

City of San Diego

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

CONTRACT DOCUMENTS

FOR



MONTGOMERY MIDDLE SCHOOL JOINT USE PARK

VOLUME 1 OF 2

BID NO.: _____ K-14-4976-DBB-3-C
SAP NO. (WBS/IO/CC).: _____ S-00973
CLIENT DEPARTMENT: _____ 1714
COUNCIL DISTRICT: _____ 7
PROJECT TYPE: _____ GB

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

- THE CITY'S SUBCONTRACTING PARTICIPATION REQUIREMENTS FOR SLBE PROGRAM.
- BID DISCOUNT PROGRAM (The WHITEBOOK, SLBE-ELBE Program Requirements, Section IV(2))
- PREVAILING WAGE RATES: STATE FEDERAL

BID DUE DATE:

**2:00 PM
MAY 6, 2014
CITY OF SAN DIEGO
PUBLIC WORKS CONTRACTING GROUP
1010 SECOND AVENUE, 14th FLOOR, MS 614C
SAN DIEGO, CA 92101**

ENGINEER OF WORK

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



For City Engineer

3/20/14

Date

Seal



TABLE OF CONTENTS

DESCRIPTION	PAGE NUMBER
1. NOTICE INVITING BIDS.....	4
2. CONTRACT FORMS AGREEMENT.....	15
3. CONTRACT/AGREEMENTS ATTACHMENTS:	
1. Performance Bond and Labor and Materialmen’s Bond.....	19
2. Drug-Free Workplace.....	21
3. American with Disabilities Act (ADA) Compliance Certification	22
4. Contractor Standards - Pledge of Compliance Certificate.....	23
5. Affidavit of Disposal Certificate	24
4. ATTACHMENTS	
A. SCOPE OF WORK.....	26
B. INTENTIONALLY LEFT BLANK.....	28
C. EQUAL OPPORTUNITY CONTRACTING PROGRAM	29
D. INTENTIONALLY LEFT BLANK.....	34
E. SUPPLEMENTARY SPECIAL PROVISIONS	35
SUPPLEMENTARY SPECIAL PROVISIONS APPENDICES	45
1. Appendix A -Environmental Report(s)/Exemptions/MMRP	46
2. Appendix B -Fire Hydrant Meter Program	49
3. Appendix C - Materials Typically Accepted by Certificate of Compliance	63
4. Appendix D - Sample City Invoice	65
F. INTENTIONALLY LEFT BLANK.....	67

CITY OF SAN DIEGO, CALIFORNIA

NOTICE INVITING BIDS

1. **RECEIPT AND OPENING OF BIDS:** Bids will be received at the Public Works Contracting Group at the location, time, and date shown on the cover of these specifications for performing work on **MONTGOMERY MIDDLE SCHOOL JOINT USE PARK** (Project).
2. **SUMMARY OF WORK:** The Work involves furnishing all labor, materials, equipment, services, and other incidental works and appurtenances for the construction of the Project as described in ATTACHMENT A.
3. **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.
4. **SUBCONTRACTING PARTICIPATION PERCENTAGES:**
 - 4.1. 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	3.4%
2.	ELBE participation	27.0%
3.	Total mandatory participation	30.4%
 - 4.2. The Bidders are strongly encouraged to attend the Pre-Bid Meeting to better understand the Good Faith Effort requirements of this contract. See the City's document titled "SLBE Program, Instructions For Bidders Completing The Good Faith Effort Submittal" available at: <http://www.sandiego.gov/eoc/>
 - 4.3. The Bid will be declared non-responsive if the Bidder fails the following mandatory conditions:
 - 4.3.1. Bidder's inclusion of SLBE-ELBE certified subcontractors at the overall mandatory participation percentage identified in this document; OR.
 - 4.3.2. Bidder's submission of Good Faith Effort documentation demonstrating the Bidder made a good faith effort to outreach to and include SLBE-ELBE

Subcontractors required in this document within 3 Working Day of the Bid opening if the overall mandatory participation percentage is not met.

