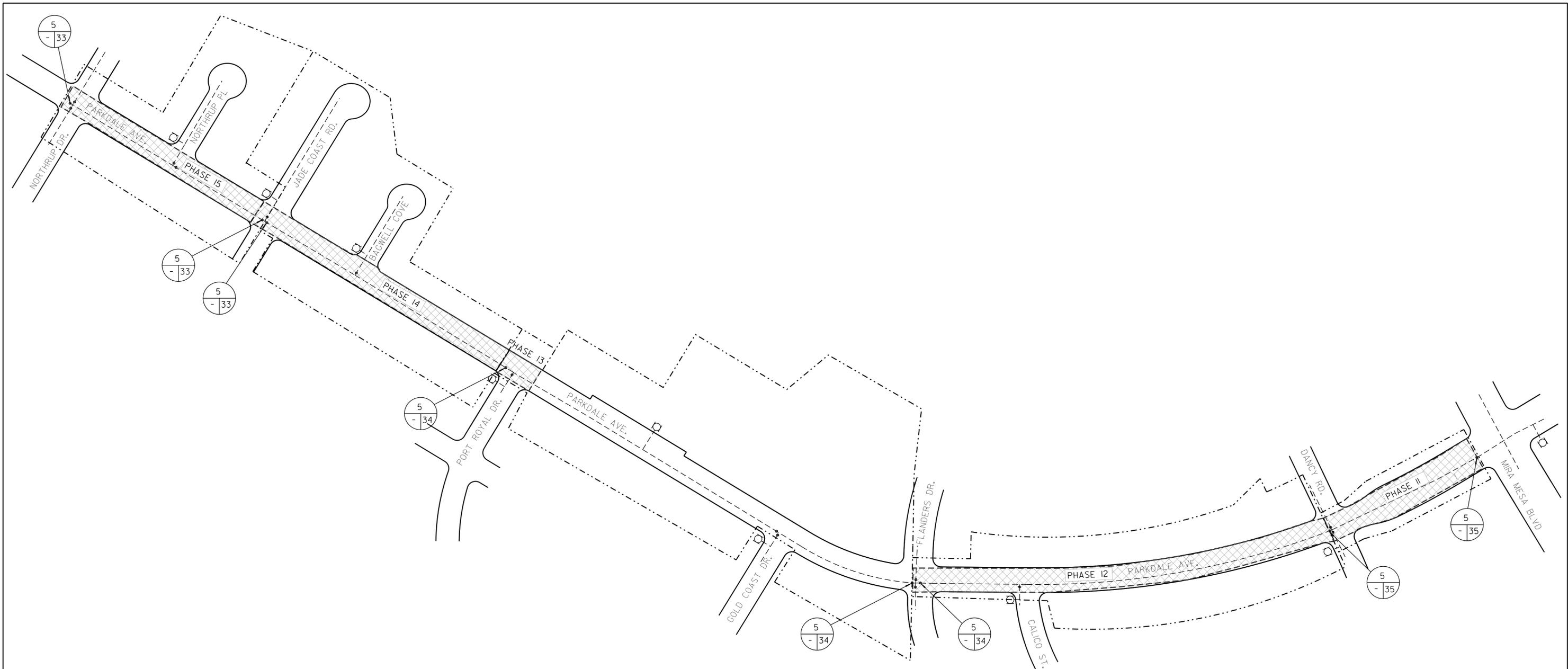
Project Title:

WBS/IO No:

WDID:

Scheduled Date/Time	Completion Date/Time	Location	Maintenance Tasks Performed	Logged By

APPENDIX M
SEQUENCE OF WORK



WORK BY CITY FORCES

- 1 BC - TEE/CROSS CUT-IN, OPEN/CLOSE VALVE(S)
AC - RECONNECT, OPEN VALVE(S)
- 2 BC - CUT & PLUG
AC - RECONNECT
- 3 BC - CUT AND ABANDON
- 4 AC - WET TAP
- 5 BC - CLOSE EX. VALVE (REPLACE IF NEEDED)
AC - OPEN EX. VALVE
- 6 AC - RECONNECT

LEGEND

- EXISTING WATER MAIN
- PROPOSED WATER MAIN
- FIRE HYDRANT TO REMAIN IN SERVICE DURING CONSTRUCTION

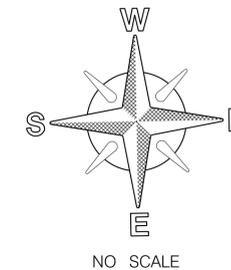
- 2 CITY FORCES NOTE NUMBER (THIS SHEET)
- 27/18 PLAN & PROFILE SHEET NIMBER
- DETAIL SHEET NUMBER

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

LEGEND

- WATER HIGHLINE BOUNDARY
- FDR PHASING LIMITS

NOTE:
EXISTING WATER MAIN TO REMAIN IN SERVICE
WHILE IN CONSTRUCTION ON GOLD COAST DR.
BETWEEN CAMINO RUIZ AND THANKSGIVING LN.



SEQUENCE OF WORK
STREET RECONSTRUCTION GROUP 1801
WORK BY CITY FORCES PLAN
PARKDALE AVE.

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING & CAPITAL PROJECTS DEPARTMENT
SHEET 2 OF 2 SHEETS

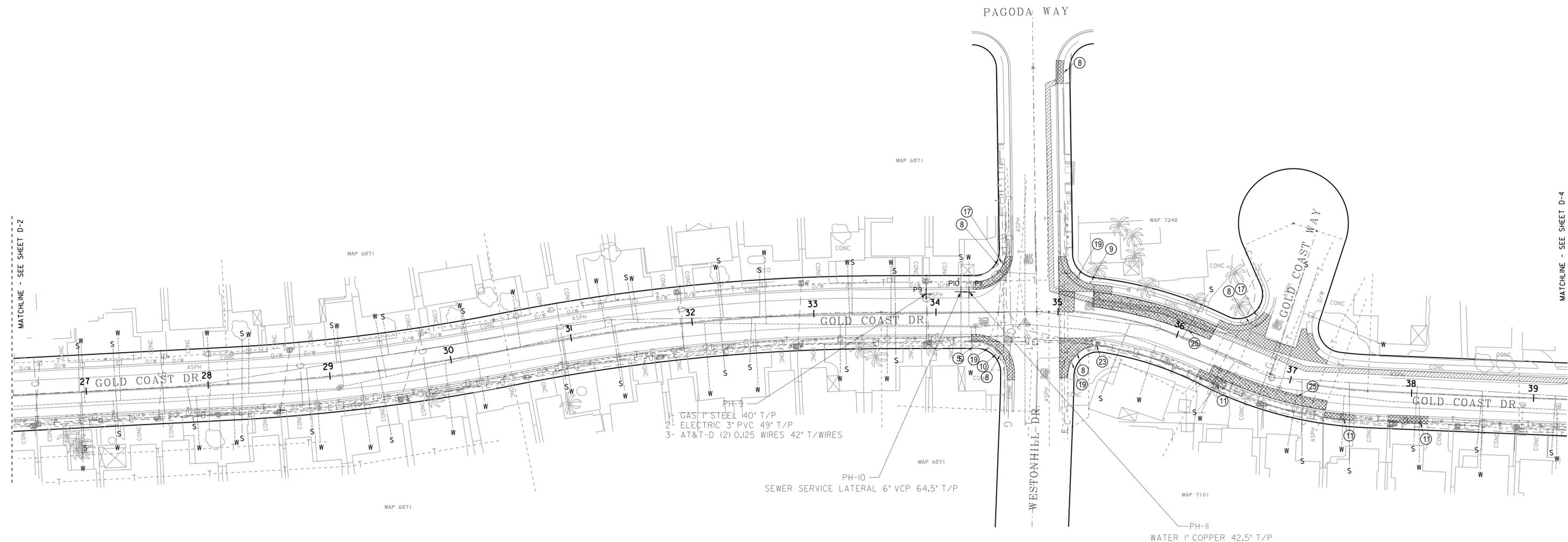
APPROVED FOR CITY ENGINEER MASTANEH ASHRAFFZADEH PRINT DCE NAME	DATE 8/7/18 RCE#	PROJECT MANAGER CHUN YU CHAN
DESCRIPTION ORIGINAL	BY HS/FJ	PROJECT ENGINEER HOSSAI SHERZAI
	APPROVED	DATE
	FILMED	
CONTRACTOR		DATE STARTED
INSPECTOR		DATE COMPLETED

WBS# B-17188

266-1719
210-1719
6280407-1906444
6280407-1910444

APPENDIX N

SDGE FACILITY PROTECT IN PLACE AND STANDBY LOCATION REFERENCE

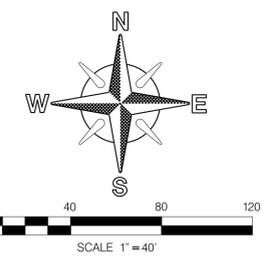


DEMOLITION NOTES:

- ⑤ PROTECT IN PLACE FIRE HYDRANT
- ⑧ PROTECT IN PLACE EXISTING FENCE/WALL
- ⑨ PROTECT IN PLACE UTILITY RISER
- ⑩ PROTECT IN PLACE STREET LIGHT POLE
- ⑪ ADJUST TO GRADE WATER METER PULL BOX
- ⑰ PROTECT IN PLACE TRAFFIC SIGN POST
- ⑲ RELOCATE TRAFFIC SIGN POST
- ⑳ PROTECT IN PLACE UTILITY PULL BOX
- ㉕ PROTECT IN PLACE WATER/SEWER LINE

DEMOLITION LEGEND:

- AREA TO BE DEMOLISHED
- STORM DRAIN TRENCH AREA



D-3

<p>PLANS FOR THE CONSTRUCTION OF STREET RECONSTRUCTION GROUP 1801 DEMOLITION PLAN GOLD COAST DR. - SITE 1</p>				
<p>CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS SHEET 4 OF 45 SHEETS</p>			<p>WBS# B-17188</p>	
APPROVED: _____ DATE _____ FOR CITY ENGINEER _____ MASTANEH ASHRAFAZADEH 81748 PRINT DCE NAME RCE#		SUBMITTED BY: CHUN YU CHAN PROJECT MANAGER SOLOMON KUMBI PROJECT ENGINEER 266-1725 CCS27 COORDINATE 6286407-1906444 CCS83 COORDINATE		
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	SK/TD			
CONTRACTOR _____		DATE STARTED _____		41356-04-D
INSPECTOR _____		DATE COMPLETED _____		

ATTACHMENT F

RESERVED

ATTACHMENT G
CONTRACT AGREEMENT

ATTACHMENT G
CONTRACT AGREEMENT

CONSTRUCTION CONTRACT

This Phase-Funded contract is made and entered into between THE CITY OF SAN DIEGO, a municipal corporation, herein called "City", and Tri-Group Construction & Development, Inc., herein called "Contractor" for construction of **Street Reconstruction Group 1801**; Bid No. **K-23-1963-DBB-3**; in the total amount Ten Million Four Hundred Thirty Five Thousand Three Hundred Sixty Seven Dollars and Twenty Cents (\$10,435,367.20), which is comprised of the Base Bid plus Additive Alternates A and C plus Deductive Alternate B, consisting of an amount not to exceed \$10,435,367.20 for Phase I.

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 instruction to Bidders and the Supplementary Special Provisions (SSP).
 - (d) Phased Funding Schedule Agreement
 - (e) That certain documents entitled **Street Reconstruction Group 1801**, on file in the office of the City Clerk as Document No. **K-23-1963-DBB-3**, as well as all matters referenced therein.
2. The City wishes to construct this Project on a Phase-Funded basis. In accordance with Whitebook section 7-3.10, the City is only obligated to pay for Phase I; Contractor cannot begin, nor is the City financially liable for any additional Phases, unless and until Contractor is issued a Notice to Proceed for each additional Phase by the City.
3. 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 **Street Reconstruction Group 1801**, Bid Number **K-23-1963-DBB-3** San Diego, California.
4. 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. (See WHITEBOOK, Section 7-3.10, Phased Funding Compensation).

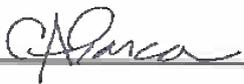
CONTRACT AGREEMENT (continued)

- 5. 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.
- 6. This contract is effective as of the date that the Mayor or designee signs the agreement and is approved by the City Attorney in accordance with San Diego Charter Section 40.

IN WITNESS WHEREOF, this Agreement is signed by the City of San Diego, acting by and through its Mayor or designee, pursuant to Municipal Code **§22.3102** authorizing such execution.

THE CITY OF SAN DIEGO

APPROVED AS TO FORM

By 

Mara W. Elliott, City Attorney
By 

Print Name: Claudia Abarca
Director
Purchasing & Contracting Department

Print Name: Ryan P. Gerrity
Deputy City Attorney

Date: October 17, 2022

Date: October 24, 2022

CONTRACTOR

By 

Print Name: HANI ASSI

Title: SECRETARY OF CORPORATION

Date: 9/21/2022

City of San Diego License No.: B2003004679

State Contractor's License No.: 792159

DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REGISTRATION NUMBER: 100004777

CERTIFICATIONS AND FORMS

The Bidder, by submitting its electronic bid, agrees to and certifies under penalty of perjury under the laws of the State of California, that the certifications, forms and affidavits submitted as part of this bid are true and correct.

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.

**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

The bidder, being first duly sworn, deposes and says that he or she is authorized by 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.

CONTRACTOR CERTIFICATION

COVID-19 VACCINATION ORDINANCE

CERTIFICATION OF COMPLIANCE

I hereby certify that I am familiar with the requirements of San Diego Ordinance No. O-21398 implementing the City's Mandatory COVID-19 Vaccination Policy.

TERMS OF COMPLIANCE

The City's Mandatory COVID-19 Vaccination Policy, outlined in San Diego Ordinance O-21398 (Nov. 29, 2021), requires ALL City contractors, who interact in close contact with City employees while providing contracted services indoors in City facilities or while performing bargaining unit work while indoors, to be fully vaccinated against COVID-19, effective January 3, 2022, as a condition for provision or continued provision of contracted services.

1. "City contractor" means a person who has contracted with the City of San Diego to provide public works, goods, services, franchise, or consultant services for or on behalf of the City, and includes a subcontractor, vendor, franchisee, consultant, or any of their respective officers, directors, shareholders, partners, managers, employees, or other individuals associated with the contractor, subcontractor, consultant, or vendor. "Person" means any natural person, firm, joint venture, joint stock company, partnership, association, club, company, corporation business trust or organization.
2. "Fully vaccinated" means a person has received, at least 14 days prior, either the second dose in a two-dose COVID-19 vaccine series or a single-dose COVID-19 vaccine, or otherwise meets the criteria for full vaccination against COVID-19 as stated in applicable public health guidance, orders, or law. Acceptable COVID-19 vaccines must be approved by the U.S. Food and Drug Administration (FDA) or authorized for emergency use by the FDA or the World Health Organization.
3. "Close contact" means a City contractor is **within 6 feet** of a City employee for a **cumulative total of 15 minutes or more over a 24-hour period** (for example, three individual 5-minute exposures for a total of 15 minutes).
4. City contractors who interact in close contact with City employees must fully comply with the City's Mandatory COVID-19 Vaccination Policy, which may include a reporting program that tracks employee vaccination status.
5. City contractors with employees or subcontractors who interact in close contact with City employees must certify that those members of their workforce, and subcontractors regardless of tier, who work indoors at a City facility, are fully vaccinated and that the City contractor has a program to track employee compliance.
6. City contractors that have an Occupational Safety and Health Administration compliant testing program for members of their workforce, as a reasonable accommodation, may be considered for compliance.

Non-compliance with the City's Mandatory COVID-19 Vaccination Policy may result in termination of a contract for cause, pursuant to the City's General Terms and Provisions, Reference Standards, and the San Diego Municipal Code.

CONTRACTOR CERTIFICATION

DRUG-FREE WORKPLACE

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 5-1.3, "Drug-Free Workplace", of the project specifications, and that;

This company 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.

CONTRACTOR CERTIFICATION

AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANCE CERTIFICATION

I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-4 regarding the Americans With Disabilities Act (ADA) outlined in the WHITEBOOK, Section 5-1.2, "California Building Code, California Code of Regulations Title 24 and Americans with Disabilities Act". of the project specifications, and that:

This company 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.

CONTRACTOR CERTIFICATION

CONTRACTOR STANDARDS – PLEDGE OF COMPLIANCE

I declare under penalty of perjury that I am authorized to make this certification on behalf of the company submitting this bid/proposal, that as Contractor, I am familiar with the requirements of City of San Diego Municipal Code § 22.3004 regarding Contractor Standards as outlined in the WHITEBOOK, Section 5-1.4, ("Contractor Standards and Pledge of Compliance"), of the project specifications, and that Contractor has complied with those requirements.

I further certify that each of the Contractor's subcontractors has completed a Pledge of Compliance attesting under penalty of perjury of having complied with City of San Diego Municipal Code § 22.3004.

CONTRACTOR CERTIFICATION

EQUAL BENEFITS ORDINANCE CERTIFICATION

I declare under penalty of perjury that I am familiar with the requirements of and in compliance with the City of San Diego Municipal Code § 22.4300 regarding Equal Benefits Ordinance.

CONTRACTOR CERTIFICATION

EQUAL PAY ORDINANCE CERTIFICATION

Contractor shall comply with the Equal Pay Ordinance (EPO) codified in the San Diego Municipal Code (SDMC) at section 22.4801 through 22.4809, unless compliance is not required based on an exception listed in SDMC section 22.4804.

Contractor shall require all of its subcontractors to certify compliance with the EPO in their written subcontracts.

Contractor must post a notice informing its employees of their rights under the EPO in the workplace or job site.

By signing this Contract with the City of San Diego, Contractor acknowledges the EPO requirements and pledges ongoing compliance with the requirements of SDMC Division 48, section 22.4801 et seq., throughout the duration of this Contract.

CONTRACTOR CERTIFICATION

PRODUCT ENDORSEMENT

I declare under penalty of perjury that I acknowledge and agree to comply with the provisions of City of San Diego Administrative Regulation 95.65, concerning product endorsement. Any advertisement identifying or referring to the City as the user of a product or service requires the prior written approval of the City.

AFFIDAVIT OF DISPOSAL

(To be submitted upon completion of Construction pursuant to the contracts Certificate of Completion)

WHEREAS, on the _____ DAY OF _____, 2____ the undersigned entered into and executed a contract with the City of San Diego, a municipal corporation, for:

_____ **Street Reconstruction Group 1801** _____
(Project Title)

as particularly described in said contract and identified as Bid No. **K-23-1963-DBB-3**; SAP No. (WBS) **B-17188**; and **WHEREAS**, the specification of said contract requires the Contractor to affirm that "all brush, trash, debris, and surplus materials resulting from this project have been disposed of in a legal manner"; and **WHEREAS**, said contract has been completed and all surplus materials disposed of:

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

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

Dated this _____ DAY OF _____, _____.

By: _____
Contractor

ATTEST:

State of _____ County of _____

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

Notary Public in and for said County and State

COMPANY LETTERHEAD

CERTIFICATE OF COMPLIANCE

Materials and Workmanship Compliance

For Contract or Task _____

I certify that the material listed below complies with the materials and workmanship requirements of the Caltrans Contract Plans, Special Provisions, Standard Specifications, and Standard Plans for the contract listed above.

I also certify that I am an official representative for _____, the manufacturer of the material listed above. Furthermore, I certify that where California test methods, physical or chemical test requirements are part of the specifications, that the manufacturer has performed the necessary quality control to substantiate this certification.

Material Description:

Manufacturer: _____
Model: _____
Serial Number (if applicable) _____
Quantity to be supplied: _____
Remarks: _____

Signed by: _____

Printed Name: _____

Title: _____

Company: _____

Date: _____

City of San Diego

Engineering & Capital Projects Department, CMFE Division

NOTICE OF MATERIALS TO BE USED

To: _____
Resident Engineer

Date: _____, 20__

You are hereby notified that the materials required for use under Contract No. _____
for construction of _____

in the City of San Diego, will be obtained from sources herein designated.

CONTRACT ITEM NO. (Bid Item)	KIND OF MATERIAL (Category)	NAME AND ADDRESS WHERE MATERIAL CAN BE INSPECTED (At Source)

It is requested that you arrange for a sampling, testing, and inspection of the materials prior to delivery, in accordance with Section 4 – CONTROL OF MATERIALS of the WHITEBOOK, where it is practicable, and in accordance with your policy. It is understood that source inspection does not relieve the Contractor of full responsibility for incorporating in the work, materials that comply in all respects with the contract plans and specifications, nor does it preclude subsequent rejection of materials found to be undesirable or unsuitable.

Distribution:

Supplier

Signature of Supplier

Address

LIST OF SUBCONTRACTORS

***** PROVIDED FOR ILLUSTRATIVE PURPOSES ONLY *** TO BE SUBMITTED IN ELECTRONIC FORMAT ONLY*** SEE INSTRUCTIONS TO BIDDERS, FOR FURTHER INFORMATION**

In accordance with the requirements of the "Subletting and Subcontracting Fair Practices Act", Section 4100, of the California Public Contract Code (PCC), the Bidder is to list below the name, address and license number of each Subcontractor who will perform work, labor, render services or specially fabricate and install a portion [type] of the work or improvement, in an amount of or in excess of 0.5% of the Contractor's total Bid. Failure to comply with this requirement may result in the Bid being rejected as non-responsive. The Contractor is to list only one Subcontractor for each portion of the Work. The Bidder's attention is directed to the Special Provisions – General; Paragraph 2-3 Subcontracts, which stipulates the percentage of the Work to be performed with the Bidder's own forces. The Bidder is to also list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors for which the Bidders are seeking recognition towards achieving any mandatory, voluntary, or both subcontracting participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB®	WHERE CERTIFIED②	CHECK IF JOINT VENTURE PARTNERSHIP
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____							
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____							

- 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 | | |
| 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.

NAMED EQUIPMENT/MATERIAL SUPPLIER LIST

***** PROVIDED FOR ILLUSTRATIVE PURPOSES ONLY *** TO BE SUBMITTED IN ELECTRONIC FORMAT ONLY *** SEE INSTRUCTIONS TO BIDDERS FOR FURTHER INFORMATION**

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 ^①	WHERE CERTIFIED ^②
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						

- 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 | | |
| 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.

ELECTRONICALLY SUBMITTED FORMS

**FAILURE TO FULLY COMPLETE AND SUBMIT ANY OF THE FOLLOWING FORMS WILL DEEM YOUR
BID NON-RESPONSIVE.**

PLANETBIDS WILL NOT ALLOW FOR BID SUBMISSIONS WITHOUT THE ATTACHMENT OF THESE FORMS

The following forms are to be completed by the bidder and submitted (uploaded) electronically with the bid in PlanetBids.

- A. BID BOND – See Instructions to Bidders, Bidders Guarantee of Good Faith (Bid Security) for further instructions**
- B. CONTRACTOR’S CERTIFICATION OF PENDING ACTIONS**
- C. MANDATORY DISCLOSURE OF BUSINESS INTERESTS FORM**
- D. DEBARMENT AND SUSPENSION CERTIFICATION FOR PRIME CONTRACTOR**
- E. DEBARMENT AND SUSPENSION CERTIFICATION FOR SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS**
- F. SUBCONTRACTOR LISTING FOR ALTERNATE ITEMS**

BID BOND

**See Instructions to Bidders, Bidder Guarantee of Good Faith
(Bid Security)**

KNOW ALL MEN BY THESE PRESENTS,

That TRI-GROUP CONSTRUCTION AND DEVELOPMENT, INC. as Principal, and NATIONWIDE MUTUAL INSURANCE COMPANY as Surety, are held and firmly bound unto The City of San Diego hereinafter called "OWNER," in the sum of **10% OF THE TOTAL BID AMOUNT** for the payment of which sum, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

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

STREET RECONSTRUCTION GROUP 1801; BID NO. K-23-1963-DBB-3

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 AUGUST, 2022

TRI-GROUP CONSTRUCTION AND DEVELOPMENT, INC. (SEAL)
(Principal)

NATIONWIDE MUTUAL INSURANCE COMPANY (SEAL)
(Surety)

By: 
(Signature)
HANI ASSI, SECRETARY

By: 
(Signature)
MARK D. IATAROLA, ATTORNEY-IN-FACT

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }
County of SAN DIEGO }

On 8/22/2022 before me, TRACY LYNN RODRIGUEZ, NOTARY PUBLIC
Date Here Insert Name and Title of the Officer
personally appeared MARK D. IATAROLA
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.

Place Notary Seal and/or Stamp Above

Signature [Handwritten Signature]
Signature of Notary Public

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: <u>MARK D. IATAROLA</u>	Signer's Name: _____
<input type="checkbox"/> Corporate Officer – Title(s): _____	<input type="checkbox"/> Corporate Officer – Title(s): _____
<input type="checkbox"/> Partner – <input type="checkbox"/> Limited <input type="checkbox"/> General	<input type="checkbox"/> Partner – <input type="checkbox"/> Limited <input type="checkbox"/> General
<input type="checkbox"/> Individual <input checked="" type="checkbox"/> Attorney in Fact	<input type="checkbox"/> Individual <input type="checkbox"/> Attorney in Fact
<input type="checkbox"/> Trustee <input type="checkbox"/> Guardian of Conservator	<input type="checkbox"/> Trustee <input type="checkbox"/> Guardian of Conservator
<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____
Signer is Representing: _____	Signer is Representing: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of SAN DIEGO

On 8/30/2022 before me, TRACY LYNN RODRIGUEZ, NOTARY PUBLIC
Date Here Insert Name and Title of the Officer

personally appeared HANI ASSI
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.

Place Notary Seal and/or Stamp Above

Signature Tracy Lynn Rodriguez
Signature of Notary Public

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: HANI ASSI Signer's Name: _____

Corporate Officer – Title(s): SECRETARY Corporate Officer – Title(s): _____

Partner – Limited General Partner – Limited General

Individual Attorney in Fact Individual Attorney in Fact

Trustee Guardian of Conservator Trustee Guardian of Conservator

Other: _____ Other: _____

Signer is Representing: _____ Signer is Representing: _____

Power of Attorney

KNOW ALL MEN BY THESE PRESENTS THAT:

Nationwide Mutual Insurance Company, an Ohio corporation

hereinafter referred to severally as the "Company" and collectively as "the Companies" does hereby make, constitute and appoint: HELEN MALONEY; JOHN G MALONEY; MARK DIATAROLA; SANDRA FIGUEROA; TRACY LYNN RODRIGUEZ;

each in their individual capacity, its true and lawful attorney-in-fact, with full power and authority to sign, seal, and execute on its behalf any and all bonds and undertakings, and other obligatory instruments of similar nature, in penalties not exceeding the sum of

UNLIMITED

and to bind the Company thereby, as fully and to the same extent as if such instruments were signed by the duly authorized officers of the Company; and all acts of said Attorney pursuant to the authority given are hereby ratified and confirmed.

This power of attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the board of directors of the Company:

"RESOLVED, that the president, or any vice president be, and each hereby is, authorized and empowered to appoint attorneys-in-fact of the Company, and to authorize them to execute and deliver on behalf of the Company any and all bonds, forms, applications, memorandums, undertakings, recognizances, transfers, contracts of indemnity, policies, contracts guaranteeing the fidelity of persons holding positions of public or private trust, and other writings obligatory in nature that the business of the Company may require; and to modify or revoke, with or without cause, any such appointment or authority; provided, however, that the authority granted hereby shall in no way limit the authority of other duly authorized agents to sign and countersign any of said documents on behalf of the Company."

"RESOLVED FURTHER, that such attorneys-in-fact shall have full power and authority to execute and deliver any and all such documents and to bind the Company subject to the terms and limitations of the power of attorney issued to them, and to affix the seal of the Company thereto; provided, however, that said seal shall not be necessary for the validity of any such documents."

This power of attorney is signed and sealed under and by the following bylaws duly adopted by the board of directors of the Company.

Execution of Instruments. Any vice president, any assistant secretary or any assistant treasurer shall have the power and authority to sign or attest all approved documents, instruments, contracts, or other papers in connection with the operation of the business of the company in addition to the chairman of the board, the chief executive officer, president, treasurer or secretary; provided, however, the signature of any of them may be printed, engraved, or stamped on any approved document, contract, instrument, or other papers of the Company.

IN WITNESS WHEREOF, the Company has caused this instrument to be sealed and duly attested by the signature of its officer the 20th day of August, 2021.

[Handwritten signature of Antonio C. Albanese]

Antonio C. Albanese, Vice President of Nationwide Mutual Insurance Company

ACKNOWLEDGMENT

STATE OF NEW YORK COUNTY OF NEW YORK: ss On this 20th day of August, 2021, before me came the above-named officer for the Company aforesaid, to me personally known to be the officer described in and who executed the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn, deposes and says, that he is the officer of the Company aforesaid, that the seal affixed hereto is the corporate seal of said Company, and the said corporate seal and his signature were duly affixed and subscribed to said instrument by the authority and direction of said Company.



Stephanie Rubino McArthur Notary Public, State of New York No. 02MC6270117 Qualified in New York County Commission Expires October 19, 2024

[Handwritten signature of Stephanie Rubino McArthur]

Notary Public My Commission Expires October 19, 2024

CERTIFICATE

I, Laura B. Guy, Assistant Secretary of the Company, do hereby certify that the foregoing is a full, true and correct copy of the original power of attorney issued by the Company; that the resolution included therein is a true and correct transcript from the minutes of the meetings of the boards of directors and the same has not been revoked or amended in any manner; that said Antonio C. Albanese was on the date of the execution of the foregoing power of attorney the duly elected officer of the Company, and the corporate seal and his signature as officer were duly affixed and subscribed to the said instrument by the authority of said board of directors; and the foregoing power of attorney is still in full force and effect.

IN WITNESS WHEREOF, I have hereunto subscribed my name as Assistant Secretary, and affixed the corporate seal of said Company this 22ND day of AUGUST, 2022.

[Handwritten signature of Laura B. Guy]

Assistant Secretary

CONTRACTOR'S 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: TRI-GROUP CONSTRUCTION AND DEVELOPMENT, INC. HAWI ASSI

Certified By HAWI ASSI Title SECRETARY OF CORPORATION
Name
[Signature] Date 08/30/2022
Signature

USE ADDITIONAL FORMS AS NECESSARY

DEBARMENT AND SUSPENSION CERTIFICATION

PRIME CONTRACTOR

FAILURE TO COMPLETE AND SUBMIT AT TIME OF BID SHALL RENDER BID NON-RESPONSIVE

EFFECT OF DEBARMENT OR SUSPENSION
To promote integrity in the City's contracting processes and to protect the public interest, the City shall only enter into contracts with responsible bidders and contractors. In accordance with San Diego Municipal Code §22.0814 (a) Bidders and contractors who have been debarred or suspended are excluded from submitting bids, submitting responses to requests for proposal or qualifications, receiving contract awards, executing contracts, participating as a subcontractor, employee, agent or representative of another person contracting with the City.

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 Names of the Principal individual owner(s).

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

NAME	TITLE
GHASSEM "GUS" ASSI	President
HANE ASSI	Secretary of Corp.

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.

The Bidder, under penalty of perjury, certifies that, except as noted below, he/she or any person associated therewith in the capacity of owner, partner, director, officer, manager:

- is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any Federal, State or local agency;
- has not been suspended, debarred, voluntarily excluded or determined ineligible by any Federal, State or local agency within the past 3 years;
- does not have a proposed debarment pending; and
- has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past 3 years.

If there are any exceptions to this certification, insert the exceptions in the following space.

[Empty box for exceptions]

Exceptions will be considered in determining bidder responsibility. For any exception noted above, indicate below to whom it applies, initiating agency, and dates of action.

Contractor Name: TRI-GROUP CONSTRUCTION AND DEVELOPMENT, INC.

Certified By HANE ASSI Title SECRETARY OF CORP.

Name

[Signature]

Signature

Date 8/30/2022

NOTE: Providing false information may result in criminal prosecution or administrative sanctions.

1 of 2

DEBARMENT AND SUSPENSION CERTIFICATION
SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS
TO BE COMPLETED BY BIDDER
FAILURE TO COMPLETE AND SUBMIT AT TIME OF BID SHALL RENDER BID NON-RESPONSIVE

Names of the Principal Individual owner(s)

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 Names of the Principal Individual owner(s) for their subcontractor/supplier/manufacturers.

Please indicate if principal owner is serving in the capacity of subcontractor, supplier, and/or manufacturer:

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
STATEWIDE STRIPES, INC	
DAVID BRILHANT	PRESIDENT

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
PAVEMENT RECYCLING SYSTEMS, INC	
STEPHEN CONCANNON	PRESIDENT

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
SOUTHWEST SIGNAL SERVICE	
JAMES CRESS	PRESIDENT

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
R.A.P. ENGINEERING	
ROBERT PEREZ	PRESIDENT

TRI-GROUP
CONSTRUCTION AND
DEVELOPMENT, INC.

Contractor Name: _____

Certified By: HANE ASST Title: SECRETARY OF CORP.

Name



Signature

Date: 08.30.2012

USE ADDITIONAL FORMS AS NECESSARY*

2 of 2

DEBARMENT AND SUSPENSION CERTIFICATION
SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS
TO BE COMPLETED BY BIDDER
FAILURE TO COMPLETE AND SUBMIT AT TIME OF BID SHALL RENDER BID NON-RESPONSIVE

Names of the Principal individual owner(s)

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 Names of the Principal individual owner(s) for their subcontractor/supplier/manufacturers.

Please indicate if principal owner is serving in the capacity of subcontractor, supplier, and/or manufacturer:

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
G. SCOTT ASHMOY	
DANIEL WEMPLE	PRESIDENT

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
VIC SALAZAR COMMUNICATIONS	
VIC SALAZAR	PRESIDENT

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

Contractor Name: TRI-GROUP CONSTRUCTION AND DEVELOPMENT, INC.

Certified By: HOMI ASSI Title: SEC. OF CONF.

Name: _____
Signature:  Date: 8/30/2022

USE ADDITIONAL FORMS AS NECESSARY*

SUBCONTRACTORS ADDITIVE/DEDUCTIVE ALTERNATE
***** FOR USE WHEN LISTING SUBCONTRACTORS ON ALTERNATES *****
 (Use Additional Sheets As Needed)

ADDITIVE/DEDUCTIVE ALTERNATE	SUBCONTRACTOR NAME, LOCATION, PHONE & FAX	CONTRACTOR OR DESIGNER	DB REGISTRATION NUMBER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	WBE, WMB, WOS, DBE, DBL, SDB, DBA, MBE, LDB, or WOSB (CHECK ALL THAT APPLY)	WOSB CERTIFIED	CHECK IF JOINT VENTURE PARTNERSHIP
B	Name: <u>G. SCOTT ASPHALT</u> Address: <u>358 TROWBEE DR</u> City: <u>CITRUS HEIGHTS</u> State: <u>CA</u> Zip: <u>91910</u> Phone: <u>619-430-4854</u> Email: <u>LOUIS@asphaltrepairs.com</u>	<i>CONS/MAINT</i>	<i>1000000452</i>	<i>757836</i>	<i>SURFACE PATCH & SEAL</i>	<i>(\$113,070)</i>	<i>DBE</i>	<i>CONS/MAINT</i>	<i>-</i>
A	Name: <u>R.A.P. ENGINEERING, INC.</u> Address: <u>703 MISSION RD</u> City: <u>SAN MATEO</u> State: <u>CA</u> Zip: <u>92069</u> Phone: <u>619-233-2850</u> Email: <u>SWHITLOCK@rapengr.com</u>	<i>CONS/MAINT</i>	<i>10000002968</i>	<i>880856</i>	<i>ASPHALT PATCH</i>	<i>4366,500</i>	<i>DBE</i>	<i>CONS/MAINT</i>	<i>-</i>
A	Name: <u>PAUSHER Recycling Systems, Inc.</u> Address: <u>10290 SAN SERENO ST</u> City: <u>THURSDAY VALLEY</u> State: <u>CA</u> Zip: <u>91750</u> Phone: <u>951-662-1791</u> Email: <u>allison@pausher.com</u>	<i>CONS/MAINT</i>	<i>10000002362</i>	<i>569352</i>	<i>FDR</i>	<i>\$2,176,725</i>	<i>-</i>	<i>-</i>	<i>-</i>

- a. As appropriate, Bidder shall identify Subcontractor as one of the following, and shall include a valid proof of certification (except for DBE, SDB and EDB):

Certified Minority Business Enterprise	WBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DBVE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WOSB	Multisite Business	MUSDB
Service-Disabled Veteran-Owned Small Business	SDVOSB		
- b. As appropriate, Bidder shall indicate if Subcontractor is certified by:

City of San Diego	CDY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	City of Los Angeles	LA
State of California's Department of General Services	DSGS	U.S. Small Business Administration	SBA
State of California	CA		

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

1 of 2

SUBCONTRACTORS ADDITIVE/DEDUCTIVE ALTERNATE
***** FOR USE WHEN LISTING SUBCONTRACTORS ON ALTERNATES *****
 (Use Additional Sheets As Needed)

ADDITIVE/DEDUCTIVE ALTERNATE	SUBCONTRACTOR NAME, ADDRESS, PHONE & EMAIL	CONTRACTOR OR LICENSE NUMBER	DB REGISTRATION NUMBER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	POLLUTION RISK OF SUBCONTRACT	DBE, WBE, DBA, DBM, DBJ, DBL, DBP, DBS, DBV, DBW, DBX, DBY, DBZ, DBAA, DBBB, DBCC, DBDD, DBEE, DBFF, DBGG, DBHH, DBII, DBJJ, DBKK, DBLL, DBMM, DBNN, DBOO, DBPP, DBQQ, DBRR, DBSS, DBTT, DBUU, DBVV, DBWW, DBXX, DBYY, DBZZ	WHERE CERTIFIED	PERCENT OF CONTRACT PARTICIPATION
A	Name: <u>Southwest Sign Service</u> Address: <u>9301 124th St. #A1</u> City: <u>SANTEE</u> State: <u>CA</u> Zip: <u>92071</u> Phone: <u>619-442-5243</u> Email: <u>office@southwest-sign.com</u>	<u>Contractor</u>	<u>10000002285</u>	<u>451115</u>	<u>Signs & letter</u>	<u>\$6,300</u>	<u>DBE</u>	<u>City of San Diego</u>	<u>-</u>
A	Name: <u>STATEWIDE STRIPS, INC</u> Address: <u>P.O. Box 600710</u> City: <u>SAN DIEGO</u> State: <u>CA</u> Zip: <u>92160</u> Phone: <u>619-560-6667</u> Email: <u>sc@statewidestrips.com</u>	<u>Contractor</u>	<u>1000001134</u>	<u>789206</u>	<u>Striping</u>	<u>\$14,710</u>	<u>DBE</u>	<u>City of San Diego</u>	<u>-</u>
	Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____								

- As appropriate, Bidder shall identify Subcontractor as one of the following and shall include a valid proof of certification (except for DBE, WBE and DBM):
- ☐ Certified Minority Business Enterprise
 - ☐ Certified Disadvantaged Business Enterprise
 - ☐ Other Business Enterprise
 - ☐ Certified Small Local Business Enterprise
 - ☐ Women Owned Small Business
 - ☐ Service-Disabled Veteran Owned Small Business
- As appropriate, Bidder shall indicate if Subcontractor is certified by:
- ☐ City of San Diego
 - ☐ California Public Utilities Commission
 - ☐ State of California's Department of General Services
 - ☐ State of California
- ☐ Certified Woman Business Enterprise
 ☐ Certified Disabled/Veteran Business Enterprise
 ☐ Certified Emerging Local Business Enterprise
 ☐ Small Disadvantaged Business
 ☐ HUBZone Business
- ☐ State of California Department of Transportation
 ☐ City of Los Angeles
 ☐ U.S. Small Business Administration
- WBE
 DBE
 DBE
 SDB
 HUBZone
 CALTRANS
 LA
 SBA

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

2 of 2

City of San Diego

CITY CONTACT: Juan E. Espindola, Senior Contract Specialist, Email: JEEspindola@sandiego.gov
Phone No. (619) 533- 4491

ADDENDUM A



FOR

STREET RECONSTRUCTION GROUP 1801

BID NO.:	<u>K-23-1963-DBB-3</u>
SAP NO. (WBS/IO/CC):	<u>B-17188</u>
CLIENT DEPARTMENT:	<u>2116</u>
COUNCIL DISTRICT:	<u>6</u>
PROJECT TYPE:	<u>ID</u>

BID DUE DATE:

2:00 PM
AUGUST 30, 2022

CITY OF SAN DIEGO'S ELECTRONIC BIDDING SITE, PLANETBIDS

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

ENGINEER OF WORK

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

<u><i>Mastaneh Ashrafzadeh</i></u>	<u>8/19/2022</u>	Seal:
For City Engineer	Date	

A. CHANGES TO CONTRACT DOCUMENTS

The following changes to the Contract Documents are hereby made effective as though originally issued with the bid package. Bidders are reminded that all previous requirements to this solicitation remain in full force and effect.

B. BIDDER’S QUESTIONS

Q1. We were not able to determine the reason why there is a need for High-line Water mains of 21,000 LF, as shown in Bid Schedule items 49, 50, & 51. There are some water main works of items 32, 33, & 34, but they total only 225 LF. That does not necessitate 21,000 LF of highlining. Can the City explain the need for 21,000 of High-lining and where it is needed?

A1. The City has decided to pre-emptively shut down and highline the water mains to reduce risk of impacting water service due to accidentally breakage during the FDR operation and would like the ability to perform gradual trial turn on for the water pipes to ensure no extreme flooding happens in the event a water main breaks.

C. ATTACHMENTS

1. To Attachment E, Supplementary Special Provisions, Appendices, **ADD APPENDIX O, UTILITY RELOCATION REFERENCE**, pages 4 through 28 of this Addendum.

D. PLANS

1. To Drawing Sheets Numbered **41356-01-D** through **41356-09-D** and **41356-18-D** through **41356-26-D, DELETE** in their entirety and **REPLACE** with pages 29 through 46 of this Addendum.

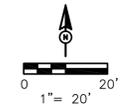
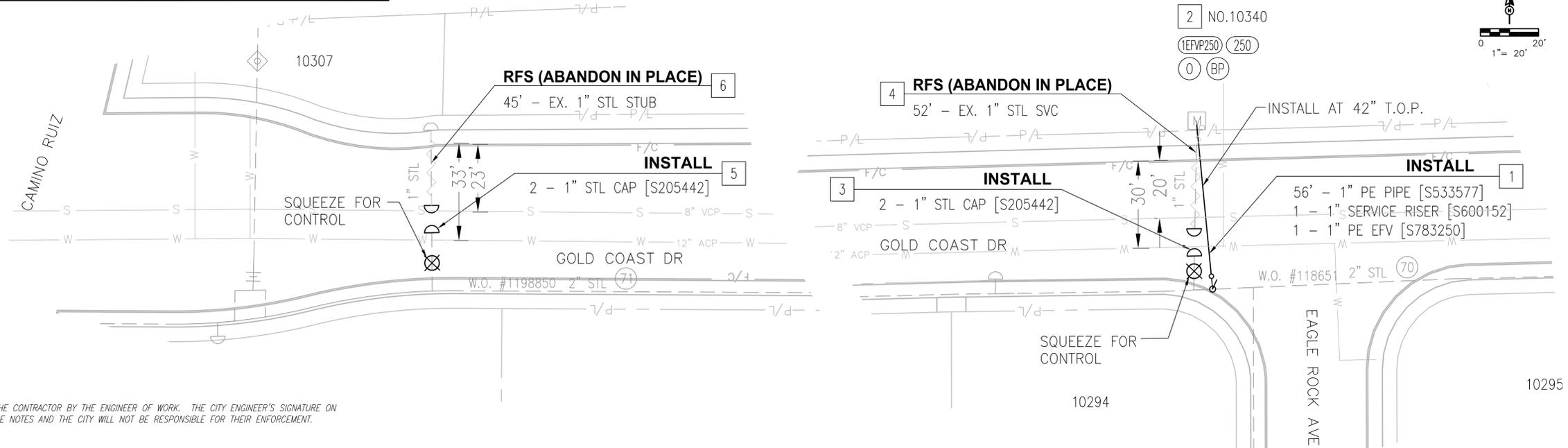
Rania Amen, Director
Engineering & Capital Projects Department

Dated: *August 19, 2022*
San Diego, California

RA/AJ/nd

APPENDIX 0
UTILITY RELOCATION REFERENCE

PERMIT NO.	MCU NO.	SDGE A Sempra Energy Utility	
BUDGET: 505	TB NO: 1209-C5	GAS TECHNICAL SERVICES - MIRAMAR GAS DISTRIBUTION SYSTEM	
CP STATIONS:	QA/QC:	GOLD COAST DR & EAGLE ROCK AVE LOWER 1" PE SVC	
REF. RER#:	DATE	CITY OF SAN DIEGO	
DRAWN: J.P.	7/18/22	Job Notification No. 30000328074	
DESIGNED: J.P.	7/18/22	Work Order No.	
SYSTEM PROTECTION:		Rev.	
WELDING INSPECTOR:		PLOT SCALE: 1:1	
PIPELINE OPERATIONS:		SHEET: 2 of 9	
REGION ENGINEERING:			
FUS SUPVR APPROVAL:			



SPECIAL NOTES:

THE FOLLOWING NOTES ARE PROVIDED TO GIVE DIRECTION TO THE CONTRACTOR BY THE ENGINEER OF WORK. THE CITY ENGINEER'S SIGNATURE ON THESE PLANS DOES NOT CONSTITUTE APPROVAL OF ANY OF THESE NOTES AND THE CITY WILL NOT BE RESPONSIBLE FOR THEIR ENFORCEMENT.

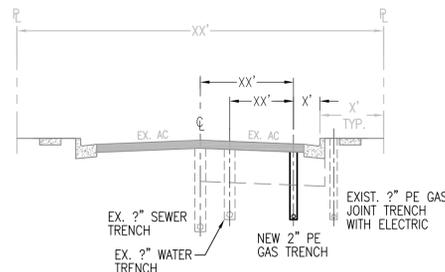
SURVEY NOTES:

- IN THE EVENT A PROPERTY CORNER MONUMENT IS PLANNED ON BEING REMOVED AT ANY TIME DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY SDG&E LAND SURVEY DEPARTMENT AT LEAST 7 DAYS AHEAD OF TIME TO ENSURE COMPLIANCE WITH CALIFORNIA BUSINESS AND PROFESSIONS CODE.
- IN THE EVENT A PROPERTY CORNER MONUMENT IS REMOVED DUE TO AN IMMEDIATE EMERGENCY, THE CONTRACTOR SHALL NOTIFY SDG&E LAND SURVEY DEPARTMENT WITHIN 24 HOURS, AFTER THE EMERGENCY CONSTRUCTION ACTION IS FINISHED IN ORDER TO ENSURE THE MONUMENTS IS REPLACED, IN COMPLIANCE WITH THE CALIFORNIA BUSINESS AND PROFESSIONS CODE.
- PLEASE CONTACT JAYSON MARIJANA, PLS (858) 616-7567 OR KEN HAYNES, PLS (858) 276-8387.