5. PRE-BID MEETING:

- 5.1.** There will be a Pre-Bid Meeting to discuss the scope of the Project, bidding requirements, pre-qualification process, and Equal Opportunity Contracting Program requirements and reporting procedures in the Public Works Contracting Group, Conference Room at 1010 Second Avenue, Suite 1400, San Diego, CA 92101 at **10:00 A.M., on April 16, 2014.**
- 5.2.** All potential bidders are encouraged to attend.
- 5.3.** To request a copy of the agenda on an alternative format, or to request a sign language or oral interpreter for this meeting, call the Public Works Contracting Group at (619) 533-3450 at least 5 Working Days prior to the Pre-Bid Meeting to ensure availability.

6. CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM:

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

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

- 6.2.** 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.

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

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

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

- 8.1.1.** In accordance with the provisions of California Labor Code Sections 1770, et seq. as amended, the Director of the Department of Industrial Relations has determined the general prevailing rate of per diem wages in accordance with the standards set forth in such Sections for the locality in which the Work is to be performed. Copies of the prevailing rate of per diem wages may be found at http://www.dir.ca.gov/dlsr/statistics_research.html. The Contractor shall post a copy of the above determination of the prevailing rate of per diem wages at each job site and shall make them available to any interested party on request.

- 8.1.2.** Pursuant to Sections 1720 et seq., and 1770 et seq., of the California Labor Code the Contractor any Subcontractor shall pay not less than said specified rates determined by the Director of the California Department of

Industrial Relations to all workmen employed by them in the execution of the Work.

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

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

9. INSURANCE REQUIREMENTS:

9.1. 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.

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

10. PREQUALIFICATION OF CONTRACTORS:

10.1. Contractors submitting Bid must be pre-qualified for the total amount proposed, inclusive of all alternate items prior to the date of submittal. Bids from contractors who have not been pre-qualified as applicable and Bids that exceed the maximum dollar amount at which contractors are pre-qualified will be deemed **non-responsive** and ineligible for award. Complete information and prequalification questionnaires are available at:

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

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

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

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

- 13. CITY'S RESPONSES AND ADDENDA:** The City at its option, may respond to any or all questions submitted in writing, via letter, or FAX in the form of an addendum. No oral comment shall be of any force or effect with respect to this solicitation. The changes to the Contract Documents through addendum are made effective as though originally issued with the Bid. The Bidders shall acknowledge the receipt of Addenda on the form provided for this purpose in the Bid.
- 14. 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.
- 15. CONTRACT PRICING FORMAT:** This solicitation is for a Lump Sum and Unit Price provisions as set forth in the Bid Proposal Form(s), Volume 2.
- 16. SUBMITTAL OF “OR EQUAL” ITEMS:** See Section 4-1.6, “Trade Names or Equals” in The WHITEBOOK and as amended in the SSP.
- 17. AWARD PROCESS:**
- 17.1.** The Award of this contract is contingent upon the Contractor’s compliance with all conditions precedent to Award

- 17.2.** 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.
- 17.3.** This contract will be deemed executed, and effective, only upon the signing of the Contract by the Mayor or designee of the City.
- 18. SUBCONTRACT LIMITATIONS:** The Bidder's attention is directed to Standard Specifications for Public Works Construction, Section 2-3, "SUBCONTRACTS" in The GREENBOOK and as amended in the SSP which requires the Contractor to self perform the not less than the specified amount. Failure to comply with these requirements shall render the Bid **non-responsive** and ineligible for award.
- 19. AVAILABILITY OF PLANS AND SPECIFICATIONS:** Contract Documents may be obtained by visiting the City's website: <http://www.sandiego.gov/cip/>. Plans and Specifications for this contract are also available for review in the office of the City Clerk or Public Works Contracting Group.
- 20. SUBMISSION OF QUESTIONS:**
- 20.1.** The Director (or designee), of the Public Works Department is the officer responsible for opening, examining, and evaluating the competitive Bids submitted to the City for the acquisition, construction and completion of any public improvement except when otherwise set forth in these documents. All questions related to this solicitation shall be submitted to:
- Public Works Contracting Group
1010 Second Avenue, 14th Floor
San Diego, California, 92101
Attention: [Contract Specialist listed on the front cover hereof]
- OR:
- Email address of the Contract Specialist listed on the front cover hereof.
- 20.2.** Questions received less than 14 days prior to the date for opening of Bids may not be considered.
- 20.3.** Clarifications deemed by the City to be material shall be issued by Addenda and uploaded to the City's online bidding service.
- 20.4.** Only questions answered by formal written addenda will be binding. Oral and other interpretations or clarifications will be without legal effect. It is the Bidder's responsibility to become informed of any Addenda that have been issued and to include all such information in its Bid.
- 21. ELIGIBLE BIDDERS:** No person, firm, or corporation shall be allowed to make, file, or be interested in **more** than one (1) Bid for the same work unless alternate Bids are called for. A person, firm or corporation who has submitted a sub-proposal to a Bidder, or who has quoted prices on materials to a Bidder, is not hereby disqualified from submitting a sub-proposal or quoting prices to other Bidders or from submitting a Bid in its own behalf. Any Bidder who submits more than one bid will result in the rejection of all bids submitted.