GENERAL NOTES:

- GOSL/CONTRACTOR TO CONTACT FIELD UTILITY SPECIALIST 2 WORKING DAYS PRIOR TO STARTING JOB. POSITION AND GRADE TO BE SET BY FIELD UTILITY SPECIALIST. CONTACT FIELD UTILITY SPECIALIST FOR ANY DESIGN CHANGES. FIELD UTILITY SPECIALIST - <NAME> AT <TEL. NO.>.
- GOSL OR FCA TO SCHEDULE PRE-CONSTRUCTION MEETING. ATTENDEES TO INCLUDE FIELD UTILITY SPECIALIST, PIPELINE OPERATIONS, WELDING INSPECTION AND CATHODIC PROTECTION AS REQUIRED.
- GOSL OR FCA TO CONTACT SDG&E TRANSMISSION DISTRICT OPERATION MANAGER, ANGEL ACOSTA AT (619) 838-8580, 5 WORKING DAYS PRIOR TO STARTING JOB.
- CONTRACTOR/FCA/GOSL TO CONTACT SDG&E REGION ENGINEER, <NAME> AT <TEL. NO.>, 2 WORKING DAYS PRIOR TO PERFORMING ANY HP STRENGTH TESTS.
- FOR INSERTION OF SERVICES, IF DEPTH OF THE EXISTING SERVICE IS LESS THAN 12" ON PRIVATE PROPERTY, OR 18" ON PUBLIC PROPERTY, NEW SERVICE MUST BE DIRECT BURIED AT MINIMUM 24" DEPTH ON PRIVATE PROPERTY AND 30" DEPTH ON PUBLIC PROPERTY RATHER THAN INSERTED INTO OLD SERVICE. ALL INSERTED SERVICES TO BE 1/2" PE PIPE. ALL NEW SERVICES TO BE 1" PE.
- PURGE GAS SYSTEM IN ACCORDANCE WITH GAS STANDARD D7911 & G7909.
- TEST NEW 1" PE GAS SERVICES 1/2" - 1" FOR 15 MINUTES FOR LENGTHS LESS THAN 1000' PER GAS STANDARD D7265.
- ABANDONED NATURAL GAS PIPELINES MAY CONTAIN ASBESTOS IN THEIR INSULATING MATERIAL. PIPE COATING WRAP THAT MAY CONTAIN ASBESTOS SHALL BE TREATED AS ASBESTOS CONTAINING MATERIAL (ACM). COAL TAR PIPE WRAP THAT IS REMOVED PROPERLY USING WET METHODS AND HAND TOOLS IN NON-FRAGILE AND IS NOT CONSIDERED A REGULATED ACM. ACM COAL TAR WASTE MUST STILL BE MANAGED AND DISPOSED ON IN ACCORDANCE WITH APPLICABLE SAFETY AND ENVIRONMENTAL LAWS AND REGULATIONS. SEE COMPANY OPERATIONS STANDARD G8321.
- THIS JOB IS IMPACTED BY AB-1937. AFFECTED FACILITIES MUST BE NOTIFIED 3 DAYS PRIOR TO START OF CONSTRUCTION.
- SAN DIEGO GAS & ELECTRIC WILL FOLLOW THE BMP STANDARDS PER THE CITY OF XX BEST MANAGEMENT PRACTICES MANUAL FOR WATER QUALITY CONSTRUCTION.
- ANY TRAFFIC LOOPS DISTURBED DURING THE COURSE OF SDG&E CONSTRUCTION ACTIVITY WILL BE RESTORED TO CITY OF SAN DIEGO STANDARDS PER SDE-101 & SDE-104.
- NEW MAINS, LATERALS, & SERVICES WILL BE INSTALLED PER SDG&E D7403 & G7409 & WILL MAINTAIN MINIMUM VERTICAL CLEARANCES OF 12" FROM THE PROPOSED UTILITY LINES.
- NEW MAINS WILL BE INSTALLED WITH THE FOLLOWING MINIMUM CLEARANCES FROM UTILITY FACILITIES LISTED BELOW. UNLESS OTHERWISE NOTED ON DESIGN.

- 1.1 10' SEWER, 5' ALLEYS
- 1.2 10' TO RECYCLED MAINS
- 1.3 5' TO WATER MAINS
- 1.4 5' TO STORM DRAINS & STORM DRAIN STRUCTURES
- 1.5 5' TO ALL VALVES
- 1.6 5' FROM EXISTING STREET TREE



STREET SECTION
LOOKING NORTH NO SCALE
- STREET NAME -

UTILITY NOTE:

- ALL LATERAL PIPE SEWER & WATER AND MAINTAIN MIN. SPACING WITH THE NEW PROPOSED LATERAL GAS PIPE (3' MIN. SEPARATION FROM SEWER SERVICE & 5' MIN SEPARATION FROM WATER SERVICE).
- IF MIN. SEPARATIONS CANNOT BE MET, AN ADDITIONAL APPROVAL WILL BE REQUIRED FROM THE RESPECTIVE DISCIPLINES WHICH INCLUDES PUD AND LANDSCAPE.

ESTIMATED PIPE FOOTAGE

1" PE SERVICE ----- 56±
RFS 1" STL SERVICE ----- 52±

NOTE:
WARNING MESH MUST BE INSTALLED ON ALL GAS MAINS AND SERVICES.

NOTE:
POTHOLE TO VERIFY POSITION AND DEPTH OF EXISTING FACILITIES.



IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

LEGEND:

- ① INSERT ENTIRE SERVICE WITH 1/2" PE PIPE
- ? YEAR OF EXISTING MAIN OR SERVICE
- (R) RETIRE FROM SERVICE
- (O) MAIN OR SERVICE TO BE OPEN TRENCH
- ② DESIGN BY LOCATION
- (BP) BARRIER POST
- (250) METER SIZE - STANDARD CUBIC FEET PER HOUR (SCFH)
- (EFV250) EFV 1" PE WITH A MAX. 1620 SCFH (S783250)
- W --- WATER-LINE
- S --- SEWER-LINE
- P/L --- PROPERTY-LINE
- F/C --- FACE-OF-CURB
- SD --- STORM DRAIN-LINE
- E --- ELEC-LINE

*** IF APPLICABLE**

PRIVATE CONTRACT

IMPROVEMENT PLAN FOR:

SDGE - 30000328074
GOLD COAST DR
FROM: CAMINO RUIZ TO: BROOKHURST LN

SHEET 2 OF 14 SHEETS

PRJ NO. _____

PMT NO. _____

C01



DEVELOPMENT SERVICES DEPARTMENT

PERMIT NO.	MCU NO.	SDGE <small>A Sempra Energy company</small>	
BUDGET: 505	TB NO: 1209-C5		
CP STATIONS:	QA/QC:	SAN RAMON DR and GOLD COAST DR RELOC 2" STL AND 3 SVC	
REF. RER#:	DATE	CITY OF SAN DIEGO	
DRAWN: J.P.	4/28/22	Job Notification No. 30000328074	
DESIGNED: J.P.	4/28/22		
SYSTEM PROTECTION:		PLOT SCALE: 1:1 SHEET: 3 of 9	
WELDING INSPECTOR:			
PIPELINE OPERATIONS:			
REGION ENGINEERING:			
FUS SUPVR APPROVAL:			

UTILITY NOTE:

- SHORING REQUIRED, TRENCH TO BE APPROXIMATELY 5' DEEP OR MORE.

NOTE:

WARNING MESH MUST BE INSTALLED ON ALL GAS MAINS AND SERVICES.

NOTE:

PORTION OF THIS PROJECT MAY BE JOINT WITH PHONE, TV & ELECTRIC.

NOTE:

POTHOLE TO VERIFY POSITION AND DEPTH OF EXISTING FACILITIES.



NOTE:

ALL RFS'D PIPE WITHIN RIGHT OF WAY LIMITS MUST BE REMOVED FROM GROUND.

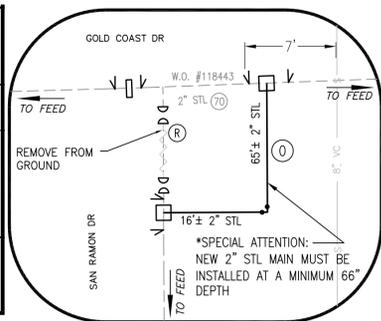
SPECIAL NOTES:

THE FOLLOWING NOTES ARE PROVIDED TO GIVE DIRECTION TO THE CONTRACTOR BY THE ENGINEER OF WORK. THE CITY ENGINEER'S SIGNATURE ON THESE PLANS DOES NOT CONSTITUTE APPROVAL OF ANY OF THESE NOTES AND THE CITY WILL NOT BE RESPONSIBLE FOR THEIR ENFORCEMENT.

- SURVEY NOTES:**
- IN THE EVENT A PROPERTY CORNER MONUMENT IS PLANNED ON BEING REMOVED AT ANY TIME DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY SDG&E LAND SURVEY DEPARTMENT AT LEAST 7 DAYS AHEAD OF TIME TO ENSURE COMPLIANCE WITH CALIFORNIA BUSINESS AND PROFESSIONS CODE.
 - IN THE EVENT A PROPERTY CORNER MONUMENT IS REMOVED DUE TO AN IMMEDIATE EMERGENCY, THE CONTRACTOR SHALL NOTIFY SDG&E LAND SURVEY DEPARTMENT WITHIN 24 HOURS, AFTER THE EMERGENCY CONSTRUCTION ACTION IS FINISHED IN ORDER TO ENSURE THE MONUMENTS IS REPLACED, IN COMPLIANCE WITH THE CALIFORNIA BUSINESS AND PROFESSIONS CODE.
 - PLEASE CONTACT JAYSON MARIJANA, PLS (858) 616-7567 OR KEN HAYNES, PLS (858) 276-8387.

- GENERAL NOTES:**
- GOSL/CONTRACTOR TO CONTACT FIELD UTILITY SPECIALIST 2 WORKING DAYS PRIOR TO STARTING JOB. POSITION AND GRADE TO BE SET BY FIELD UTILITY SPECIALIST. CONTACT FIELD UTILITY SPECIALIST FOR ANY DESIGN CHANGES. FIELD UTILITY SPECIALIST - JOSHUA PLASCENCIA AT 619-787-0963.
 - GOSL OR FCA TO SCHEDULE PRE-CONSTRUCTION MEETING. ATTENDEES TO INCLUDE FIELD UTILITY SPECIALIST, PIPELINE OPERATIONS, WELDING INSPECTION AND CATHODIC PROTECTION AS REQUIRED.
 - CONTRACTOR/FCA/GOSL TO CONTACT SDG&E REGION ENGINEER, <NAME> AT <TEL. NO.>, 2 WORKING DAYS PRIOR TO PERFORMING ANY HP STRENGTH TESTS.
 - ALL PRESSURE TAPPING FITTINGS (PCF) MUST BE CLEARED BY PIPELINE OPERATIONS, WITH 3 DAYS NOTICE, FROM THE STOREROOM AND BEFORE PREP IN SHOP OR FIELD WELDING.
 - ALL PRESSURE TAPPING FITTINGS (PCF) WELDING MUST BE CLEARED AND VERIFIED BY THE JOB WELDING INSPECTOR BEFORE FITTING PREP IN SHOP OR FIELD WELDING.
 - FOR INSERTION OF SERVICES, IF DEPTH OF THE EXISTING SERVICE IS LESS THAN 12" ON PRIVATE PROPERTY, OR 18" ON PUBLIC PROPERTY, NEW SERVICE MUST BE DIRECT BURIED AT MINIMUM 24" DEPTH ON PRIVATE PROPERTY AND 30" DEPTH ON PUBLIC PROPERTY RATHER THAN INSERTED INTO OLD SERVICE. ALL INSERTED SERVICES TO BE 1/2" PE PIPE. ALL NEW SERVICES TO BE 1" PE.
 - PURGE GAS SYSTEM IN ACCORDANCE WITH GAS STANDARD D7911 & G7909.
 - TEST NEW 2" STEEL MAIN PIPE GREATER THAN 1" AT 100 PSI FOR 1 HOUR FOR LENGTHS LESS THAN 1000' AND GAS SERVICES 1/2" - 1" FOR 15 MINUTES FOR LENGTHS LESS THAN 1000' PER GAS STANDARD D7265.
 - MINIMUM DISTANCE TO WELDING OR TORCH CUTTING NEAR 2" PCF IS 12 INCHES MIN. PER GAS STANDARD G7345.
 - ABANDONED NATURAL GAS PIPELINES MAY CONTAIN ASBESTOS IN THEIR INSULATING MATERIAL. PIPE COATING WRAP THAT MAY CONTAIN ASBESTOS SHALL BE TREATED AS ASBESTOS CONTAINING MATERIAL (ACM). COAL TAR PIPE WRAP THAT IS REMOVED PROPERLY USING WET METHODS AND HAND TOOLS IN NOW-FRAGILE AND IS NOT CONSIDERED A REGULATED ACM. ACM COAL TAR WASTE MUST STILL BE MANAGED AND DISPOSED ON IN ACCORDANCE WITH APPLICABLE SAFETY AND ENVIRONMENTAL LAWS AND REGULATIONS. SEE COMPANY OPERATIONS STANDARD 68321.
 - THIS JOB IS IMPACTED BY AB-1937. AFFECTED FACILITIES MUST BE NOTIFIED 3 DAYS PRIOR TO START OF CONSTRUCTION.
 - SAN DIEGO GAS & ELECTRIC WILL FOLLOW THE BMP STANDARDS PER THE CITY OF SAN DIEGO BEST MANAGEMENT PRACTICES MANUAL FOR WATER QUALITY CONSTRUCTION.
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 - NEW MAINS WILL BE INSTALLED WITH THE FOLLOWING MINIMUM CLEARANCES FROM UTILITY FACILITIES LISTED BELOW. UNLESS OTHERWISE NOTED ON DESIGN.

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- 1.2. 10' TO RECYCLED MAINS
- 1.3. 5' TO WATER MAINS
- 1.4. 5' TO STORM DRAINS & STORM DRAIN STRUCTURES
- 1.5. 5' TO ALL VALVES
- 1.6. 5' FROM EXISTING STREET TREE

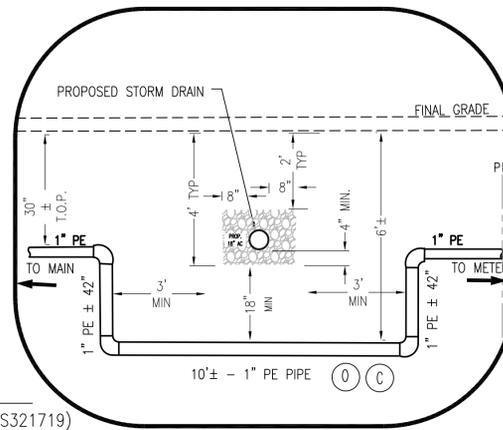


7 DETAIL "A"
NO SCALE

- INSTALL:**
- 2 - 2" PCF BOTTOM OUT [S350608]
 - 1 - 2" PCF INLINER [S350592]
 - 6 - 3/4" PUNCH TEE [S725732]
 - 4 - 2" 90° STL ELBOWS [S323440]
 - 3 - 2" STL CAP [S205632]
 - 81' - 2" STL PIPE [S538618]

REMOVE FROM GROUND:

20' - EX 2" STL MAIN

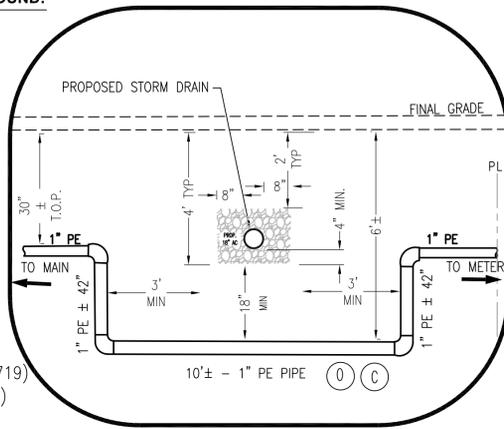


DETAIL "B"
NO SCALE

- 8 INSTALL:**
- 4-1" PE 90° ELBOW (S321719)
 - 78'±-1" PE PIPE (S533577)
 - 1 - EFVP 250 (S783250)

REMOVE FROM GROUND:

70' - 3/4" STL PIPE



DETAIL "C"
NO SCALE

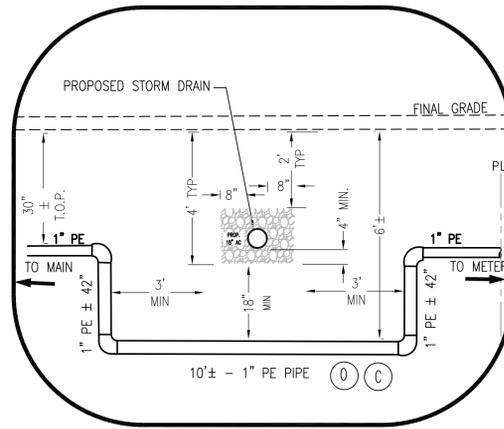
- 9 INSTALL:**
- 4-1" PE 90° ELBOW (S321719)
 - 77'±-1" PE PIPE (S533577)
 - 1 - EFVP 250 (S783250)

10 INSTALL:

- 4-1" PE 90° ELBOW (S321719)
- 82'±-1" PE PIPE (S533577)
- 1 - EFVP 250 (S783250)

REMOVE FROM GROUND:

74' - 3/4" STL PIPE (S535908)



DETAIL "D"
NO SCALE

- 11 INSTALL:**
- 4-1" PE 90° ELBOW (S321719)
 - 75'±-1" PE PIPE (S533577)
 - 1 - EFVP 250 (S783250)

- 12 INSTALL:**
- 4-1" PE 90° ELBOW (S321719)
 - 79'±-1" PE PIPE (S533577)
 - 1 - EFVP 250 (S783250)

REMOVE FROM GROUND:

71' - 3/4" STL PIPE (S535908)

LEGEND:

- (70) YEAR OF EXISTING MAIN OR SERVICE
- (R) RETIRE FROM SERVICE
- (O) MAIN OR SERVICE TO BE OPEN TRENCH
- (I) DESIGN BY LOCATION
- (JF) GAS MAIN JOINT TRENCH WITH ELECTRIC
- (V) IF RISERS OR METERS ARE UNDER WINDOWS OR ELECTRIC METER VENT PER STD. NO. D7123 & D7103.5
- (250) METER SIZE - STANDARD CUBIC FEET PER HOUR (SCFH)
- (EFVP250) EFV 1" PE WITH A MAX. 1620 SCFH (S783250)
- (W) WATER-LINE
- (S) SEWER-LINE
- (P/L) PROPERTY-LINE
- (F/C) FACE-OF-CURB
- (SD) STORM DRAIN-LINE
- (E) ELEC-LINE

UTILITY NOTE:

- ALL LATERAL PIPE SEWER & WATER AND MAINTAIN MIN. SPACING WITH THE NEW PROPOSED LATERAL GAS PIPE (3" MIN. SEPARATION FROM SEWER SERVICE & 5" MIN SEPARATION FROM WATER SERVICE).
- IF MIN. SEPARATIONS CANNOT BE MET, AN ADDITIONAL APPROVAL WILL BE REQUIRED FROM THE RESPECTIVE DISCIPLINES WHICH INCLUDES PUD AND LANDSCAPE.

ESTIMATED PIPE FOOTAGE

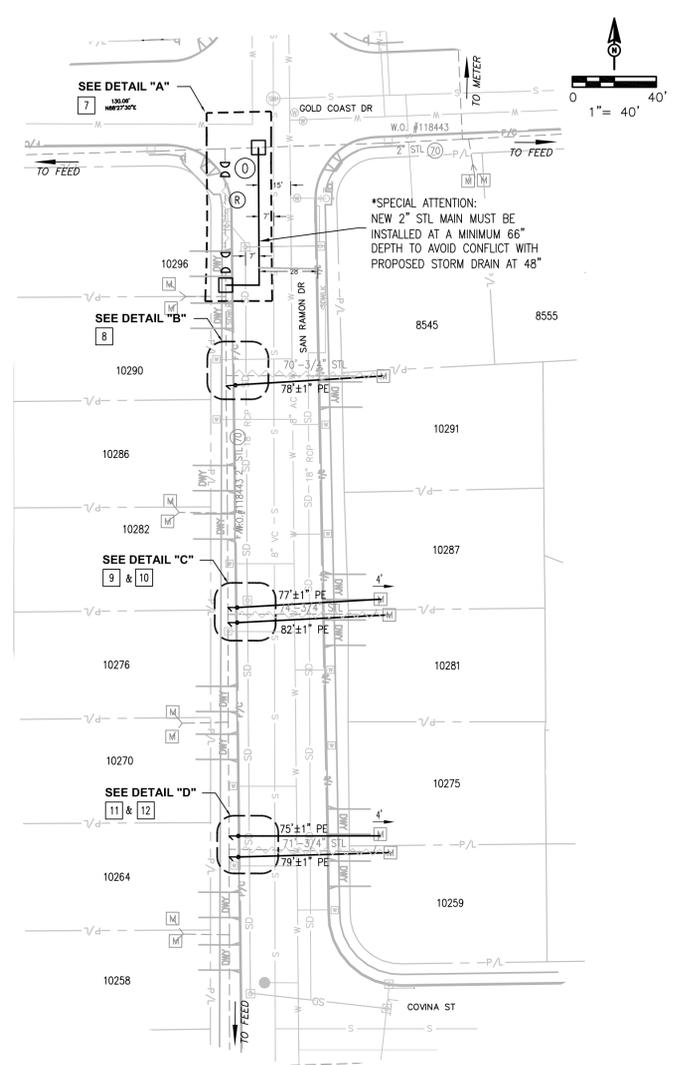
1" PE SERVICE	391'±
2" STL MAIN	75'±
RFS EX. 3/4" STL SERVICE	215'±
RFS EX. 2" STL MAIN	60'±



IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.



DEVELOPMENT SERVICES DEPARTMENT



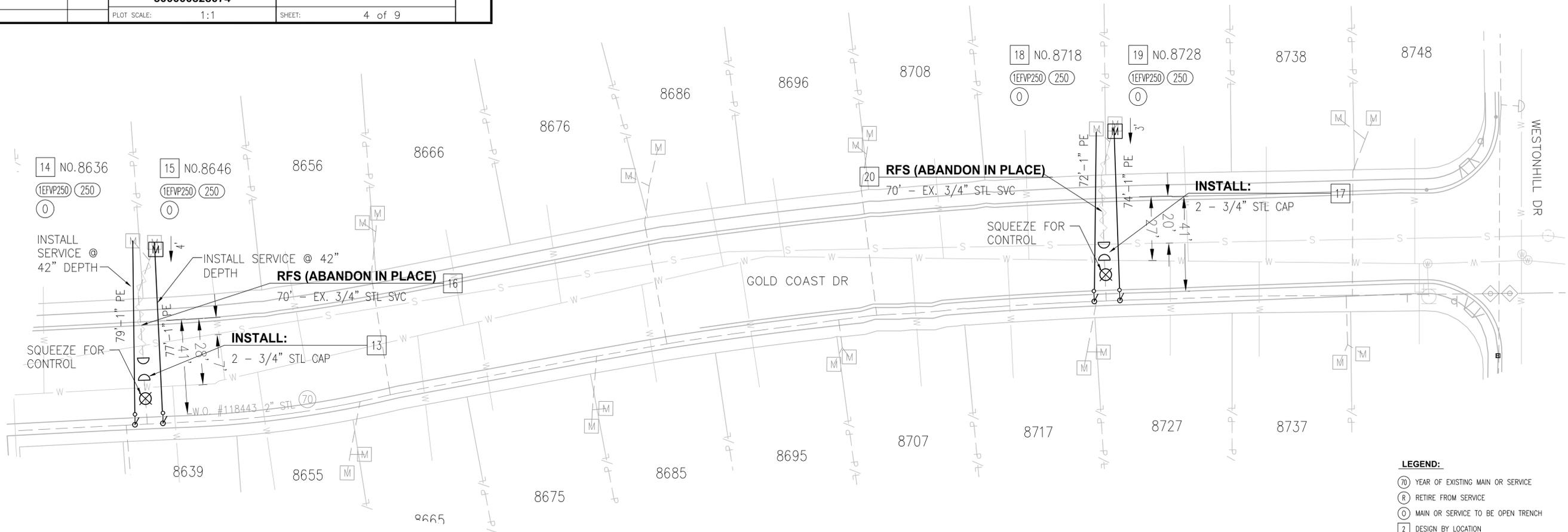
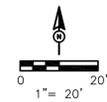
*** IF APPLICABLE**

PRIVATE CONTRACT

IMPROVEMENT PLAN FOR:	
SDGE - 30000328074	
GOLD COAST DR	
FROM: CAMINO RUIZ	TO: BROOKHURST LN
SHEET 3 OF 14 SHEETS	PRJ NO. _____
	PMT NO. _____
C02	

REV 02/02/2022

PERMIT NO.	MCU NO.	SDGE <small>A Sempra Energy utility</small>	
BUDGET: 505	TB NO: 1209-C5	GAS TECHNICAL SERVICES - MIRAMAR GAS DISTRIBUTION SYSTEM	
CP STATIONS:	QA/QC:	GOLD COAST DR AND WESTONHILL DR RELOCATE 4 - 1" PE SVCS	
REF. REF#:	DATE:	CITY OF SAN DIEGO	
DRAWN: J.P. 7/18/22	DESIGNED: J.P. 7/18/22	Job Notification No. 30000328074	Work Order No.
SYSTEM PROTECTION:	WELDING INSPECTOR:	Rev.	
PIPELINE OPERATIONS:	REGION ENGINEERING:	PLOT SCALE: 1:1	SHEET: 4 of 9
FUS SUPVR APPROVAL:			



LEGEND:

- (70) YEAR OF EXISTING MAIN OR SERVICE
- (R) RETIRE FROM SERVICE
- (O) MAIN OR SERVICE TO BE OPEN TRENCH
- (2) DESIGN BY LOCATION
- (M) METER WITH PLUMB NOTE
- (250) METER SIZE - STANDARD CUBIC FEET PER HOUR (SCFH)
- (1EFVP250) EFV 1" PE WITH A MAX. 1620 SCFH (S783250)

ESTIMATED PIPE FOOTAGE

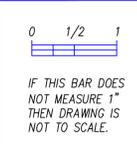
1" PE SERVICE	302±
3/4" STL SERVICE	140±

W WATER-LINE
 S SEWER-LINE
 P/L PROPERTY-LINE
 F/C FACE-OF-CURB
 SD STORM DRAIN-LINE

- GENERAL NOTES:**
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 - GOSL OR FCA TO SCHEDULE PRE-CONSTRUCTION MEETING. ATTENDEES TO INCLUDE FIELD UTILITY SPECIALIST, PIPELINE OPERATIONS, WELDING INSPECTION AND CATHODIC PROTECTION AS REQUIRED.
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 - PURGE GAS SYSTEM IN ACCORDANCE WITH GAS STANDARD D7911 & G7909.
 - TEST NEW GAS SERVICES 1/2" - 1" FOR 15 MINUTES FOR LENGTHS LESS THAN 1000' PER GAS STANDARD D7265.
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 - 1.6. 5' FROM EXISTING STREET TREE

NOTE:
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NOTE:
POTHOLE TO VERIFY POSITION AND DEPTH OF EXISTING FACILITIES.



The City of
SAN DIEGO
DEVELOPMENT SERVICES DEPARTMENT

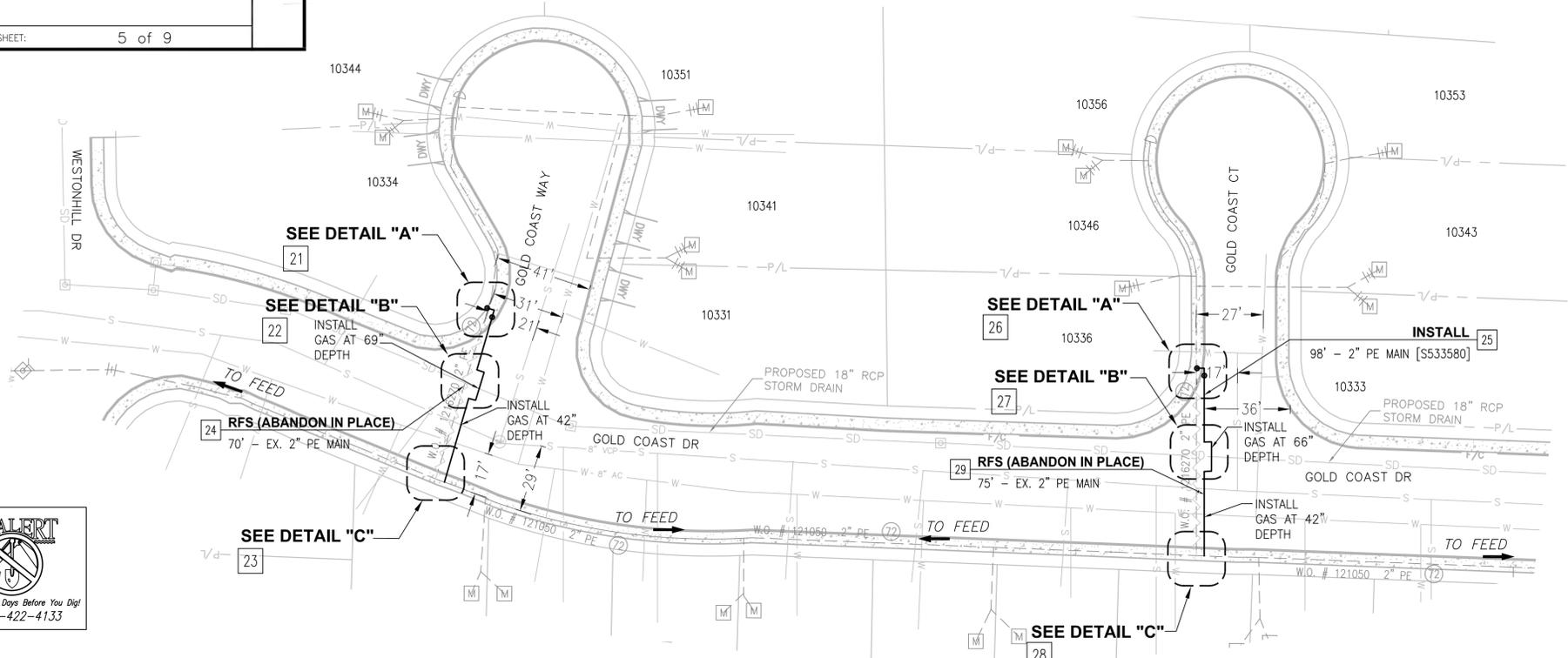
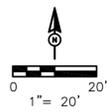
*** IF APPLICABLE**
PRIVATE CONTRACT

IMPROVEMENT PLAN FOR:
SDGE - 30000328074
GOLD COAST DR
FROM: CAMINO RUIZ TO: BROOKHURST LN

SHEET 4 OF 14 SHEETS	PRJ NO. _____
	PMT NO. _____
C03	

REV 02/02/2022

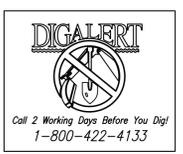
PERMIT NO.	MCU NO.	SDGE A Semptra Energy utility	
BUDGET: 505	TB NO: 1209-D5		
CP STATIONS:	QA/QC:	GAS TECHNICAL SERVICES - MIRAMAR GAS DISTRIBUTION SYSTEM	
REF. RER#:	DATE	GOLD COAST WAY AND GOLD COAST CT RELOC 2" PE MAIN	
DRAWN: J.P.	5/18/22	CITY OF SAN DIEGO	
DESIGNED: J.P.	5/18/22		
SYSTEM PROTECTION:			
WELDING INSPECTOR:			
PIPELINE OPERATIONS:		Job Notification No.	Work Order No.
REGION ENGINEERING:		300000328074	
FUS SUPVR APPROVAL:		PLOT SCALE: 1:1	SHEET: 5 of 9



NOTE:
USE STEEL ENCIRCLEMENT CLAMPS FOR DUPONT SQUEEZE OPERATIONS.
STOCK # S228970 FOR 2" PE
STOCK # S228972 FOR 3" PE

NOTE:
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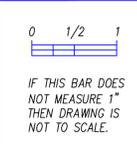
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 6. THIS JOB IS NOT IMPACTED BY AB-1937.
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- 1.2. 10' TO RECYCLED MAINS
- 1.3. 5' TO WATER MAINS
- 1.4. 5' TO STORM DRAINS & STORM DRAIN STRUCTURES
- 1.5. 5' TO ALL VALVES
- 1.6. 5' FROM EXISTING STREET TREE

ESTIMATED PIPE FOOTAGE

2" PE MAIN	192'±
RFS EX. 2" PE MAIN ABANDONED-	145'±
RFS EX. 2" PE MAIN	24'±

- LEGEND:**
- (?) YEAR OF EXISTING MAIN OR SERVICE
 - (R) RETIRE FROM SERVICE
 - (O) MAIN OR SERVICE TO BE OPEN TRENCH
 - (2) DESIGN BY LOCATION



CROSSING NOTE:
EXIST. A.C. WATER PIPE SHALL MAINTAIN A MINIMUM 12" VERTICAL CLEARANCE FROM TOP OF PIPE OR BOTTOM OF BEDDING MATERIAL. IF DRY CONDUIT IS PLACED BELOW PIPE, WITHIN 12" ZONE, BACKFILL UNDER WET UTILITY SHALL BE COMPACTED SAND.

UTILITY NOTE:

- ALL LATERAL PIPE SEWER & WATER AND MAINTAIN MIN. SPACING WITH THE NEW PROPOSED LATERAL GAS PIPE (5' MIN. SEPARATION FROM SEWER SERVICE & 5' MIN SEPARATION FROM WATER SERVICE).
- IF MIN. SEPARATIONS CANNOT BE MET, AN ADDITIONAL APPROVAL WILL BE REQUIRED FROM THE RESPECTIVE DISCIPLINES WHICH INCLUDES PUD AND LANDSCAPE.



*** IF APPLICABLE**

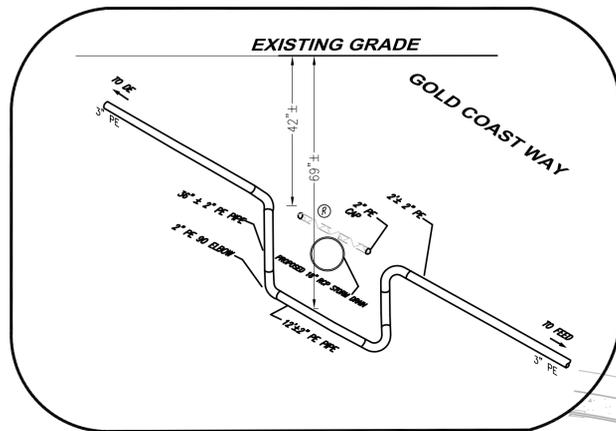
IMPROVEMENT PLAN FOR:	
SDGE - 300000328074	
GOLD COAST DR	
FROM: CAMINO RUIZ	TO: BROOKHURST LN
SHEET 5 OF 14 SHEETS	PRJ NO. _____
	PMT NO. _____
C04	



REV 02/02/2022

PERMIT NO.	MCU NO.		
	4306823		
BUDGET: 505	TB NO: 1209-D5	GAS TECHNICAL SERVICES - MIRAMAR	
CP STATIONS:	QA/QC:	GAS DISTRIBUTION SYSTEM	
REF. RER#:	DATE	GOLD COAST WAY AND GOLD COAST CT RELOC 2" PE MAIN CITY OF SAN DIEGO	
DRAWN: J.P. 5/18/22	DESIGNED: J.P. 5/18/22		
SYSTEM PROTECTION:		Job Notification No.	Work Order No.
WELDING INSPECTOR:		300000328074	
PIPELINE OPERATIONS:		PLOT SCALE: 1:1	SHEET: 6 of 9
REGION ENGINEERING:			
FUS SUPVR APPROVAL:			

INSTALL DROP SECTION DOUBLE SQUEEZE

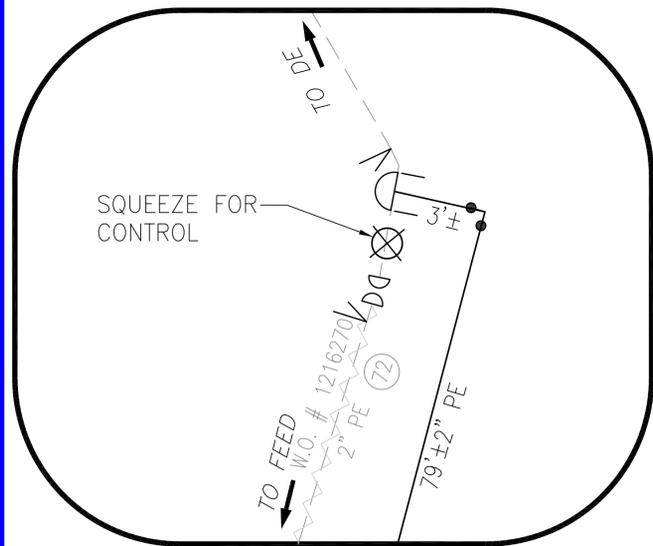


DETAIL "B"

NO SCALE

- 22 INSTALL:**
- 4-2" 90° ELBOW [S321714]
 - 4-2" PE CAP [S203200]
 - 94"-2" PE PIPE [S533582]

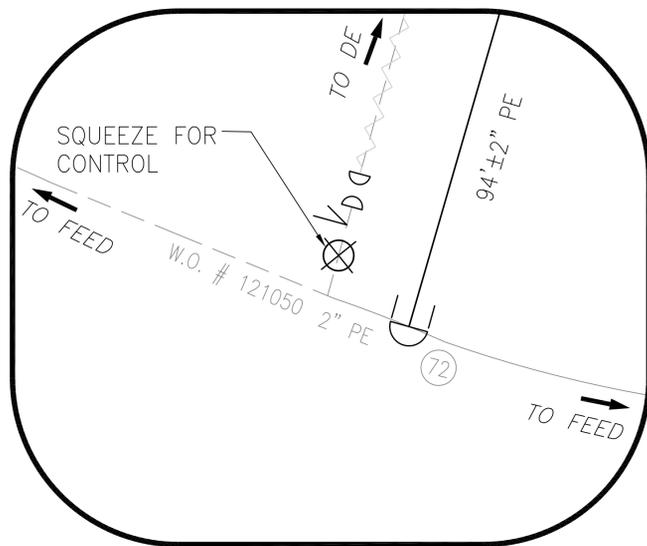
RFS(REMOVE FROM GROUND): 12'± 2" PE PIPE



DETAIL "A"

NO SCALE

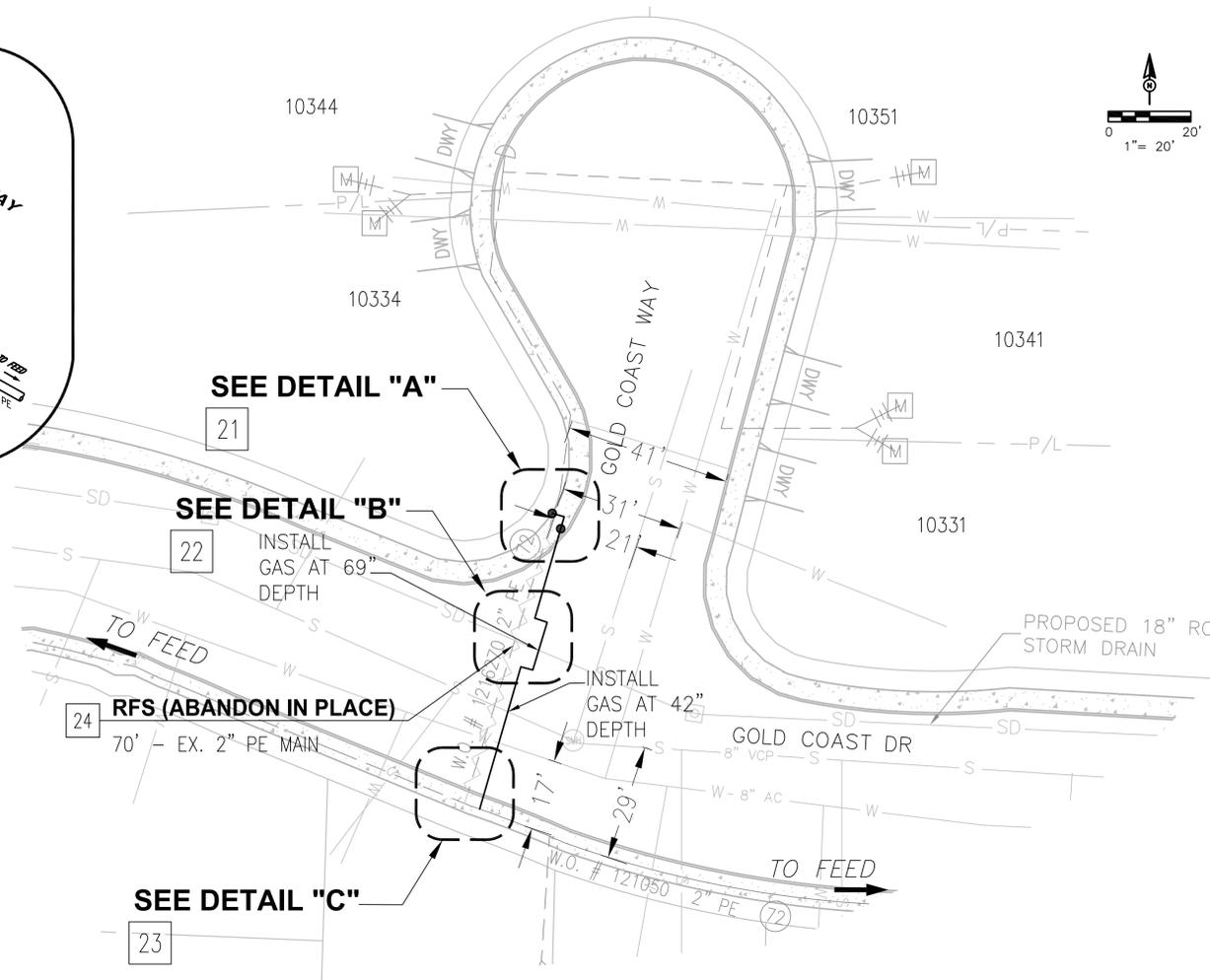
- 21 INSTALL:**
- 2 - 2" X 1/2" TAPPING TEE [S723868]
 - 2 - 2" PE CAPS [S203192]
 - 1 - 2" 90° ELBOWS [S321714]
 - 1 - 2" X 2" BRANCHING SADDLE [S609980]



DETAIL "C"

NO SCALE

- 23 INSTALL:**
- 1 - 2" X 2" BRANCHING SADDLE [S609980]
 - 2 - 2" PE CAP [S203192]



NOTE:
USE STEEL ENCIRCLEMENT CLAMPS FOR DUPONT SQUEEZE OPERATIONS.
STOCK # S228970 FOR 2" PE
STOCK # S228972 FOR 3" PE

NOTE:
HEADER TRUCK TO CARRY GAS LOAD FOR 10351, 10344, 10334, 10331 AND 10331 GOLD COAST WAY.