- 22. SAN DIEGO BUSINESS TAX CERTIFICATE:** The Contractor and Subcontractors, not already having a City of San Diego Business Tax Certificate for the work contemplated shall secure the appropriate certificate from the City Treasurer, Civic Center Plaza, first floor and submit to the Contract Specialist upon request or as specified in the Contract Documents. Tax Identification numbers for both the Bidder and the listed Subcontractors must be submitted on the City provided forms with the Notice Inviting Bids and Contract forms.
- 23. PROPOSAL FORMS:** Bid shall be made only upon the Bidding Documents i.e., Proposal form attached to and forming a part of the specifications. The signature of each person signing shall be in longhand.
- 23.1.** Bidder shall complete and submit all pages in the "Bidding Document" Section (see Volume 2) as their Bid per the schedule given under "Required Documents Schedule," (see Volume 1). Bidder is requested to retain for their reference other portions of the Contract Documents that are not required to be submitted with the Bid. The entire specifications for the bid package do not need to be submitted with the bid.
- 23.2.** The City may require any Bidder to furnish a statement of experience, financial responsibility, technical ability, equipment, and references.
- 23.3.** Bids and certain other forms and documents as specified in the Volume 2 of 2 of the Contract Documents shall be enclosed in a sealed envelope and shall bear the title of the work and name of the Bidder and the appropriate State Contractors License designation which the Bidder holds.
- 23.4.** Bids may be withdrawn by the Bidder prior to, but not after, the time fixed for opening of Bids.
- 24. BIDDERS' GUARANTEE OF GOOD FAITH (BID SECURITY):**
- 24.1.** With the exception of the contracts valued \$5,000 or less, JOC and Design-Build contracts, and contracts subject to the Small and Local Business Program of \$250,000 or less e.g., ELBE contracts, each Bidder shall accompany its Bid with either a cashier's check upon some responsible bank, or a check upon such bank properly certified or an approved corporate surety bond payable to the City of San Diego, for an amount of not less than 10% of the aggregate sum of the Bid, which check or bond, and the monies represented thereby shall be held by the City as a guarantee that the Bidder, if awarded the contract, will in good faith enter into such contract and furnish the required final bonds.
- 24.2.** The Bidder agrees that in case of Bidder's refusal or failure to execute this contract and give required final bonds, the money represented by a cashier's or certified check shall remain the property of the City, and if the Bidder shall fail to execute this contract, the Surety agrees that it will pay to the City damages which the City may suffer by reason of such failure, not exceeding the sum of 10% of the amount of the Bid.
- 24.3.** A Bid received without the specified bid security will be rejected as being **non-responsive**.

25. AWARD OF CONTRACT OR REJECTION OF BIDS:

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

26. BID RESULTS:

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

27. THE CONTRACT:

- 27.1.** 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.
- 27.2.** 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.
- 27.3.** 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.
- 27.4.** 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.
- 27.5.** The award of the Contract is contingent upon the satisfactory completion of the above mentioned items and becomes effective upon the signing of the Contract by the Mayor or designee. If the Apparent Low Bidder does not execute the Contract or submit required documents and information, the City may award the Contract to the next lowest responsible and reliable Bidder who shall fulfill every condition precedent to award. A corporation designated as the Apparent Low Bidder shall furnish evidence of its corporate existence and evidence that the officer signing the Contract and bond for the corporation is duly authorized to do so.