*** IF APPLICABLE**

PRIVATE CONTRACT	
IMPROVEMENT PLAN FOR:	
SDGE - 300000328074	
GOLD COAST DR	
FROM: CAMINO RUIZ	TO: BROOKHURST LN
SHEET 6 OF 14 SHEETS	PRJ NO. _____
	PMT NO. _____
	C05

0 1/2 1



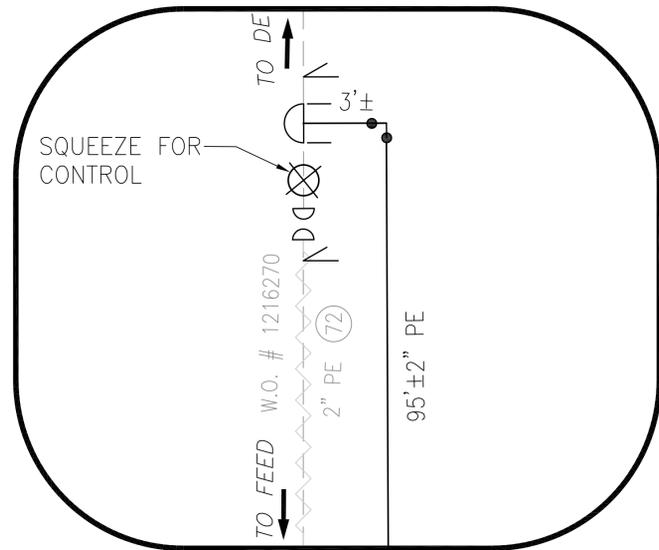
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

The City of **SAN DIEGO**

DEVELOPMENT SERVICES DEPARTMENT

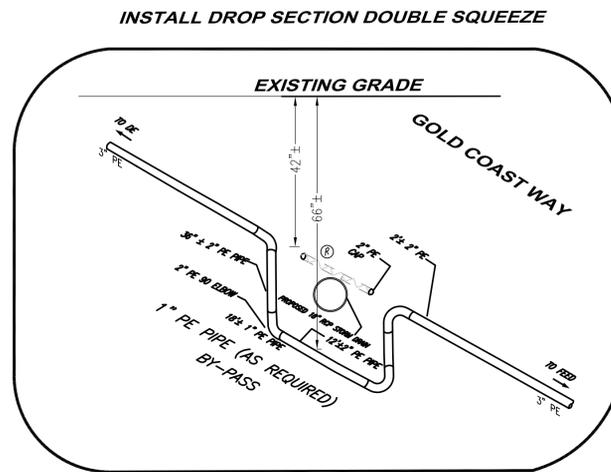
REV. 02/02/2022

PERMIT NO.	MCU NO.		
	4306823		
BUDGET: 505	TB NO: 1209-D5	GAS TECHNICAL SERVICES - MIRAMAR	
CP STATIONS:	QA/QC:	GAS DISTRIBUTION SYSTEM	
REF. REF#:	DATE	GOLD COAST WAY AND GOLD COAST CT RELOC 2" PE MAIN CITY OF SAN DIEGO	
DRAWN: J.P.	5/18/22		
DESIGNED: J.P.	5/18/22		
SYSTEM PROTECTION:		Job Notification No.	Work Order No.
WELDING INSPECTOR:		300000328074	
PIPELINE OPERATIONS:		PLOT SCALE: 1:1	SHEET: 7 of 9
REGION ENGINEERING:			
FUS SUPVR APPROVAL:			



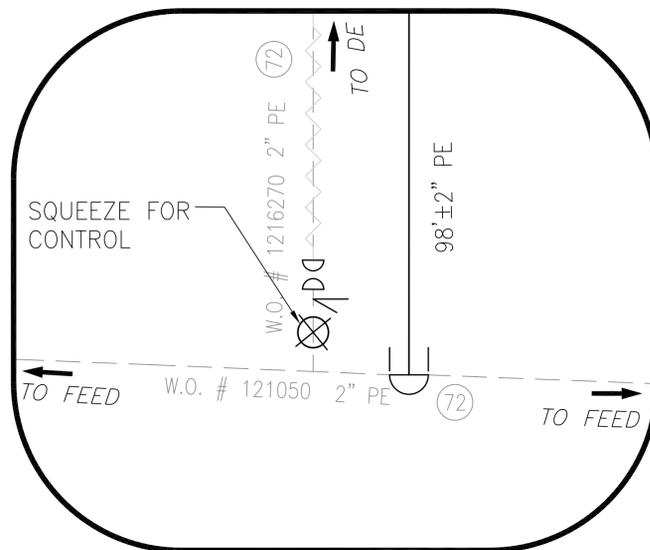
DETAIL "A"
NO SCALE

- 26 INSTALL:**
- 2 - 2 X 1/2" TAPPING TEE [S723868]
 - 2 - 2" PE CAP [S203192]
 - 1 - 2" 90° ELBOWS [S321714]
 - 1 - 2"X2" BRANCHING SADDLE [S609980]



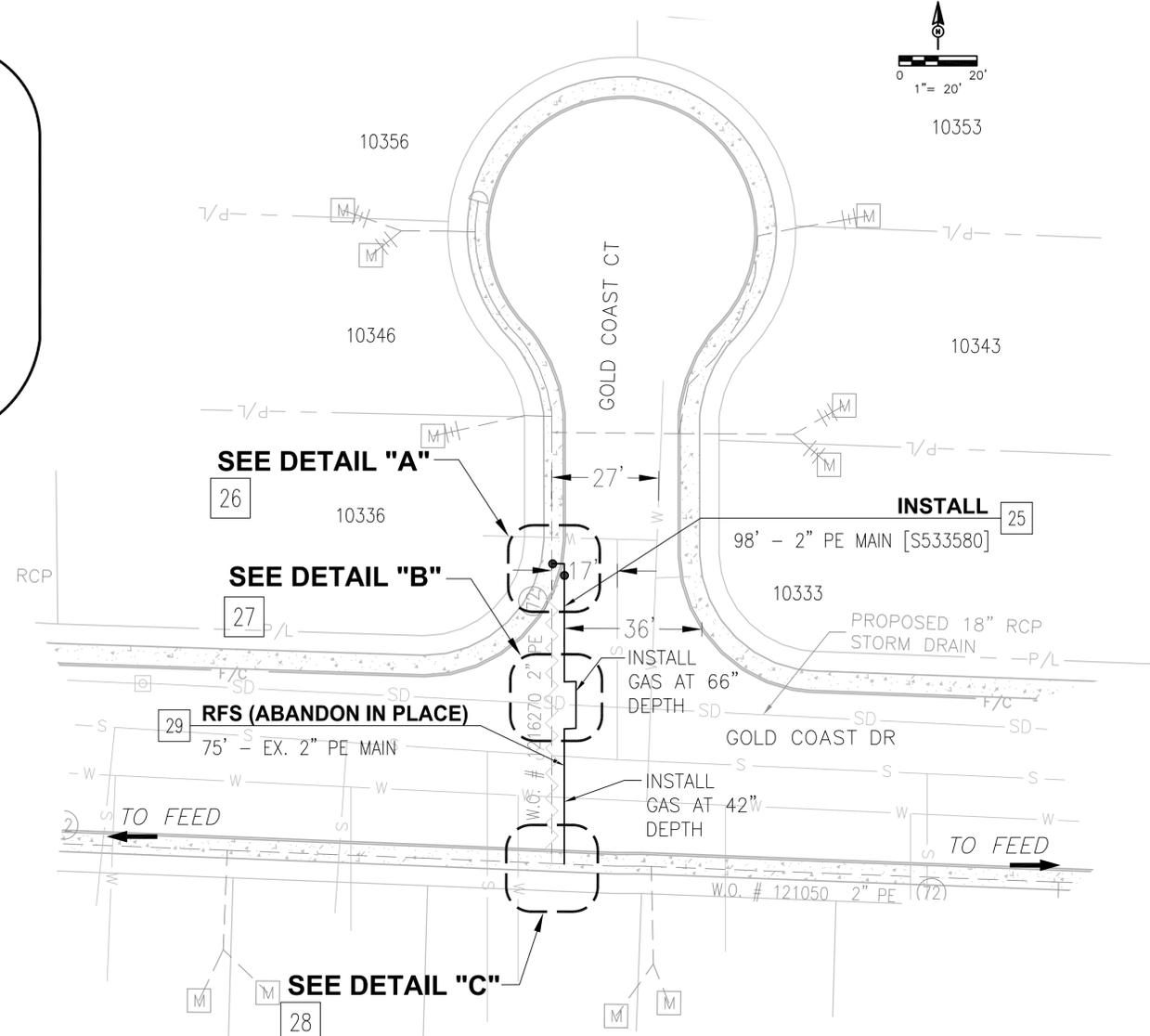
DETAIL "B"
NO SCALE

- 27 INSTALL:**
- 1-2"X1/2" TAPPING TEE [S723868]
 - 4-2" 90° ELBOW [S321714]
 - 4-2" PE CAP [S203200]
 - 98'-2" PE PIPE [S533582] PRE-TESTED
- RFS 12'± 2" PE PIPE



DETAIL "C"
NO SCALE

- 28 INSTALL:**
- 1 - 2" X 1/2" TAPPING TEE [S723868]
 - 1 - 2" X 2" BRANCHING SADDLE [S609980]
 - 2 - 2" PE CAP [S203192]



NOTE:
HEADER TRUCK TO CARRY GAS LOAD FOR 10336, 10346, 10356, 10353, 10343 AND 10333 GOLD COAST CT.

NOTE:
USE STEEL ENCIRCLEMENT CLAMPS FOR DUPONT SQUEEZE OPERATIONS. STOCK # S228970 FOR 2" PE STOCK # S228972 FOR 3" PE

*** IF APPLICABLE**

PRIVATE CONTRACT
IMPROVEMENT PLAN FOR:
 SDGE - 300000328074
 GOLD COAST DR
 FROM: CAMINO RUIZ TO: BROOKHURST LN

SHEET 7 OF 14 SHEETS
 PRJ NO. _____
 PMT NO. _____

0 1/2 1

 IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

The City of
SAN DIEGO
 DEVELOPMENT SERVICES DEPARTMENT

C06

(REV. 02/02/2022)

PERMIT NO.	MCU NO.		
BUDGET: 505	TB NO: 1209-05		
OP STATIONS: 324	QA/QC:	GAS TECHNICAL SERVICES - MIRAMAR GAS DISTRIBUTION SYSTEM	
REF. RER#:	DATE	BAYWOOD LN AND GOLD COAST DR RELOC 110' - 2" STL MAIN CITY OF SAN DIEGO	
DRAWN: J.P.	5/18/22		
DESIGNED: J.P.	5/18/22	Job Notification No. 300000328074	
SYSTEM PROTECTION:		Work Order No.	
WELDING INSPECTOR:		Rev.	
PIPELINE OPERATIONS:		PLOT SCALE: 1:1	
REGION ENGINEERING:		SHEET: 8 of 9	
FUS SUPVR APPROVAL: J.D.	7/8/22		

CROSSING NOTE:
EXIST. A.C. WATER PIPE SHALL MAINTAIN A MINIMUM 12" VERTICAL CLEARANCE FROM TOP OF PIPE OR BOTTOM OF BEDDING MATERIAL. IF DRY CONDUIT IS PLACED BELOW PIPE, WITHIN 12" ZONE, BACKFILL UNDER WET UTILITY SHALL BE COMPACTED SAND.

UTILITY NOTE:

- ALL LATERAL PIPE SEWER & WATER AND MAINTAIN MIN. SPACING WITH THE NEW PROPOSED LATERAL GAS PIPE (3" MIN. SEPARATION FROM SEWER SERVICE & 5" MIN SEPARATION FROM WATER SERVICE).
- IF MIN. SEPARATIONS CANNOT BE MET, AN ADDITIONAL APPROVAL WILL BE REQUIRED FROM THE RESPECTIVE DISCIPLINES WHICH INCLUDES PUD AND LANDSCAPE.

SPECIAL NOTES:

THE FOLLOWING NOTES ARE PROVIDED TO GIVE DIRECTION TO THE CONTRACTOR BY THE ENGINEER OF WORK. THE CITY ENGINEER'S SIGNATURE ON THESE PLANS DOES NOT CONSTITUTE APPROVAL OF ANY OF THESE NOTES AND THE CITY WILL NOT BE RESPONSIBLE FOR THEIR ENFORCEMENT.

SURVEY NOTES:

- IN THE EVENT A PROPERTY CORNER MONUMENT IS PLANNED ON BEING REMOVED AT ANY TIME DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY SDG&E LAND SURVEY DEPARTMENT AT LEAST 7 DAYS AHEAD OF TIME TO ENSURE COMPLIANCE WITH CALIFORNIA BUSINESS AND PROFESSIONS CODE.
- IN THE EVENT A PROPERTY CORNER MONUMENT IS REMOVED DUE TO AN IMMEDIATE EMERGENCY, THE CONTRACTOR SHALL NOTIFY SDG&E LAND SURVEY DEPARTMENT WITHIN 24 HOURS, AFTER THE EMERGENCY CONSTRUCTION ACTION IS FINISHED IN ORDER TO ENSURE THE MONUMENTS IS REPLACED, IN COMPLIANCE WITH THE CALIFORNIA BUSINESS AND PROFESSIONS CODE.
- PLEASE CONTACT JAYSON MARIJANA, PLS (858) 616-7567 OR KEN HAYNES, PLS (858) 276-8387.

GENERAL NOTES:

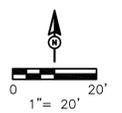
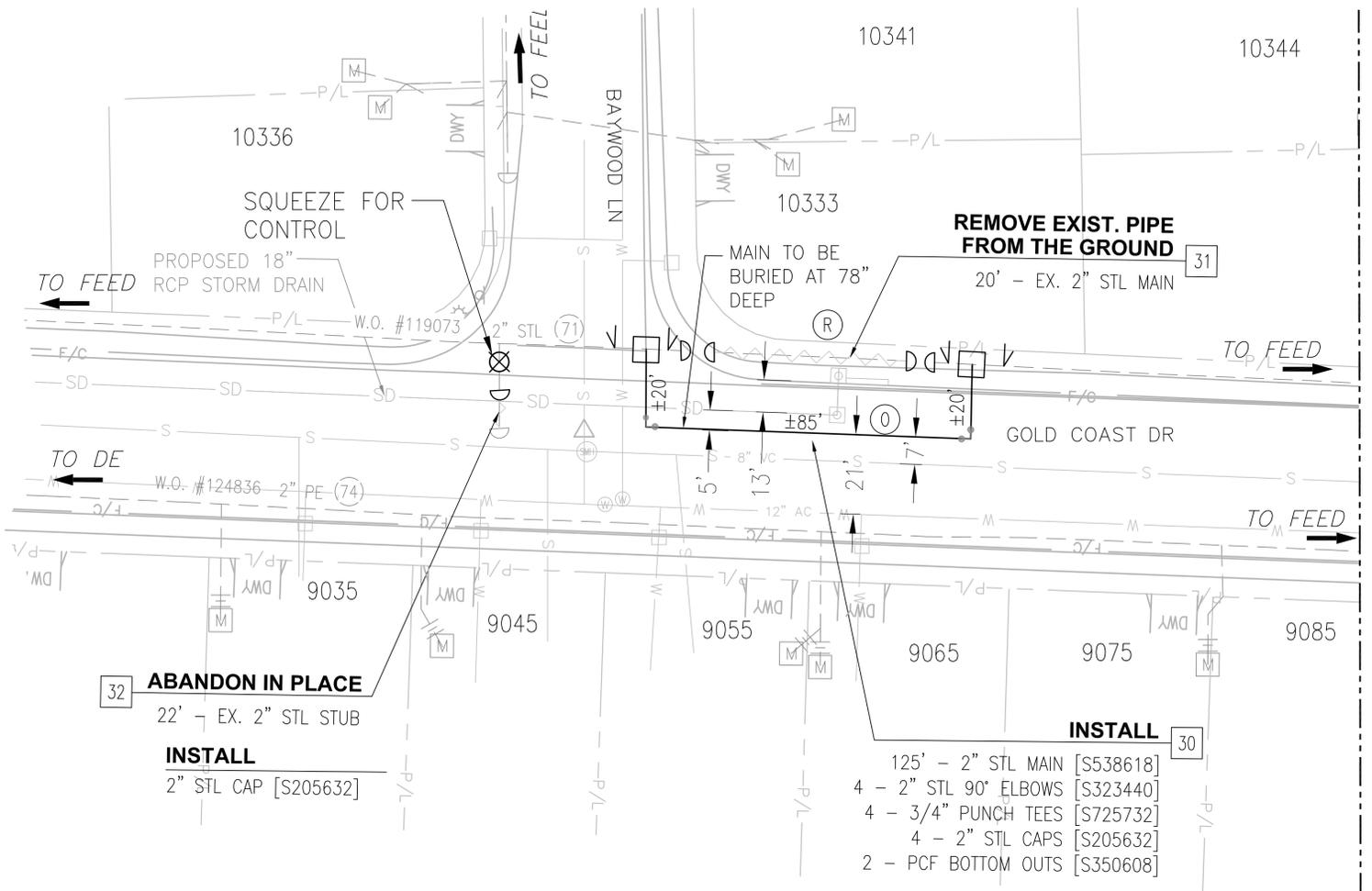
- GOSL/CONTRACTOR TO CONTACT FIELD UTILITY SPECIALIST 2 WORKING DAYS PRIOR TO STARTING JOB. POSITION AND GRADE TO BE SET BY FIELD UTILITY SPECIALIST. CONTACT FIELD UTILITY SPECIALIST FOR ANY DESIGN CHANGES. FIELD UTILITY SPECIALIST - JOSHUA PLASCENCIA AT 619-787-0963.
- GOSL OR FCA TO SCHEDULE PRE-CONSTRUCTION MEETING. ATTENDEES TO INCLUDE FIELD UTILITY SPECIALIST, PIPELINE OPERATIONS, WELDING INSPECTION AND CATHODIC PROTECTION AS REQUIRED.
- CONTRACTOR/FCA/GOSL TO CONTACT SDG&E REGION ENGINEER, <NAME> AT <TEL. NO.>, 2 WORKING DAYS PRIOR TO PERFORMING ANY HP STRENGTH TESTS.
- ALL PRESSURE TAPPING FITTINGS (PCF) MUST BE CLEARED BY PIPELINE OPERATIONS, WITH 3 DAYS NOTICE, FROM THE STOREROOM AND BEFORE PREP IN SHOP OR FIELD WELDING.
- ALL PRESSURE TAPPING FITTINGS (PCF) WELDING MUST BE CLEARED AND VERIFIED BY THE JOB WELDING INSPECTOR BEFORE FITTING PREP IN SHOP OR FIELD WELDING.
- PURGE GAS SYSTEM IN ACCORDANCE WITH GAS STANDARD D7911 & G7909.
- TEST NEW 2" STEEL MAIN PIPE GREATER THAN 1" AT 100 PSI FOR 1 HOUR FOR LENGTHS LESS THAN 1000' AND GAS SERVICES 1/2" - 1" FOR 15 MINUTES FOR LENGTHS LESS THAN 1000' PER GAS STANDARD D7265.
- MINIMUM DISTANCE TO WELDING OR TORCH CUTTING NEAR 2" PCF IS 12 INCHES MIN. PER GAS STANDARD G7345.
- STEEL JOBS GREATER THAN 100' - DOCUMENT ODOR INTENSITY TEST PER G8132 APPENDIX "B" AND KEEP IN FINAL WORK ORDER PACKAGE.
- ABANDONED NATURAL GAS PIPELINES MAY CONTAIN ASBESTOS IN THEIR INSULATING MATERIAL. PIPE COATING WRAP THAT MAY CONTAIN ASBESTOS SHALL BE TREATED AS ASBESTOS CONTAINING MATERIAL (ACM). COAL TAR PIPE WRAP THAT IS REMOVED PROPERLY USING WET METHODS AND HAND TOOLS IN NON-FRAGILE AND IS NOT CONSIDERED A REGULATED ACM. ACM COAL TAR WASTE MUST STILL BE MANAGED AND DISPOSED ON IN ACCORDANCE WITH APPLICABLE SAFETY AND ENVIRONMENTAL LAWS AND REGULATIONS. SEE COMPANY OPERATIONS STANDARD G8321.
- THIS JOB NOT IMPACTED BY AB-1937.
- SAN DIEGO GAS & ELECTRIC WILL FOLLOW THE BMP STANDARDS PER THE CITY OF XX BEST MANAGEMENT PRACTICES MANUAL FOR WATER QUALITY CONSTRUCTION.
- ANY TRAFFIC LOOPS DISTURBED DURING THE COURSE OF SDG&E CONSTRUCTION ACTIVITY WILL BE RESTORED TO CITY OF SAN DIEGO STANDARDS PER SDE-101 & SDE-104.
- NEW MAINS, LATERALS, & SERVICES WILL BE INSTALLED PER SDG&E D7403 & G7409 & WILL MAINTAIN MINIMUM VERTICAL CLEARANCES OF 12" FROM THE PROPOSED UTILITY LINES.
- NEW MAINS WILL BE INSTALLED WITH THE FOLLOWING MINIMUM CLEARANCES FROM UTILITY FACILITIES LISTED BELOW. UNLESS OTHERWISE NOTED ON DESIGN.
 - 1.1. 10' SEWER, 5' ALLEYS
 - 1.2. 10' TO RECYCLED MAINS
 - 1.3. 5' TO WATER MAINS
 - 1.4. 5' TO STORM DRAINS & STORM DRAIN STRUCTURES
 - 1.5. 5' TO ALL VALVES
 - 1.6. 5' FROM EXISTING STREET TREE

NOTE:
WARNING MESH MUST BE INSTALLED ON ALL GAS MAINS AND SERVICES.

NOTE:
POTHOLE TO VERIFY POSITION AND DEPTH OF EXISTING FACILITIES.



0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.



- INSTALL**
- 125' - 2" STL MAIN [S538618]
 - 4 - 2" STL 90° ELBOWS [S323440]
 - 4 - 3/4" PUNCH TEES [S725732]
 - 4 - 2" STL CAPS [S205632]
 - 2 - PCF BOTTOM OUTS [S350608]

ESTIMATED PIPE FOOTAGE

2" STL MAIN	125'±
RFS EX. 2" STL MAIN	20'±
RFS EX. 2" STL STUB	79'±

LEGEND:

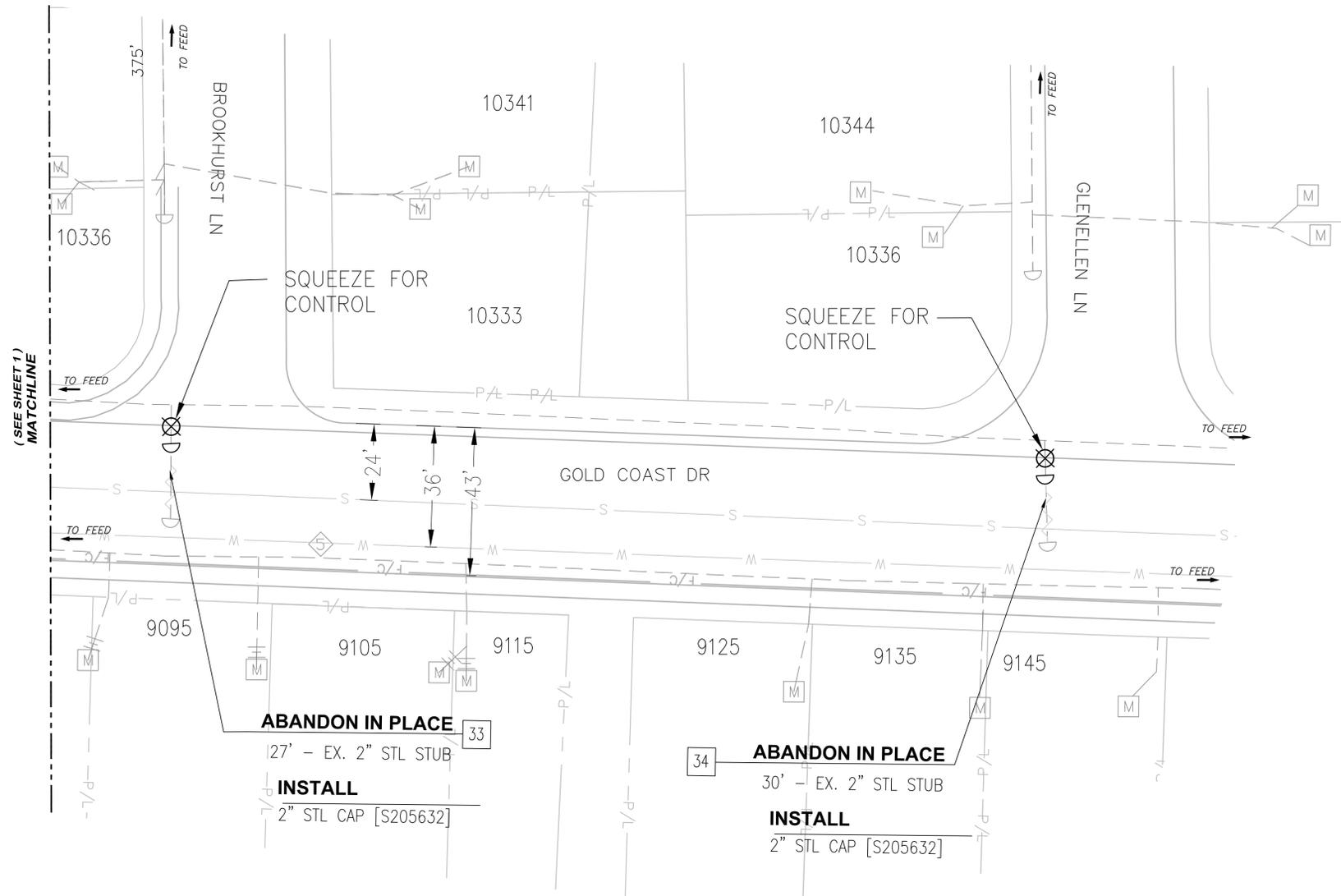
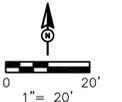
- ① INSERT ENTIRE SERVICE WITH 1/2" PE PIPE
 - ⑦① YEAR OF EXISTING MAIN OR SERVICE
 - Ⓡ RETIRE FROM SERVICE
 - ⓪ MAIN OR SERVICE TO BE OPEN TRENCH
 - ② DESIGN BY LOCATION
- | | |
|---------|------------------|
| — W — | WATER-LINE |
| — S — | SEWER-LINE |
| — P/L — | PROPERTY-LINE |
| — F/C — | FACE-OF-CURB |
| — SD — | STORM DRAIN-LINE |
| — E — | ELEC-LINE |

*** IF APPLICABLE**

PRIVATE CONTRACT	
IMPROVEMENT PLAN FOR:	
SDGE - 300000328074	
GOLD COAST DR	
FROM: CAMINO RUIZ	TO: BROOKHURST LN
SHEET 8 OF 14 SHEETS	PRJ NO. _____
	PMT NO. _____
C07	

REV 02/02/2022

PERMIT NO.	MCU NO. 4307415			
BUDGET: 505	TB NO: 1209-D5			
CP STATIONS: 324	QA/QC:	GAS TECHNICAL SERVICES - MIRAMAR GAS DISTRIBUTION SYSTEM		
REF. REF#:	DATE	BAYWOOD LN AND GOLD COAST DR RELOC 110' - 2" STL MAIN CITY OF SAN DIEGO		
DRAWN: J.P.	5/18/22			
DESIGNED: J.P.	5/18/22			
SYSTEM PROTECTION:				
WELDING INSPECTOR:		Job Notification No. 300000328074	Work Order No.	Rev.
PIPELINE OPERATIONS:				
REGION ENGINEERING:				
FUS. SUPVR APPROVAL: J.D.	7/8/22	PLOT SCALE: 1:1	SHEET: 9 of 9	



*** IF APPLICABLE**

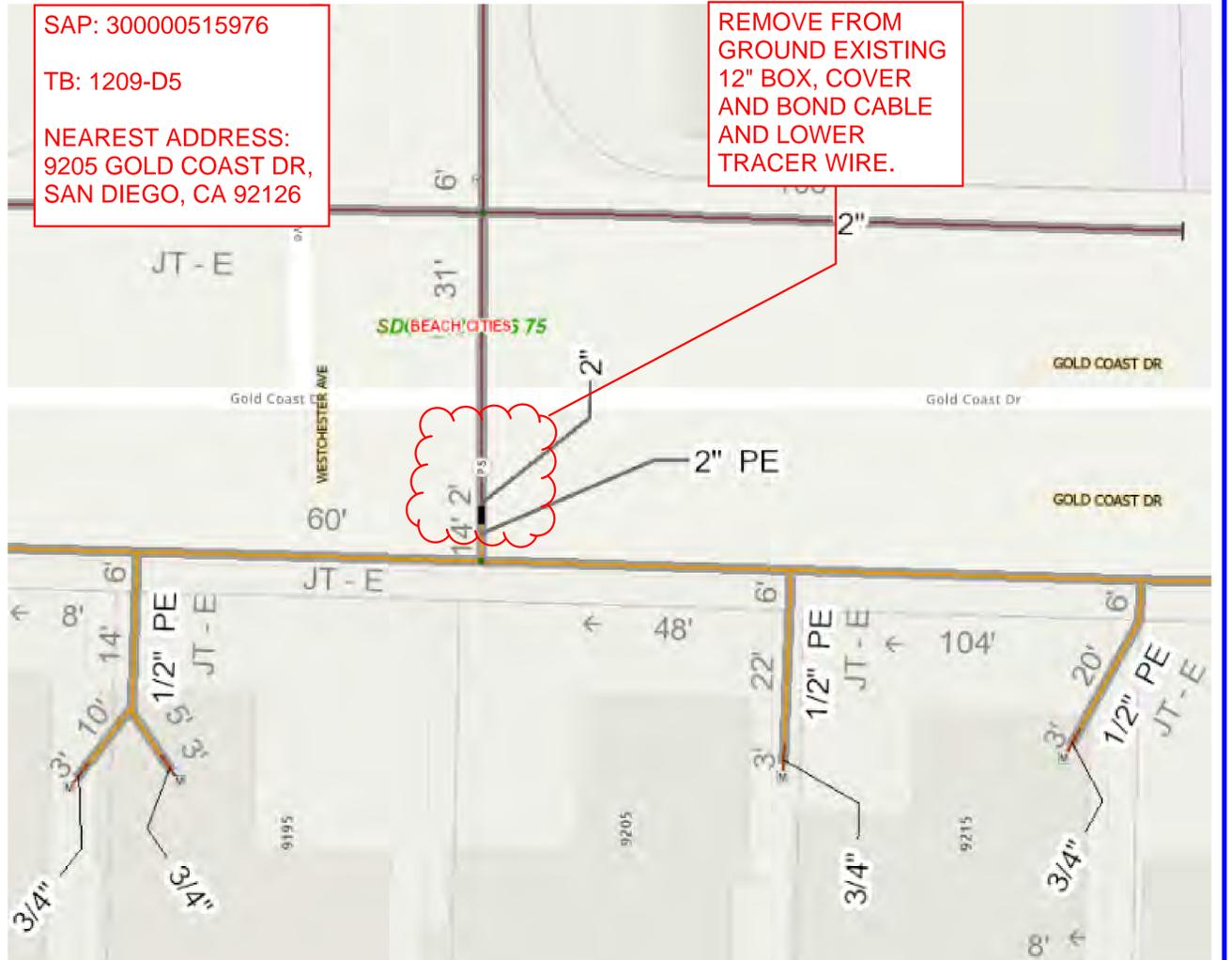
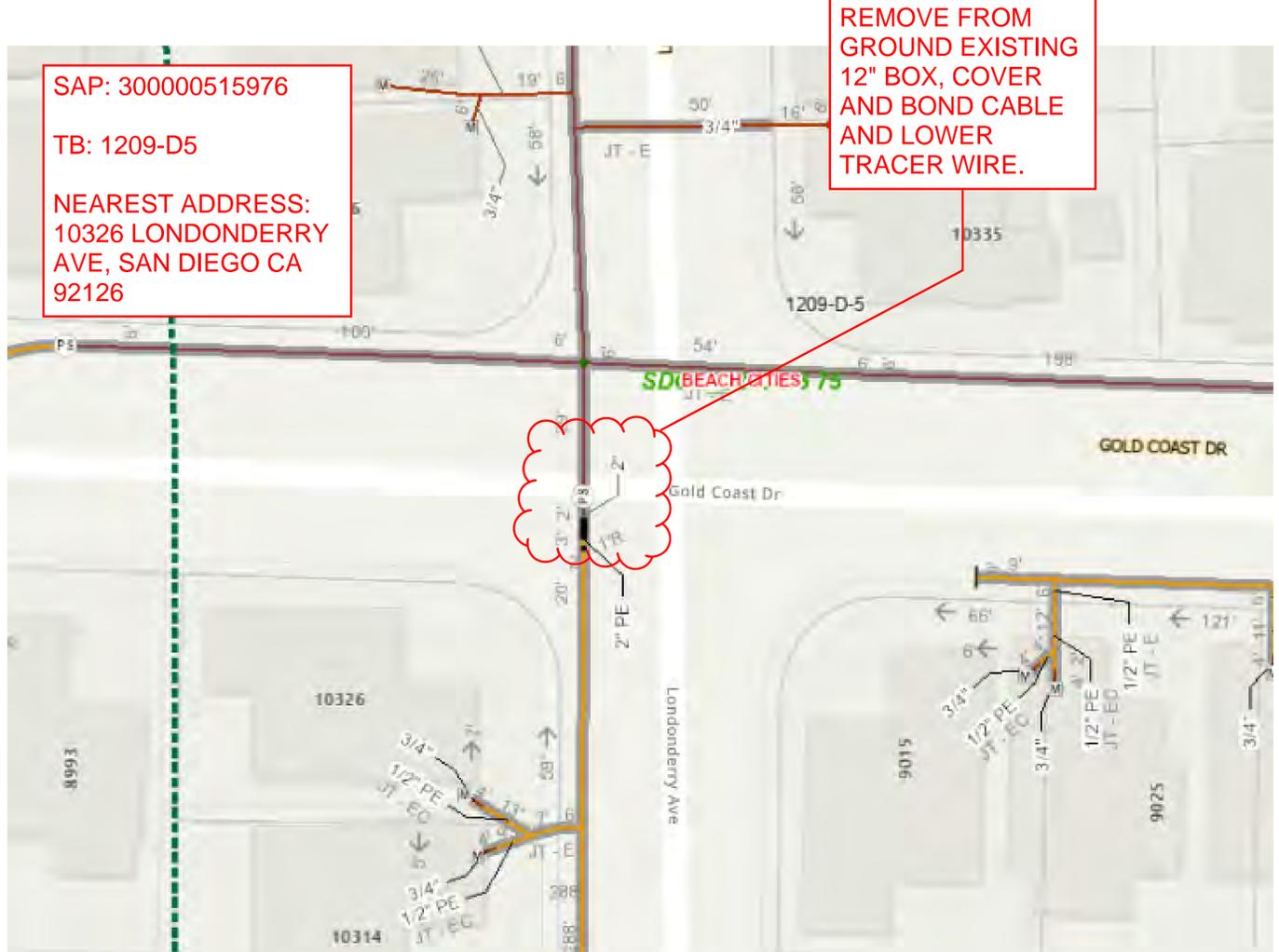
PRIVATE CONTRACT

IMPROVEMENT PLAN FOR:	
SDGE - 300000328074	
GOLD COAST DR	
FROM: CAMINO RUIZ	TO: BROOKHURST LN

SHEET 9 OF 14 SHEETS	PRJ NO. _____
	PMT NO. _____

 IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.	 DEVELOPMENT SERVICES DEPARTMENT	C08
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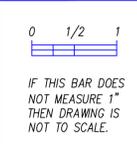
REV. 02/02/2022



REV. 02/02/2022

*** IF APPLICABLE**

PRIVATE CONTRACT	
IMPROVEMENT PLAN FOR:	
SDGE - 30000328074	
GOLD COAST DR	
FROM: CAMINO RUIZ	TO: BROOKHURST LN
SHEET 10 OF 14 SHEETS	PRJ NO. _____
	PMT NO. _____



The City of
SAN DIEGO
 DEVELOPMENT SERVICES DEPARTMENT

C09

	UTILITY TYPE	SIZE & MATERIAL	UTILITY DEPTH	ENCASEMENT TOP	ENCASEMENT BOTTOM	UTILITY DIRECTION
1	TV	2.0" Plastic	43.0" T/P	N/A	N/A	W/E
2	Electric	4.0" PVC	49.0" T/P	N/A	N/A	W/E
3	Gas	3.0" Steel	43.0" T/P	N/A	N/A	W/E
4	TV	Concrete Encasement	N/A	3.5" T/E	23.0" B/E	N/S

	APPROXIMATE STATION	NORTHING COORDINATES	EASTING COORDINATES	GROUND ELEVATION	UTILITY ELEVATION
1	N/A	N/A	N/A	N/A	N/A
2	N/A	N/A	N/A	N/A	N/A
3	N/A	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A	N/A

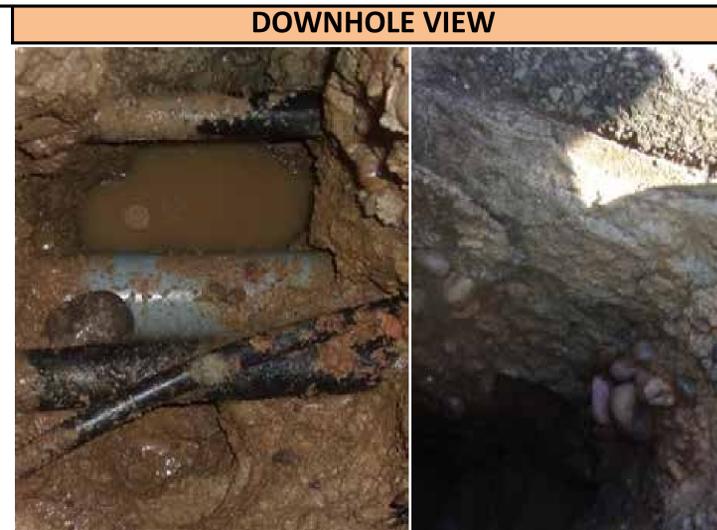
PAVEMENT THICKNESS: N/A ASPHALT: 3.0" CONCRETE: N/A BASE COURSE: N/A

TARGET UTILITY MARKED BY USA:	Yes	TRACER WIRE FOUND:	No
MARKOUT LOCATION CORRECT:	Yes	PIPE COVER MATERIAL:	Subgrade
UTILITY SHOWN ON PLAN:	Yes	OVERBURDEN MATERIAL:	Clay/Subgrade

COMMENTS:



Pothole 5 is located in the intersection of Gold Coast Drive and Arrow Rock Ave. Please refer to Location Map 3 for the approximate location of Pothole 5. The photo above was taken in front of Pothole 5 facing east.



A downhole view of the utilities found in Pothole 5 and their orientation at the pothole location: 2 inch plastic TV utility at the depth of 43 inches T/P and runs in a W/E direction; a 4 inch PVC electric utility at the depth of 49 inches T/P and runs in a W/E direction; a 3 inch steel utility at the depth of 43 inches T/P and runs in a W/E direction; and a concrete encasement housing TV utilities at the depth of 3.5 inches T/E and 23 inches B/E running in a N/S direction. Utilities were found directly on markout.

*** IF APPLICABLE**

PRIVATE CONTRACT

IMPROVEMENT PLAN FOR:	
SDGE - 300000328074	
GOLD COAST DR	
FROM: CAMINO RUIZ	TO: BROOKHURST LN

SHEET 11 OF 14 SHEETS	PRJ NO. _____
	PMT NO. _____

<p>IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.</p>	<p>The City of SAN DIEGO</p> <p>DEVELOPMENT SERVICES DEPARTMENT</p>	<p>C10</p>
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	UTILITY TYPE	SIZE & MATERIAL	UTILITY DEPTH	ENCASEMENT TOP	ENCASEMENT BOTTOM	UTILITY DIRECTION
1	Gas	1.0" Steel	40.0" T/P	N/A	N/A	N/S
2	Electric	3.0" PVC	49.0" T/P	N/A	N/A	N/S
3	AT&T-D	(2) 0.125" Wire	42.0" T/Wire	N/A	N/A	N/S
4						

	APPROXIMATE STATION	NORTHING COORDINATES	EASTING COORDINATES	GROUND ELEVATION	UTILITY ELEVATION
1	N/A	N/A	N/A	N/A	N/A
2	N/A	N/A	N/A	N/A	N/A
3	N/A	N/A	N/A	N/A	N/A
4					

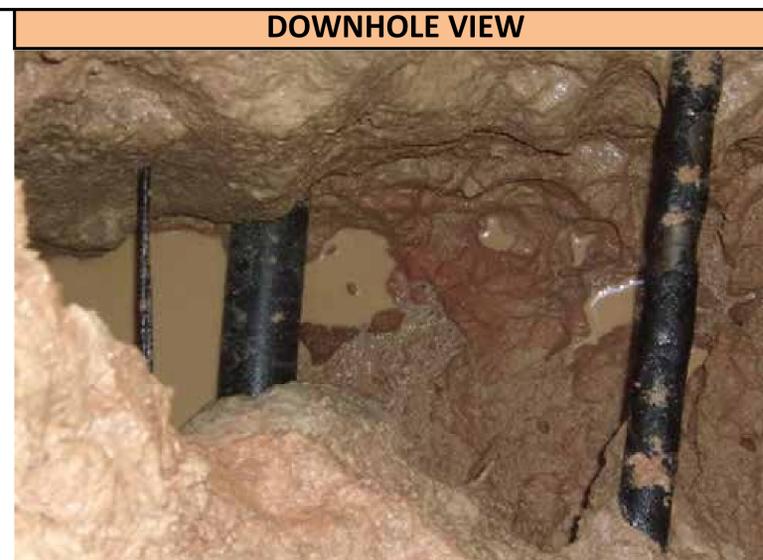
PAVEMENT THICKNESS: N/A ASPHALT: 4.5" CONCRETE: N/A BASE COURSE: N/A

TARGET UTILITY MARKED BY USA:	Yes	TRACER WIRE FOUND:	No
MARKOUT LOCATION CORRECT:	Yes	PIPE COVER MATERIAL:	Sand
UTILITY SHOWN ON PLAN:	Yes	OVERBURDEN MATERIAL:	Clay/ Subgrade

COMMENTS:



Pothole 9 is located north of the west-bound lane of Gold Coast Drive approximately 60 feet west of the intersection with Westonhill Drive. The photo above was taken in front of Pothole 9 facing east.



A downhole view of the utilities found in Pothole 9 and their orientation at the pothole location: a 1 inch steel gas utility at the depth of 40 inches T/P and runs in a N/S direction; a 3 inch PVC gas utility at the depth of 49 inches T/P and runs in a N/S direction; and (2) 0.125 inch wire AT&T-D utilities at the depth of 42 inches T/Wire and runs in a N/S direction. Utilities were found directly on markout.

*** IF APPLICABLE**

PRIVATE CONTRACT

IMPROVEMENT PLAN FOR:	
SDGE - 300000328074	
GOLD COAST DR	
FROM: CAMINO RUIZ	TO: BROOKHURST LN
SHEET 12 OF 14 SHEETS	PRJ NO. _____
	PMT NO. _____

<p>IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.</p>	<p>The City of SAN DIEGO</p> <p>DEVELOPMENT SERVICES DEPARTMENT</p>	<p>C11</p>
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REV. 02/02/2022

	UTILITY TYPE	SIZE & MATERIAL	UTILITY DEPTH	ENCASEMENT TOP	ENCASEMENT BOTTOM	UTILITY DIRECTION
1	Gas	3.0" Steel	41.0" T/P	N/A	N/A	W/E
2	Electric	4.0" PVC	53.0" T/P	N/A	N/A	W/E
3						
4						

	APPROXIMATE STATION	NORTHING COORDINATES	EASTING COORDINATES	GROUND ELEVATION	UTILITY ELEVATION
1	N/A	N/A	N/A	N/A	N/A
2	N/A	N/A	N/A	N/A	N/A
3					
4					

PAVEMENT THICKNESS: N/A ASPHALT: N/A CONCRETE: 5.0" BASE COURSE: N/A

TARGET UTILITY MARKED BY USA:	Yes	TRACER WIRE FOUND:	No
MARKOUT LOCATION CORRECT:	Yes	PIPE COVER MATERIAL:	Sand
UTILITY SHOWN ON PLAN:	Yes	OVERBURDEN MATERIAL:	Cobble/ Subgrade

COMMENTS:

Ground is water present at 53 inches deep.

AREA SHOT



Pothole 15 is located in the intersection of Gold Coast Drive and Baywood Lane. Please refer to Location Map 6 for the approximate location of Pothole 15. The photo above was taken in front of Pothole 15 facing north.

DOWNHOLE VIEW



A downhole view of the utilities found in Pothole 15 and their orientation at the pothole location: a 3 inch steel gas utility at the depth of 41 inches T/P and runs in a W/E direction; and a 4 inch PVC electric utility at the depth of 53 inches T/P and runs in a W/E direction. Utilities were found directly on markout.

*** IF APPLICABLE**

PRIVATE CONTRACT
 IMPROVEMENT PLAN FOR:
 SDGE - 300000328074
 GOLD COAST DR
 FROM: CAMINO RUIZ TO: BROOKHURST LN

0 1/2 1
 IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.



SHEET 13 OF 14 SHEETS	PRJ NO. _____
	PMT NO. _____
C12	

REV. 02/02/2022

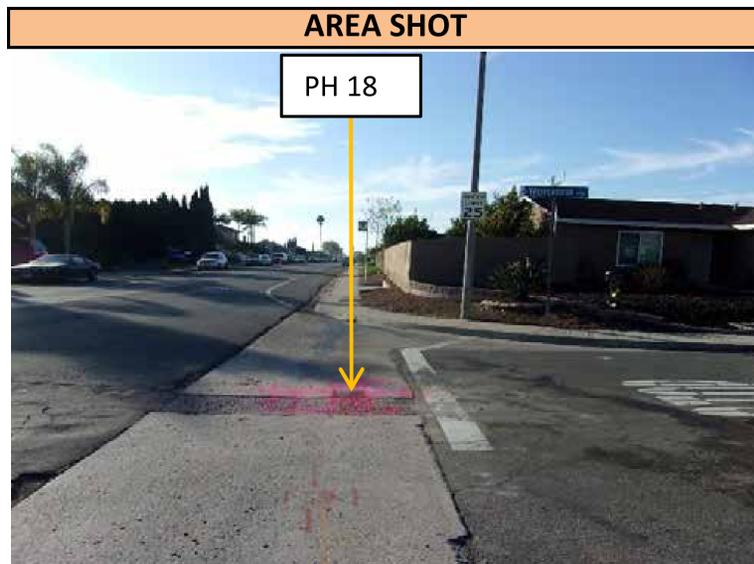
	UTILITY TYPE	SIZE & MATERIAL	UTILITY DEPTH	ENCASEMENT TOP	ENCASEMENT BOTTOM	UTILITY DIRECTION
1	Gas	2.0" Steel	31.0" T/P	N/A	N/A	W/E
2	Electric	4.0" PVC	41.5" T/P	N/A	N/A	W/E
3	Electric	(2) 4.0" PVC	45.0" T/P	N/A	N/A	W/E
4	Reclaimed Water	4.0" C900	35.0" T/P	N/A	N/A	N/S

	APPROXIMATE STATION	NORTHING COORDINATES	EASTING COORDINATES	GROUND ELEVATION	UTILITY ELEVATION
1	N/A	N/A	N/A	N/A	N/A
2	N/A	N/A	N/A	N/A	N/A
3	N/A	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A	N/A

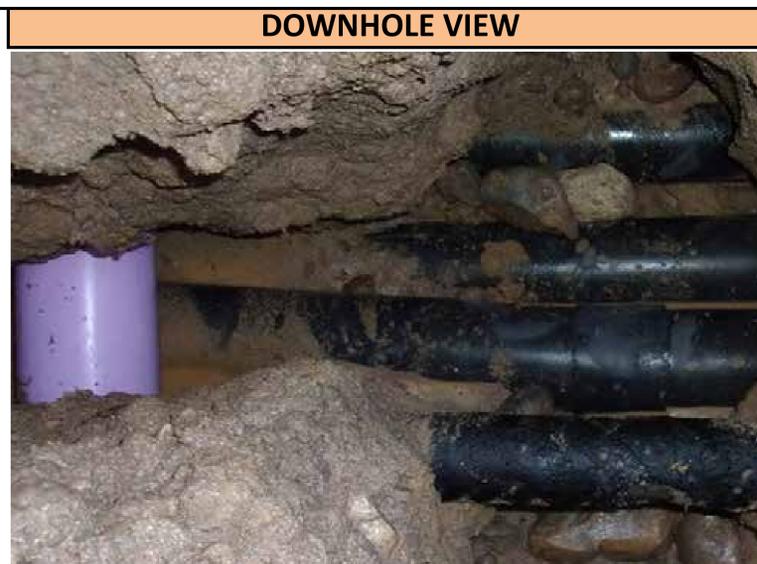
PAVEMENT THICKNESS: N/A ASPHALT: N/A CONCRETE: 6.0" BASE COURSE: N/A

TARGET UTILITY MARKED BY USA:	Yes	TRACER WIRE FOUND:	No
MARKOUT LOCATION CORRECT:	Yes	PIPE COVER MATERIAL:	Subgrade
UTILITY SHOWN ON PLAN:	Yes	OVERBURDEN MATERIAL:	Cobble/ Subgrade

COMMENTS:



Pothole 18 is located in the intersection of Gold Coast Drive and Westchester Ave. Please refer to Location Map 7 for the approximate location of Pothole 18. The photo above was taken in front of Pothole 18 facing west.



A downhole view of the utilities found in Pothole 18 and their orientation at the pothole location: a 2 inch steel gas utility at the depth of 31 inches T/P and runs in a W/E direction; a 4 inch PVC electric utility at the depth of 41.5 inches T/P and runs in a W/E direction; (2) 4 inch PVC electric utilities at the depth of 45 inches T/P and runs in a W/E direction; and 4 inch C900 reclaimed water utility at the depth of 35 inches T/P and runs in a N/S direction. Utilities were found directly on markout.

*** IF APPLICABLE**

PRIVATE CONTRACT

IMPROVEMENT PLAN FOR:	
SDGE - 300000328074	
GOLD COAST DR	
FROM: CAMINO RUIZ	TO: BROOKHURST LN
SHEET 14 OF 14 SHEETS	PRJ NO. _____
	PMT NO. _____

<p>IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.</p>	<p>The City of SAN DIEGO</p> <p>DEVELOPMENT SERVICES DEPARTMENT</p>	<p>C13</p>

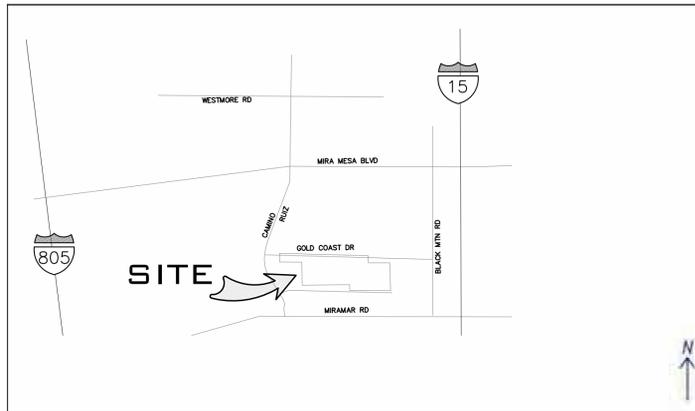
REV. 02/02/2022

GENERAL NOTES

- FOR INSPECTION PLEASE CALL (858) 627-3200 24 HOURS PRIOR TO STARTING ANY WORK.
- APPROVAL OF THESE PLANS BY THE CITY ENGINEER DOES NOT AUTHORIZE ANY WORK TO BE PERFORMED UNTIL A R.O.W. PERMIT HAS BEEN ISSUED.
- THIS CONSTRUCTION PLAN IS NOT VALID UNLESS A PERMIT IS ATTACHED.
- UPON ISSUANCE OF A R.O.W. PERMIT, NO WORK WILL BE PERMITTED ON WEEKENDS OR HOLIDAYS UNLESS APPROVED BY A TRAFFIC CONTROL PERMIT FROM THE DEVELOPMENT SERVICES DEPARTMENT.
- THE APPROVAL OF THIS PLAN OR ISSUANCE OF A PERMIT BY THE CITY OF SAN DIEGO DOES NOT AUTHORIZE THE PERMIT HOLDER OR OWNER TO VIOLATE ANY FEDERAL, STATE OR CITY LAWS, ORDINANCES, REGULATIONS, OR POLICIES.
- IMPORTANT NOTICE: SECTION 4216 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE (800) 422-4133, TWO DAYS BEFORE YOU DIG.
- CONTRACTOR SHALL BE RESPONSIBLE FOR POTHOLING AND LOCATING ALL EXISTING UTILITIES THAT CROSS THE PROPOSED TRENCH LINE WHILE MAINTAINING THE FOLLOWING CLEARANCES, UNLESS OTHERWISE SPECIFIED ON PLANS.
 WATER MAIN: MAINTAIN A 5 FEET MINIMUM HORIZONTAL SEPARATION
 SEWER MAIN: MAINTAIN A 10 FEET HORIZONTAL SEPARATION
 STORM DRAINS: MAINTAIN A 5 FEET MINIMUM HORIZONTAL SEPARATION
 MAINTAIN A 1 FOOT VERTICAL SEPARATION WHEN CROSSING MAINS AND STORM DRAINS
 ANY DEVIATION FROM CLEARANCE NOTES ABOVE SHALL HAVE PRIOR APPROVAL FROM THE CITY ENGINEER.
 ANY CITY UTILITIES CROSSING PROPOSED LINES SHALL NOT BE ENCASED IN SLURRY, IF ENCOUNTERED CITY UTILITY SHALL BE SLEEVED WITH A SPLIT DUCT.
- "PUBLIC IMPROVEMENTS SUBJECT TO DESUETUDE OR DAMAGE." IF REPAIR OR REPLACEMENT OF SUCH PUBLIC IMPROVEMENTS IS REQUIRED, CONTRACTOR SHALL OBTAIN THE REQUIRED PERMITS FOR WORK IN THE PUBLIC RIGHT-OF-WAY, SATISFACTORY TO THE PERMIT ISSUING AUTHORITY.
- DEVIATIONS FROM THESE SIGNED PLANS WILL NOT BE ALLOWED UNLESS A CONSTRUCTION CHANGE IS APPROVED BY THE CITY ENGINEER OR THE CHANGE IS AUTHORIZED BY THE RESIDENT ENGINEER AS A FIELD CHANGE.
- CONTRACTOR SHALL REPAIR OR REPLACE ALL TRAFFIC SIGNAL LOOPS, CONDUITS, AND LANE STRIPING DAMAGED DURING CONSTRUCTION, WITHIN 5 DAYS OF FINISHING WORK.
- PRIOR TO SITE DISTURBANCE, CONTRACTOR SHALL MAKE ARRANGEMENTS FOR A PRE-CONSTRUCTION MEETING WITH THE CITY OF SAN DIEGO, CONSTRUCTION MANAGEMENT AND FIELD ENGINEERING DIVISION (858) 627-3200.
- CONTRACTOR SHALL PERFORM ONLY SITE SURVEY AND UTILITY MARK OUT SERVICES PRIOR TO THE PRE-CONSTRUCTION MEETING.
- CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PROGRAM DURING THE PROJECT CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD.
- CONTRACTOR SHALL HAVE EMERGENCY MATERIAL AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER, SEWER, AND STORM DRAIN FACILITIES WHERE FLOW MAY GENERATE EROSION AND SEDIMENT POLLUTION.
- MANHOLES, VAULTS AND PULL BOX COVERS SHALL BE LABELED WITH THE "NAME OF COMPANY" AND HAVE A SLIP RESISTANT LID WITH A MINIMUM STATIC COEFFICIENT OF FRICTION OF 0.5.
- METHOD OF EXCAVATION: 3" DIAMETER BORING TO ACCOMMODATE 2" DIAMETER CONDUIT PIPE. NO TRENCHING SHALL BE CONDUCTED WITHIN TREE ROOT ZONES.
- TREE PROTECTION: A PRE-CONSTRUCTION MEETING SHALL BE REQUIRED PRIOR TO ANY GROUND DISTURBANCE OR COMMENCEMENT OF WORK TO ESTABLISH TREE PROTECTION MEASURES AND STRATEGIES FOR ROOT PRUNING WITHIN THE BORING AREA. NO ROOTS 6" OR GREATER IN DIAMETER SHALL BE CUT WITHOUT CONSULTING WITH THE CITY ARBORIST-HORTICULTURIST CONTACT: SERGIO ARIAS AT (619) 527-8036 SARIAS@SANDIEGO.CA.GOV
- PERMIT HOLDER/OWNER SHALL COMPLY WITH PART 2 OF THE CURRENT CITY OF SAN DIEGO STORM WATER STANDARD MANUAL AND SECTION 1000 AND 1001 OF THE CITY SUPPLEMENT TO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE WHITE BOOK).

SDG&E IMPROVEMENT PLAN FOR:

SDGE - 300000328074



VICINITY MAP

NOT TO SCALE

MONUMENT PRESERVATION CERTIFICATION

THE PERMITTEE SHALL BE RESPONSIBLE FOR THE COST OF REPLACING ALL SURVEY MONUMENTS DESTROYED BY CONSTRUCTION. IF A VERTICAL CONTROL MONUMENT IS TO BE DISTURBED OR DESTROYED, THE CITY OF SAN DIEGO FIELD SURVEY SECTION SHALL BE NOTIFIED IN WRITING AT LEAST 7 DAYS PRIOR TO DEMOLITION/CONSTRUCTION.

THE TYPE OF CONSTRUCTION WILL NOT AFFECT ANY SURVEY MONUMENTS (THIS LINE IS FOR PROJECTS THAT ARE PROPOSING NO DEMOLITION, TRENCHING, ASSOCIATED WITH A CIP, ETC)

NAME _____ DATE _____

PRIOR TO PERMIT ISSUANCE, THE PERMITTEE SHALL RETAIN THE SERVICE OF A PROFESSIONAL LAND SURVEYOR OR CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING WHO WILL BE RESPONSIBLE FOR MONUMENT PRESERVATION AND SHALL PROVIDE A CORNER RECORD OR RECORD OF SURVEY TO THE COUNTY SURVEYOR AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT, IF APPLICABLE. (SECTION 8771 OF THE BUSINESS AND PROFESSIONS CODE OF THE STATE OF CALIFORNIA)

I HAVE INSPECTED THE SITE AND DETERMINED THAT:

- NO SURVEY MONUMENTS WERE FOUND WITHIN THE LIMITS OF WORK
- SURVEY MONUMENTS EXISTING IN OR NEAR LIMITS OF WORK WILL BE PROTECTED IN PLACE
- SURVEY MONUMENTS HAVE BEEN TIED OUT AND A FINAL OR PARCEL MAP WILL BE FILED (NO CORNER RECORD OR RECORD OF SURVEY WILL BE REQUIRED)
- OTHER AGENCY SURVEY MONUMENT (CORNER RECORD OR RECORD OF SURVEY MAY NOT BE REQUIRED). AGENCY HAS BEEN NOTIFIED OF POSSIBLE MONUMENT DESTRUCTION AND A LETTER PROVIDED TO CITY
- A PRE-CONSTRUCTION CORNER RECORD (OR RECORD OF SURVEY) FOR SURVEY MONUMENTS FOUND WITHIN THE LIMITS OF WORK HAS BEEN FILED.

CORNER RECORD # _____ OR RECORD OF SURVEY # _____
 NAME P.L.S. / R.C.E. NO. XXXXX EXP. 03-31-23 DATE 7/22/2022



POST CONSTRUCTION CORNER RECORD (AS-BUILT ITEM)
 POST CONSTRUCTION CORNER RECORD FOR SURVEY MONUMENTS DESTROYED DURING CONSTRUCTION AND REPLACED AFTER CONSTRUCTION.

CORNER RECORD # _____ OR RECORD OF SURVEY # _____
 NAME _____ P.L.S. / R.C.E. NO. XXXXX EXP. XX-XX-XX DATE _____

OWNER/APPLICANT

NAME OF COMPANY: SDG&E
 ADDRESS: 735 33RD ST, SAN DIEGO, CA 92102
 PHONE: 619-818-7431

SITE ADDRESS

ADDRESS: 10291 SAN RAMON DR

STREET: GOLD COAST DR
 CROSS STREET: FROM: CAMINO RUIZ TO: BROOKHURST LN

SHEET INDEX

SHEET	DC	DESCRIPTION
1	G01	COVER SHEET ,GENERAL NOTES ,MONUMENT PRESERVATION CERT & STREET EXCAVATION TABLE
2	C01	SITE PLAN PAGE 1
3	C02	SITE PLAN PAGE 2
4	C03	SITE PLAN PAGE 3
5	C04	SITE PLAN PAGE 4
6	C05	SITE PLAN PAGE 5
7	C06	SITE PLAN PAGE 6
8	C07	SITE PLAN PAGE 7
9	C08	SITE PLAN PAGE 8
10	C09	SITE PLAN PAGE 9

DISCIPLINE CODE(DC)

GENERAL G
 CIVIL C
 LANDSCAPE L
 TRAFFIC T

WORK TO BE DONE

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.

STANDARD SPECIFICATIONS:	DESCRIPTION
DOCUMENT NO. PW1010119-01	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK), 2021 EDITION
PW1010119-02	CITY OF SAN DIEGO STANDARD SPECIFICATIONS FOR PUBLICWORKS CONSTRUCTION (WHITEBOOK), 2021 EDITION
PW1010119-04	CITYWIDE COMPUTER AIDED DESIGN AND DRAFTING (CADD) STANDARDS, 2018 EDITION
PW1060121-10	CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, REVISION 6(CA MUTCD REV6), 2014 EDITION
PW1092816-05	CALIFORNIA DEPARTMENT OF TRANSPORTATION U.S. CUSTOMARY STANDARD SPECIFICATIONS, 2018 EDITION
STANDARD DRAWINGS:	DESCRIPTION
DOCUMENT NO. PW1010119-03	CITY OF SAN DIEGO STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, 2021 EDITION
PW1092816-06	CALIFORNIA DEPARTMENT OF TRANSPORTATION U.S. CUSTOMARY STANDARD PLANS, 2015 EDITION

LEGEND

IMPROVEMENTS	STANDARD DRAWINGS
TRENCH RESURFACING FOR ASPHALT CONCRETE SURFACED ST	SDG-107
TRENCH RESURFACING FOR CONCRETE SURFACED ST	SDG-108
CONCRETE CURB, GUTTER, SIDEWALK AND PAVEMENT REMOVAL AND REPLACEMENT	SDG-156
CONCRETE JOINT DETAILS	G-10
SIDEWALK JOINT LOCATIONS	SDG-109
SIDEWALK - TYPICAL SECTIONS	SDG-155
CURB AND GUTTER - COMBINED	SDG-151
CURB RAMP NOTES	SDG-131
CURB RAMP - TYPE A AND B	SDG-133
CONCRETE ALLEY PAVEMENT SECTION GENERAL	SDG-121
CONCRETE PAVEMENT WIDTH 40' OR LESS	G-18
CROSS GUTTER	SDG-157
RESIDENTIAL CONCRETE DRIVEWAY	SDG-161
UNDERGROUND TYPICAL LOCATION	M-21, SDM-109
TRENCH BACKFILL FOR DRY UTILITY	SDG-119
SIDEWALK JOINT TRENCH LOCATIONS (MIN REQ DEPTH ONLY)	SDM-103
WARNING / IDENTIFICATION TAPE INSTALLATION YELLOW MARKERS & TRACER WIRES PER UG 3377.1)	SDM-105

CONSTRUCTION STORM WATER PROTECTION NOTES

- TOTAL SITE DISTURBANCE AREA (ACRES) 00994
 HYDROLOGIC UNIT & WATERSHED: PENASQUITOS & LOS PENASQUITOS
 HYDROLOGIC SUBAREA NAME & NO.: MIRAMAR RESERVOIR & 906.10
- THE PROJECT SHALL COMPLY WITH THE REQUIREMENTS OF THE NPCC
 THE PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT NUMBER R9-2013-0001 AND SUBSEQUENT AMENDMENTS.
 SWPPP
 THE PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT NUMBER R9-2013-0001 AND CONSTRUCTION GENERAL PERMIT ORDER NUMBER 2009-009-DWQ AS AMENDED BY ORDER 2010-0014 DWQ AND 2012-0006-DWQ
 TRADITIONAL: RISK LEVEL 1 2 3
 LUP RISK LEVEL 1 2 3
 WDD NO: _____
- CONSTRUCTION SITE PRIORITY
 ASBS HIGH MEDIUM LOW

STREET SEGMENT	STREET NAME	STREET CLASSIFICATION (ARTERIAL, MAJOR, COLLECTOR, RESIDENTIAL)	UTILITY TYPE (WET OR DRY)	LATERAL OR MAIN	LAST STREET OVERLAY DATE	INFLUENCE AREA WIDTH (FT) PER SDMC 62.1208-10	TRENCH WIDTH (FT)	TRENCH LENGTH (FT)	STREET MORATORIUM (Y/N)
SS-024149	SAN RAMON DR	RESIDENTIAL	DRY	MAIN	7/9/1998	3.83	2	118	N
SS-024149	SAN RAMON DR	RESIDENTIAL	DRY	LATERAL	7/9/1998	3.83	2	53	N
SS-028624	WESTONHILL DR	COLLECTOR	DRY	MAIN	8/30/1988	3.58	2	25	N
SS-012327	GOLD COAST WY	RESIDENTIAL	DRY	MAIN	6/1/1973	3.83	2	10	N
SS-012299	GOLD COAST DR	ARTERIAL	DRY	MAIN	8/26/1988	4.25	2	13	N
SS-012300	GOLD COAST DR	ARTERIAL	DRY	MAIN	8/26/1988	4.25	2	20	N
SS-012319	GOLD COAST DR	ARTERIAL	DRY	LATERAL	8/26/1988	4.25	2	40	N

SDG&E UNDERGROUND ELECTRIC DESIGN SYMBOLS

NEW INSTALLATION	EXISTING	DESCRIPTION
		3309, 3312, 3313 & 3314 HANDHOLE
		3316 HANDHOLE
		3 PHASE 600A/200A TERMINATOR 3582
		FUSE CABINET
		CAPACITOR STATION
		SF6 GAS SWITCH
		PME3 SWITCH
		PME3 SWITCH (SCADA)
		PME5 SWITCH
		PME5 SWITCH (SCADA)
		PME9 SWITCH
		PME9 SWITCH (SCADA)
		PME10 SWITCH
		PME10 SWITCH (SCADA)
		PME11 SWITCH

*** IF APPLICABLE**

PRIVATE CONTRACT

TITLE SHEET FOR:
 SDGE - 300000328074
 GOLD COAST DR
 FROM: CAMINO RUIZ TO: BROOKHURST LN

SHEET 1 OF 14 SHEETS

PRJ NO. _____

PMT NO. _____

CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	CC NO.

0 1/2 1

 IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

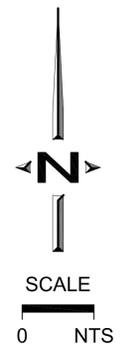
The City of **SAN DIEGO**
 DEVELOPMENT SERVICES DEPARTMENT

G01



 San Diego Gas & Electric Design & Project Management <small>A Sempra Energy utility</small>	PROJECT NOTIFICATION # 300000328099
	JOB NOTIFICATION # 300000328076
PROJECT MGR/PLANNER NAME & PHONE: DENNIS GERSCHOFFER (858) 987-2940	DATE: 7-15-2022
DESIGNED BY: JOHNNY DESCARGAR	SHEET REL-01
REVIEWED BY: HENRY ARMSTRONG	FCO #
	SHT 1 OF 9

STREET RELOCATION GROUP 1801 GOLD COAST DR-REL140



OFFSITE LOCATION-PROPOSED STORM INLETS

ELECTRIC- PROTECT IN PLACE PARKDALE AVENUE- JOB NOTIFICATION: 300000478009

- 34 PARKDALE AVE. & PORT ROYAL DR.
NO. 3, NORTHING-1987677.20, EASTING- 6379329.13, 18' INLET TYPE B-2
- 35 PARKDALE AVE. & PORT ROYAL DR.
NO. 4, NORTHING-1987678.27, EASTING- 6379430, 18' INLET TYPE B-2
- 36 PARKDALE AVE. & FLANDERS DR.
NO. 6, NORTHING-1987223.06, EASTING- 6379661.59, 10' INLET TYPE B-1

SPECIAL ATTENTION: STAND-BY LINEMAN TO PROTECT SDGE PRIMARY CONDUITS DURING STORM DRAIN INLET REPLACEMENT/INSTALLATION PLEASE REFER TO SHEET 41-INLET LOCATIONS STREET RECONSTRUCTION GROUP 1801 PLANS

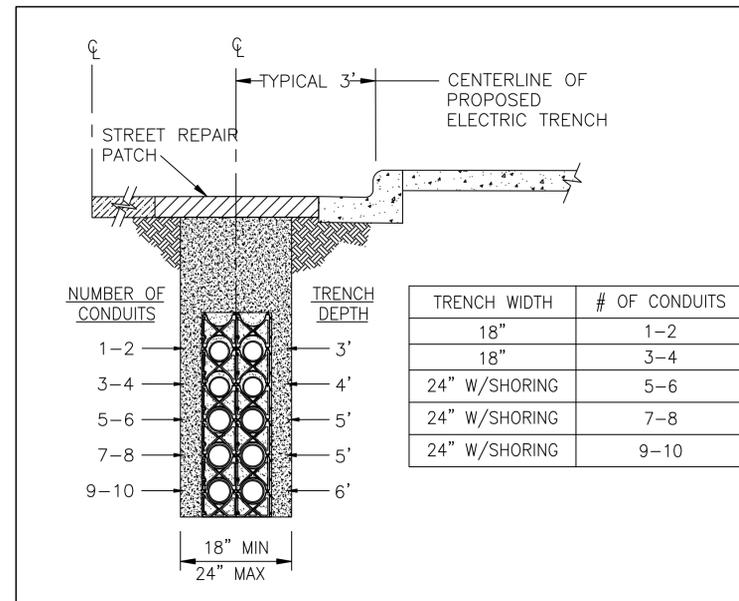
LINETYPE LEGEND

—————	NEW ELECTRIC/FACILITIES
- - - - -	EX. ELECTRIC/FACILITIES
ET — ET — ET — ET —	EX. ELECTRIC TRANSMISSION
—————	CONVERSION BOUNDARY
— UGT — UGT — UGT —	EX. UG CABLE TV
— FD — FD — FD —	EX. UG SDGE FIBER OPTIC
— G — G — G —	EX. GAS
— FUEL — FUEL — FUEL —	EX. FUEL LINE
— S — S — S —	EX. SEWER
— W — W — W —	EX. WATER
— RH20 — RH20 — RH20 —	EX. RECLAIMED WATER
— SD — SD — SD —	EX. STORM DRAIN
— X — X — X —	RIGHT OF WAY/PROP. LINE
	EX. FENCE
	TRAIN/TROLLEY TRACKS

NOTES

- MAINTAIN A MINIMUM OF 5' SEPARATION WHEN PARALLELING WET UTILITIES AND 6" WHEN CROSSING.
- CLOUDED AREAS IDENTIFY POINT OF INTERCEPT/RE-ROUTE OF EXISTING UNDERGROUND FACILITIES. ALL EXISTING ENERGIZED CONDUIT TO BE IDENTIFIED AND ALIGNED WITH NEW CONDUIT STUB FOR FUTURE INTERCEPTS ON CABLE JOB W.O. _____.
- ALL COMMERCIAL INTERCEPT LOCATIONS TO BE WORKED ON DOUBLE TIME.
- FINAL STREET REPAIR OF ALL INTERCEPTS RESPONSIBILITY OF CABLE CREW.
- CAUTION: ELECTRIC STAND BY LINEMAN REQUIRED FOR ALL WORK AROUND ENERGIZED FACILITIES.
- ALL CROSSED OFF LOCATION BOXES ON THIS JOB HAVE BEEN OMITTED.
- ALL SERVICE CONDUITS FOR COMMUNICATION COMPANIES TO BE INSTALLED ON THIS JOB AS REQUIRED PER JOINT TRENCH AGREEMENT.
- ALL NEW UG SERVICE CABLE IS ON THE CONVERSION SERVICE WORKSHEET AND WILL BE INSTALLED AT A FUTURE DATE.
- REMOVE ALL OH ELECTRIC DISTRIBUTION WIRE WITHIN CONVERSION BOUNDARY UNLESS OTHERWISE NOTED.
- ALL PRIVATE PROPERTY PANEL WORK, SERVICE TRENCHING AND CONDUIT INSTALLATION ARE THE RESPONSIBILITY OF THE CITY OF SAN DIEGO. ALL QUESTIONS RELATED TO PRIVATE PROPERTY WORK SHOULD BE DIRECTED TO THE CITY OF SAN DIEGO, (619) 533-3841. UNDERGROUNDING@SANDIEGO.GOV
- 3309 SECONDARY HANDHOLES ARE NOT TO BE INSTALLED IN ANY DRIVEN WAY PER UG STANDARDS PG 3309.2, AND IF POSSIBLE SHOULD BE INSTALLED A 5' MINIMUM FROM A DRIVEN WAY
- T-TRENCH CONSTRUCTION PER REGIONAL STANDARDS WHEN REQUIRED BY MUNICIPALITY.
- TRENCH TO BACK OF SIDEWALK FOR ALL SERVICE TRENCHES, UNLESS LANDSCAPING IS EASILY REPAIRABLE (LEVEL DIRT OF GRASS), THEN TRENCH TO PROPERTY LINE. SERVICE STUBS ARE TO BE SLURRY ENCASED, EXCEPT THE FINAL APPROXIMATE ONE FOOT OF CONDUIT AT THE CONDUIT PLUG/STUB MARKER, WHICH WILL BE DIRECT BURIED IN PREPARATION FOR THE SERVICE TRENCH EXTENSION.
- ALL QUESTIONS RELATED TO SERVICE TRENCH SHOULD BE DIRECTED TO THE APPROPRIATE LIAISON PLANNER.

NAME: DENNIS O. GERSCHOFFER PHONE: 858-987-2940



SDG&E STANDARD TRENCH DETAIL

NOT TO SCALE



Call 811: Two Working Days Before You Dig!



IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.



DEVELOPMENT SERVICES DEPARTMENT

* IF APPLICABLE

PRIVATE CONTRACT

IMPROVEMENT PLAN FOR:

SDGE - 300000328074
GOLD COAST DR
FROM: CAMINO RUIZ TO: BROOKHURST LN

SHEET 2 OF 14 SHEETS

PRJ NO. _____

PMT NO. _____

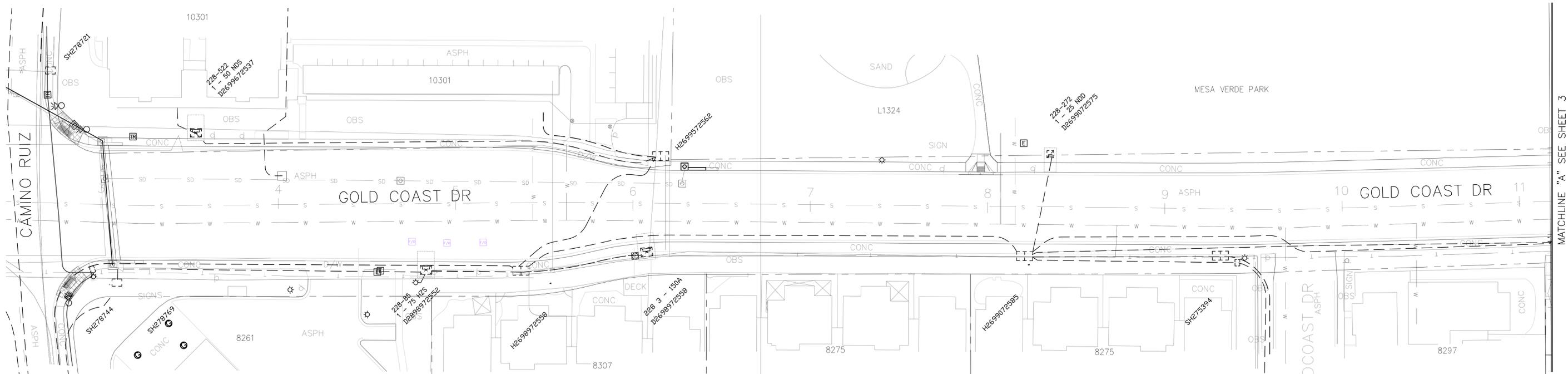
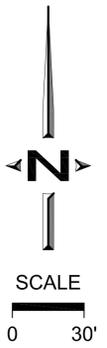
C01

REV 02/02/2022

San Diego Gas & Electric Design & Project Management	PROJECT NOTIFICATION #	300000328099
	JOB NOTIFICATION #	300000328076
PROJECT MGR/PLANNER NAME & PHONE: DENNIS GERSCHOFFER (858) 987-2940	DATE: 7-15-2022	SHEET
DESIGNED BY: JOHNNY DESCARGAR	REL-02	#
REVIEWED BY: HENRY ARMSTRONG	SHT 2 OF 9	

STREET RECONSTRUCTION GROUP

1801 GOLD COAST DR. REL-140

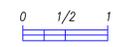


REV. 02/02/2022

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DEVELOPMENT SERVICES DEPARTMENT

*** IF APPLICABLE**

PRIVATE CONTRACT

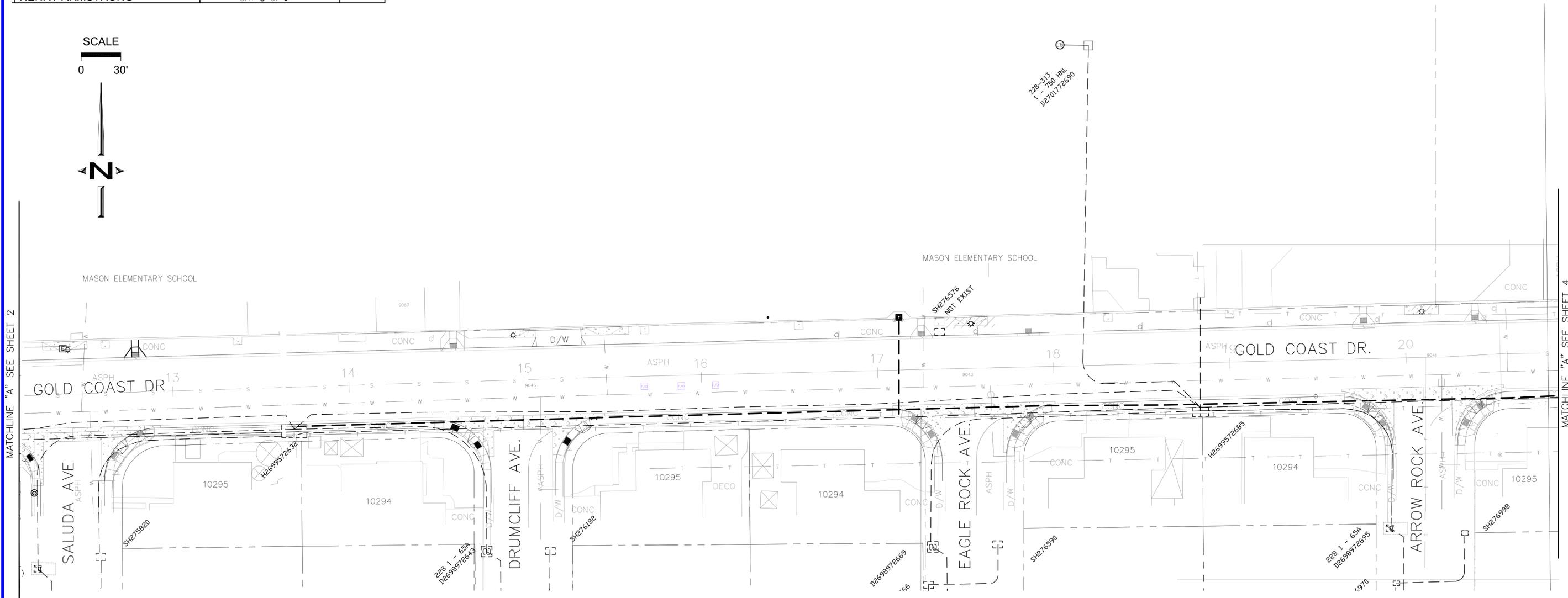
IMPROVEMENT PLAN FOR:	
SDGE - 300000328074	
GOLD COAST DR	
FROM: CAMINO RUIZ	TO: BROOKHURST LN
SHEET 3 OF 14 SHEETS	PRJ NO. _____
	PMT NO. _____
	C02

SDGE San Diego Gas & Electric Design & Project Management <small>A Semptra Energy Utility</small>	PROJECT NOTIFICATION #	300000328099
	JOB NOTIFICATION #	300000328076
PROJECT MGR/PLANNER NAME & PHONE: DENNIS GERSCHOFFER (858) 987-2940	DATE:	7-15-2022
DESIGNED BY: JOHNNY DESCARGAR	SHEET	REL-03
REVIEWED BY: HENRY ARMSTRONG	FCO	#
	SHT 3 OF 9	

STREET RECONSTRUCTION GROUP

1801 GOLD COAST DR. REL-140

SCALE



MATCHLINE "A" SEE SHEET 2

MATCHLINE "A" SEE SHEET 4

*** IF APPLICABLE**

PRIVATE CONTRACT

IMPROVEMENT PLAN FOR:	
SDGE - 300000328076	
GOLD COAST DR	
FROM: CAMINO RUIZ	TO: THANKSGIVING LN

SHEET 4 OF 10 SHEETS	PRJ NO. _____
	PMT NO. _____

C03



Call 811: Two Working Days Before You Dig!

0 1/2 1

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The City of
SAN DIEGO
 DEVELOPMENT SERVICES DEPARTMENT

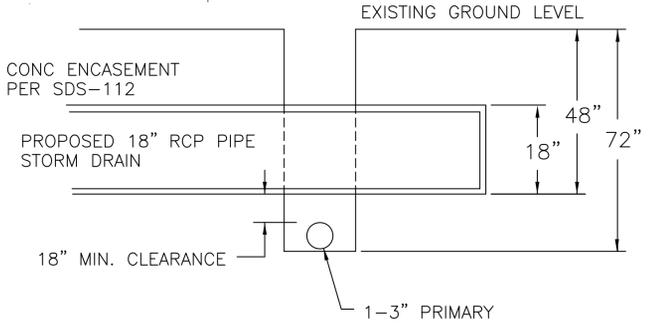
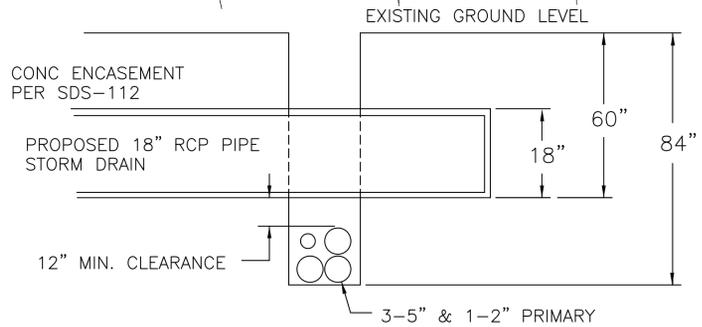
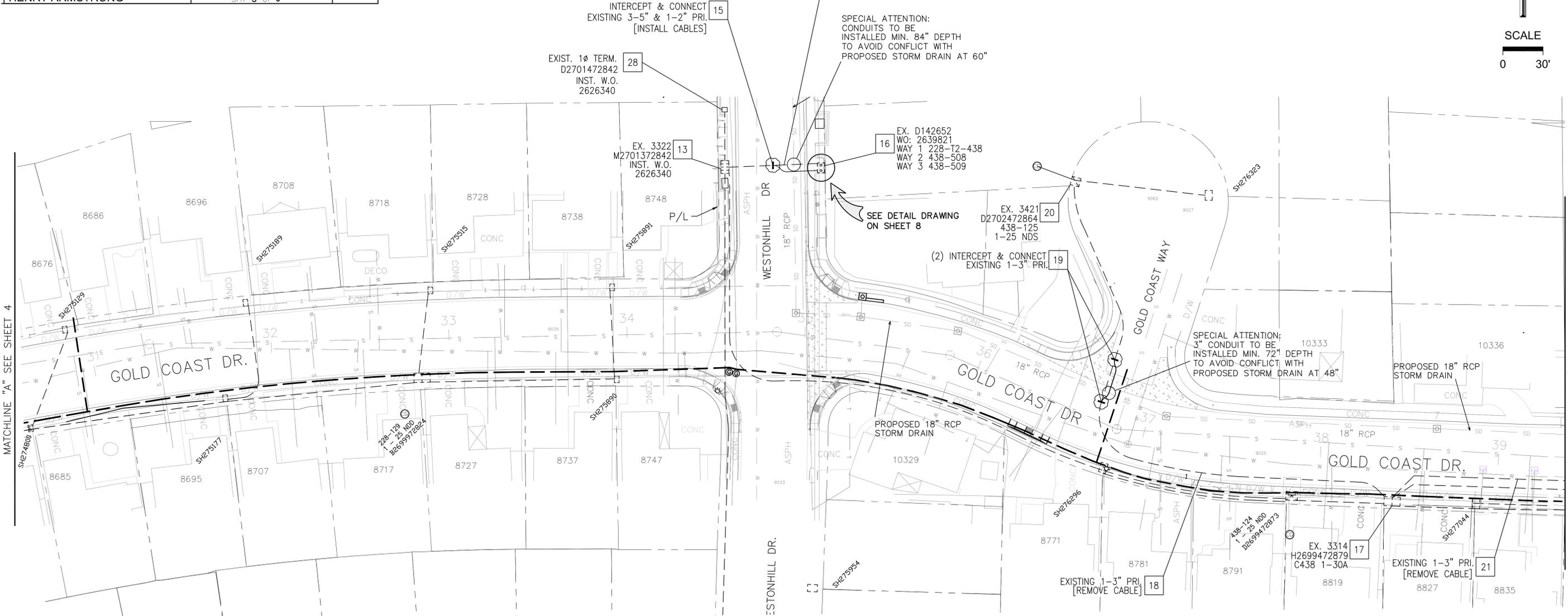
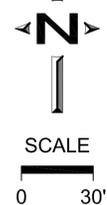
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REV. 02/02/2022

SDGE San Diego Gas & Electric Design & Project Management <small>A Semptra Energy utility</small>	PROJECT NOTIFICATION #	300000328099
	JOB NOTIFICATION #	30000008076
PROJECT MGR/PLANNER NAME & PHONE: DENNIS GERSCHOFFER (858) 987-2940	DATE:	7-15-2022
DESIGNED BY: JOHNNY DESCARGAR	SHEET	REL-05
REVIEWED BY: HENRY ARMSTRONG	FCO	#
	SHT	5 OF 9

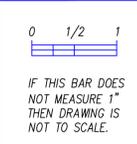
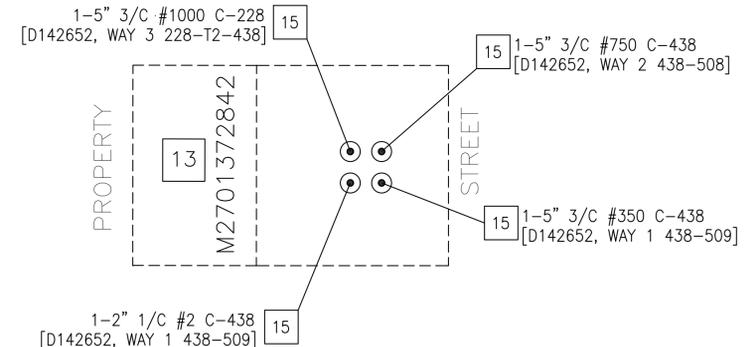
STREET RECONSTRUCTION GROUP

1801 GOLD COAST DR. REL-140



15 CROSS SECTION 1 OF 2
 NO SCALE
 WESTONHILL DRIVE
 [NORTH OF GOLD COAST DRIVE]
 [SEE CROSS SECTION 2 OF 2 ON SHEET 9]

19 CROSS SECTION 1 OF 2
 NO SCALE
 GOLD COAST WAY
 [NORTH OF GOLD COAST DR.]
 [SEE CROSS SECTION 2 OF 2 ON SHEET 9]



The City of
SAN DIEGO
 DEVELOPMENT SERVICES DEPARTMENT

*** IF APPLICABLE**
 PRIVATE CONTRACT

IMPROVEMENT PLAN FOR:
 SDGE - 300000328076
 GOLD COAST DR

FROM: CAMINO RUIZ TO: THANKSGIVING LN

SHEET 6 OF 10 SHEETS

PRJ NO. _____
 PMT NO. _____

C05

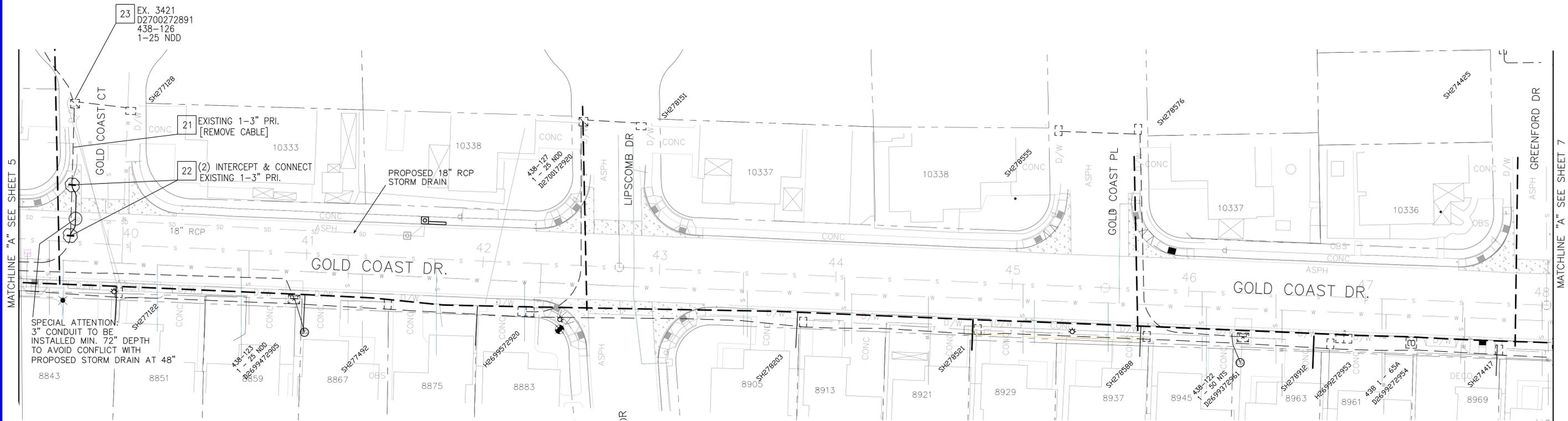
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REV. 02/02/2022

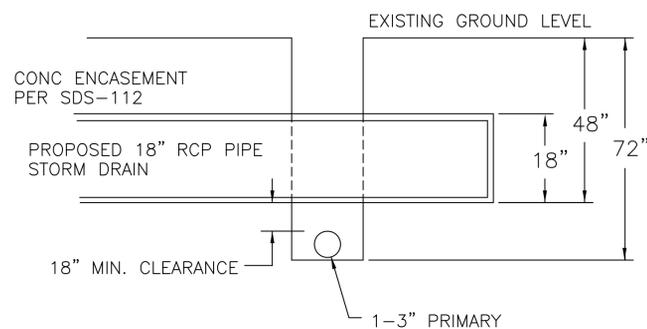
SDGE San Diego Gas & Electric Design & Project Management <small>A Sempra Energy Utility</small>	PROJECT NOTIFICATION # 300000328099
	JOB NOTIFICATION # 300000328076
PROJECT MGR/PLANNER NAME & PHONE: DENNIS GERSCHOFFER (858) 987-2940	DATE: 7-15-2022
DESIGNED BY: JOHNNY DESCARGAR	SHEET # REL-06
REVIEWED BY: HENRY ARMSTRONG	FCO # #
	SHT 6 OF 9

STREET RECONSTRUCTION GROUP

1801 GOLD COAST DR. REL-140

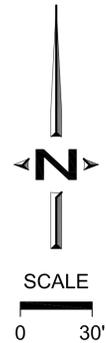


SPECIAL ATTENTION:
3" CONDUIT TO BE
INSTALLED MIN. 72" DEPTH
TO AVOID CONFLICT WITH
PROPOSED STORM DRAIN AT 48"



22 CROSS SECTION 1 OF 2

NO SCALE
GOLD COAST COURT.
[NORTH OF GOLD COAST DR.]
[SEE CROSS SECTION 2 OF 2 ON SHEET 9]



*** IF APPLICABLE**

PRIVATE CONTRACT	
IMPROVEMENT PLAN FOR: SDGE - 300000328076 GOLD COAST DR	
FROM: CAMINO RUIZ	TO: THANKSGIVING LN
SHEET 7 OF 10 SHEETS	PRJ NO. _____ PMT NO. _____
	C06



Call 811: Two Working
Days Before You Dig!



IF THIS BAR DOES
NOT MEASURE 1"
THEN DRAWING IS
NOT TO SCALE.



DEVELOPMENT SERVICES DEPARTMENT

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REV. 02/02/2022

SDGE San Diego Gas & Electric
Design & Project Management

PROJECT MGR/PLANNER NAME & PHONE:
DENNIS GERSCHOFFER
(858) 987-2940

DESIGNED BY:
JOHNNY DESCARGAR

REVIEWED BY:
HENRY ARMSTRONG

PROJECT NOTIFICATION #
300000328099

JOB NOTIFICATION #
300000328076

DATE: 7-15-2022

SHEET #
REL-07

FCO #
#

SHT 7 OF 9

STREET RECONSTRUCTION GROUP

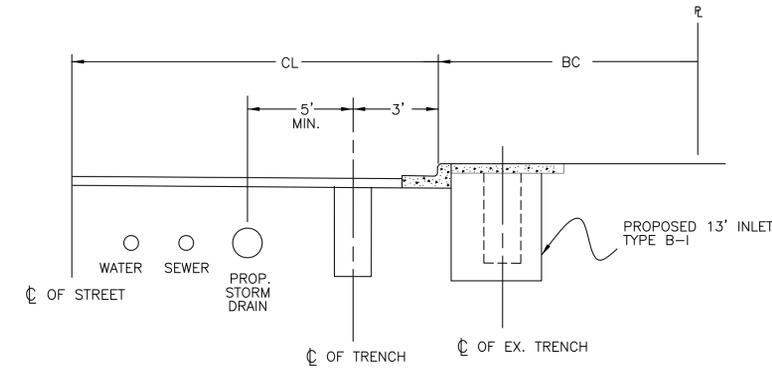
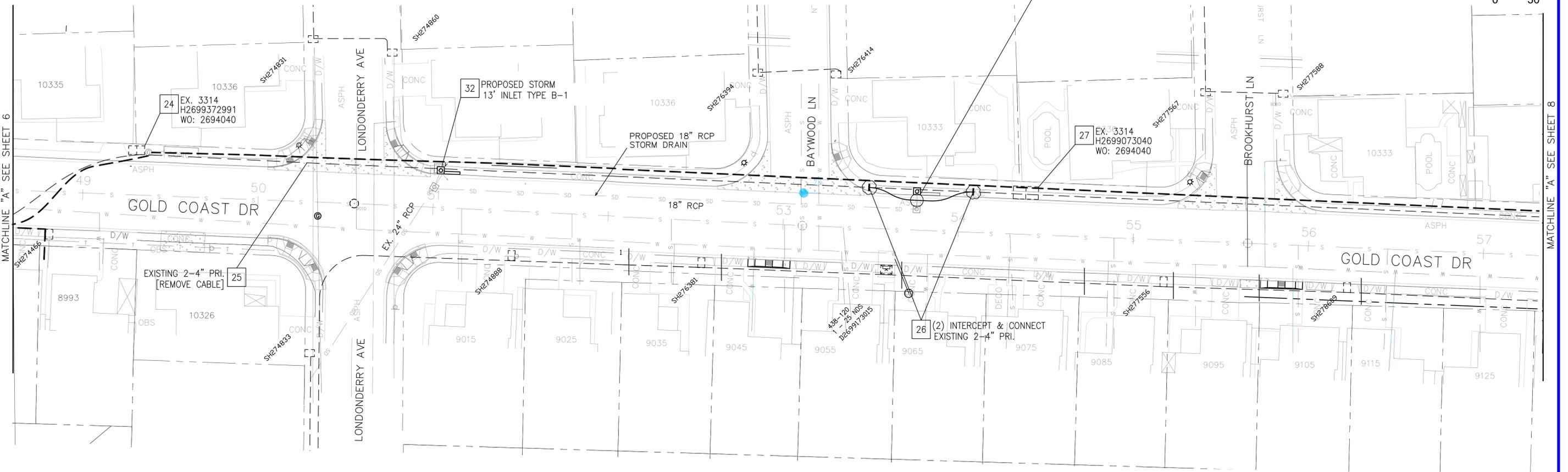
1801 GOLD COAST DR. REL-140



SCALE
0 30'

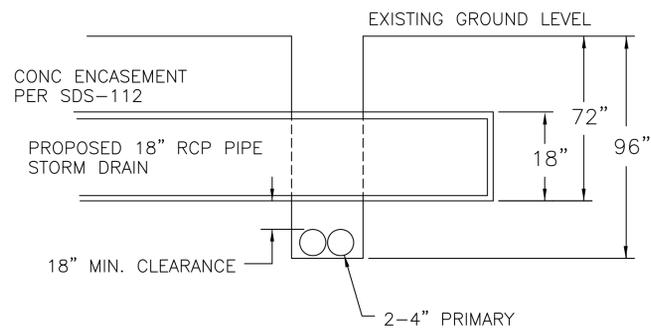
SPECIAL ATTENTION:
PROPOSED STORM 13' INLET TYPE B-1
GAS & ELECTRIC
PROTECT IN PLACE

SPECIAL ATTENTION:
CONDUITS TO BE
INSTALLED MIN. 96" DEPTH
TO AVOID CONFLICT WITH
PROPOSED STORM DRAIN AT 72"



TYPICAL STREET SECTION

NO SCALE GOLD COAST DRIVE STA. 53+75
[EAST OF BAYWOOD LANE, FACING WEST]



CROSS SECTION 1 OF 2

NO SCALE GOLD COAST DRIVE STA. 53+75
[EAST OF BAYWOOD LANE]
[SEE CROSS SECTION 2 OF 2 ON SHEET 9]



Call 811: Two Working
Days Before You Dig!