28. EXAMINATION OF PLANS, SPECIFICATIONS, AND SITE OF WORK: The Bidder shall examine carefully the Project Site, the Plans and Specifications, other materials as described in the Special Provisions, Section 2-7, and the proposal forms (e.g., Bidding Documents). The submission of a Bid shall be conclusive evidence that the Bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and scope of Work, the quantities of materials to be furnished, and as to the requirements of the Bidding Documents Proposal, Plans, and Specifications.

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

- 29.1.** The City of San Diego Resolution No. R-277952 adopted on May 20, 1991 for a

Drug-Free Workplace.

- 29.2. The City of San Diego Resolution No. R-282153 adopted on June 14, 1993 related to the Americans with Disabilities Act.
- 29.3. The City of San Diego Municipal Code §22.3004 for Pledge of Compliance.
- 29.4. The City of San Diego's Labor Compliance Program and the State of California Labor Code §§1771.5(b) and 1776.
- 29.5. 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.
- 29.6. The City's Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of The San Diego Municipal Code (SDMC).
- 29.7. The City's Information Security Policy (ISP) as defined in the City's Administrative Regulation 90.63.

30. PRE-AWARD ACTIVITIES:

- 30.1. The selected contractor by the City to execute a contract for this Work shall provide the information required within the time specified in "Required Documents," of this bid package. Failure to provide the information within the time specified may result in the Bid being rejected as **non-responsive**.
- 30.2. If the Bid is rejected as non-responsive, the selected contractor by the City to execute a contract for this Work shall forfeit the required Bid. The decision that the selected contractor by the City to execute a contract for this Work is non-responsive for failure to provide the information required within the time specified shall be at the sole discretion of the City.

31. SUPPLEMENTAL AGREEMENTS: Supplemental agreements attached to this contract for the items of Work such as extended re-vegetation maintenance and monitoring and emulsion aggregate slurry shall be signed upon the request from the Engineer and prior to Acceptance. The signed agreements shall be accompanied by the evidence of separate bond (i.e., labor and materials) and insurance as specified in 2-4, "CONTRACT BONDS," 7-3, "LIABILITY INSURANCE," and 7-4 WORKERS' COMPENSATION INSURANCE. Bonds shall be in amount of the Contract Price for the Work included in the supplemental agreements.

32. ADDITIVE/DEDUCTIVE ALTERNATES:

- 32.1. 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 decision 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 the Base Bid plus any combination of Additive and Deductive Alternate(s).

32.2. For water pipeline projects, the Plans typically show all cut and plug and connection work to be performed by City Forces. However, Bidders shall refer to Bidding Documents to see if all or part of this work will be performed by the Contractor.

33. REQUIRED DOCUMENT SCHEDULE:

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

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

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

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED
1.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Bid
2.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Bid Bond
3.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Non-collusion Affidavit to be Executed By Bidder and Submitted with Bid under 23 USC 112 and PCC 7106
4.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Contractors Certification of Pending Actions
5.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Equal Benefits Ordinance Certification of Compliance
6.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Form AA35 - List of Subcontractors
7.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Form AA40 - Named Equipment/Material Supplier List
8.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Form AA45 - Subcontractors Additive/Deductive Alternate
9.	WITHIN 3 WORKING DAYS OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTATION	ALL BIDDERS	SLBE Good Faith Efforts Documentation
10.	WITHIN 3 WORKING DAYS OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTATION	ALL BIDDERS	Form AA60 – List of Work Made Available

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED
11.	WITHIN 3 WORKING DAYS OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTATION	ALL BIDDERS	Proof of Valid DBE-MBE-WBE-DVBE Certification Status e.g., Certs.
12.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Names of the principal individual owners of the Apparent Low Bidder
13.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	If the Contractor is a Joint Venture: <ul style="list-style-type: none"> • Joint Venture Agreement • Joint Venture License
14.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Form BB05 - Work Force Report
15.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contract Forms - Agreement
16.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contract Forms - Payment and Performance Bond
17.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Certificates of Insurance and Endorsements
18.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractor Certification - Drug-Free Workplace
19.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractor Certification - American with Disabilities Act
20.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractors Standards - Pledge of Compliance

CONTRACT FORMS
AGREEMENT

CONTRACT FORMS

CONSTRUCTION CONTRACT

This contract is made and entered into between THE CITY OF SAN DIEGO, a municipal corporation, herein called "City", and **Dick Miller, Inc.**, herein called "Contractor" for construction of **Montgomery Middle School Joint Use Park**; Bid No. **K-14-4976-DBB-3-C**; in the amount of **Eight Hundred Thirty-Three Thousand Seventy-Eight Dollars and 00/100 (\$833,078.00)**, which is comprised of the Base Bid only.