*** IF APPLICABLE**

PRIVATE CONTRACT

IMPROVEMENT PLAN FOR:
SDGE - 300000328076
GOLD COAST DR
FROM: CAMINO RUIZ TO: THANKSGIVING LN

SHEET 8 OF 10 SHEETS

PRJ NO. _____

PMT NO. _____

C07

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IF THIS BAR DOES
NOT MEASURE 1"
THEN DRAWING IS
NOT TO SCALE.



DEVELOPMENT SERVICES DEPARTMENT

REV. 02/02/2022

SDGE San Diego Gas & Electric
Design & Project Management

PROJECT MGR/PLANNER NAME & PHONE:
DENNIS GERSCHOFFER
(858) 987-2940

DESIGNED BY:
JOHNNY DESCARGAR

REVIEWED BY:
HENRY ARMSTRONG

PROJECT NOTIFICATION #
300000328099

JOB NOTIFICATION #
300000328076

DATE: 7-15-2022

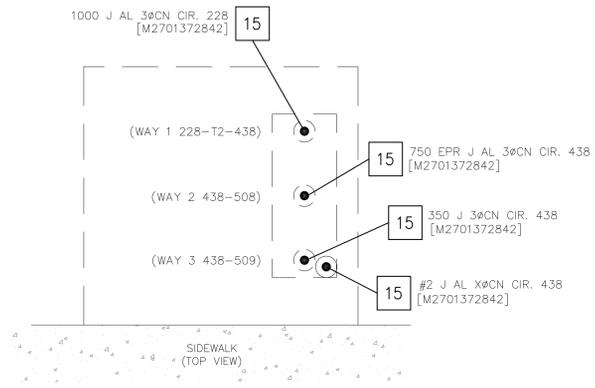
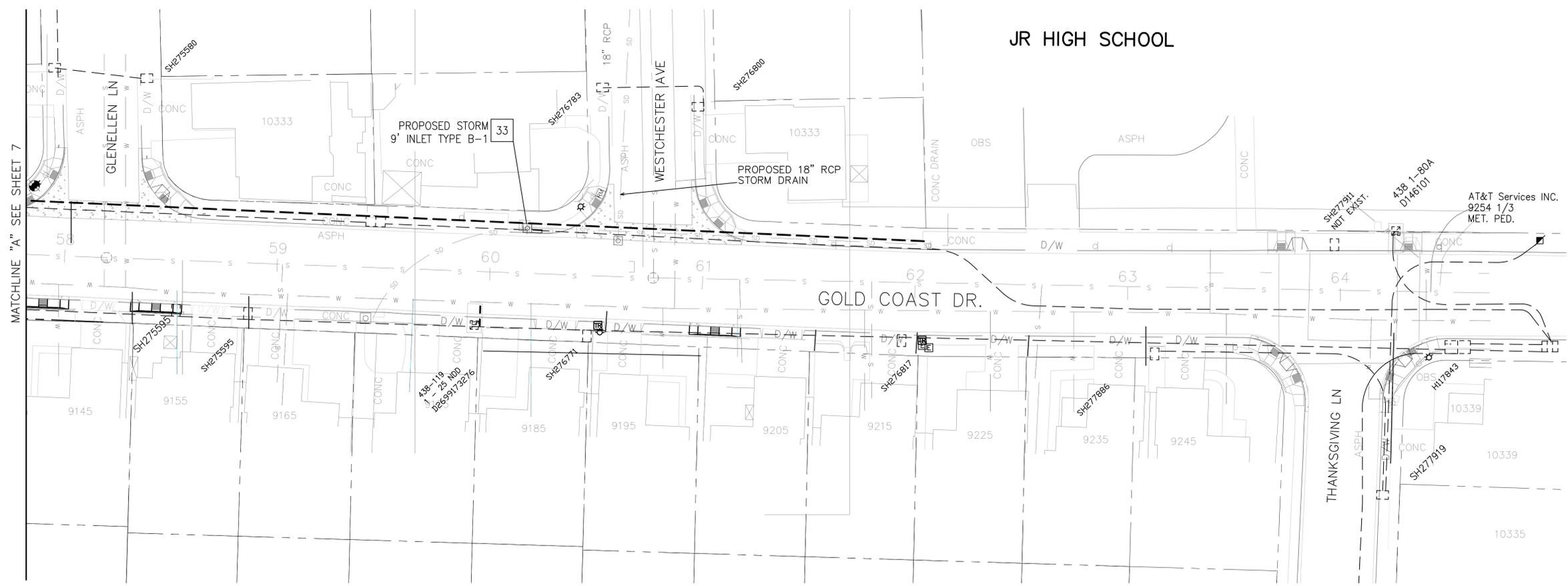
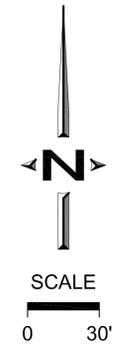
SHEET
REL-08

FCO
#

SHT 8 OF 9

STREET CONSTRUCTION GROUP

1801 GOLD COAST DR. REL-140



BOX & CONDUIT PLACEMENT
VISTA 3 WAY NO SCALE

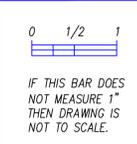
16 WAY 1 228-T2-438
WAY 2 438-508
WAY 3 438-509
D142652
[SEE SHEET 5]

*** IF APPLICABLE**

PRIVATE CONTRACT	
IMPROVEMENT PLAN FOR: SDGE - 300000328076 GOLD COAST DR	
FROM: CAMINO RUIZ	TO: THANKSGIVING LN
SHEET 9 OF 10 SHEETS	PRJ NO. _____ PMT NO. _____
C08	



Call 811: Two Working Days Before You Dig!



The City of
SAN DIEGO
DEVELOPMENT SERVICES DEPARTMENT

REV. 02/02/2022

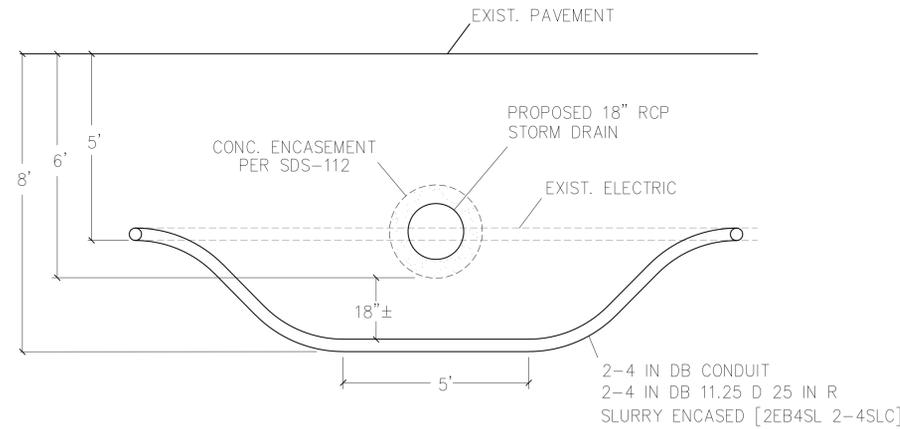
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San Diego Gas & Electric Design & Project Management A Semptra Energy utility	PROJECT NOTIFICATION # 30000328099
	JOB NOTIFICATION # 30000328076
PROJECT MGR/PLANNER NAME & PHONE: DENNIS GERSCHOFFER (858) 987-2940	DATE: 7-15-2022
DESIGNED BY: JOHNNY DESCARGAR	SHEET REL-09
REVIEWED BY: HENRY ARMSTRONG	FCO #
	SHT 9 OF 9

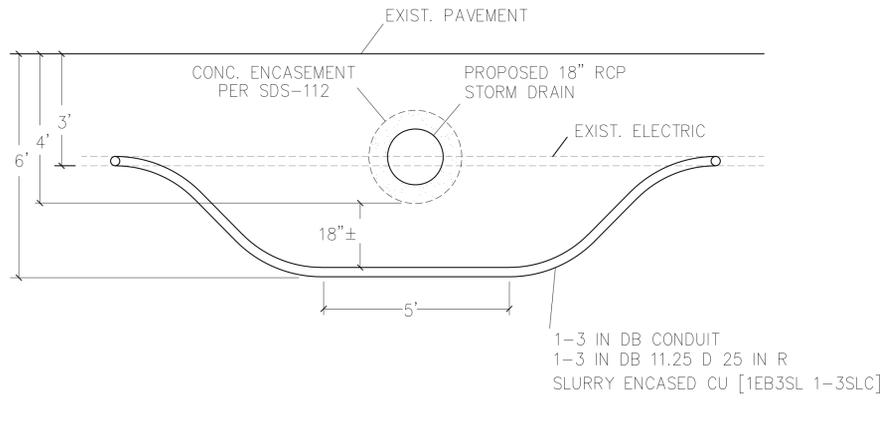
STREET CONSTRUCTION GROUP

1801 GOLD COAST DR. REL-140

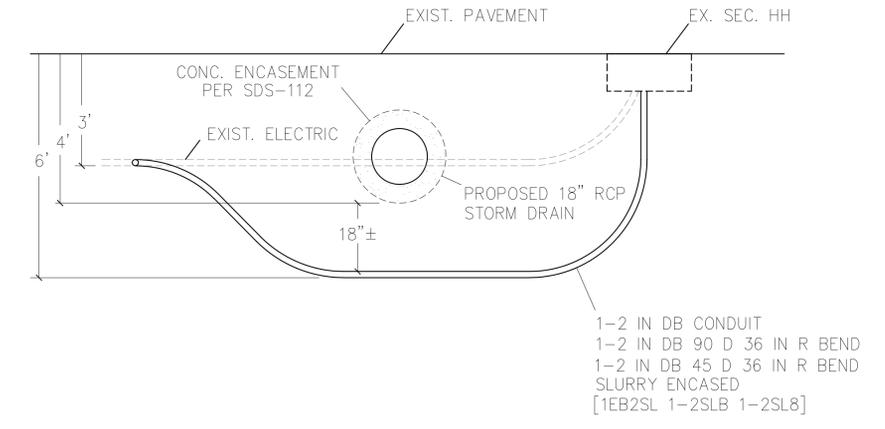
CROSS SECTION 2 OF 2



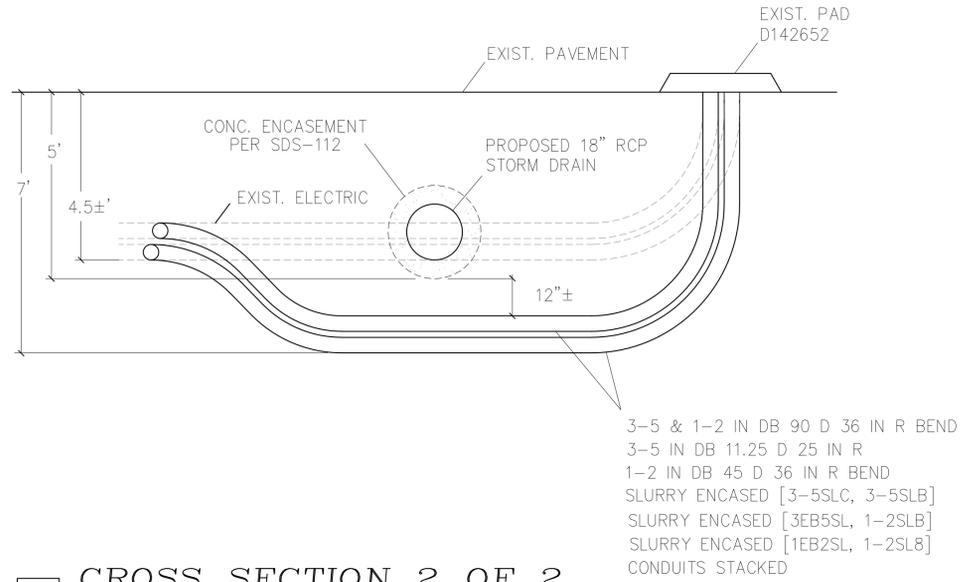
26 CROSS SECTION 2 OF 2
NO SCALE BAYWOOD LANE
SEE SHEET 7



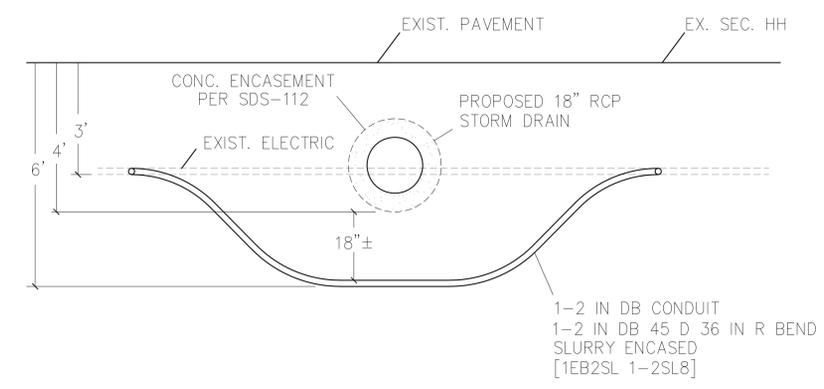
19 22 CROSS SECTION 2 OF 2
NO SCALE GOLD COAST WAY- SEE SHEET 5
GOLD COAST COURT- SEE SHEET 6



3 7 11 CROSS SECTION 2 OF 2
NO SCALE SAN RAMON DRIVE
SEE SHEET 4



15 CROSS SECTION 2 OF 2
NO SCALE WESTONHILL DRIVE- PART ONE
SEE SHEET 5



31 CROSS SECTION 2 OF 2
NO SCALE SAN RAMON DRIVE
SEE SHEET 4

*** IF APPLICABLE**

PRIVATE CONTRACT	
IMPROVEMENT PLAN FOR:	
SDGE - 30000328076	
GOLD COAST DR	
FROM: CAMINO RUIZ	TO: THANKSGIVING LN
SHEET 10 OF 10 SHEETS	PRJ NO. _____
	PMT NO. _____

0 1/2 1

 IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

The City of
SAN DIEGO
 DEVELOPMENT SERVICES DEPARTMENT

C09

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REV. 02/02/2022

STREET RECONSTRUCTION GROUP 1801

SHEET INDEX

SHEET NO.	DISCIPLINE CODE	TITLE	LIMITS
1	G-1	COVER SHEET	
2	D-1	DEMOLITION SHEET	GOLD COAST DR. FROM CAMINO RUIZ TO SALUDA AVE
3	D-2	DEMOLITION SHEET	GOLD COAST DR. FROM SALUDA AVE TO SAN RAMON DR.
4	D-3	DEMOLITION SHEET	GOLD COAST DR. FROM SAN RAMON DR. TO GOLD COAST CT.
5	D-4	DEMOLITION SHEET	GOLD COAST DR. FROM GOLD COAST CT. TO LONDONDERRY AVE.
6	D-5	DEMOLITION SHEET	GOLD COAST DR. FROM BAYWOOD LN TO THANKSGIVING LN.
7	D-6	DEMOLITION SHEET	PARKDALE AVE. FROM NORHTRUP DR. TO BAGWELL COVE
8	D-7	DEMOLITION SHEET	PARKDALE AVE. FROM PORT ROYAL DR. TO FLANDER DR.
9	D-8	DEMOLITION SHEET	PARKDALE FROM CALICO ST. TO MIRA MESA BLVD.
10	C-1	CURB RAMP LOCATION	GOLD COAST DR. FROM CAMINO RUIZ TO SALUDA AVE
11	C-2	CURB RAMP LOCATION	GOLD COAST DR. FROM SALUDA AVE TO SAN RAMON DR.
12	C-3	CURB RAMP LOCATION	GOLD COAST DR. FROM SAN RAMON DR. TO GOLD COAST CT.
13	C-4	CURB RAMP LOCATION	GOLD COAST DR. FROM GOLD COAST CT. TO LONDONDERRY AVE.
14	C-5	CURB RAMP LOCATION	GOLD COAST DR. FROM BAYWOOD LN TO THANKSGIVING LN.
15	C-6	CURB RAMP LOCATION	PARKDALE AVE. FROM NORHTRUP DR. TO BAGWELL COVE
16	C-7	CURB RAMP LOCATION	PARKDALE AVE. FROM PORT ROYAL DR. TO FLANDER DR.
17	C-8	CURB RAMP LOCATION	PARKDALE FROM CALICO ST. TO MIRA MESA BLVD.
18	C-9	STORM DRAIN PLAN	GOLD COAST DR. FROM CAMINO RUIZ TO 350'
19	C-10	STORM DRAIN PLAN	SAN RAMON DR. FROM COVINA ST. TO 400'
20	C-11	STORM DRAIN PLAN	GOLD COAST DR. AND WESTONHILL DR.
21	C-12	STORM DRAIN PLAN	GOLD COAST DR. FROM WESTONHILL DR. TO 850'
22	C-13	STORM DRAIN PLAN	GOLD COAST DR. FROM LONDONDERRY AVE. TO 300'
23	C-14	STORM DRAIN PLAN	WESTCHESTER AVE. FROM GOLD COAST DR. TO WOODLAWN DR.
24	C-15	STORM DRAIN PLAN	PARKDALE AVE. FROM PORT ROYAL DR. TO JADE COAST RD.
25	C-16	INLET LOCATIONS	PARKDALE, CALICO ST, FLANDERS DR AND PORT ROYAL DR
26	C-17	STORM DRAIN PLAN	SAN RAMON DR. AND COVINA ST.
27	C-18	STORM DRAIN PLAN	WATER MAIN RELOCATION
28	C-19	STREET RESURFACING	GOLD COAST DR. FROM CAMINO RUIZ TO SALUDA AVE
29	C-20	STREET RESURFACING	GOLD COAST DR. FROM SALUDA AVE TO SAN RAMON DR.
30	C-21	STREET RESURFACING	GOLD COAST DR. FROM SAN RAMON DR. TO GOLD COAST CT.
31	C-22	STREET RESURFACING	GOLD COAST DR. FROM GOLD COAST CT. TO LONDONDERRY AVE.
32	C-23	STREET RESURFACING	GOLD COAST DR. FROM BAYWOOD LN TO THANKSGIVING LN.
33	C-24	STREET RESURFACING	PARKDALE AVE. FROM NORHTRUP DR. TO BAGWELL COVE
34	C-25	STREET RESURFACING	PARKDALE AVE. FROM PORT ROYAL DR. TO FLANDER DR.
35	C-26	STREET RESURFACING	PARKDALE FROM CALICO ST. TO MIRA MESA BLVD.
36	C-27	STRIPING PLAN	GOLD COAST DR. FROM CAMINO RUIZ TO SALUDA AVE
37	C-28	STRIPING PLAN	GOLD COAST DR. FROM SALUDA AVE TO SAN RAMON DR.
38	C-29	STRIPING PLAN	GOLD COAST DR. FROM SAN RAMON DR. TO GOLD COAST CT.
39	C-30	STRIPING PLAN	GOLD COAST DR. FROM GOLD COAST CT. TO LONDONDERRY AVE.
40	C-31	STRIPING PLAN	GOLD COAST DR. FROM BAYWOOD LN TO THANKSGIVING LN.
41	C-32	STRIPING PLAN	PARKDALE AVE. FROM NORHTRUP DR. TO BAGWELL COVE
42	C-33	STRIPING PLAN	PARKDALE AVE. FROM PORT ROYAL DR. TO FLANDER DR.
43	C-34	STRIPING PLAN	PARKDALE FROM CALICO ST. TO MIRA MESA BLVD.
44	C-35	MONUMENT SHEET	GOLD COAST DR.
45	C-36	MONUMENT SHEET	PARKDALE AVE.
46	C-37	BMP MAP FOR PRIORITY DEVELOPMENT PROJECT	
47	C-38	BMP MAP FOR PRIORITY DEVELOPMENT PROJECT	
48	C-39	DRAINAGE DETAIL PLAN	
49	C-40	DRAINAGE DETAIL PLAN	

CONTRACTOR'S RESPONSIBILITIES

- PURSUANT TO SECTION 4216 OF THE CALIFORNIA GOVERNMENT CODE, AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION, YOU MUST CONTACT THE REGIONAL NOTIFICATION CENTER (E.G., UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA) AND OBTAIN AN INQUIRY IDENTIFICATION NUMBER.
- NOTIFY SDG&E AT LEAST 10 WORKING DAYS PRIOR TO EXCAVATING WITHIN 10' OF SDG&E UNDERGROUND HIGH VOLTAGE TRANSMISSION POWER LINES, (I.E., 69 KV & HIGHER).
- STORM DRAIN INLETS SHALL REMAIN FUNCTIONAL AT ALL TIMES DURING CONSTRUCTION.
- BEFORE EXCAVATING FOR THIS CONTRACT, THE CONTRACTOR SHALL FIELD VERIFY LOCATION OF UNDERGROUND UTILITIES, EXISTING UTILITY CROSSING AS SHOWN ON THE PLANS ARE APPROXIMATE AND ARE NOT REPRESENTATIVE OF ACTUAL LENGTH AND LOCATION OF CONFLICT AREAS, SEE PLAN VIEW.
- CONTRACTOR WILL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING UTILITIES.
- FOR COORDINATION OF THE SHUTDOWN OF MAINS, THE ASSIGNED INSPECTOR RESIDENT ENGINEER (IRE), AND NOT THE CONTRACTOR, SHOULD CONTACT THE FOLLOWING:
TRANSMISSION MAINS (16 INCHES AND LARGER) JESUS RAMOS (619-527-7438)
DISTRIBUTION MAINS (LESS THAN 16 INCHES) TISA AGUIERO (619-527-3143)
WATER FACILITIES TATYANA FIKHMAN (619-527-7465) AND JESUS RAMOS (619-527-7438)
- CONTRACTOR SHALL PROVIDE WATER HIGHLINE DURING FDR OPERATION.

CONSTRUCTION STORM WATER PROTECTION NOTES

- TOTAL SITE DISTURBANCE AREA (ACRES) 8.54
HYDROLOGIC SUBAREA / WATERSHED PENASQUITOS HU/LOS PENASQUITOS WATERSHED
HYDROLOGIC SUBAREA NAME & NO. MIRAMAR RESERVOIR 906J
- THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE
 MINOR WPCP
THE PROJECT IS SUBJECT TO MUNICIPAL SEPARATE STORM SEWER SYSTEM CMS41 PE RMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100
 SWPPP
THE PROJECT IS SUBJECT TO MUNICIPAL SEPARATE STORM SEWER SYSTEM CMS41 PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100 AND CONSTRUCTION GENERAL PERMIT (CGP) ORDER 2009-0009-DWO AS AMENDED BY ORDER 2010-0014-DWO AND 2012-0006-DWO
TRADITIONAL: RISK LEVEL 1 2 3
LUP: RISK TYPE 1 2 3
- CONSTRUCTION SITE PRIORITY
 ASBS HIGH MEDIUM LOW

ABBREVIATIONS

ABAND	ABANDON	EB	ENCASED BURIED	OVHD	OVER HEAD
ABAND'D	ABANDONED	EL, ELEV	ELEVATION	PROP	PROPOSED
BTWN	BETWEEN	ELEC	ELECTRIC	PH	POT HOLE LOCATIONS
CATV	CABLE TV	EX, EXIST	EXISTING	SL	SURVEY LINE
C	CENTER LINE	FH	FIRE HYDRANT	SD&AE	SAN DIEGO & ARIZONA EASTERN RAILROAD
COND	CONDUIT	FS	FIRE SERVICE	SDTI	SAN DIEGO TROLLEY INC.
CONT	CONTINUED	HP	HIGH PRESSURE	SWR	SEWER
CONTR	CONTRACTOR	IE	INVERT ELEVATION	TEL	TELEPHONE
DB	DIRECT BURIED	MTD	MULTIPLE TELEPHONE DUCT	UNK	UNKNOWN
DI	DUCTILE IRON	MTS	SAN DIEGO METROPOLITAN TRANSIT SYSTEM	WM	WATER METER
				WTR	WATER

EXISTING STRUCTURES

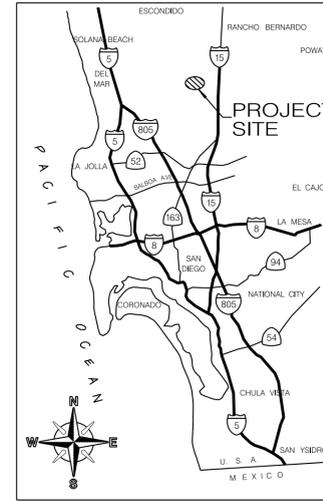
EX WATER VALV E	---	EX WATER METER	---	EX FIRE HYDRANT	---	EX SEWER MAIN & MANHOLES	---	EX DRAINS	---	GAS MAIN	---	NEXTLINK	---	ELEC. COND., TEL. COND., CATV.	---		
⊗	TRAFFIC SIGNAL	⊠	TRAFFIC PULL BOX	⊙	WATER GATE VALVE	⊕	STREET LIGHT	⊞	ELECTRICAL MANHOLE VAULT	⊗	FIRE HYDRANT	⊘	TRAFFIC LOOP	⊙	TELEPHONE MANHOLE VAULT	⊚	STORM DRAIN MANHOLE
○	EXISTING SIGN	⊙	ELECTRICAL POLE	⊚	STORM DRAIN INLET	⊛	PROPOSED SIGN	⊜	UTILITY POLE	⊝	SEWER MANHOLE	⊞	EASEMENT				
⊞	ELECTRICAL BOX	⊙	GAS GATE VALVE	⊞	EASEMENT												

LEGEND

- CURB RAMP LOCATION
- SHT. NO. (DEMOLITION PLAN)
- SHT. NO. (CURB RAMP LOCATION)
- SHT. NO. (STORM DRAIN PLAN)
- SHT. NO. (STREET RESURFACING)
- SHT. NO. (STRIPING PLAN)

WORK TO BE DONE

RECONSTRUCT EXISTING STREET PAVEMENT AND BASE MATERIAL USING FULL DEPTH RECLAMATION (FDR), INSTALL CONCRETE SLABS AT BUS STOPS, IMPROVE EXISTING OR INSTALL NEW CURB RAMPS PER ADA REQUIREMENTS, REPAIR EXISTING SIDEWALK, CURB AND GUTTER, REMOVE AND REPLACE EXISTING CROSSWALKS WITH CONTINENTAL CROSSWALKS, REMOVE AND REPLACE EXISTING TRAFFIC STRIPING AND TRAFFIC LOOP DETECTORS, NEW AND EXISTING STORM DRAINS, CLEAN OUTS INLETS AND CROSS-GUTTERS AS WELL AS GREEN STREET ELEMENTS, PER THE CITY OF SAN DIEGO STORM WATER STANDARDS.



VICINITY MAP
NOT TO SCALE



KEY MAP
NO SCALE

LEGEND

IMPROVEMENTS	STANDARD DRAWINGS	SYMBOL
CURB RAMP TYPE 'A', 'B', 'C1' & 'C2'	SDG-13, SDG-134	
BUS STOP PAD	SDG-102	
STORM DRAIN	D-6I, SDD-110	
TYPE 'A' & 'B' C.O.	D-9, D-10, SDD-114	
CURB AND GUTTER	SDG-15I, TYPE G	
GRAVITY RETAINING WALL	SDD C-9, TYPE A	
PEDESTRIAN BARRICADE	SDG-14I, TYPE A	
SURVEY MONUMENT	M-10A, M-10B, M-10C	

FOR ADDITIONAL SYMBOLS SEE RESURFACING, CURB RAMP AND STRIPING PLAN SHEETS.

STREET CLASSIFICATION

STREET NAME: GOLD COAST DRIVE
STREET CLASSIFICATION: LIGHT COLLECTOR, ADT=7,009
STREET NAME: PARKDALE AVENUE
STREET CLASSIFICATION: LOCAL, ADT=4,760

FIELD DATA

BENCHMARK:
BP TOP SLY CURB MIRALANI DR & ADDRESS 6595 (PT# 4)
Elev. 427.911 MSL, Based on NGVD 29 FEET as shown in the City of San Diego Bench Book.

FIELD NOTES:

COLLINS/FISHER/KHALILI 04/26/2018, B-17188, 268-1725
PARSONS 04/28/2020, CLS-I665-0002
McGRATH/MAGUIRE/NOTHDURFT 7/1/2020, B-17188, 268-1719

BASIS OF BEARINGS / COORDINATES:

The Basis of Bearings for this project was derived from a previous STATIC GPS Survey using R.of S.14492 NAD 83 feet, Zone 6 (epoch 1991.35), utilizing RTK/GPS field procedures with a CALVRS Base Station broadcast of 2018 and constraining to GPS 17 (PT# 20017), and checking GPS 126, I.E. N 32 33/64 35'01" E.

TOPOGRAPHY SOURCE:

BASED ON FIELD SURVEY PERFORMED BY CITY OF SAN DIEGO SURVEYING DIVISION 04/26/2018, 7/1/2020 WORK ORDER NO. B17188. BASED ON FIELD SURVEY PERFORMED BY PARSONS ON 04/28/2020.

DISCIPLINE CODE

- G GENERAL
- D DEMOLITION
- C CIVIL

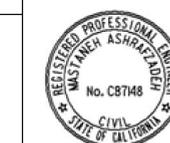
TRAFFIC CONTROL NOTES:

THE CONTRACTOR SHALL, PER SECTION 601-2.1.4 OF THE CONTRACT SPECIAL PROVISIONS, PREPARE TRAFFIC CONTROL WORKING DRAWINGS AND SUBMIT THEM TO THE RESIDENT ENGINEER. THE WORKING DRAWINGS WILL BE SENT TO THE ENGINEERING TRAFFIC CONTROL SECTION FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL ALLOW A MINIMUM OF 20 WORKING DAYS FOR REVIEW OF THE WORKING DRAWINGS. UPON APPROVAL OF THE TRAFFIC CONTROL PLAN, THE ENGINEERING TRAFFIC CONTROL SECTION WILL ISSUE A TRAFFIC CONTROL PLAN (TCP) PERMIT. WORK SHALL NOT BEGIN IN THE PUBLIC RIGHT OF WAY WITHOUT THE APPROVED TCP PERMIT.

G-1

PLANS FOR THE CONSTRUCTION OF STREET RECONSTRUCTION GROUP 1801 COVER SHEET

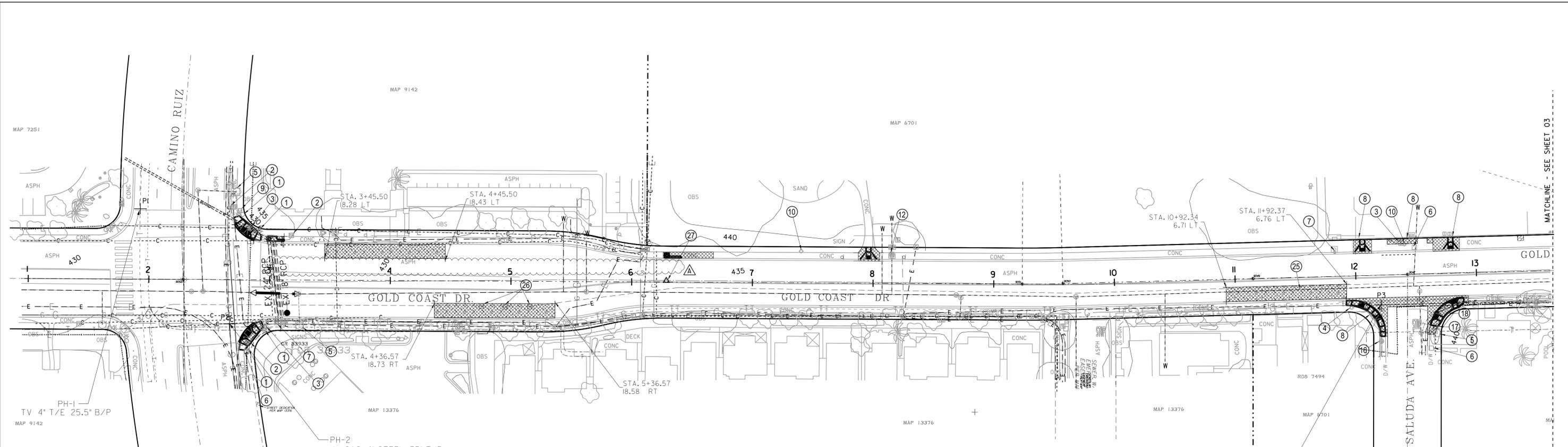
SPEC. NO. 1963	CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 1 OF 49 SHEETS	WBS# B-17188
APPROVED FOR CITY ENGINEER MASTANEH ASHRAFZADEH PRINT DATE NAME	DATE 07/11/2022 DATE 8/11/22 FILED 7/11/22	CHUN YU CHAN PROJECT MANAGER
DESCRIPTION ORIGINAL	BY HS/FJ	HOSSAI SHERZAI PROJECT ENGINEER
ADDENDUM A	BY CC/FJ	266-1725 CCS27 COORDINATE
CONTRACTOR INSPECTOR	DATE STARTED DATE COMPLETED	6280407-1910444 CCS83 COORDINATE
		41356-01-D



REVISED NOTES

ADDENDUM A

STREET RECONSTRUCTION GROUP 1801



- PH-2
 1- GAS 4" STEEL 35' T/P
 2- ELECTRIC 2" PVC 31' T/P
 3- ELECTRIC 5" ACP 38' T/P
 4- GAS 2.5" STEEL 53.5' T/P

- PH-3
 1- ELECTRIC 4" PVC 45' T/P
 2- GAS 3" STEEL T 34' T/P

DEMOLITION LEGEND:



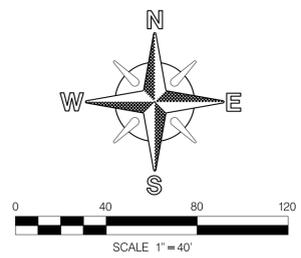
DEMOLITION NOTES:

- ① PROTECT IN PLACE TRAFFIC SIGNAL POLE
- ② PROTECT IN PLACE TRAFFIC LIGHT PULL BOX
- ③ PROTECT IN PLACE ELECTRICAL PULL BOX
- ④ PROTECT IN PLACE FLASHING BEACON POLE
- ⑤ PROTECT IN PLACE FIRE HYDRANT
- ⑥ PROTECT IN PLACE WATER METER PULL BOX
- ⑦ PROTECT IN PLACE STORM DRAIN STRUCTURES
- ⑧ PROTECT IN PLACE EXISTING FENCE/WALL
- ⑨ PROTECT IN PLACE UTILITY RISER
- ⑩ PROTECT IN PLACE STREET LIGHT POLE
- ⑪ ADJUST TO GRADE WATER METER PULL BOX
- ⑫ PROTECT IN PLACE WATER EQUIPMENT
- ⑬ PROTECT IN PLACE ELECTRICAL CABINETS
- ⑭ PROTECT IN PLACE BUS STOP POST
- ⑮ RELOCATE OUTSIDE THE CURB RAMP AREA
- ⑯ PROTECT IN PLACE GAS MANHOLE
- ⑰ PROTECT IN PLACE TRAFFIC SIGN POST
- ⑱ PROTECT IN PLACE TREE OR LANDSCAPE
- ⑲ PROTECT IN PLACE WATER LINE
- ⑳ PROTECT IN PLACE UTILITY MANHOLE
- ㉑ ADJUST EXISTING SURVEY MONUMENT TO GRADE

D-1

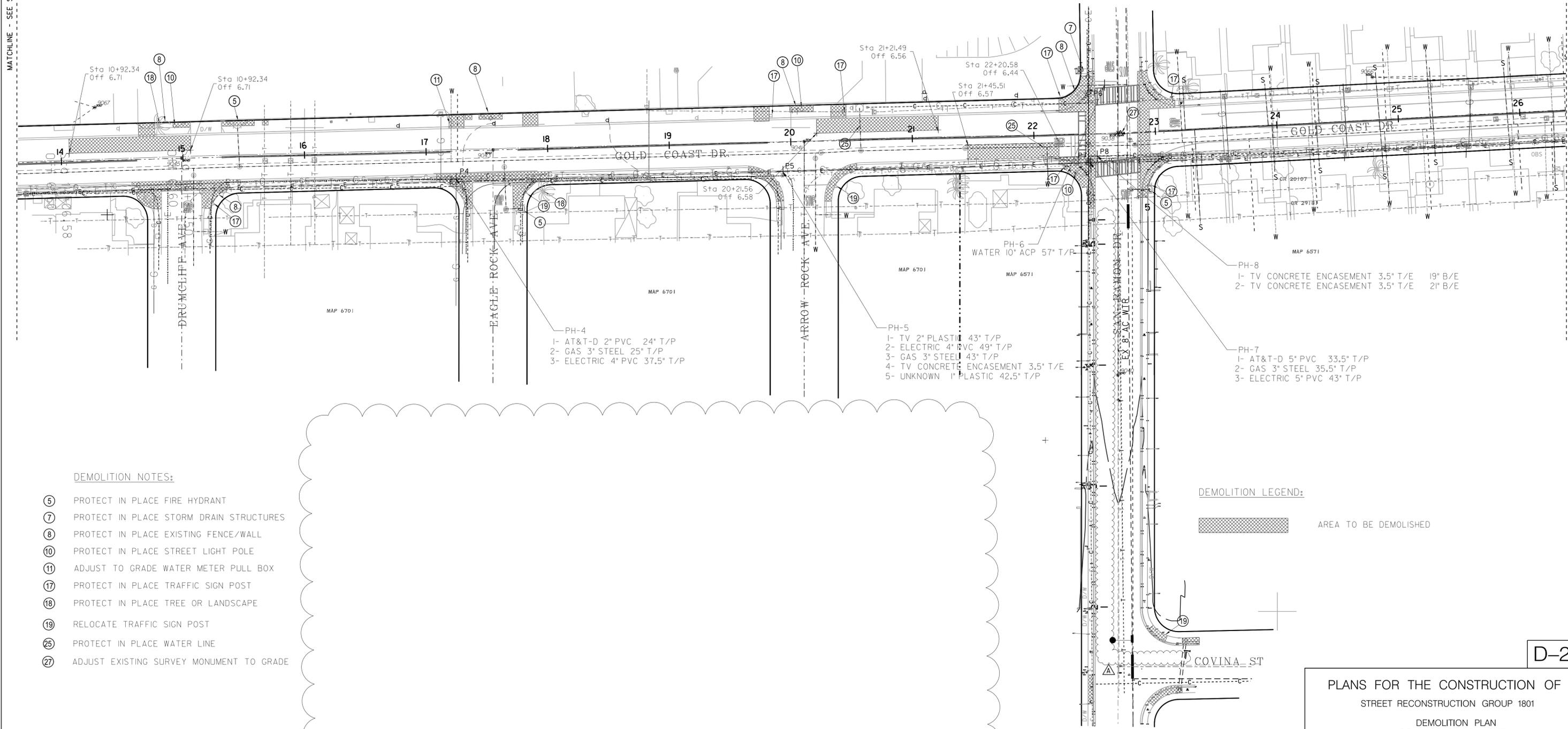
PLANS FOR THE CONSTRUCTION OF
 STREET RECONSTRUCTION GROUP 1801
 DEMOLITION PLAN
 GOLD COAST DR. - SITE 1

CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 2 OF 49 SHEETS		WBS# B-17188	
APPROVED BY: <i>MA</i>	DATE: 07/11/2022	SUBMITTED BY: CHUN YU CHAN PROJECT MANAGER	
FOR CITY ENGINEER: MASTANEH ASHRAFAZADEH	DATE: 8/18/22	PROJECT ENGINEER: HOSSAI SHERZAI	
PRINT DCE NAME: MASTANEH ASHRAFAZADEH	RCE#	PROJECT ENGINEER: HOSSAI SHERZAI	
DESCRIPTION	BY	APPROVED	DATE
ORIGINAL	HS/FJ	<i>MA</i>	7/11/22
ADDENDUM A	CC/FJ	<i>MA</i>	8/18/22
CONTRACTOR		DATE STARTED	
INSPECTOR		DATE COMPLETED	
		41356-02-D	



MATCHLINE - SEE SHEET 02

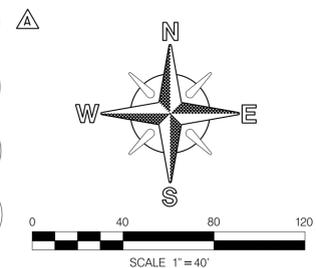
MATCHLINE - SEE SHEET 04



DEMOLITION NOTES:

- ⑤ PROTECT IN PLACE FIRE HYDRANT
- ⑦ PROTECT IN PLACE STORM DRAIN STRUCTURES
- ⑧ PROTECT IN PLACE EXISTING FENCE/WALL
- ⑩ PROTECT IN PLACE STREET LIGHT POLE
- ⑪ ADJUST TO GRADE WATER METER PULL BOX
- ⑰ PROTECT IN PLACE TRAFFIC SIGN POST
- ⑱ PROTECT IN PLACE TREE OR LANDSCAPE
- ⑲ RELOCATE TRAFFIC SIGN POST
- ⑳ PROTECT IN PLACE WATER LINE
- ㉓ ADJUST EXISTING SURVEY MONUMENT TO GRADE

DEMOLITION LEGEND:



D-2

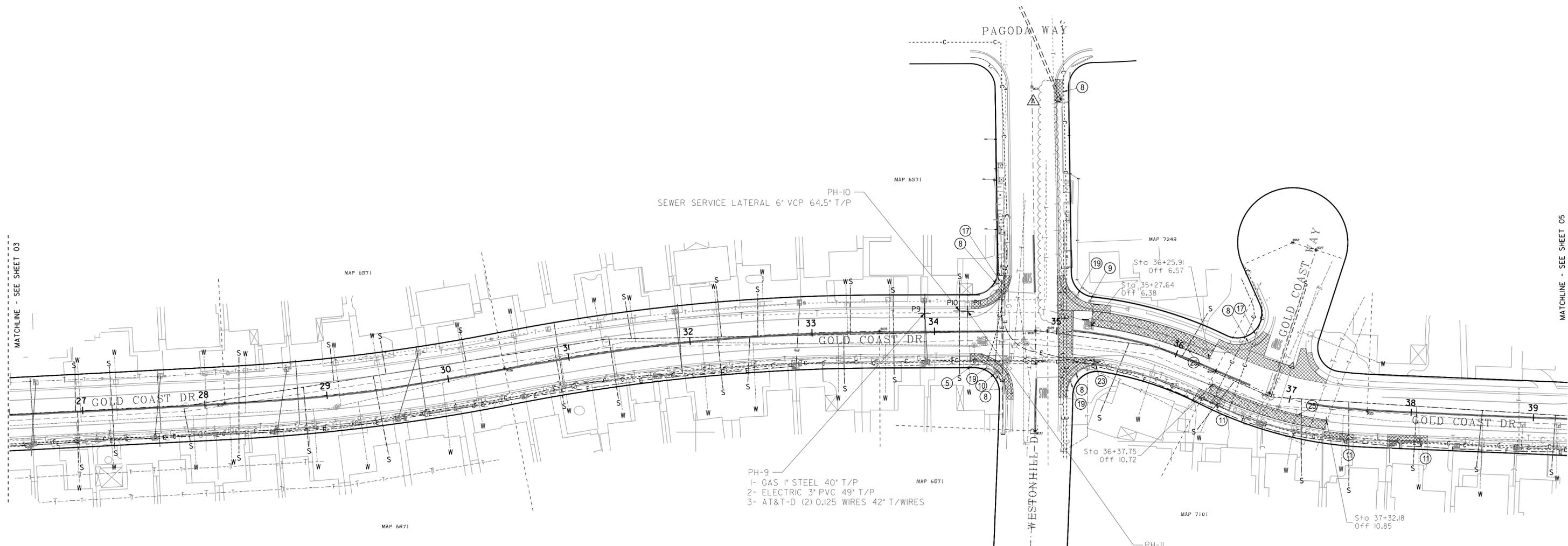
PLANS FOR THE CONSTRUCTION OF STREET RECONSTRUCTION GROUP 1801 DEMOLITION PLAN GOLD COAST DR. - SITE 1			
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 3 OF 49 SHEETS		WBS# B-17188	
APPROVED: <i>MA</i> FOR CITY ENGINEER MUSTANEH ASHRAFZADEH PRINT DCE NAME	DATE 07/11/2022	SUBMITTED BY: CHUN YU CHAN PROJECT MANAGER	
DESCRIPTION ORIGINAL	BY <i>MA</i>	APPROVED <i>MA</i>	DATE 7/11/22
㉓ ADDENDUM A	CC/FJ	<i>MA</i>	8/18/22
PROJECT ENGINEER HOSSAI SHERZAI		PROJECT NUMBER 266-1725	
CCS27 COORDINATE 6286407-1906444		CCS83 COORDINATE 41356-03-D	
CONTRACTOR _____		DATE STARTED _____	
INSPECTOR _____		DATE COMPLETED _____	



COORDINATE DATA TABLE & STORM DRAIN TRENCH AREA REMOVED

ADDENDUM A

DEMOLITION PLAN



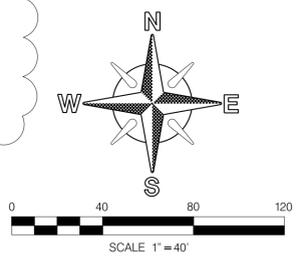
MATCHLINE - SEE SHEET 03

MATCHLINE - SEE SHEET 05

DEMOLITION NOTES:

- ⑤ PROTECT IN PLACE FIRE HYDRANT
- ⑧ PROTECT IN PLACE EXISTING FENCE/WALL
- ⑨ PROTECT IN PLACE UTILITY RISER
- ⑩ PROTECT IN PLACE STREET LIGHT POLE
- ⑪ ADJUST TO GRADE WATER METER PULL BOX
- ⑰ PROTECT IN PLACE TRAFFIC SIGN POST
- ⑲ RELOCATE TRAFFIC SIGN POST
- ⑳ PROTECT IN PLACE UTILITY PULL BOX
- ㉕ PROTECT IN PLACE WATER/SEWER LINE

DEMOLITION LEGEND:



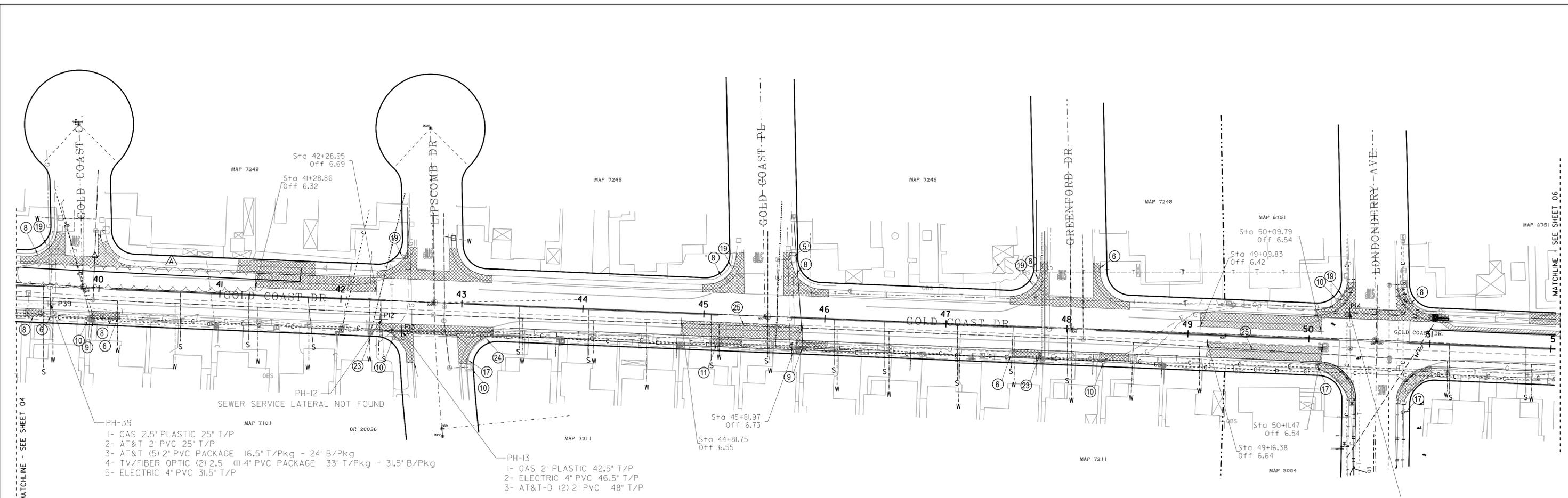
D-3

**PLANS FOR THE CONSTRUCTION OF
STREET RECONSTRUCTION GROUP 1801
DEMOLITION PLAN
GOLD COAST DR. - SITE 1**

CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 4 OF 49 SHEETS		WBS# B-17188
APPROVED: <i>MA</i> MA 07/11/2022 FOR CITY ENGINEER DATE MASTANEH ASHRAFEZADEH 81748 PRINT DCE NAME RCE#	SUBMITTED BY: CHUN YU CHAN PROJECT MANAGER HOSSAI SHERZAI PROJECT ENGINEER 266-1725 CCS27 COORDINATE 6286407-1906444 CCS83 COORDINATE	
DESCRIPTION ORIGINAL	BY CC/FJ	APPROVED MA
DATE 7/11/22	DATE 8/18/22	FILMED
ADDENDUM A		41356-04-D



CONTRACTOR _____ DATE STARTED _____
 INSPECTOR _____ DATE COMPLETED _____



MATCHLINE - SEE SHEET 04

MATCHLINE - SEE SHEET 06

- PH-39
SEWER SERVICE LATERAL NOT FOUND
- 1- GAS 2.5" PLASTIC 25" T/P
 - 2- AT&T 2" PVC 25" T/P
 - 3- AT&T (5) 2" PVC PACKAGE 16.5" T/Pkg - 24" B/Pkg
 - 4- TV/FIBER OPTIC (2) 2.5" (1) 4" PVC PACKAGE 33" T/Pkg - 31.5" B/Pkg
 - 5- ELECTRIC 4" PVC 31.5" T/P

- PH-13
- 1- GAS 2" PLASTIC 42.5" T/P
 - 2- ELECTRIC 4" PVC 46.5" T/P
 - 3- AT&T-D (2) 2" PVC 48" T/P

- PH-14
- 1- GAS 2" STEEL 35" T/P
 - 2- ELECTRIC (2) 4" PVC 42" T/P

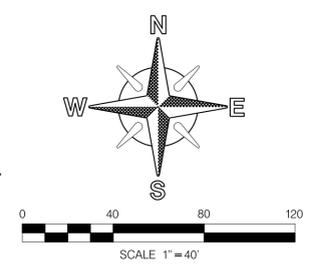
DEMOLITION NOTES:

- ⑤ PROTECT IN PLACE FIRE HYDRANT
- ⑥ PROTECT IN PLACE WATER METER PULL BOX
- ⑧ PROTECT IN PLACE EXISTING FENCE/WALL
- ⑨ PROTECT IN PLACE UTILITY RISER
- ⑩ PROTECT IN PLACE STREET LIGHT POLE
- ⑪ ADJUST TO GRADE WATER METER PULL BOX
- ⑰ PROTECT IN PLACE TRAFFIC SIGN POST
- ⑲ RELOCATE TRAFFIC SIGN POST
- ⑳ PROTECT IN PLACE UTILITY PULL BOX
- ㉔ RELOCATE FENCE
- ㉕ PROTECT IN PLACE WATER/SEWER LINE

DEMOLITION LEGEND:

AREA TO BE DEMOLISHED

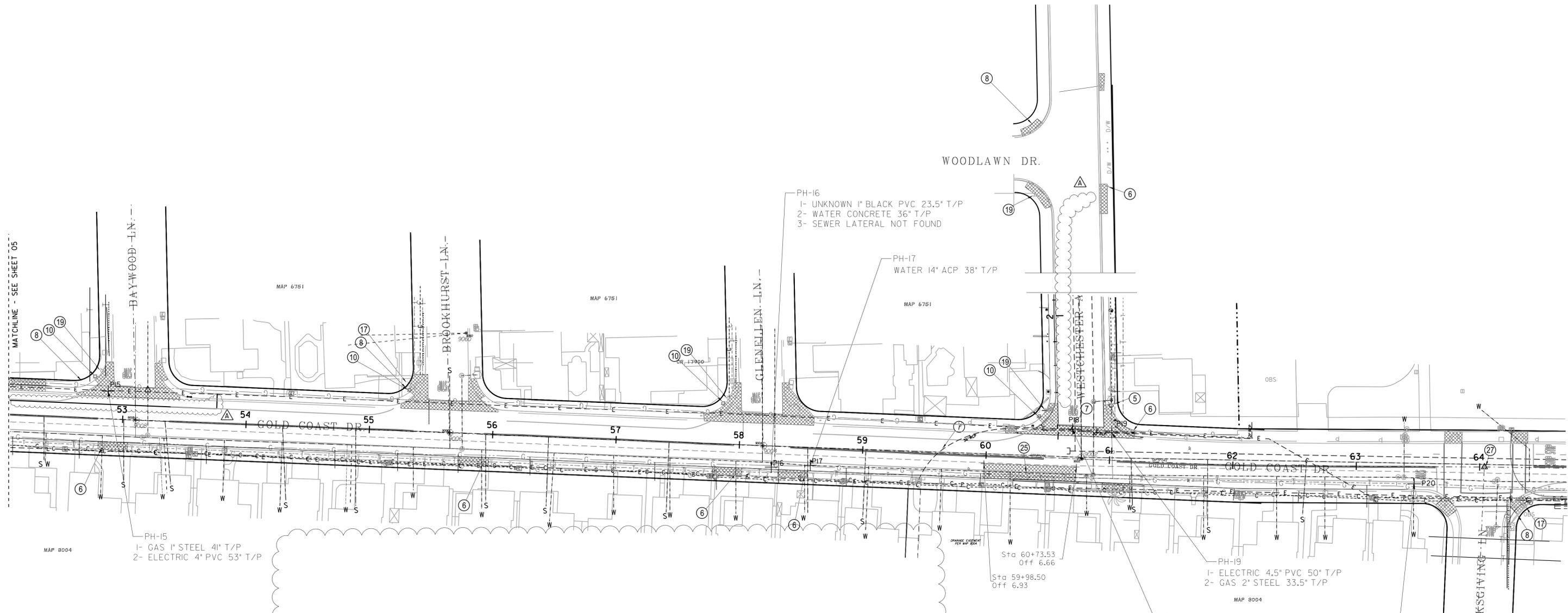
D-4



**PLANS FOR THE CONSTRUCTION OF
STREET RECONSTRUCTION GROUP 1801
DEMOLITION PLAN
GOLD COAST DR. - SITE 1**

CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 5 OF 49 SHEETS		WBS# B-17188	
APPROVED FOR CITY ENGINEER MUSTANEH ASHRAFZADEH PRINT DCE NAME	DATE 07/11/2022 81748 RCE#	SUBMITTED BY CHUN YU CHAN PROJECT MANAGER HOSSAI SHERZAI PROJECT ENGINEER	
DESCRIPTION ORIGINAL	BY HS/FJ	APPROVED MA	DATE 7/11/22
ADDENDUM A	CC/FJ	MA	8/18/22
CONTRACTOR		DATE STARTED	
INSPECTOR		DATE COMPLETED	
		41356-05-D	





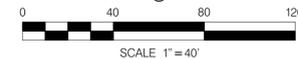
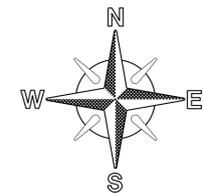
MATCHLINE - SEE SHEET 05

DEMOLITION NOTES:

- ⑤ PROTECT IN PLACE FIRE HYDRANT
- ⑥ PROTECT IN PLACE WATER METER PULL BOX
- ⑦ PROTECT IN PLACE STORM DRAIN STRUCTURES
- ⑧ PROTECT IN PLACE EXISTING FENCE/WALL
- ⑩ PROTECT IN PLACE STREET LIGHT POLE
- ⑰ PROTECT IN PLACE TRAFFIC SIGN POST
- ⑲ RELOCATE TRAFFIC SIGN POST
- ⑳ PROTECT IN PLACE WATER/SEWER LINE
- ㉓ ADJUST EXISTING SURVEY MONUMENT TO GRADE

DEMOLITION LEGEND:

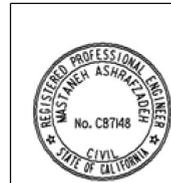
AREA TO BE DEMOLISHED



D-5

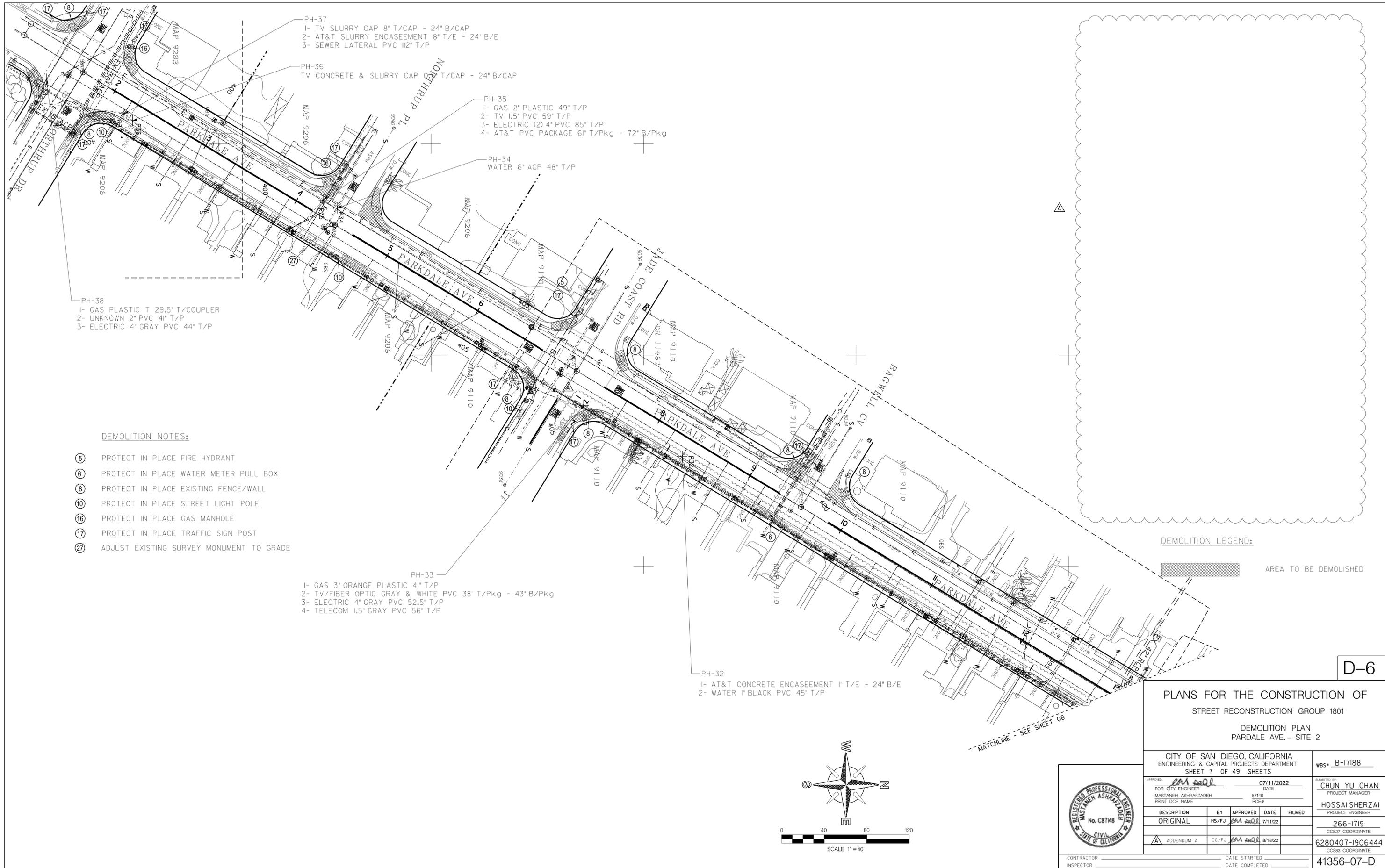
PLANS FOR THE CONSTRUCTION OF
STREET RECONSTRUCTION GROUP 1801
DEMOLITION PLAN
GOLD COAST DR. - SITE 1

CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 6 OF 49 SHEETS		WBS# B-17188	
APPROVED: <i>MA</i>	DATE: 07/11/2022	SUBMITTED BY: CHUN YU CHAN PROJECT MANAGER	
FOR CITY ENGINEER: MASTANEH ASHRAEZADEH	DATE: 07/11/22	PROJECT ENGINEER: HOSSAI SHERZAI	
PRINT DCE NAME:	RCE#:	PROJECT ENGINEER: 266-1725	
DESCRIPTION	BY	APPROVED	DATE
ORIGINAL	HS/FJ	<i>MA</i>	7/11/22
ADDENDUM A	CC/FJ	<i>MA</i>	8/18/22
CONTRACTOR		DATE STARTED	
INSPECTOR		DATE COMPLETED	
		41356-06-D	



△ COORDINATE DATA TABLE & STORM DRAIN TRENCH AREA REMOVED

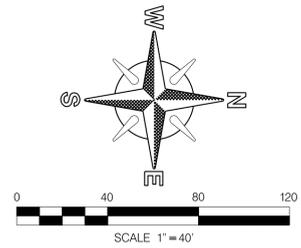
ADDENDUM A



- DEMOLITION NOTES:**
- ⑤ PROTECT IN PLACE FIRE HYDRANT
 - ⑥ PROTECT IN PLACE WATER METER PULL BOX
 - ⑧ PROTECT IN PLACE EXISTING FENCE/WALL
 - ⑩ PROTECT IN PLACE STREET LIGHT POLE
 - ⑯ PROTECT IN PLACE GAS MANHOLE
 - ⑰ PROTECT IN PLACE TRAFFIC SIGN POST
 - ⑳ ADJUST EXISTING SURVEY MONUMENT TO GRADE

DEMOLITION LEGEND:

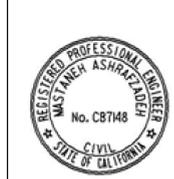
AREA TO BE DEMOLISHED

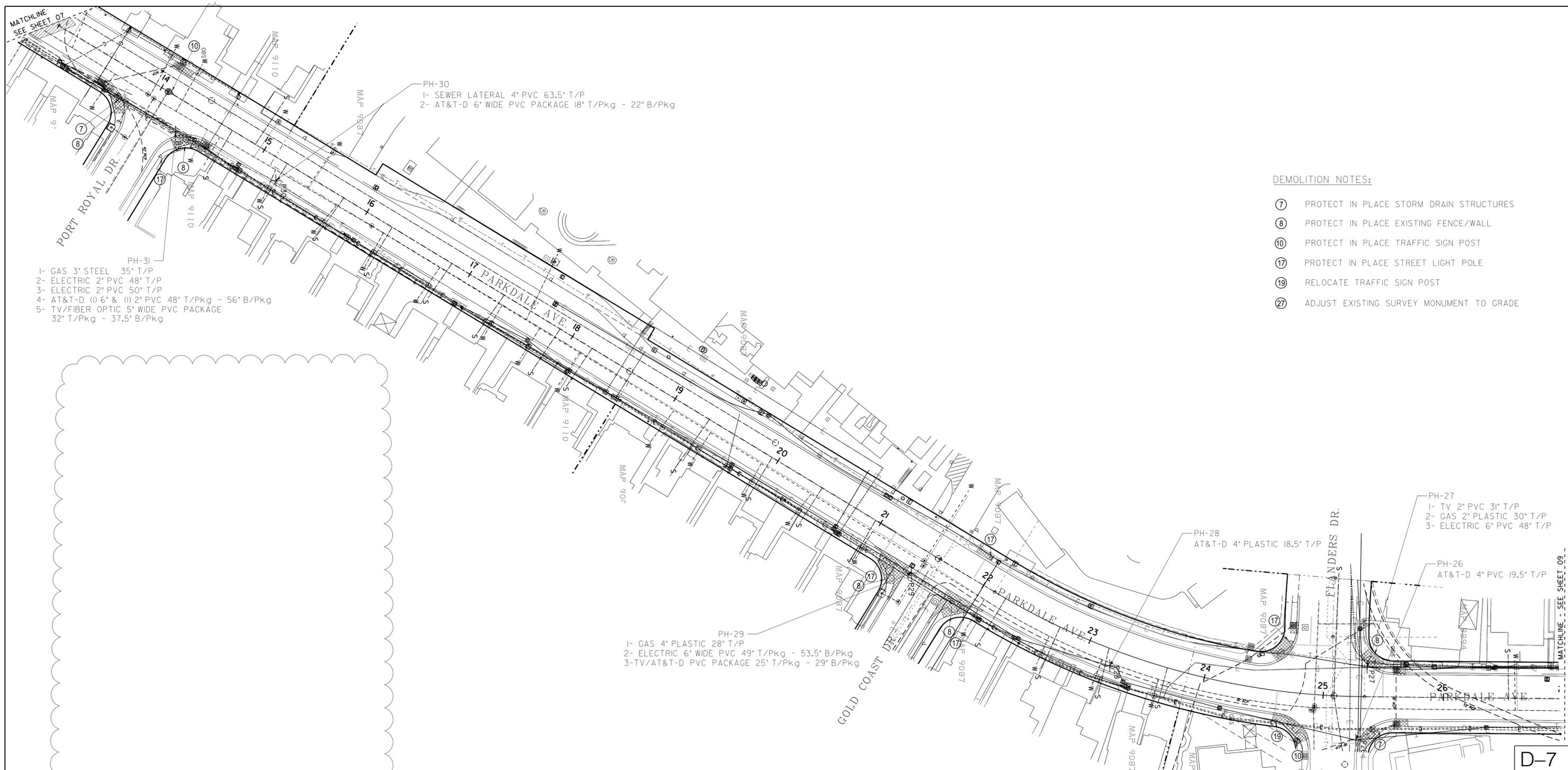


D-6

**PLANS FOR THE CONSTRUCTION OF
STREET RECONSTRUCTION GROUP 1801
DEMOLITION PLAN
PARKDALE AVE. - SITE 2**

CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 7 OF 49 SHEETS		WBS# B-17188	
APPROVED: <i>MA</i>	DATE: 07/11/2022	SUBMITTED BY: CHUN YU CHAN PROJECT MANAGER	
FOR CITY ENGINEER: MASTANEH ASHRAFZADEH	DATE: 8/14/22	PROJECT ENGINEER: HOSSAI SHERZAI	
PRINT DCE NAME:	RCE#:	PROJECT ENGINEER	
DESCRIPTION	BY	APPROVED	DATE
ORIGINAL	HS/FJ	<i>MA</i>	7/11/22
ADDENDUM A	CC/FJ	<i>MA</i>	8/18/22
CONTRACTOR: _____		DATE STARTED: _____	
INSPECTOR: _____		DATE COMPLETED: _____	
		266-1719 CCS27 COORDINATE	
		6280407-1906444 CCS83 COORDINATE	
		41356-07-D	





DEMOLITION NOTES:

- ⑦ PROTECT IN PLACE STORM DRAIN STRUCTURES
- ⑧ PROTECT IN PLACE EXISTING FENCE/WALL
- ⑩ PROTECT IN PLACE TRAFFIC SIGN POST
- ⑰ PROTECT IN PLACE STREET LIGHT POLE
- ⑱ RELOCATE TRAFFIC SIGN POST
- ⑳ ADJUST EXISTING SURVEY MONUMENT TO GRADE

PH-31
 1- GAS 3" STEEL 35' T/P
 2- ELECTRIC 2" PVC 48' T/P
 3- ELECTRIC 2" PVC 50' T/P
 4- AT&T-D (1) 6" & (1) 2" PVC 48' T/Pkg - 56' B/Pkg
 5- TV/FIBER OPTIC 5" WIDE PVC PACKAGE 32' T/Pkg - 37.5' B/Pkg

PH-30
 1- SEWER LATERAL 4" PVC 63.5' T/P
 2- AT&T-D 6" WIDE PVC PACKAGE 18' T/Pkg - 22' B/Pkg

PH-29
 1- GAS 4" PLASTIC 28" T/P
 2- ELECTRIC 6" WIDE PVC 49' T/Pkg - 53.5' B/Pkg
 3-TV/AT&T-D PVC PACKAGE 25' T/Pkg - 29' B/Pkg

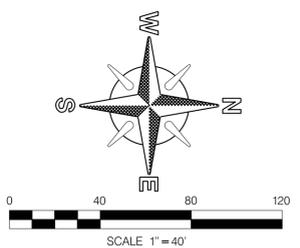
PH-28
 AT&T-D 4" PLASTIC 18.5' T/P

PH-27
 1- TV 2" PVC 31' T/P
 2- GAS 2" PLASTIC 30" T/P
 3- ELECTRIC 6" PVC 48' T/P

PH-26
 AT&T-D 4" PVC 19.5' T/P



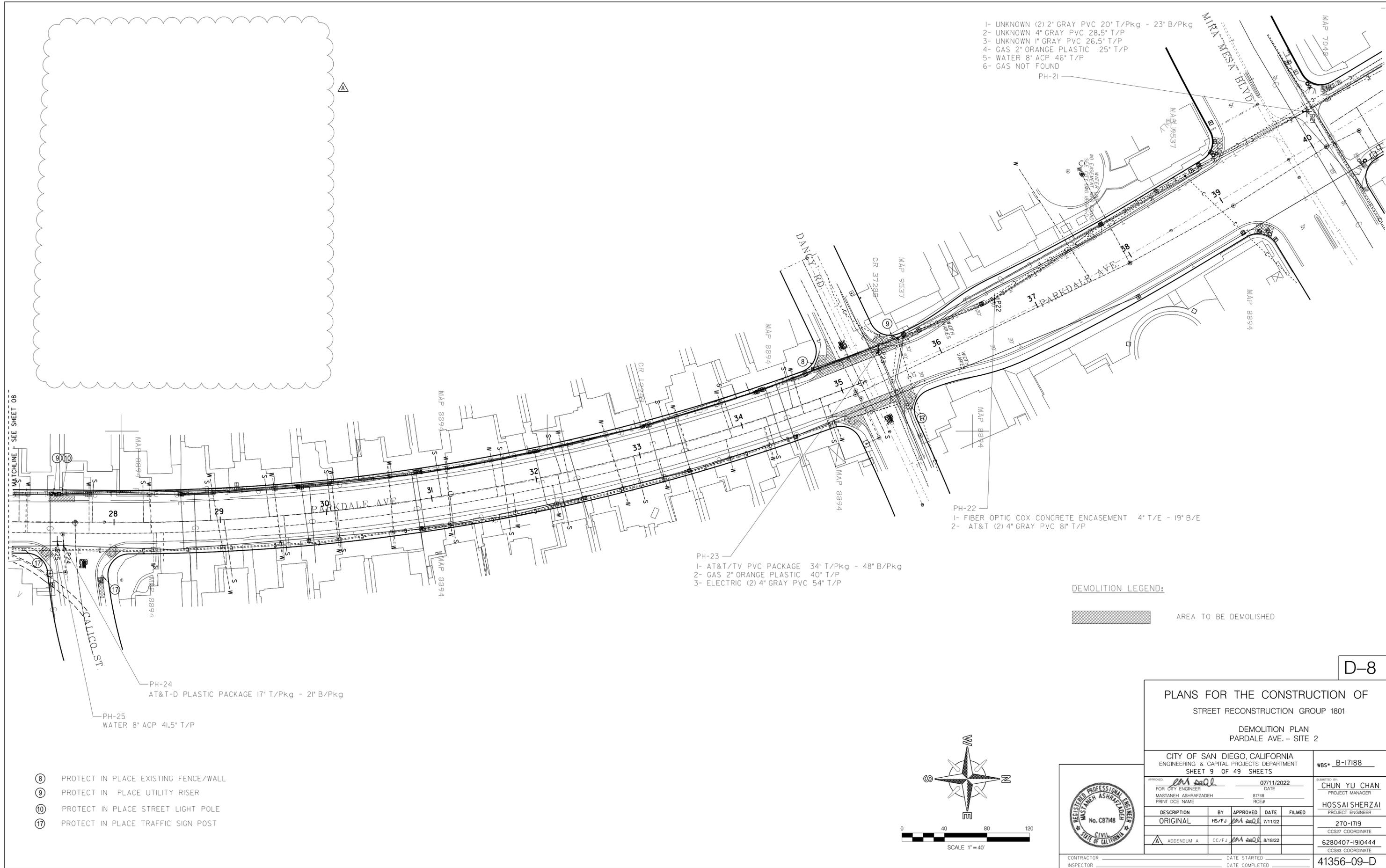
DEMOLITION LEGEND:
 AREA TO BE DEMOLISHED



PLANS FOR THE CONSTRUCTION OF
 STREET RECONSTRUCTION GROUP 1801
 DEMOLITION PLAN
 PARKDALE AVE. - SITE 2

CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 8 OF 49 SHEETS		WBS# B-17188	
APPROVED FOR CITY ENGINEER MUSTANEH ASHRAFFZADEH PRINT DCE NAME	DATE 07/11/2022	SUBMITTED BY CHUN YU CHAN PROJECT MANAGER	
DESCRIPTION		BY	APPROVED
ORIGINAL		HS/FJ	MA/ASQ
DATE		7/11/22	
FILED			
ADDENDUM A		CC/FJ	MA/ASQ
DATE		8/18/22	
PROJECT ENGINEER HOSSAI SHERZAI		PROJECT MANAGER CHUN YU CHAN	
CCS27 COORDINATE 6280407-1906444		CCS83 COORDINATE 6280407-190444	
CONTRACTOR		DATE STARTED	
INSPECTOR		DATE COMPLETED	
		41356-08-D	





- 1- UNKNOWN (2) 2" GRAY PVC 20" T/Pkg - 23" B/Pkg
- 2- UNKNOWN 4" GRAY PVC 28.5" T/P
- 3- UNKNOWN 1" GRAY PVC 26.5" T/P
- 4- GAS 2" ORANGE PLASTIC 25" T/P
- 5- WATER 8" ACP 46" T/P
- 6- GAS NOT FOUND

- PH-21
- PH-22
- PH-23
- 1- AT&T/TV PVC PACKAGE 34" T/Pkg - 48" B/Pkg
- 2- GAS 2" ORANGE PLASTIC 40" T/P
- 3- ELECTRIC (2) 4" GRAY PVC 54" T/P

- PH-24
- AT&T-D PLASTIC PACKAGE 17" T/Pkg - 21" B/Pkg
- PH-25
- WATER 8" ACP 41.5" T/P

- ⑧ PROTECT IN PLACE EXISTING FENCE/WALL
- ⑨ PROTECT IN PLACE UTILITY RISER
- ⑩ PROTECT IN PLACE STREET LIGHT POLE
- ⑰ PROTECT IN PLACE TRAFFIC SIGN POST

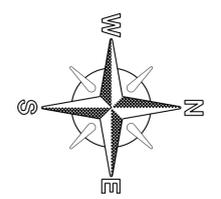
DEMOLITION LEGEND:

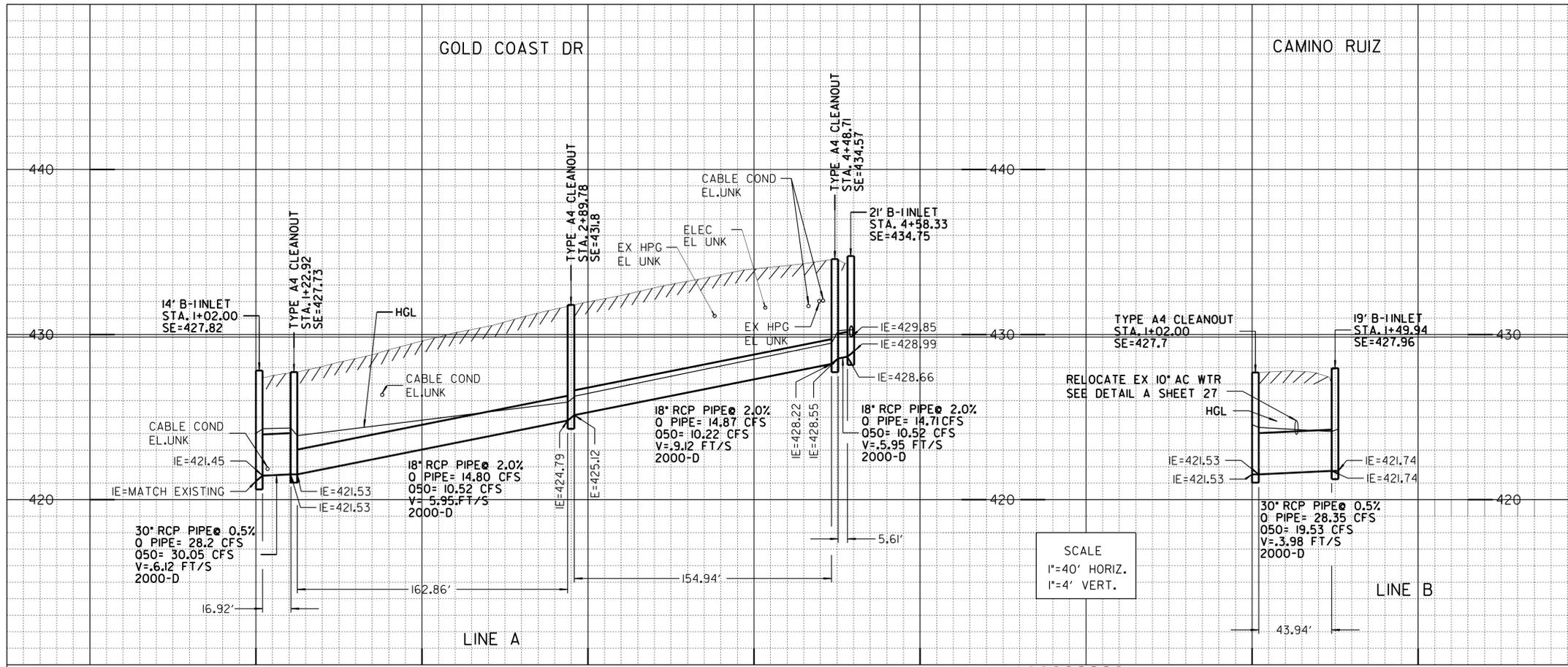
AREA TO BE DEMOLISHED

D-8

PLANS FOR THE CONSTRUCTION OF
STREET RECONSTRUCTION GROUP 1801
DEMOLITION PLAN
PARDALE AVE. - SITE 2

CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET 9 OF 49 SHEETS		WBS# B-17188
APPROVED: <i>[Signature]</i> FOR CITY ENGINEER DATE: 07/11/2022	DATE: 07/11/2022	SUBMITTED BY: CHUN YU CHAN PROJECT MANAGER
MUSTANEH ASHRAFFZADEH PRINT DCE NAME	81748 RCE#	PROJECT ENGINEER HOSSAI SHERZAI
DESCRIPTION	BY	APPROVED
ORIGINAL	HS/FJ	[Signature]
DATE	DATE	DATE
FILMED	FILMED	FILMED
ADDENDUM A	CC/FJ	[Signature]
DATE STARTED	DATE STARTED	DATE STARTED
DATE COMPLETED	DATE COMPLETED	DATE COMPLETED
CONTRACTOR		DATE STARTED
INSPECTOR		DATE COMPLETED
		41356-09-D





PRINCIPLE SETTING OUT LINE FOR Sheet 18 Line A

POINT CHAINAGE (ft)	NORTHING (ft)	EASTING (ft)	ELEMENT LENGTH (ft)	WCB (0° 00' 00")	(R=STARTING ANGLE) (R=END ANGLE)
POB 1+00.00	1910397.48	6286698.30			
PI1+02.00	1910397.46	6286700.30	2.00	S 89° 29' 22.03" E	STRAIGHT 2.00 S 89° 24' 26.70" E
PI1+04.00	1910395.46	6286700.28	2.00	S 0° 30' 29.78" W	STRAIGHT 2.00 S 89° 26' 12.79" E
PI1+20.92	1910378.64	6286702.08	16.92	S 6° 06' 42.00" E	STRAIGHT 2.00 S 89° 26' 26.58" E
PI1+22.92	1910376.65	6286702.30	2.00	S 6° 07' 07.49" E	STRAIGHT 2.00 N 0° 33' 33.42" E
PI1+24.92	1910376.86	6286704.28	2.00	N 83° 52' 52.51" E	STRAIGHT 2.00 N 0° 26' 30.39" E
PI2+87.78	1910375.52	6286867.14	162.86	S 89° 31' 41.78" E	STRAIGHT 2.00 N 0° 01' 17.91" E
PI2+89.78	1910375.50	6286869.14	2.00	S 89° 24' 26.70" E	STRAIGHT 2.00 N 0° 01' 17.91" E
					POE 4+60.33 1910385.42 6287029.30

PRINCIPLE SETTING OUT LINE FOR Sheet 18 Line B

POINT CHAINAGE (ft)	NORTHING (ft)	EASTING (ft)	ELEMENT LENGTH (ft)	WCB (0° 00' 00")	(R=STARTING ANGLE) (R=END ANGLE)
POB 1+00.00	1910378.63	6286702.09			
PI1+02.00	1910376.64	6286702.30	2.00	S 6° 07' 07.49" E	STRAIGHT 2.00 S 89° 24' 26.70" E
PI1+04.00	1910374.65	6286702.51	2.00	S 6° 07' 07.49" E	STRAIGHT 2.00 S 89° 26' 12.79" E
PI1+47.94	1910330.97	6286707.20	43.94	S 6° 07' 07.49" E	STRAIGHT 2.00 S 89° 26' 26.58" E
PI1+49.94	1910328.97	6286707.16	2.00	S 0° 52' 14.28" W	STRAIGHT 2.00 N 0° 26' 30.39" E
POE 1+51.94	1910326.97	6286707.13	2.00	S 0° 52' 14.27" W	STRAIGHT 2.00 N 0° 01' 17.91" E

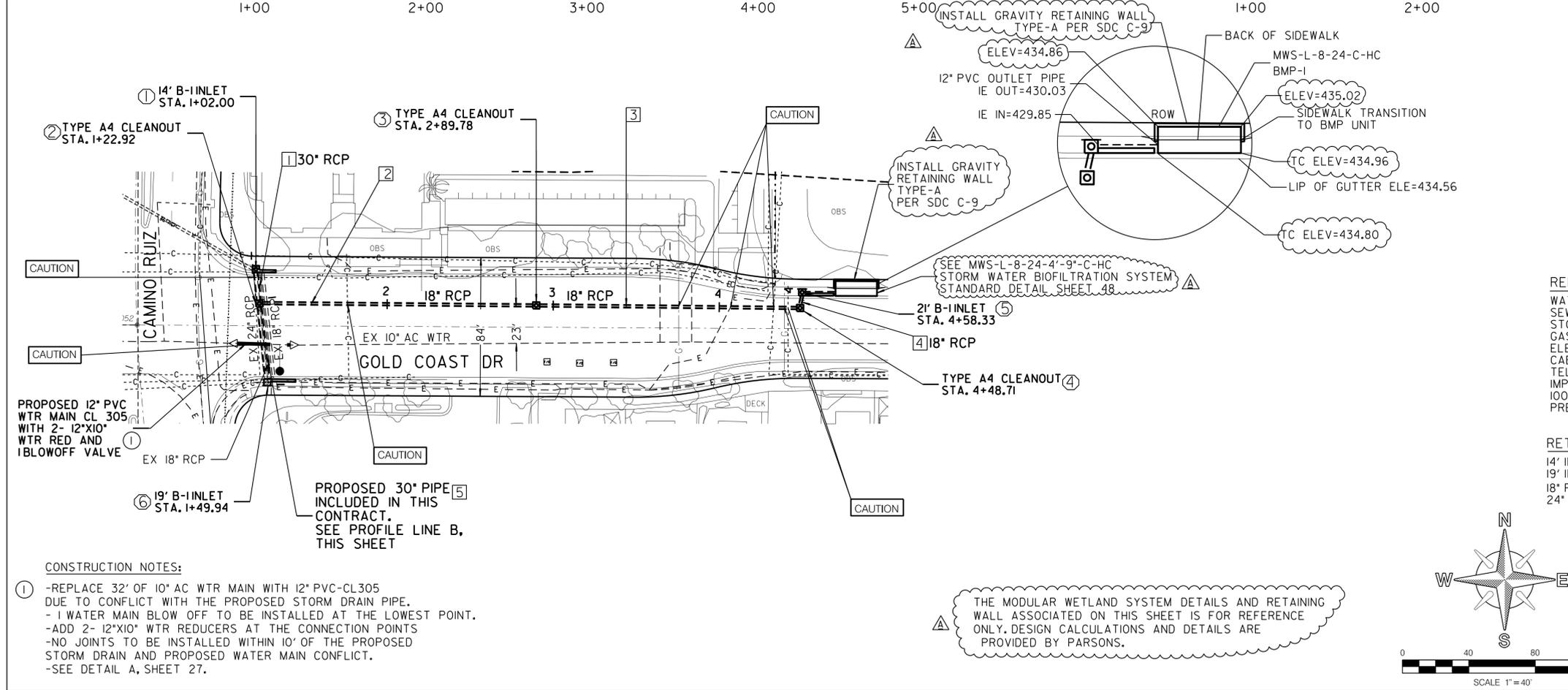
STRUCTURE DATA TABLE				
NO.	NORTHING	EASTING	LENGTH	REMARKS
①	1910397.46	6286700.30	--	REPLACE WITH 14" INLET TYPE B-I
②	1910376.65	6286702.30	--	PROPOSED A-4 CLEANOUT
③	1910375.50	6286869.14	--	PROPOSED A-4 CLEANOUT
④	1910373.94	6287028.07	--	PROPOSED A-4 CLEANOUT
⑤	1910383.42	6287029.30	--	PROPOSED 21" INLET TYPE B-I
⑥	1910328.97	6286707.16	--	REPLACE WITH 19" INLET TYPE B-I

STORM DRAIN DATA TABLE			
NO.	BEARING	LENGTH	REMARKS
1	S6° 7' 7" E	16.92'	30" RCP
2	S89° 31' 42" E	162.86'	18" RCP
3	S89° 26' 13" E	154.94'	18" RCP
4	S12° 26' 30" W	5.61'	18" RCP
5	S6° 7' 7" E	43.94'	30" RCP

COGO PT	NORTHING	EASTING	REMARKS
1801	1910395.48	6286698.281	① 14" INLET TYPE B-I
1802	1910395.355	6286712.281	
1803	1910330.07	6286705.197	⑥ 19" INLET TYPE B-I
1804	1910330.708	6286724.193	
1805	1910381.409	6287027.298	⑤ 21" INLET TYPE B-I
1806	1910381.407	6287048.298	
1807	1910381.234	6287049.386	MWS-L-8-24-C-HC BMP-I
1808	1910381.16	6287074.386	
1809	1910390.16	6287074.412	
1810	1910390.234	6287049.412	

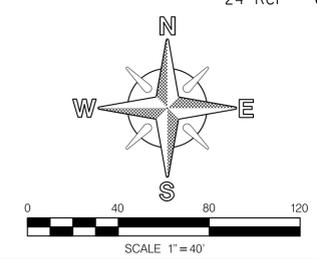
REFERENCE:
 WATER: 14177-7-D 14177-3-D
 SEWER: N/A
 STORM DRAIN: 14177-9-D 28278-10-D
 GAS: N/A
 ELECTRIC: N/A
 CABLE TV: 167471 CA
 TELEPHONE: 61801-A3
 IMPROVEMENTS: N/A
 100' SCALE/FIELD BOOK: H055
 PRESSURE ZONE: 625

RETIREMENTS:
 14" INLET TYPE B-I (4X8) - 1
 19" INLET TYPE B-I (4X8) - 1
 18" RCP - 130' - 2000'
 24" RCP - 68' - 1971'



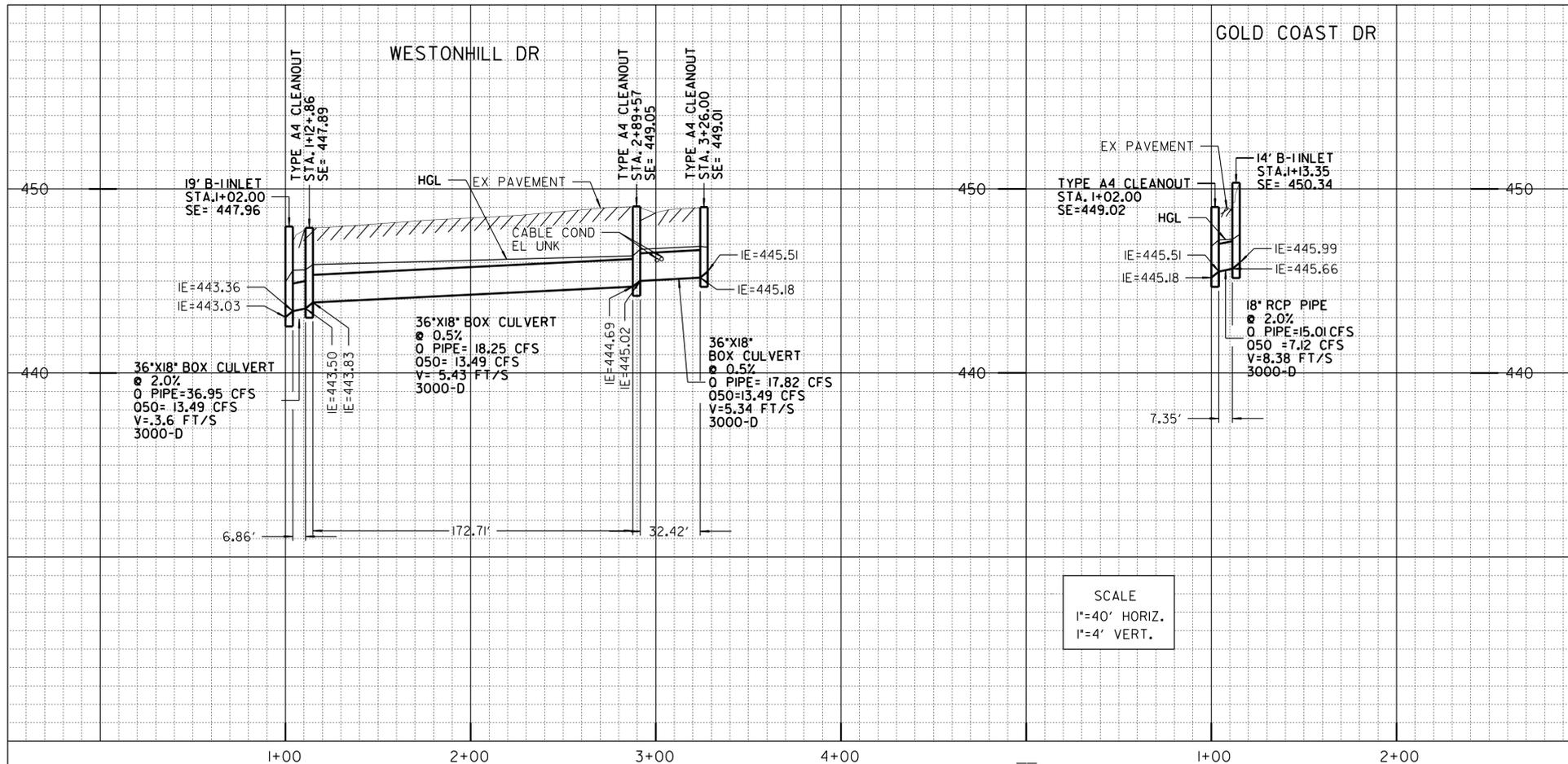
CONSTRUCTION NOTES:
 ① - REPLACE 32' OF 10" AC WTR MAIN WITH 12" PVC-CL305 DUE TO CONFLICT WITH THE PROPOSED STORM DRAIN PIPE.
 - 1 WATER MAIN BLOW OFF TO BE INSTALLED AT THE LOWEST POINT.
 - ADD 2- 12"x10" WTR REDUCERS AT THE CONNECTION POINTS
 - NO JOINTS TO BE INSTALLED WITHIN 10' OF THE PROPOSED STORM DRAIN AND PROPOSED WATER MAIN CONFLICT.
 - SEE DETAIL A, SHEET 27.

THE MODULAR WETLAND SYSTEM DETAILS AND RETAINING WALL ASSOCIATED ON THIS SHEET IS FOR REFERENCE ONLY. DESIGN CALCULATIONS AND DETAILS ARE PROVIDED BY PARSONS.



PLANS FOR CONSTRUCTION OF
 STREET RECONSTRUCTION GROUP 1801
 STORM DRAIN PLAN AND PROFILE
 GOLD COAST DR. - SITE 1

CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 18 OF 49 SHEETS		DRAINAGE WBS B-17188
APPROVED FOR CITY ENGINEER ELHAM LOTFI DATE 07/11/2022 PROJECT ENGINEER	DATE 07/11/2022 PROJECT MANAGER C91224	ISSUED BY IKHLASS SHAMLOUN PROJECT MANAGER
DESCRIPTION ORIGINAL	BY SA/AO	APPROVED [Signature]
DATE 7/11/22	FILED	268-1725
ADDENDUM A	CC/FJ	8/17/22
DATE STARTED	DATE COMPLETED	1908-6285
		CCS83 COORDINATE
CONTRACTOR INSPECTOR		41356-18-D



PRINCIPLE SETTING OUT LINE FOR Sheet 20 Line A

POINT CHAINAGE (ft)	NORTHING (ft)	EASTING (ft)	ELEMENT LENGTH (ft)	WCB (0° 00' 00")
PI1+02.00	1910672.74	6289897.09	2.00	N 89° 38' 00.61" W
PI1+04.00	1910672.75	6289895.09	2.00	N 89° 38' 00.61" W
PI1+08.66	1910670.57	6289888.59	6.86	S 71° 24' 16.32" W
PI1+10.86	1910670.58	6289886.59	2.00	N 89° 32' 42.67" W
PI1+12.86	1910670.58	6289886.59	2.00	S 0° 27' 17.33" W
PI1+14.86	1910668.58	6289886.57	172.71	S 1° 07' 58.18" E
PI2+87.57	1910495.90	6289889.98	2.00	S 0° 27' 17.33" W
PI2+89.57	1910493.90	6289889.97	2.00	S 89° 32' 42.67" E
PI2+91.57	1910493.89	6289891.97	32.42	S 86° 34' 32.66" E
PI3+24.00	1910491.95	6289924.34	2.00	S 83° 48' 36.10" E
PI3+26.00	1910491.74	6289926.32	2.00	S 83° 48' 36.10" E
PI3+28.00	1910491.52	6289928.31	51.15	S 81° 42' 21.90" E
PI3+79.14	1910484.14	6289978.93		SEE SHEET 21

PRINCIPLE SETTING OUT LINE FOR Sheet 20 Line B

POINT CHAINAGE (ft)	NORTHING (ft)	EASTING (ft)	ELEMENT LENGTH (ft)	WCB (0° 00' 00")
PI1+02.00	1910491.74	6289926.32	2.00	N 6° 11' 23.90" E
PI1+04.00	1910493.72	6289926.54	2.00	N 6° 11' 23.90" E
PI1+10.86	1910501.05	6289927.14	7.35	N 4° 43' 04.40" E
PI1+13.35	1910503.04	6289927.39	2.00	N 6° 58' 22.11" E
POE 1+15.35	1910505.02	6289927.63		

STRUCTURE DATA TABLE

NO.	NORTHING	EASTING	LENGTH	REMARKS
①	1910672.74	6289897.09	--	REPLACE WITH 19" INLET TYPE B-1
②	1910670.58	6289886.59	--	PROPOSED A-4 CLEANOUT
③	1910495.90	6289889.98	--	PROPOSED A-4 CLEANOUT
④	1910491.74	6289926.32	--	PROPOSED A-4 CLEANOUT
⑤	1910503.04	6289927.39	--	REPLACE WITH 14" INLET TYPE B-1

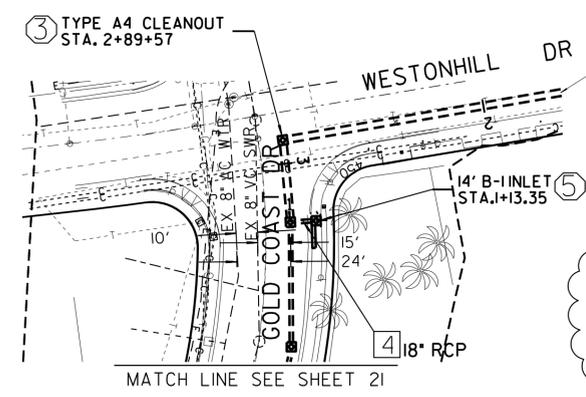
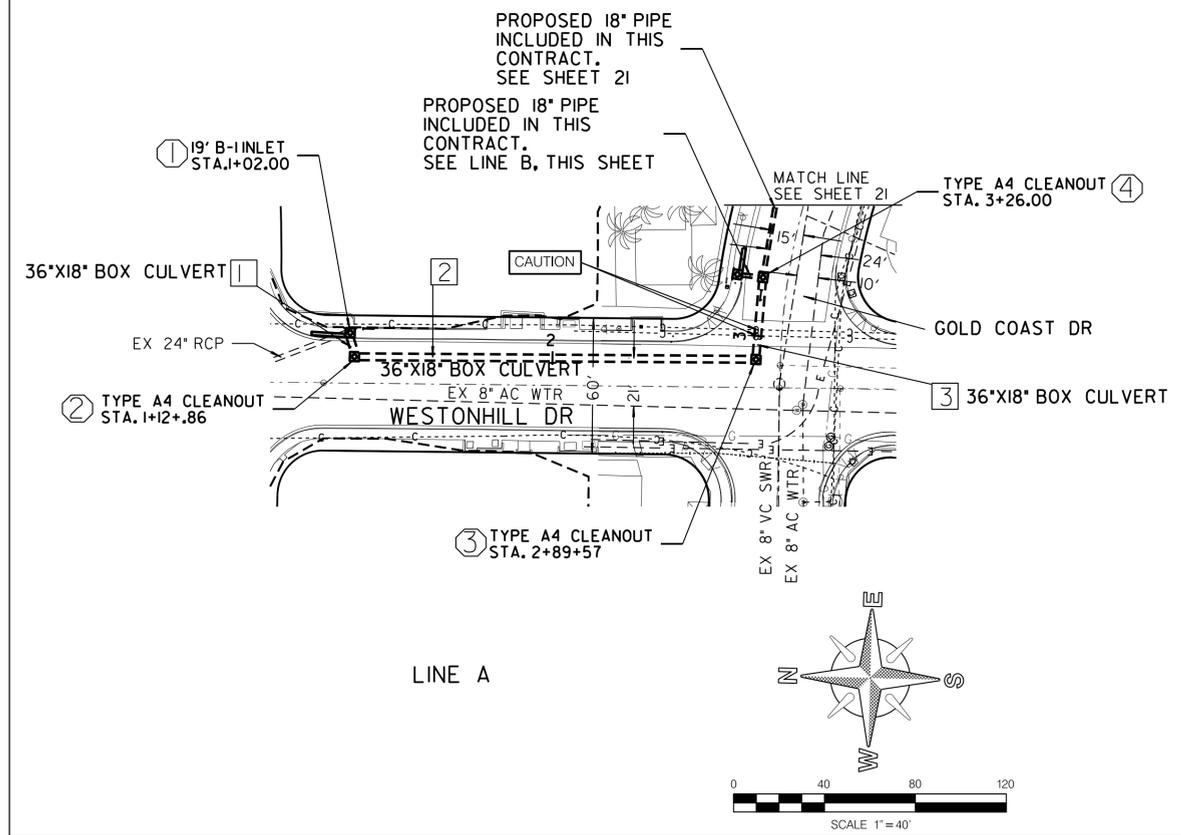
STORM DRAIN DATA TABLE

NO.	BEARING	LENGTH	REMARKS
①	N71° 24' 16" E	6.86'	36"x18" BOX CULVERT
②	N1° 7' 58" W	172.71'	36"x18" BOX CULVERT
③	S86° 34' 33" E	32.42'	36"x18" BOX CULVERT
④	S4° 43' 4" W	7.35'	18" RCP

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

REFERENCE:
WATER: 14005-2-D 14925-3-D
SEWER: 14925-3-D
STORM DRAIN: 14005-2-D 14005-9-D
GAS: N/A
ELECTRIC: N/A
CABLE TV: 167471 CA
TELEPHONE: 61801-A5
IMPROVEMENTS: N/A
100' SCALE/FIELD BOOK: H045
PRESSURE ZONE: 625

RETIREMENTS:
19" INLET TYPE B-2 -(4X4) - 1



PROPOSED 36"x18" BOX CULVERT INCLUDED IN THIS CONTRACT. SEE LINE A, THIS SHEET

COGO PT	NORTHING	EASTING	REMARKS
2001	1910689.745	6289895.603	① 19" INLET TYPE B-1
2002	1910670.753	6289895.075	
2003	1910501.294	6289925.158	⑤ 14" INLET TYPE B-1
2004	1910499.594	6289939.055	

C-11

PLANS FOR CONSTRUCTION OF
STREET RECONSTRUCTION GROUP 1801
STORM DRAIN PLAN AND PROFILE
GOLD COAST DR. - SITE 1

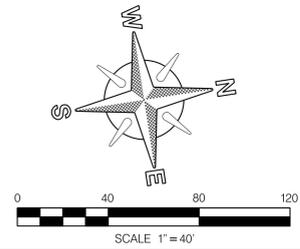
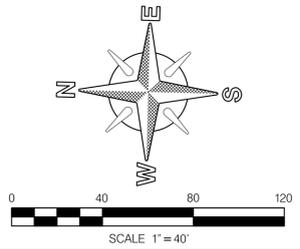
CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING AND CAPITAL PROJECTS DEPARTMENT
SHEET 20 OF 49 SHEETS

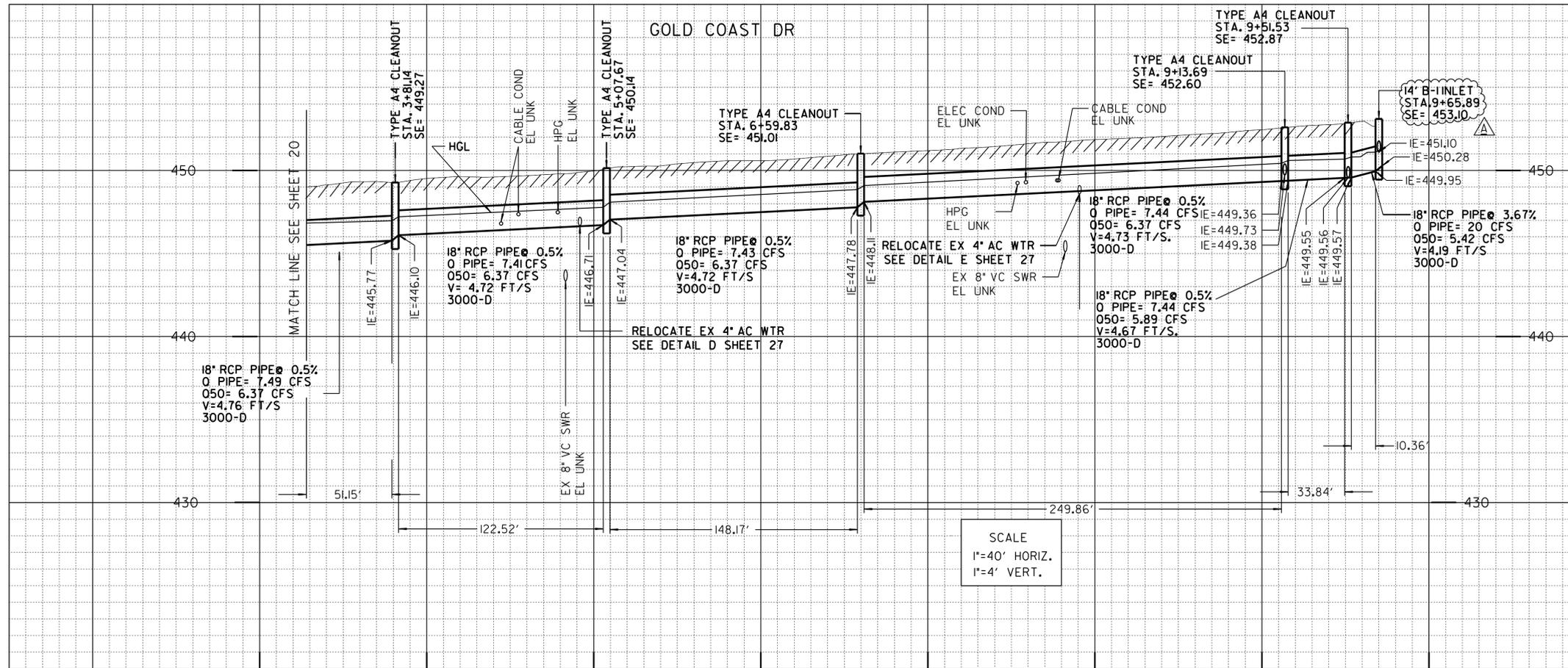
APPROVED: *[Signature]* DATE: 07/11/2022
FOR CITY ENGINEER: ELHAM LOTFI PROJECT MANAGER: KHLASS SHAMOUN
PRINTED NAME: DATE: C91224
PROJECT ENGINEER: SAMER ALSHAMI

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	SA/AO	<i>[Signature]</i>	7/11/22	
ADDENDUM A	CC/FJ	<i>[Signature]</i>	8/17/22	

CONTRACTOR: _____ DATE STARTED: _____
INSPECTOR: _____ DATE COMPLETED: _____

41356-20-D





PRINCIPLE SETTING OUT LINE FOR Sheet 20 Line A

POINT CHAINAGE (ft) NORTHING (ft)
EASTING (ft) ELEMENT LENGTH (ft) WCB (0' 00' 00")
(STRAIGHT) WCB (0' 00' 00")
(R-STARTING ANGLE) (R-END ANGLE)

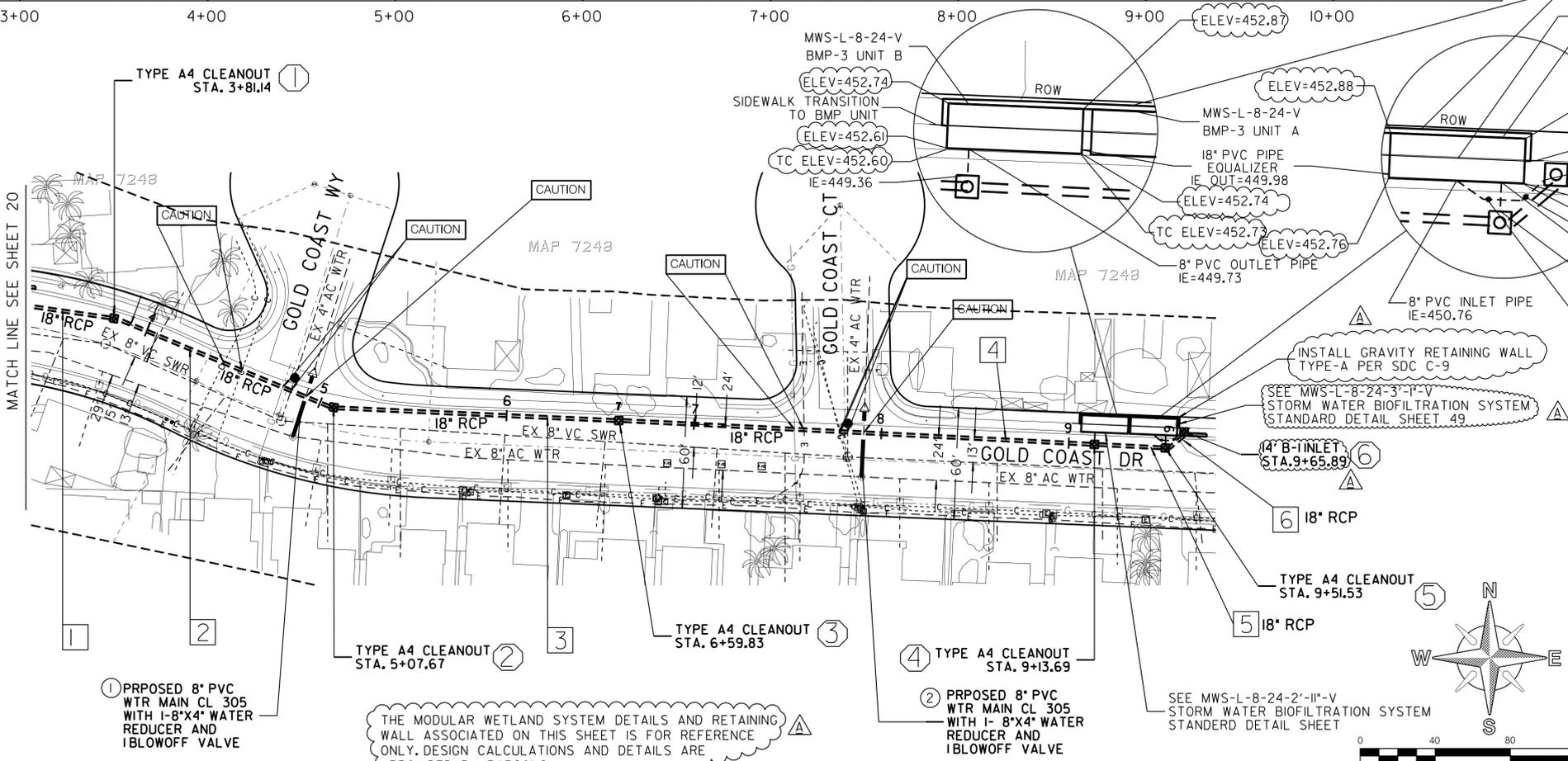
PI 3+28.00	1910491.52	6289928.31	SEE SHEET 20	PI 9+11.69	1910416.41	6290501.52	
	STRAIGHT	51.15	S 81° 42' 21.90" E		STRAIGHT	2.00	S 87° 53' 44.22" E
PI 3+79.14	1910484.14	6289978.93		PI 9+13.69	1910416.34	6290503.52	
	STRAIGHT	2.00	S 81° 07' 33.13" E		STRAIGHT	2.00	S 87° 53' 44.22" E
PI 3+81.14	1910483.83	6289980.90		PI 9+15.69	1910416.27	6290505.52	
	STRAIGHT	2.00	S 81° 07' 33.13" E		STRAIGHT	33.84	S 87° 02' 16.34" E
PI 3+83.14	1910483.53	6289982.88		PI 9+49.53	1910414.52	6290539.31	
	STRAIGHT	2.00	S 81° 07' 33.13" E		STRAIGHT	2.00	S 87° 15' 37.60" E
PI 5+05.67	1910436.51	6290096.02		PI 9+51.53	1910414.42	6290541.31	
	STRAIGHT	2.00	S 81° 07' 33.13" E		STRAIGHT	2.00	S 87° 15' 37.60" E
PI 5+07.67	1910436.20	6290098.00		PI 9+53.53	1910414.33	6290543.31	
	STRAIGHT	2.00	S 81° 07' 33.13" E		STRAIGHT	10.36	N 49° 49' 04" E
PI 5+09.67	1910435.89	6290099.97		PI 9+63.89	1910421.01	6290551.22	
	STRAIGHT	148.17	S 87° 23' 00.63" E		STRAIGHT	2.00	N 2° 24' 49" E
PI 6+57.83	1910429.13	6290247.99		PI 9+65.89	1910423.01	6290551.31	
	STRAIGHT	2.00	S 89° 38' 00.61" E		STRAIGHT	2.00	N 2° 24' 49" E
PI 6+59.83	1910429.12	6290249.99		POE 9+67.89	1910425.01	6290551.39	
	STRAIGHT	249.86	S 87° 05' 18.82" E				

NO.	NORTHING	EASTING	LENGTH	REMARKS
①	1910483.83	6289980.90	--	PROPOSED A-4 CLEANOUT
②	1910436.20	6290098.00	--	PROPOSED A-4 CLEANOUT
③	1910429.12	6290249.99	--	PROPOSED A-4 CLEANOUT
④	1910416.34	6290503.52	--	PROPOSED A-4 CLEANOUT
⑤	1910414.42	6290541.31	--	PROPOSED A-4 CLEANOUT
⑥	1910423.01	6290551.31	--	PROPOSED 14" INLET TYPE B-I

NO.	BEARING	LENGTH	REMARKS
①	N81° 42' 22" W	51.15'	18" RCP
②	N67° 26' 7" W	122.52'	18" RCP
③	N87° 23' 1" W	148.17'	18" RCP
④	S87° 5' 18" E	249.86'	18" RCP
⑤	S87° 02' 16" E	33.84'	18" RCP
⑥	N49° 49' 04" E	10.36'	18" RCP

CONSTRUCTION NOTES:

- REPLACE 34' OF 4" AC WTR MAIN WITH 8" PVC-CL 305 DUE TO CONFLICT WITH THE PROPOSED STORM DRAIN PIPE.
-THE REPLACED WATER MAIN WILL CONNECT WITH THE EXISTING SYSTEM AT THE T INTERSECTION SOUTH OF THE STORM DRAIN AND WATER CONFLICT
-I WATER MAIN BLOW OFF TO BE INSTALLED AT THE LOWEST POINT.
-ADD 1- 8"x4" REDUCERS AT THE CONNECTION POINT
-NO JOINTS TO BE INSTALLED WITHIN 10' OF THE PROPOSED STORM DRAIN AND PROPOSED WATER MAIN CONFLICT
- REPLACE 35' OF 4" AC WTR MAIN WITH 8" PVC-CL 305 DUE TO CONFLICT WITH THE PROPOSED STORM DRAIN PIPE.
-THE REPLACED WATER MAIN WILL CONNECT WITH THE EXISTING SYSTEM AT THE T INTERSECTION SOUTH OF THE STORM DRAIN AND WATER CONFLICT
-I WATER MAIN BLOW OFF TO BE INSTALLED AT THE LOWEST POINT.
-ADD 1- 8"x4" REDUCER AT THE CONNECTION POINT
-NO JOINTS TO BE INSTALLED WITHIN 10' OF THE PROPOSED STORM DRAIN AND PROPOSED WATER MAIN CONFLICT
- PROPOSED 8" PVC WTR MAIN CL 305 WITH 1- 8"x4" WATER REDUCER AND 1 BLOWOFF VALVE



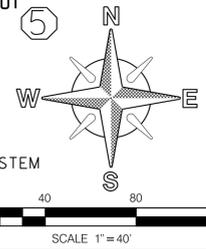
COGO PT	NORTHING	EASTING	REMARKS
2101	1910421.095	6290549.224	⑥ 14" INLET
2102	1910420.505	6290563.212	TYPE B-I
2103	1910423.116	6290496.41	MWS-L-8-24-V
2104	1910422.065	6290521.388	BMP-3 UNIT A
2105	1910432.108	6290496.788	
2106	1910431.057	6290521.766	
2107	1910422.051	6290522.511	MWS-L-8-24-V
2108	1910421.001	6290547.489	BMP-3 UNIT B
2109	1910430.006	6290547.868	
2110	1910431.043	6290522.889	

REFERENCE:
 WATER: 14925-3-D
 15075-3-D, 15075-7-D
 SEWER: 14925-3-D
 STORM DRAIN: N/A
 GAS: N/A
 ELECTRIC: N/A
 CABLE TV: 167471 CA
 TELEPHONE: 61801-A5
 IMPROVEMENTS: N/A
 100' SCALE/FIELD BOOK: H055
 PRESSURE ZONE: 625

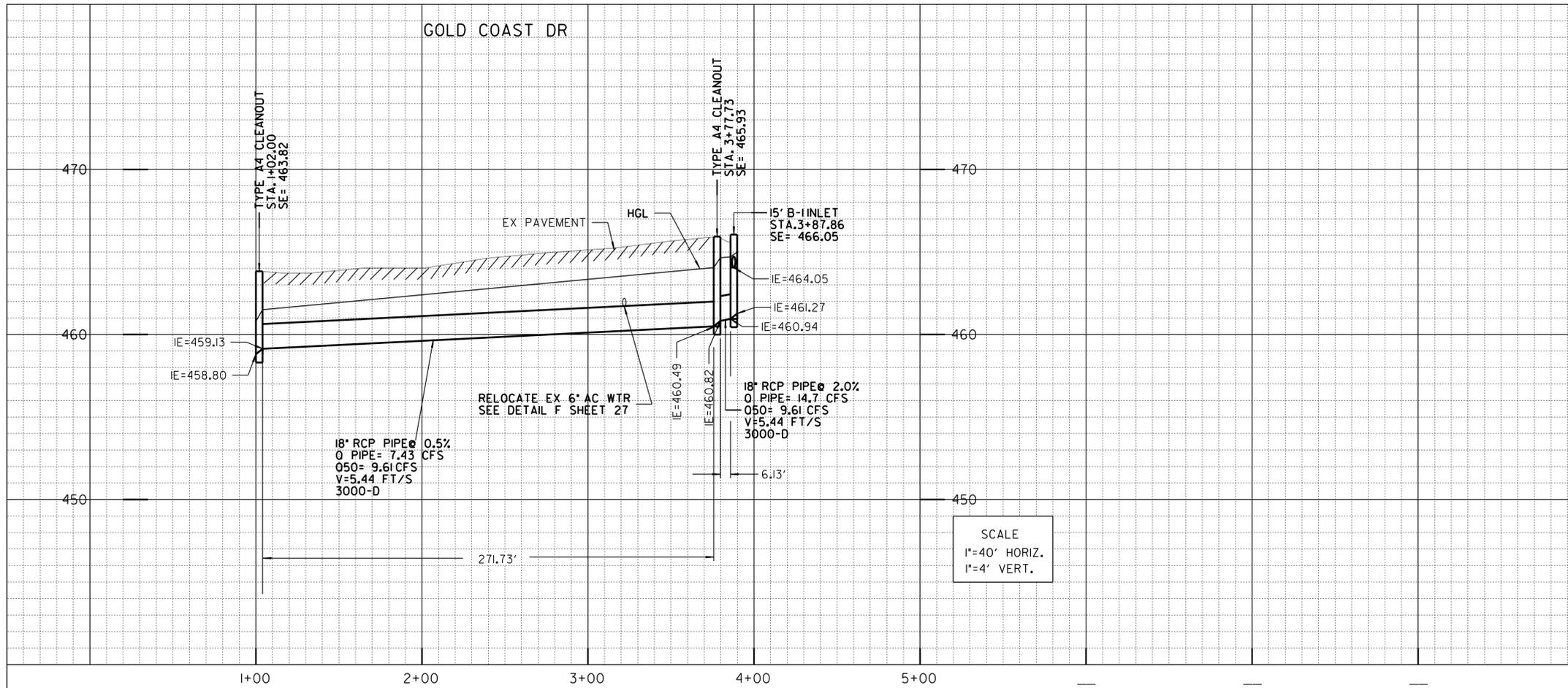
RETIREMENTS:
N/A

PLANS FOR CONSTRUCTION OF
 STREET RECONSTRUCTION GROUP 1801
 STORM DRAIN PLAN AND PROFILE
 GOLD COAST DR. - SITE 1

CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 21 OF 49 SHEETS		DRAINAGE WBS B-17188
APPROVED FOR CITY ENGINEER ELHAM LOTFI PRINTED NAME	DATE 07/11/2022 C91224	DESIGNED BY IKHLASS SHAMOUN PROJECT MANAGER
DESCRIPTION ORIGINAL	BY SA/AO	DATE 7/11/22
ADDENDUM A	CC/FJ	8/17/22
CONTRACTOR INSPECTOR		DATE STARTED DATE COMPLETED
		41356-21-D



THE MODULAR WETLAND SYSTEM DETAILS AND RETAINING WALL ASSOCIATED ON THIS SHEET IS FOR REFERENCE ONLY. DESIGN CALCULATIONS AND DETAILS ARE PROVIDED BY PARSONS.



PRINCIPLE SETTING OUT LINE FOR Sheet 22 NEW

POINT CHAINAGE (ft) NORTHING (ft)
EASTING (ft) ELEMENT LENGTH (ft) WCB (0° 00' 00")
(STRAIGHT) WCB (0° 00' 00")
(R=STARTING ANGLE) (R=END ANGLE)
POB 1+00.00 1910373.03 6291483.25
STRAIGHT 2.00 N 30° 10' 08.01" E
PI 1+02.00 1910374.76 6291484.26
STRAIGHT 2.00 S 59° 49' 51.99" E
PI 1+04.00 1910373.76 6291485.99
STRAIGHT 271.73 S 87° 39' 10" E
PI 3+75.73 1910362.63 6291757.49
STRAIGHT 2.00 S 88° 06' 23.62" E
PI 3+77.73 1910362.56 6291759.49
STRAIGHT 2.00 N 1° 53' 36.38" E
PI 3+79.73 1910364.56 6291759.55
STRAIGHT 6.13 N 2° 08' 32.54" E
PI 3+85.86 1910370.69 6291759.78
STRAIGHT 2.00 N 1° 53' 36.38" E
PI 3+87.86 1910372.68 6291759.85
STRAIGHT 2.00 N 1° 53' 36.38" E
POE 3+89.86 1910374.68 6291759.92

STRUCTURE DATA TABLE				
NO.	NORTHING	EASTING	LENGTH	REMARKS
①	1910374.76	6291484.26	—	PROPOSED A-4 CLEANOUT
②	1910362.56	6291759.49	—	PROPOSED A-4 CLEANOUT
③	1910372.68	6291759.85	—	PROPOSED 15' INLET TYPE B-I
④	1910384.26	6291487.94	—	REPLACE WITH 13' INLET TYPE B-I

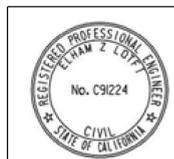
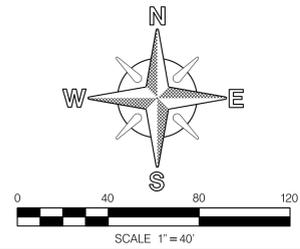
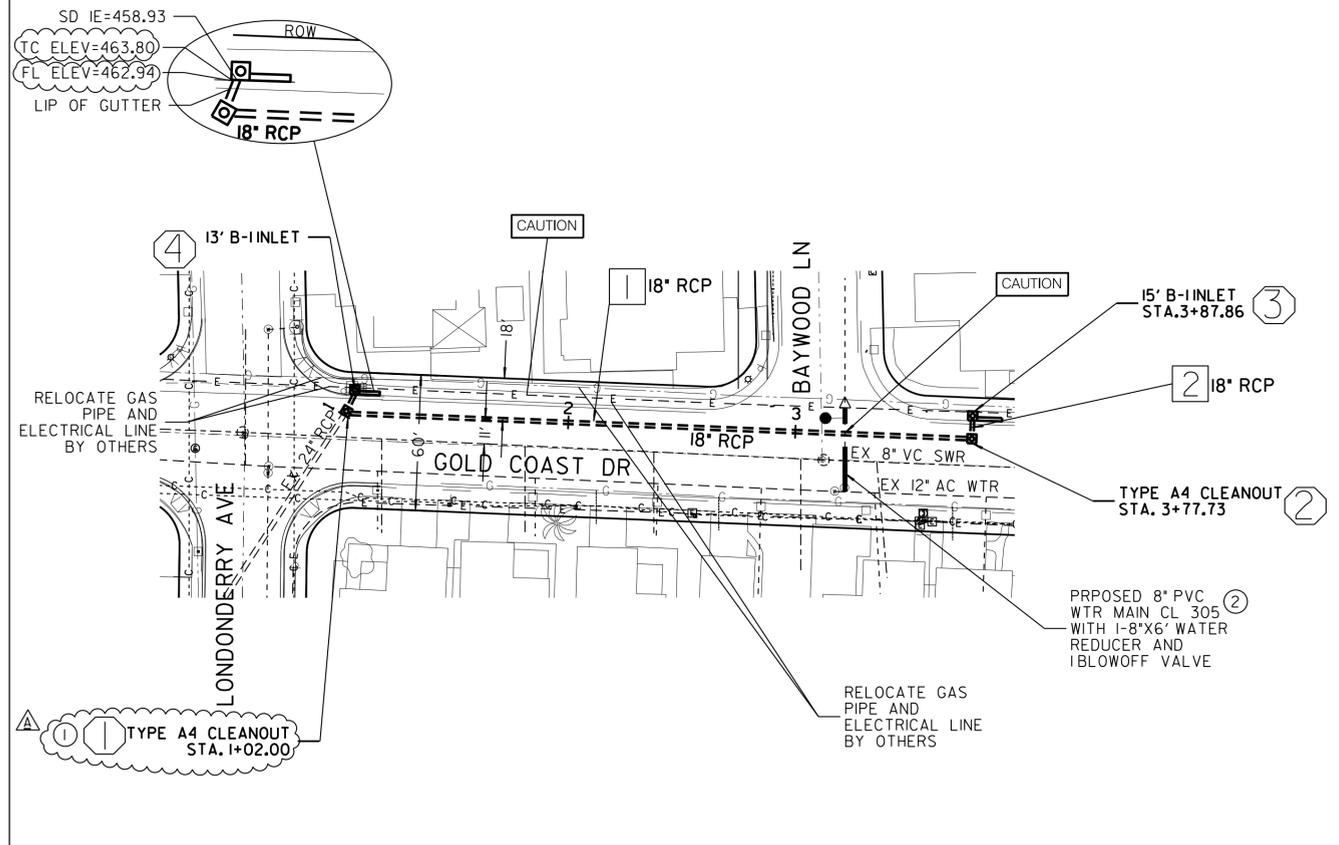
STORM DRAIN DATA TABLE			
NO.	BEARING	LENGTH	REMARKS
①	S87° 39' 59" E	271.73'	18" RCP
②	S2° 8' 33" W	6.13'	18" RCP

COGO PT	NORTHING	EASTING	REMARKS
2201	1910382.331	6291485.878	④ 13' INLET TYPE B-I
2202	1910381.897	6291498.87	
2203	1910370.752	6291757.784	③ 15' INLET TYPE B-I
2204	1910370.257	6291772.776	

REFERENCE:
 WATER: 16053-2-D 14043-14-D
 SEWER: 14043-6-D 14043-14-D
 STORM DRAIN: 16053-2-D
 GAS: N/A
 ELECTRIC: N/A
 CABLE TV: 167471 CA
 TELEPHONE: 61801-A7
 IMPROVEMENTS: N/A
 100' SCALE/FIELD BOOK: H055
 PRESSURE ZONE: 625

RETIREMENTS:
 9' INLET TYPE B-I (4X4) - 1

- CONSTRUCTION NOTES:
- CONNECT TO EX 24" SD, CONTRACTOR TO VERIFY THE LOCATION AND ELEVATION OF THE EXISTING STORM DRAIN PIPE AND TIE INTO.
 - REPLACE 37' OF 6" AC WTR MAIN WITH 8" PVC-CL 305 DUE TO CONFLICT WITH THE PROPOSED STORM DRAIN PIPE.
 -THE REPLACED WATER MAIN WILL CONNECT WITH THE EXISTING SYSTEM AT THE T INTERSECTION SOUTH OF THE STORM DRAIN AND WATER CONFLICT
 -WATER MAIN BLOW OFF TO BE INSTALLED AT THE LOWEST POINT.
 -ADD 1-8"x4" REDUCER AT THE CONNECTION POINT
 -NO JOINTS TO BE INSTALLED WITHIN 10' OF THE PROPPSED STORM DRAIN AND PROPOSED WATER MAIN CONFLICT.
 -NO JOINTS TO BE INSTALLED WITHIN 10' OF THE SEWER AND PROPOSED WATER MAIN CONFLICT
 -SEE DETAIL F, SHEET 27



PLANS FOR CONSTRUCTION OF
 STREET RECONSTRUCTION GROUP 1801
 STORM DRAIN PLAN AND PROFILE
 GOLD COAST DR. - SITE 1

CITY OF SAN DIEGO, CALIFORNIA
 ENGINEERING AND CAPITAL PROJECTS DEPARTMENT
 SHEET 22 OF 49 SHEETS

APPROVED: 07/11/2022
 FOR CITY ENGINEER: ELHAM LOTFI
 DATE: C91224
 PRINTED NAME: RCE#

DRAINAGE WBS: B-17188

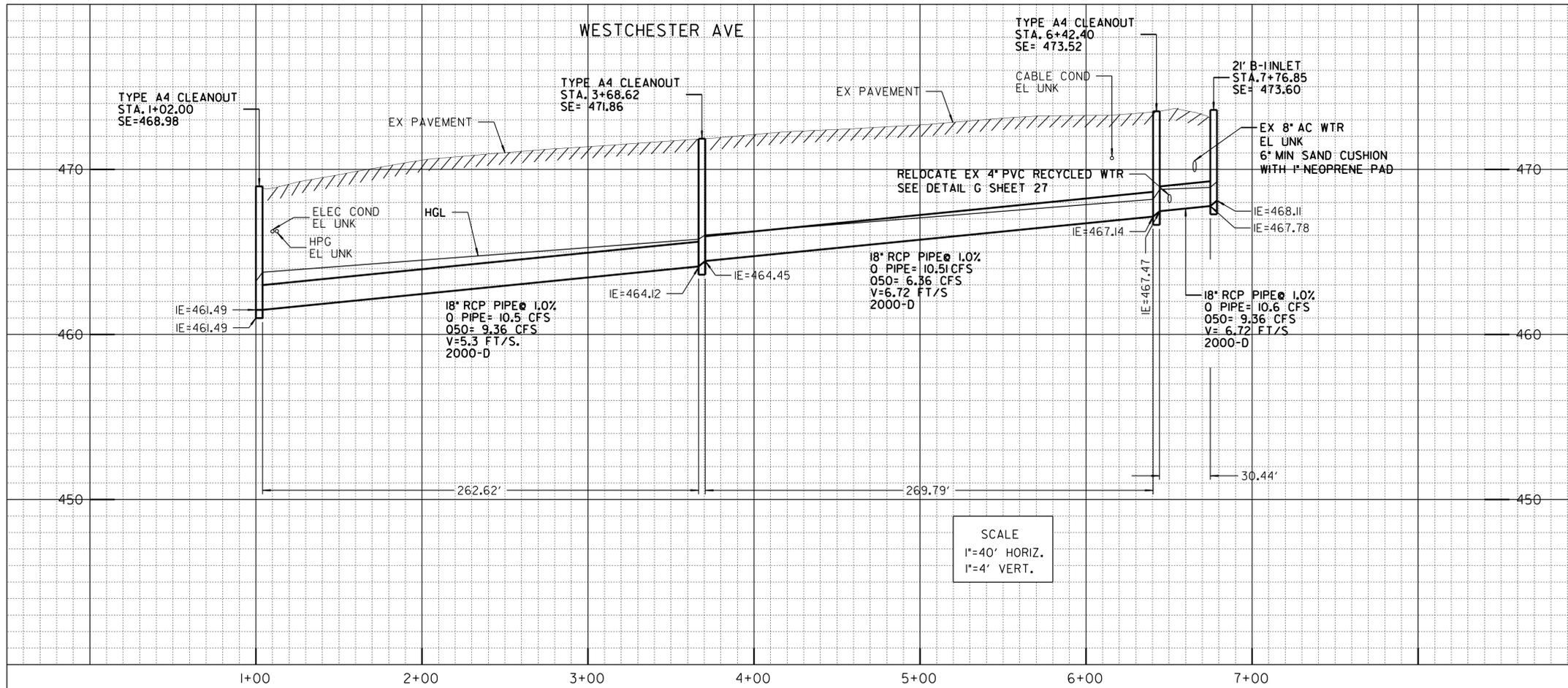
SUBMITTED BY: IKHLASS SHAMOLUN
 PROJECT MANAGER

ORDERED BY: SAMER ALSHAMI
 PROJECT ENGINEER

DESCRIPTION	SA/AO	APPROVED	DATE	FILMED
ORIGINAL			7/11/22	
ADDENDUM A	CC/FJ		8/17/22	

CONTRACTOR: 41356-22-D
 INSPECTOR: DATE STARTED: DATE COMPLETED:

STORM DRAIN PLAN



PRINCIPLE SETTING OUT LINE FOR Sheet 23

POINT CHAINAGE (ft) NORTHING (ft) EASTING (ft) ELEMENT LENGTH (ft) WCB (0° 00' 00") (STRAIGHT) WCB (0° 00' 00") (R=STARTING ANGLE) (R=END ANGLE)

POB 1+00.00	1910340.50	6292441.03	STRAIGHT 2.00	S 87° 30' 01.86" E
PI1+02.00	1910340.41	6292443.03	STRAIGHT 2.00	N 2° 29' 58.14" E
PI1+04.00	1910342.41	6292443.12	STRAIGHT 262.62	N 0° 29' 47.74" W
PI3+66.62	1910605.02	6292440.84	STRAIGHT 2.00	N 0° 56' 57.09" W
PI3+68.62	1910607.02	6292440.81	STRAIGHT 2.00	N 0° 56' 57.09" W
PI3+70.62	1910609.02	6292440.77	STRAIGHT 269.79	N 0° 46' 59.20" W
PI6+40.40	1910878.78	6292437.09	STRAIGHT 2.00	N 0° 56' 57.09" W
PI6+42.40	1910880.78	6292437.05	STRAIGHT 2.00	N 89° 03' 02.91" E
PI6+44.40	1910880.81	6292439.05	STRAIGHT 30.44	N 80° 39' 27.77" E
PI6+74.85	1910885.75	6292469.09	STRAIGHT 2.00	N 89° 03' 02.91" E
PI6+76.85	1910885.79	6292471.09	STRAIGHT 2.00	N 89° 03' 02.91" E
POE 6+78.85	1910885.82	6292473.09		

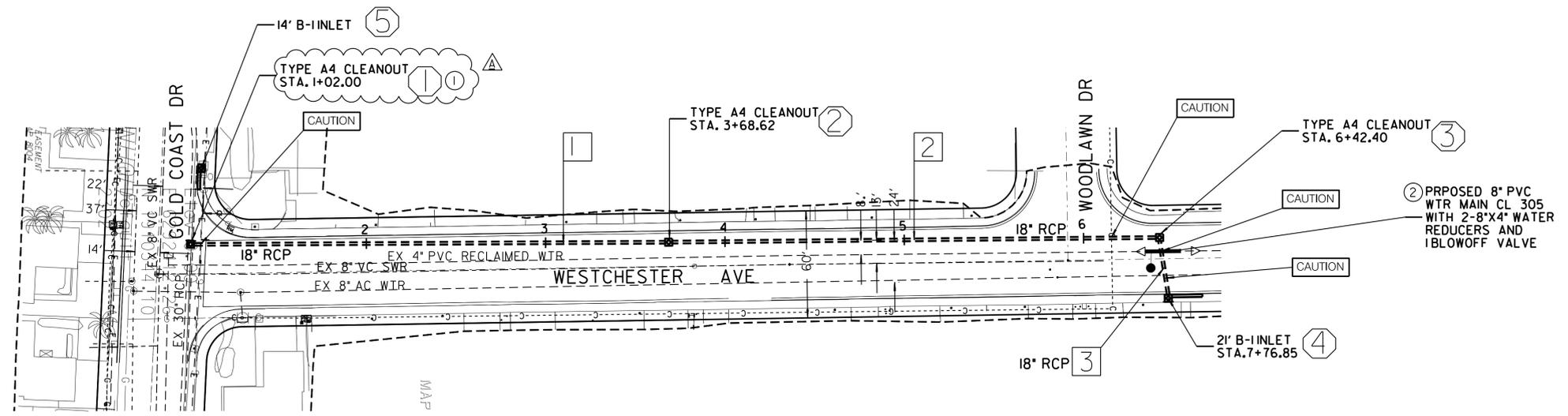
STRUCTURE DATA TABLE

NO.	NORTHING	EASTING	LENGTH	REMARKS
①	1910340.41	6292443.03	—	PROPOSED A-4 CLEANOUT
②	1910607.02	6292440.81	—	PROPOSED A-4 CLEANOUT
③	1910880.78	6292437.05	—	PROPOSED A-4 CLEANOUT
④	1910885.79	6292471.09	—	PROPOSED 21' INLET TYPE B-1
⑤	1910346.31	6292400.35	—	REPLACE WITH 14' INLET TYPE B-1

STORM DRAIN DATA TABLE

NO.	BEARING	LENGTH	REMARKS
①	N0° 29' 48" W	262.62'	18" RCP
②	S0° 46' 59" E	269.79'	18" RCP
③	S80° 39' 28" W	30.44'	18" RCP

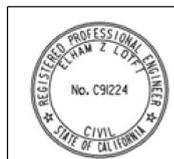
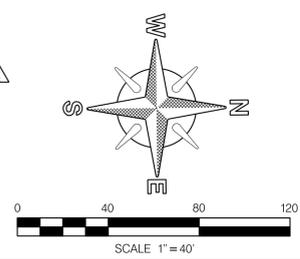
COGO PT	NORTHING	EASTING	REMARKS
2301	1910344.415	6292398.262	⑤ 14' INLET TYPE B-1
2302	1910344.1	6292412.26	
2303	1910883.753	6292469.127	④ 21' INLET TYPE B-1
2304	1910904.75	6292468.779	



REFERENCE:
 WATER: 14043-19-D 16053-3-D 16053-3-D 27941-23-D
 SEWER: 14043-6-D 16053-3-D 14043-19-D
 STORM DRAIN: 14043-6-D
 GAS: N/A
 ELECTRIC: N/A
 CABLE TV: 167471CA
 TELEPHONE: 61801-A7
 IMPROVEMENTS: N/A
 100' SCALE/FIELD BOOK: 104S-105S
 PRESSURE ZONE: 625

RETIREMENTS:
 9' INLET TYPE B-1(4X4) - 1

- CONSTRUCTION NOTES:
- ① -CONNECT TO EX 30" SD, CONTRACTOR TO VERIFY THE LOCATION AND ELEVATION OF THE EXISTING STORM DRAIN PIPE TO TIE INTO.
 - ② -REPLACE 26' OF 4" PVC RECYCLED WTR MAIN WITH 8" PVC-CL 305 DUE TO CONFLICT WITH THE PROPOSED STORM DRAIN PIPE.
 -1 WATER MAIN BLOW OFF TO BE INSTALLED AT THE LOWEST POINT.
 -ADD 2-8"x4" REDUCERS AT THE CONNECTION POINTS
 -NO JOINTS TO BE INSTALLED WITHIN 10' OF THE PROPOSED STORM DRAIN AND PROPOSED WATER MAIN CONFLICT.
 -SEE DETAIL G, SHEET 27



PLANS FOR CONSTRUCTION OF
 STREET RECONSTRUCTION GROUP 1801
 STORM DRAIN PLAN AND PROFILE
 GOLD COAST DR. - SITE 1

CITY OF SAN DIEGO, CALIFORNIA
 ENGINEERING AND CAPITAL PROJECTS DEPARTMENT
 SHEET 23 OF 49 SHEETS

APPROVED: 07/11/2022
 FOR CITY ENGINEER: ELHAM LOTFI
 DATE: 07/11/22
 PROJECT NUMBER: C91224

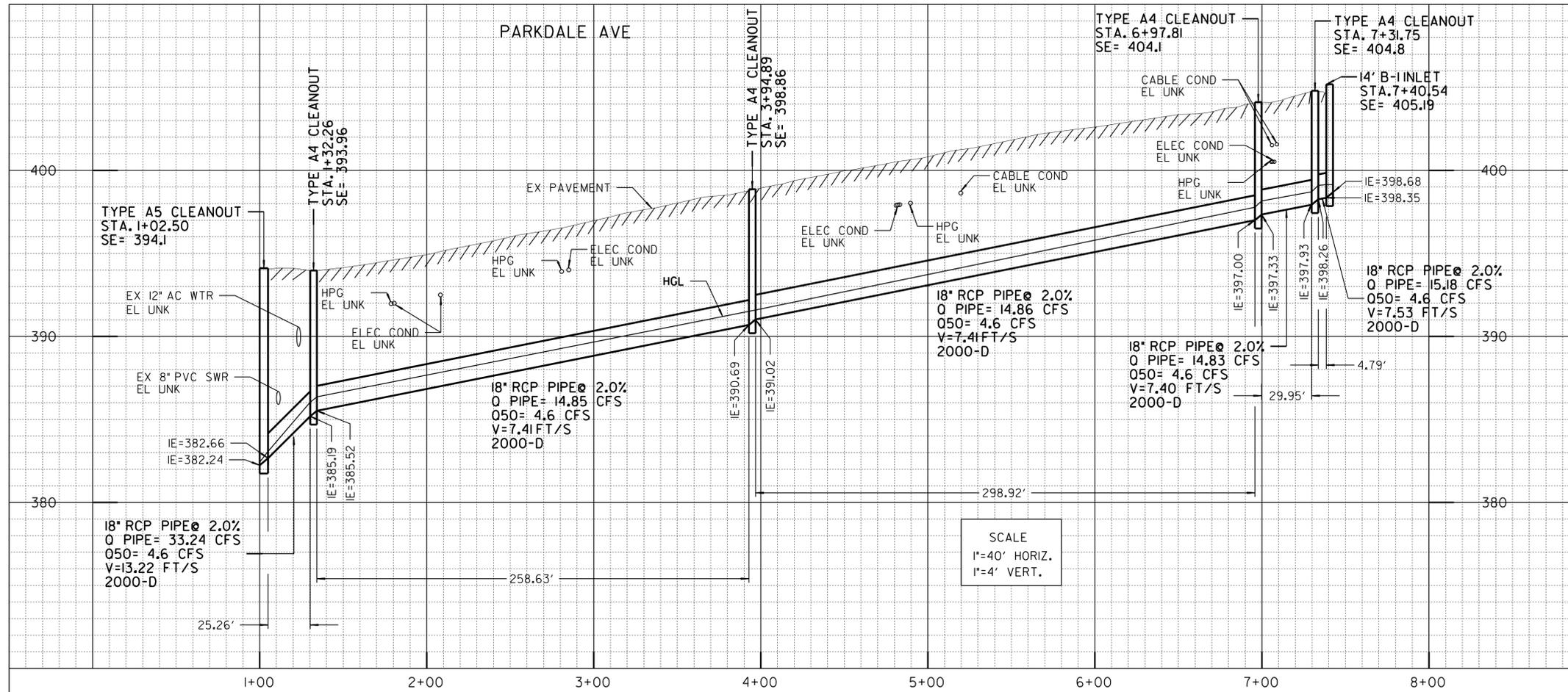
DESIGNED BY: SAMER ALSHAMI
 PROJECT ENGINEER

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	SA/AO	[Signature]	7/11/22	
ADDENDUM A	CC/FJ	[Signature]	8/17/22	

CONTRACTOR: _____ DATE STARTED: _____
 INSPECTOR: _____ DATE COMPLETED: _____

DRAINAGE WBS: B-17188
 PROJECT MANAGER: IKHLASS SHAMOUN
 PROJECT ENGINEER: SAMER ALSHAMI
 CCS27 COORDINATE: 270-1731 268-1731
 CCS83 COORDINATE: 1910-6291 1908-6291
 41356-23-D

STORM DRAIN PLAN



PRINCIPLE SETTING OUT LINE FOR Sheet 24

POINT CHAINAGE (ft) NORTHING (ft)
 EASTING (ft) ELEMENT LENGTH (ft) WCB (0° 00' 00")
 (STRAIGHT) WCB (0° 00' 00")
 (R-STARTING ANGLE) (R-END ANGLE)
 POB 1+00.00 1909850.07 6283518.44
 PII+02.50 1909850.15 6283520.93
 PII+05.00 1909847.65 6283521.01
 PII+30.26 1909823.97 6283529.80
 PII+32.26 1909822.96 6283531.53
 PII+34.26 1909821.23 6283530.52
 PI3+92.89 1909600.29 6283396.08
 PI3+94.89 1909598.60 6283395.01
 PI3+96.89 1909596.90 6283393.95

STRAIGHT 2.50 N 88° 17' 16.86" E
 STRAIGHT 2.50 S 1° 42' 43.14" E
 STRAIGHT 25.26 S 20° 22' 45.04" E
 STRAIGHT 2.00 S 59° 37' 27.61" E
 STRAIGHT 2.00 S 30° 22' 27.35" W
 STRAIGHT 258.63 S 31° 19' 13.95" W
 STRAIGHT 2.00 S 32° 03' 12.99" W
 STRAIGHT 2.00 S 32° 03' 12.99" W

STRAIGHT 298.92 S 31° 17' 25.42" W
 STRAIGHT 2.00 S 32° 03' 11.91" W
 STRAIGHT 2.00 S 57° 56' 47.01" E
 STRAIGHT 29.95 S 55° 06' 12.84" E
 STRAIGHT 2.00 S 57° 56' 43.05" E
 STRAIGHT 2.00 N 32° 03' 11.91" E
 STRAIGHT 4.79 N 35° 01' 16.98" E
 STRAIGHT 2.00 N 32° 03' 12.99" E
 STRAIGHT 2.00 N 32° 03' 12.99" E

POE 7+42.54 1909329.52 6283271.52

STRUCTURE DATA TABLE				
NO.	NORTHING	EASTING	LENGTH	REMARKS
①	1909850.15	6283520.93	—	PROPOSED A-5 CLEANOUT
②	1909822.96	6283531.53	—	PROPOSED A-4 CLEANOUT
③	1909598.60	6283395.01	—	PROPOSED A-4 CLEANOUT
④	1909339.77	6283237.64	—	PROPOSED A-4 CLEANOUT
⑤	1909320.51	6283265.59	—	PROPOSED A-4 CLEANOUT
⑥	1909327.82	6283270.46	—	PROPOSED 14' INLET TYPE B-I

STORM DRAIN DATA TABLE			
NO.	BEARING	LENGTH	REMARKS
1	N20° 22' 45" W	25.26'	18" RCP
2	N31° 19' 14" E	258.63'	18" RCP
3	N31° 17' 25" E	298.92'	18" RCP
4	N55° 25' 36" W	29.95'	18" RCP
5	S35° 17' 17" W	4.79'	18" RCP

COGO PT	NORTHING	EASTING	REMARKS
2401	1909327.188	6283267.707	⑥ 14' INLET TYPE B-I
2402	1909319.793	6283279.594	

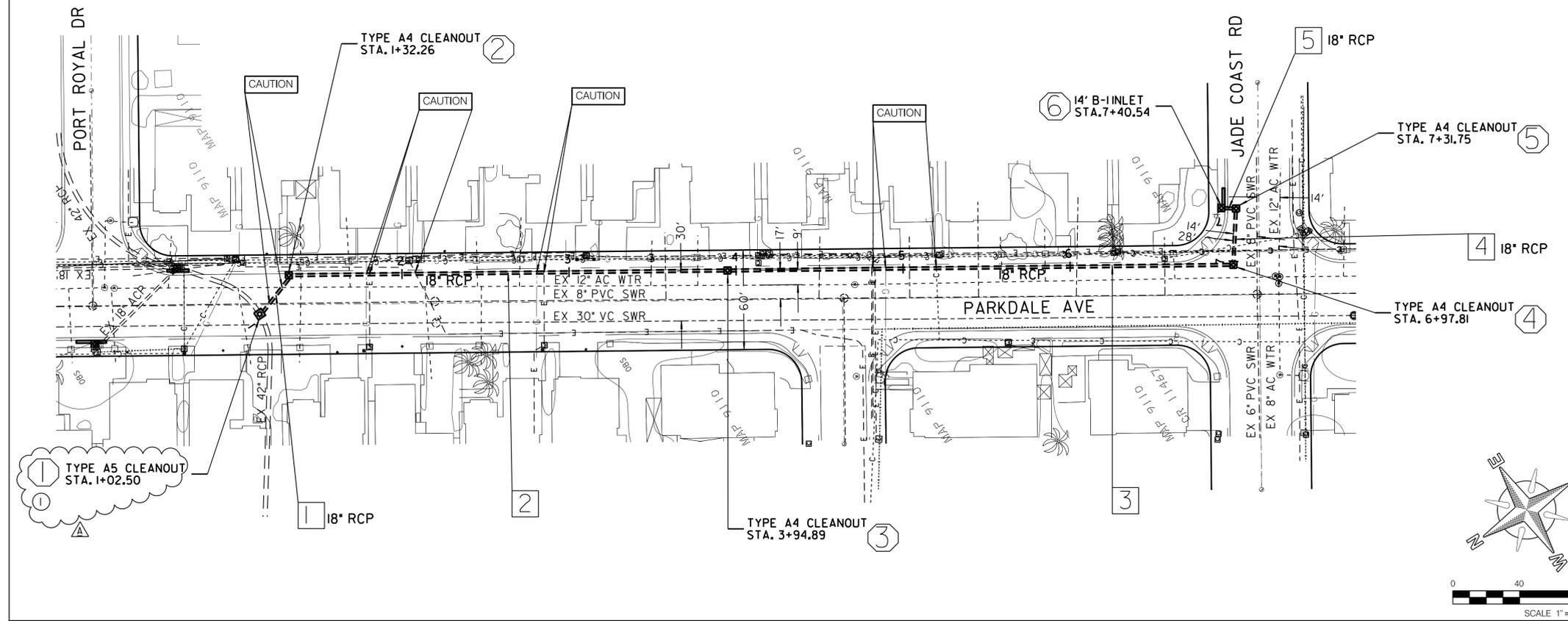
SCALE
 1"=40' HORIZ.
 1"=4' VERT.

REFERENCE:

WATER: 17675-10-D 17675-2-D
 SEWER: 17675-9-D 17675-3-D 17675-2-D
 STORM DRAIN: 17675-11-D 17675-2-D
 GAS: N/A
 ELECTRIC: N/A
 CABLE TV: 167471 CA
 TELEPHONE: 61800-CI
 IMPROVEMENTS: N/A
 100' SCALE/FIELD BOOK: G055
 PRESSURE ZONE: 625

RETIREMENTS:
 N/A

① -CONNECT TO EX 42" SD, CONTRACTOR TO VERIFY THE LOCATION AND ELEVATION OF THE EXISTING STORM DRAIN PIPE TO TIE INTO.



C-15

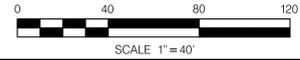
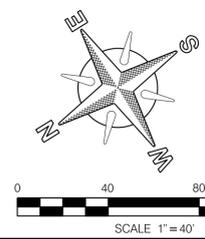
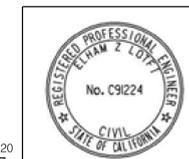
PLANS FOR CONSTRUCTION OF
 STREET RECONSTRUCTION GROUP 1801
 STORM DRAIN PLAN AND PROFILE
 PARKDALE AVE. - SITE 2

CITY OF SAN DIEGO, CALIFORNIA
 ENGINEERING AND CAPITAL PROJECTS DEPARTMENT
 SHEET 24 OF 49 SHEETS

APPROVED: 07/11/2022
 FOR CITY ENGINEER: ELHAM LOTFI
 PROJECT MANAGER: IKHLASS SHAMOUN
 PROJECT ENGINEER: SAMER ALSHAMI

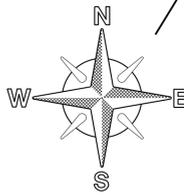
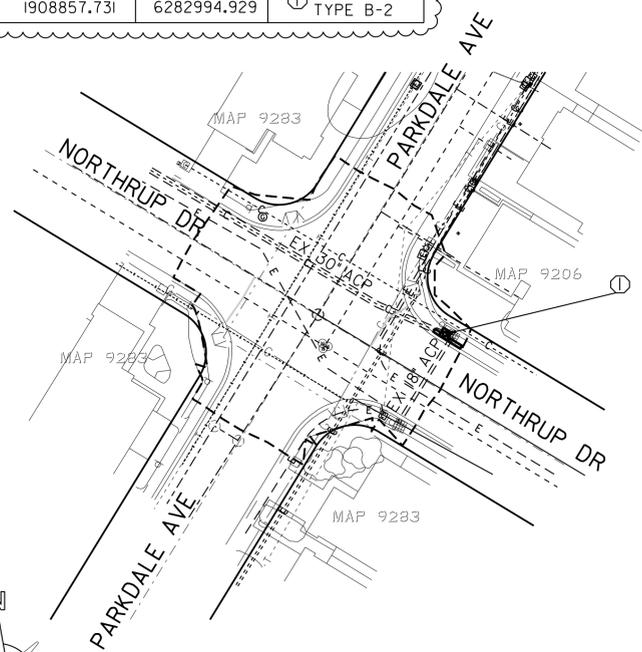
DESCRIPTION	SA/AO	APPROVED	DATE	FILMED
ORIGINAL			7/11/22	
ADDENDUM A	CC/FJ		8/17/22	

CONTRACTOR: 41356-24-D
 INSPECTOR: DATE COMPLETED

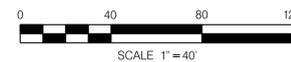
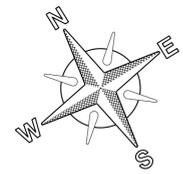
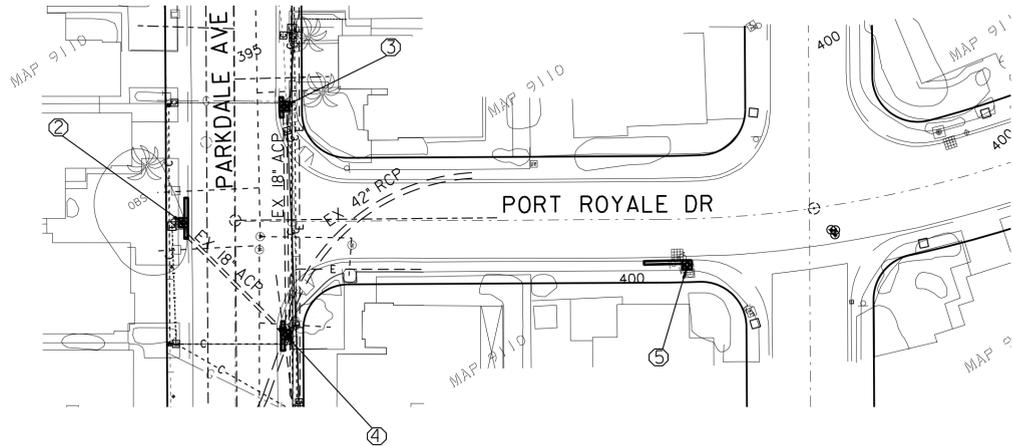


STORM DRAIN PLAN

COGO PT	NORTHING	EASTING	REMARKS
2501	1908865.231	6282983.112	① 14' INLET TYPE B-2
2502	1908857.731	6282994.929	

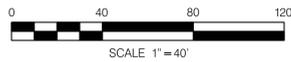
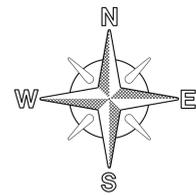
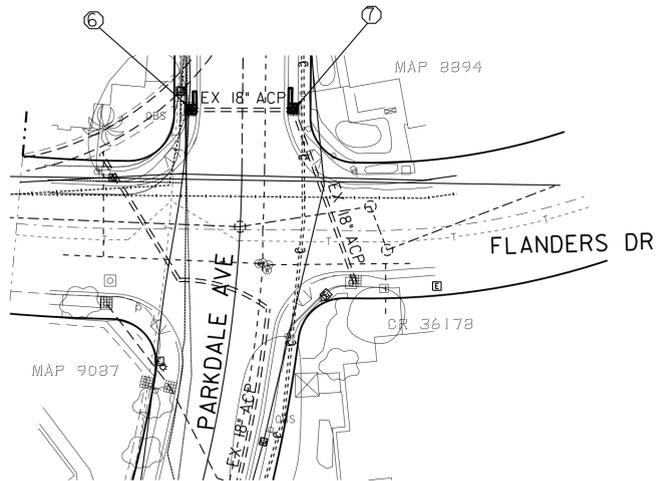


COGO PT	NORTHING	EASTING	REMARKS
2503	1909968.488	6283623.182	③ 9' INLET TYPE B-2
2504	1909960.693	6283618.7	
2505	1909951.77	6283565.469	② 18' INLET TYPE B-2
2506	1909936.458	6283556.006	
2507	1909883.701	6283571.831	④ 13' INLET TYPE B-2
2508	1909872.726	6283564.874	
2509	1909822.497	6283721.58	⑤ 21' INLET TYPE B-1
2510	1909811.827	6283739.664	

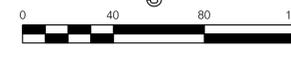
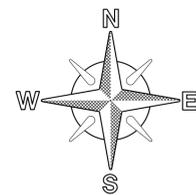
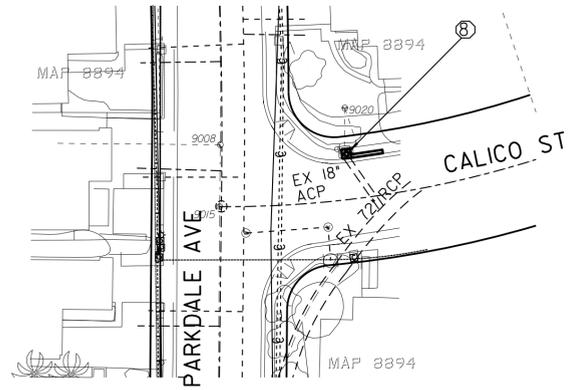


STRUCTURE DATA TABLE					
NO.	ID	NORTHING	EASTING	LENGTH	REMARKS
①	---	1987386.53	6379376.24	---	REPLACE WITH 14' INLET TYPE B-2
②	---	1987633.10	6379380.84	---	REPLACE WITH 18' INLET TYPE B-2
③	---	1987677.20	6379329.13	---	REPLACE WITH 9' INLET TYPE B-2
④	---	1987678.27	6379430.20	---	REPLACE WITH 13' INLET TYPE B-2
⑤	---	1909810.56	6283736.18	---	REPLACE WITH 21' INLET TYPE B-1
⑥	---	1987223.06	6379661.59	---	REPLACE WITH 10' INLET TYPE B-1
⑦	---	1987267.55	6379661.04	---	REPLACE WITH 11' INLET TYPE B-1
⑧	---	1987852.50	6379713.61	---	REPLACE WITH 18' INLET TYPE B-1

RETIREMENTS:
 5' INLET TYPE B-1-(4X4) - 2
 7' INLET TYPE B-1-(4X4) - 2
 10' INLET TYPE B-1-(4X4) - 2
 12' INLET TYPE B-1-(4X4) - 1
 13' INLET TYPE B-1-(4X4) - 1



COGO PT	NORTHING	EASTING	REMARKS
2511	1910962.859	6284104.58	⑦ 11' INLET TYPE B-1
2512	1910951.863	6284104.31	
2513	1910961.332	6284063.908	⑥ 10' INLET TYPE B-1
2514	1910951.337	6284063.78	



COGO PT	NORTHING	EASTING	REMARKS
2515	1911177.278	6284139.725	⑧ 18' INLET TYPE B-1
2516	1911179.764	6284157.55	

C-16

PLANS FOR CONSTRUCTION OF
 STREET RECONSTRUCTION GROUP 1801
 INLET LOCATIONS
 PARKDALE AVE. - SITE 2

CITY OF SAN DIEGO, CALIFORNIA
 ENGINEERING AND CAPITAL PROJECTS DEPARTMENT
 SHEET 25 OF 49 SHEETS

DRAINAGE
 WBS B-17188

APPROVED: 07/11/2022
 FOR CITY ENGINEER ELHAM LOTFI
 DATE: C91224
 PROJECT MANAGER: IKHLASS SHAMOUN
 PROJECT ENGINEER: SAMER ALSHAMI

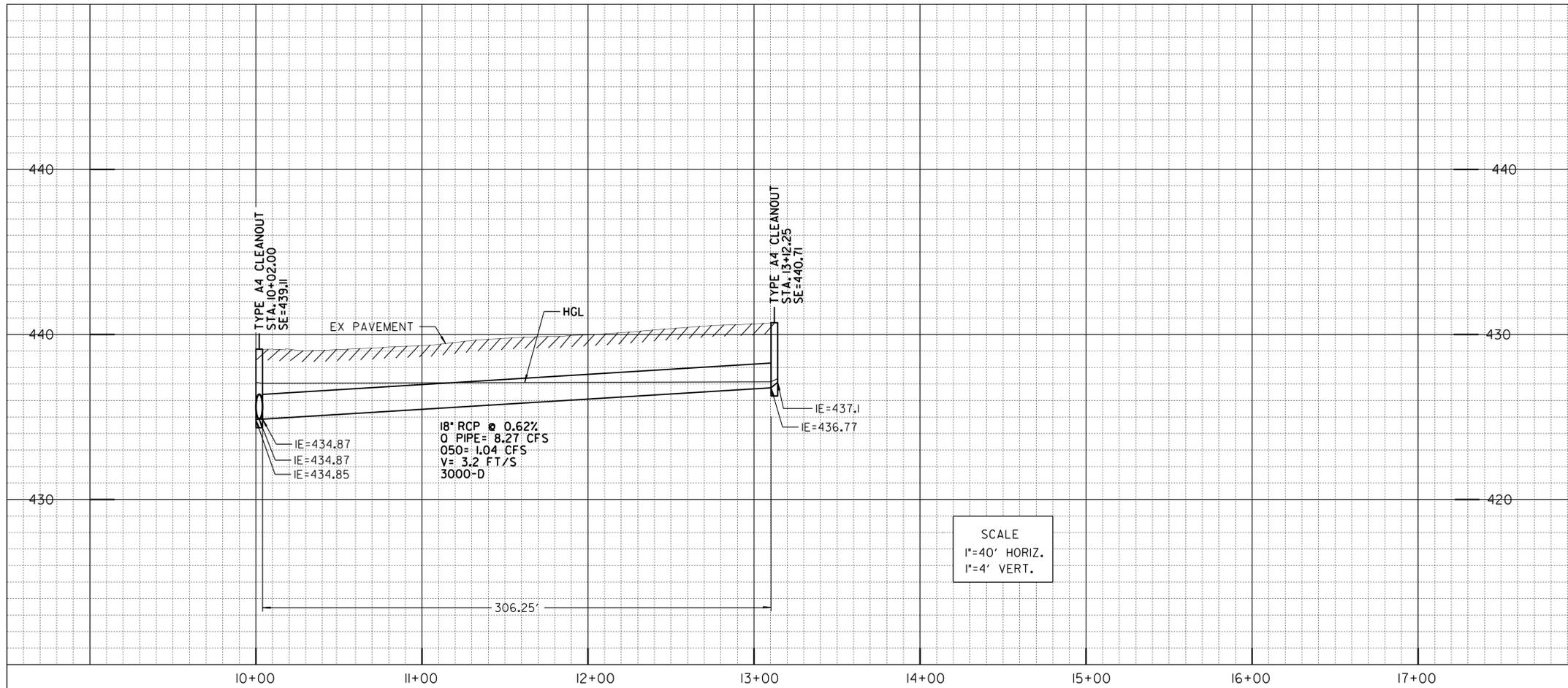


DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	SA/AO	[Signature]	7/11/22	
ADDENDUM A	CC/FJ	[Signature]	8/17/22	

SEE SHEETS
 CCS27 COORDINATE
 SEE SHEETS
 CCS83 COORDINATE

CONTRACTOR: _____ DATE STARTED: _____
 INSPECTOR: _____ DATE COMPLETED: _____

41356-25-D



PRINCIPLE SETTING OUT LINE FOR Sheet 26 Line MWS

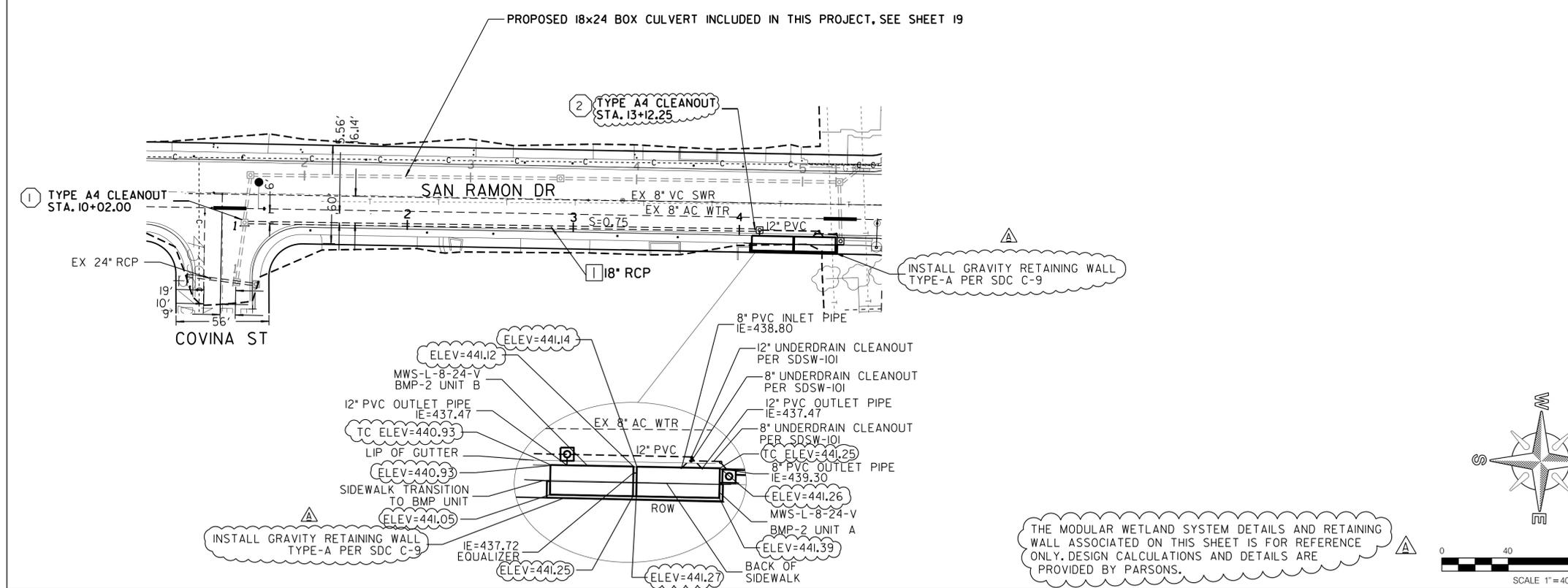
POINT CHAINAGE (ft) NORTHING (ft) EASTING (ft) ELEMENT LENGTH (ft) WCB (0° 00' 00") (STRAIGHT) WCB (0° 00' 00") (R=STARTING ANGLE) (R=END ANGLE)

POB 10+00.00 1909966.05 6288686.76
 STRAIGHT 2.00 N 1° 03' 42" W
 PI10+02.00 1909968.05 6288686.72
 STRAIGHT 2.00 N 1° 03' 42" W
 PI10+04.00 1909970.05 6288686.69
 STRAIGHT 306.25 N 0° 13' 59" W
 PI13+10.25 1910276.30 6288685.44
 STRAIGHT 2.00 N 1° 03' 42" W
 PI13+12.25 1910278.30 6288685.40
 STRAIGHT 2.00 N 88° 56' 18" E
 POE 13+14.25 1910278.33 6288687.40

STRUCTURE DATA TABLE				
NO.	NORTHING	EASTING	LENGTH	REMARKS
①	1909968.05	6288686.72	--	A-4 CLEANOUT- SEE SHEET 22
②	1910278.30	6288685.40	--	PROPOSED A-4 CLEANOUT

STORM DRAIN DATA TABLE			
NO.	BEARING	LENGTH	REMARKS
①	N0°14'07"W	306.25'	18" RCP

COGO PT	NORTHING	EASTING	REMARKS
2601	1910324.208	6288688.957	
2602	1910299.208	6288688.913	MWS-L-8-24-V
2603	1910299.192	6288697.913	BMP-2 UNIT A
2604	1910324.192	6288697.957	
2605	1910298.726	6288688.909	
2606	1910273.726	6288688.865	MWS-L-8-24-V
2607	1910273.71	6288697.865	BMP-2 UNIT B
2608	1910298.71	6288697.909	



THE MODULAR WETLAND SYSTEM DETAILS AND RETAINING WALL ASSOCIATED ON THIS SHEET IS FOR REFERENCE ONLY. DESIGN CALCULATIONS AND DETAILS ARE PROVIDED BY PARSONS.

STORM DRAIN PLAN

C-17

PLANS FOR CONSTRUCTION OF STREET RECONSTRUCTION GROUP 1801			
STORM DRAIN PLAN AND PROFILE GOLD COAST DR. - SITE 1			
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT		DRAINAGE WBS B-17188	
SHEET 26 OF 49 SHEETS		APPROVED BY: IKHLASS SHAMOUN PROJECT MANAGER	
FOR CITY ENGINEER ELHAM LOTFI		DATE: 07/11/2022 DATE: C91224	
PRINTED NAME		RCE#	
ORDERED BY: SAMER ALSHAMI PROJECT ENGINEER	DESCRIPTION	BY	APPROVED
ORIGINAL	SA/AO		DATE
			FILED
ADDENDUM A	CC/FJ		8/17/22
			DATE STARTED
			DATE COMPLETED
CONTRACTOR		41356-26-D	
INSPECTOR			

City of San Diego

CITY CONTACT: Juan E. Espindola, Senior Contract Specialist, Email: JEEspindola@sandiego.gov
Phone No. (619) 533-4491

ADDENDUM B



FOR

STREET RECONSTRUCTION GROUP 1801

BID NO.:	<u>K-23-1963-DBB-3</u>
SAP NO. (WBS/IO/CC):	<u>B-17188</u>
CLIENT DEPARTMENT:	<u>2116</u>
COUNCIL DISTRICT:	<u>6</u>
PROJECT TYPE:	<u>ID</u>

BID DUE DATE:

2:00 PM
AUGUST 30, 2022

CITY OF SAN DIEGO'S ELECTRONIC BIDDING SITE, PLANETBIDS

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

A. CHANGES TO CONTRACT DOCUMENTS

The following changes to the Contract Documents are hereby made effective as though originally issued with the bid package. Bidders are reminded that all previous requirements to this solicitation remain in full force and effect.

B. BIDDER'S QUESTIONS

Q1. Will the City be issuing an Addendum to include a Clearing and Grubbing item for Additive A (Parkdale Ave)? If the City opts to award Addendum A, there is no payment provision for the work identified in Section 300 – Earthwork of the bid docs (pgs 63-64). Additionally, if Additive A is accepted please clarify how the City intends the contractor to address the additional Traffic Control and SWPPP Implementation costs? Will Line Items for Traffic Control and SWPPP Implementation be added to Additive A? Please advise

A1. Per pg. 102 of the original bid solicitation, the second paragraph from the end, payment for clearing & grubbing, SWPPP and traffic control work shall be considered included as part of the lump sum bid item of the FDR.

"The FDR work to be done is shown on the plans may contain some work items that are not specifically reflected in the requested bid proposal. Payment for these work items are to be considered included in the various lump sum or unit cost prices contained herein."

Also per pages 106 & 107 of the original bid solicitation, payment for FDR, earthwork payment is included as such:

"The contract unit price paid for **"Full Depth Reclamation with Portland Cement"** shall include full compensation for preparing, remedial grading, pulverizing and mixing of existing pavement and underlying materials, water, cement, spreading, compacting and grading, hauling away excess pulverized material, microcracking, curing, protection and sealing of the cement treated subgrade and asphalt concrete paving."

Rania Amen, Director
Engineering & Capital Projects Department

Dated: *August 26, 2022*
San Diego, California

RA/AJ/nd

Bid Results

Bidder Details

Vendor Name Tri-Group Construction & Development, Inc.
Address 9580 Black Mountain Rd, Ste L
San Diego, California 92126
United States
Respondee Hani Assi
Respondee Title Secretary of Corporation
Phone 858-689-0058
Email hani@trigroupinc.com
Vendor Type CADIR, PQUAL, SLBE
License # 792159
CADIR 1000004777

Bid Detail

Bid Format Electronic
Submitted 08/30/2022 1:52 PM (PDT)
Delivery Method
Bid Responsive
Bid Status Submitted
Confirmation # 302746

Respondee Comment

Buyer Comment

Attachments

File Title	File Name	File Type
St Reconst Group 1801 pending actions_001085.pdf	St Reconst Group 1801 pending actions_001085.pdf	CONTRACTOR'S CERTIFICATION OF PENDING ACTIONS
St Reconst Group 1801 business interest_001088.pdf	St Reconst Group 1801 business interest_001088.pdf	MANDATORY DISCLOSURE OF BUSINESS INTERESTS FORM
St Reconst Group 1801 prime debarment_001086.pdf	St Reconst Group 1801 prime debarment_001086.pdf	PRIME - DEBARMENT AND SUSPENSION CERTIFICATION
St Reconst Group 1801 Subs debarment_001091.pdf	St Reconst Group 1801 Subs debarment_001091.pdf	SUBS, SUPPLIERS, MANUF - DEBARMENT AND SUSPENSION CERTIFICATION
St Reconst Group 1801 add alt subs_001090.pdf	St Reconst Group 1801 add alt subs_001090.pdf	SUBCONTRACTOR LISTING FOR ALTERNATE ITEMS
St Reconst Group bid bond_001089.pdf	St Reconst Group bid bond_001089.pdf	Bid Bond

Subcontractors

Showing 6 Subcontractors

Name & Address	Desc	License Num	CADIR	Amount	Type
G SCOTT ASPHALT, INC 358 TROUSDALE DRIVE CHULA VISTA, California 91910	Constructor Slurry Seal Crack Seal	751836	1000004252	\$218,448.00	Local
Pavement Recycling Systems 10240 San Sevaine Way Jurupa Valley, California 91752	Constructor Full Depth Reclamation (partial)	569352	1000003363	\$851,620.00	
RAP Engineering, Inc. 503 E. Mission Road San Marcos, California 92069	Constructor Asphalt Paving	880956	1000002968	\$1,769,000.00	LAT, MALE, DBE, MBE, CADIR, Local
Southwest Signals Service PO BOX 1297 El Cajon, California 92022	Constructor Traffic Signal Loops and Push Buttons	451115	1000004265	\$7,045.20	Local
Statewide Stripes Inc. PO Box 600710 San Diego, California 92160	Constructor Striping	788286	1000001334	\$54,034.00	DBE, Local
Vic Salazar Communications 5205 Kearny Villa Way Suite 107 San Diego, California 92123	Designer Community Liaison Services	00000	1000364796	\$25,000.00	CADIR, DBE, ELBE, MBE, MALE, LAT, Local

Line Items

Discount Terms No Discount

Item #	Item Code	Type	Item Description	UOM	QTY	Unit Price	Line Total	Response	Comment
Main Bid							\$9,025,346.20		
1	524126		Bonds (Payment and Performance)	LS	1	\$125,000.00	\$125,000.00	Yes	
2	541820		Exclusive Community Liaison Services	LS	1	\$25,000.00	\$25,000.00	Yes	
3	237310		Mobilization	LS	1	\$300,000.00	\$300,000.00	Yes	
4	238990		Remove and Relocate Existing Sign and Post	EA	14	\$225.00	\$3,150.00	Yes	
5			Field Orders (EOC Type II)	AL	1	\$655,925.00	\$655,925.00	Yes	
6	238910		Clearing and Grubbing	LS	1	\$900,000.00	\$900,000.00	Yes	
7	237310		Rubber Polymer Modified Slurry (RPMS) Type I	SF	167408	\$0.60	\$100,444.80	Yes	
8	237310		Rubber Polymer Modified Slurry (RPMS) Type II	SF	167408	\$0.55	\$92,074.40	Yes	
9	237310		Asphalt Concrete	TON	14152	\$126.00	\$1,783,152.00	Yes	
10	237310		Bus Stop Pad (9' Thick)	CY	412	\$600.00	\$247,200.00	Yes	
11	237310		Crack Seal	LB	2790	\$12.50	\$34,875.00	Yes	
12	237110		Curb Inlet (Type B-1, L = 10'-14')	EA	9	\$12,500.00	\$112,500.00	Yes	
13	237110		Curb Inlet (Type B-1, L = 15'-21')	EA	9	\$16,000.00	\$144,000.00	Yes	
14	237110		Curb Inlet (Type B-2, L = 9'-18')	EA	4	\$14,000.00	\$56,000.00	Yes	
15	237110		Storm Drain Clean Out (Type A-4)	EA	23	\$11,000.00	\$253,000.00	Yes	
16	237110		Storm Drain Clean Out (Type A-5)	EA	1	\$12,000.00	\$12,000.00	Yes	
17	237110		Box Culvert D-3000 (2 ft Wide x 1.5 ft High) Reinforced Concrete Single Box Culvert	LF	405	\$400.00	\$162,000.00	Yes	
18	237110		Box Culvert D-3000 (3 ft Wide x 1.5 ft High) Reinforced Concrete Single Box Culvert	LF	212	\$410.00	\$86,920.00	Yes	
19	237310		Additional Sidewalk Removal and Replacement	SF	1315	\$16.00	\$21,040.00	Yes	
20	237310		Curb and Gutter (6-inch Curb, Type G)	LF	202	\$60.00	\$12,120.00	Yes	
21	237310		Cross Gutter	SF	17605	\$19.00	\$334,495.00	Yes	
22	237310		Curb Ramp (Type A) with Stainless Steel Detectable Warning Tiles	EA	8	\$5,500.00	\$44,000.00	Yes	
23	237310		Curb Ramp Modified (Type A) with Stainless Steel Detectable Warning Tiles	EA	6	\$5,500.00	\$33,000.00	Yes	
24	237310		Curb Ramp (Type B) with Stainless Steel Detectable Warning Tiles	EA	8	\$5,500.00	\$44,000.00	Yes	
25	237310		Curb Ramp (Type C1) with Stainless Steel Detectable Warning Tiles	EA	35	\$5,500.00	\$192,500.00	Yes	
26	237310		Curb Ramp (Type C2) with Stainless Steel Detectable Warning Tiles	EA	76	\$5,500.00	\$418,000.00	Yes	
27	237310		Curb Ramp Modified (Type C2) with Stainless Steel Detectable Warning Tiles	EA	14	\$5,500.00	\$77,000.00	Yes	
28	237310		Chain Link Fence	LF	70	\$125.00	\$8,750.00	Yes	
29	237310		30-Inch RCP Storm Drain	LF	61	\$350.00	\$21,350.00	Yes	
30	237310		18-Inch RCP Storm Drain D-3000	LF	945	\$250.00	\$236,250.00	Yes	
31	237110		18-Inch RCP Storm Drain D-2000	LF	1505	\$250.00	\$376,250.00	Yes	
32	237110		12-Inch CL 305 Water Main	LF	32	\$250.00	\$8,000.00	Yes	
33	237110		8-Inch CL 305 Water Main	LF	167	\$250.00	\$41,750.00	Yes	
34	237110		8-Inch CL 305 Recycled Water Main	LF	26	\$250.00	\$6,500.00	Yes	
35	237310		Temporary Resurfacing	TON	112	\$210.00	\$23,520.00	Yes	
36	237310		Paint Striping	LS	1	\$9,500.00	\$9,500.00	Yes	
37	237310		Removal and Replacement of Existing Thermoplastic Striping and Markings	LS	1	\$26,000.00	\$26,000.00	Yes	
38	237310		Continental Crosswalk	SF	2570	\$4.00	\$10,280.00	Yes	
39	238910		Tree Removal and Disposal (Less Than 24-Inch Trunk Diameter)	EA	3	\$2,000.00	\$6,000.00	Yes	
40	237110		Potholing Existing Utilities Not Shown on Plans (Depth Up to 7 feet)	EA	60	\$750.00	\$45,000.00	Yes	
41	237310		Adjust Existing Water Meter Box Frame and Cover to Grade	EA	19	\$1,000.00	\$19,000.00	Yes	
42	237310		Adjust Existing Manhole Frame and Cover to Grade	EA	31	\$1,000.00	\$31,000.00	Yes	
43	237310		Adjust Existing Survey Monument to Grade	EA	5	\$1,500.00	\$7,500.00	Yes	
44	237310		Traffic Signal Loop and Appurtenance Replacement (Type E)	EA	5	\$600.00	\$3,000.00	Yes	
45	237310		Traffic Signal Loop and Appurtenance Replacement (Type E - Modified)	EA	3	\$600.00	\$1,800.00	Yes	
46	541330		Traffic Control and Working Drawings	LS	1	\$425,000.00	\$425,000.00	Yes	
47	237310		Pedestrian Barricade (Type A)	EA	10	\$800.00	\$8,000.00	Yes	
48	237310		New Pedestrian Push Button Post	EA	2	\$1,250.00	\$2,500.00	Yes	
49	237110		High-lining Installation by the Contractor	LF	21000	\$5.00	\$105,000.00	Yes	

Item #	Item Code	Type	Item Description	UOM	QTY	Unit Price	Line Total	Response	Comment
50	237110		High-lining Removed by the Contractor	LF	21000	\$1.00	\$21,000.00	Yes	
51	237110		Furnished Materials for Contractor High-line Work	LF	21000	\$5.00	\$105,000.00	Yes	
52	541330		SWPPP Development	LS	1	\$45,000.00	\$45,000.00	Yes	
53	237310		SWPPP Implementation	LS	1	\$105,000.00	\$105,000.00	Yes	
54	541330		SWPPP Permit Fee (EOC Type I)	AL	1	\$2,000.00	\$2,000.00	Yes	
55	237310		Full Depth Reclamation (FDR) with Portland Cement	CY	15000	\$69.00	\$1,035,000.00	Yes	
56	237310		Type II/V Portland Cement (As-Needed)	AL	1	\$10,000.00	\$10,000.00	Yes	
57	237110		Delay Due to Utility Relocation	Day	22	\$500.00	\$11,000.00	Yes	
Additive Alternate A (Parkdale Ave)							\$712,241.00		
58	237310		Full Depth Reclamation (FDR) with Portland Cement	CY	4109	\$79.00	\$324,611.00	Yes	
59	237310		Asphalt Concrete	TON	2932	\$125.00	\$366,500.00	Yes	
60	237310		Traffic Signal Loop and Appurtenance Replacement (Type E)	EA	7	\$580.00	\$4,060.00	Yes	
61	237310		Traffic Signal Loop and Appurtenance Replacement (Type E-Modified)	EA	4	\$580.00	\$2,320.00	Yes	
62	237310		Paint Striping	LS	1	\$2,450.00	\$2,450.00	Yes	
63	237310		Removal and Replacement of Existing Thermoplastic Striping and Markings	LS	1	\$8,700.00	\$8,700.00	Yes	
64	237310		Continental Crosswalk	SF	1200	\$3.00	\$3,600.00	Yes	
Deductive Alternate B (Parkdale Ave)							(\$113,070.00)		
65	237310		Rubber Polymer Modified Slurry (RPMS) Type I [(Deductive) Enter Unit Price as Negative (-)]	SF	125632	(\$0.40)	(\$50,252.80)	Yes	
66	237310		Rubber Polymer Modified Slurry (RPMS) Type II [(Deductive) Enter Unit Price as Negative (-)]	SF	125632	(\$0.35)	(\$43,971.20)	Yes	
67	237310		Crack Seal [(Deductive) Enter Unit Price as Negative (-)]	LB	2094	(\$9.00)	(\$18,846.00)	Yes	
Additive Alternate C (Modular Wetlands)							\$810,850.00		
68	238910		Modular Wetland System-L-8-24-C-HC or Approved Equal- BMP-1	EA	1	\$140,000.00	\$140,000.00	Yes	
69	238910		Modular Wetland System-L-8-24-V or Approved Equal - BMP-2 UNIT A	EA	1	\$135,000.00	\$135,000.00	Yes	
70	238910		Modular Wetland System-L-8-24-V or Approved Equal - BMP-2 UNIT B	EA	1	\$135,000.00	\$135,000.00	Yes	
71	238910		Modular Wetland System-L-8-24-V or Approved Equal - BMP-3 UNIT A	EA	1	\$135,000.00	\$135,000.00	Yes	
72	238910		Modular Wetland System-L-8-24-V or Approved Equal - BMP-3 UNIT B	EA	1	\$135,000.00	\$135,000.00	Yes	
73	237110		Storm Drain Clean Out (Type A-4)	EA	3	\$9,000.00	\$27,000.00	Yes	
74	237110		18-inch RCP Storm Drain D-3000	LF	310	\$250.00	\$77,500.00	Yes	
75	238110		Gravity Retaining Wall (Type A)	LF	155	\$170.00	\$26,350.00	Yes	

Line Item Subtotals

Section Title	Line Total
Main Bid	\$9,025,346.20
Additive Alternate A (Parkdale Ave)	\$712,341.00
Deductive Alternate B (Parkdale Ave)	(\$113,070.00)
Additive Alternate C (Modular Wetlands)	\$810,850.00
Grand Total	\$10,435,347.20