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

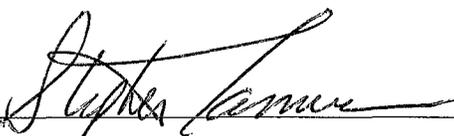
1. The following are incorporated into this contract as though fully set forth herein:
 - (a) The attached Faithful Performance and Payment Bonds.
 - (b) The attached Proposal included in the Bid documents by the Contractor.
 - (c) Reference Standards listed in the Notice Inviting Bids and the Supplementary Special Provisions (SSP).
 - (d) That certain documents entitled **Montgomery Middle School Joint Use Park**, on file in the office of the Public Works Department as Document No. **S-00973**, as well as all matters referenced therein.
2. The Contractor shall perform and be bound by all the terms and conditions of this contract and in strict conformity therewith shall perform and complete in a good and workmanlike manner **Montgomery Middle School Joint Use Park**, Bid Number **K-14-4976-DBB-3-C**, San Diego, California.
3. For such performances, the City shall pay to Contractor the amounts set forth at the times and in the manner and with such additions or deductions as are provided for in this contract, and the Contractor shall accept such payment in full satisfaction of all claims incident to such performances.
4. No claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.
5. This contract is effective as of the date that the Mayor or designee signs the agreement.

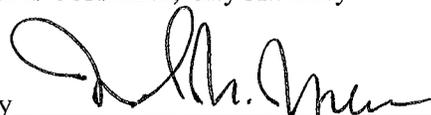
CONTRACT FORMS (continued)

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

THE CITY OF SAN DIEGO

APPROVED AS TO FORM AND LEGALITY

By 

Jan I. Goldsmith, City Attorney
By 

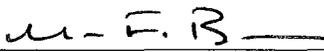
Print Name: Stephen Samara
Senior Contract Specialist

Print Name: Mark M. Mene
Deputy City Attorney

Date: 7/21/14

Date: 7/21/14

CONTRACTOR

By 

Print Name: Glen F. Bullock

Title: President

Date: 5-28-14

City of San Diego License No.: B 2014004558

State Contractor's License No.: 380204

CONTRACT FORMS

ATTACHMENTS

CONTRACT ATTACHMENT
PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND

FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND:

Dick Miller, Inc., a corporation, as principal, and **The Ohio Casualty 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 **Eight Hundred Thirty-Three Thousand Seventy-Eight Dollars and 00/100 (\$833,078.00)**, for the faithful performance of the annexed contract, and in the sum of **Eight Hundred Thirty-Three Thousand Seventy-Eight Dollars and 00/100 (\$833,078.00)**, for the benefit of laborers and materialmen designated below.

Conditions:

If the Principal shall faithfully perform the annexed contract **Montgomery Middle School Joint Use Park**, Bid Number **K-14-4976-DBB-3-C**, San Diego, California then the obligation herein with respect to a faithful performance shall be void; otherwise it shall remain in full force.

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

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

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

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

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

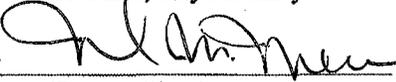
Dated May 30, 2014

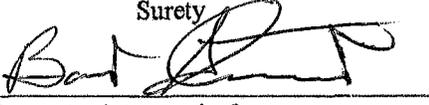
Approved as to Form and Legality

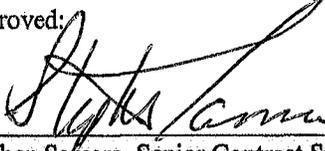
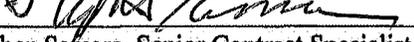
Dick Miller, Inc.
Principal

By 
Glen F. Bullock
Printed Name of Person Signing for Principal

Jan I. Goldsmith, City Attorney

By 
Deputy City Attorney

The Ohio Casualty Insurance Company
Surety
By 
Bart Stewart, Attorney-in-fact

Approved: 
By 
Stephen Samara, Senior Contract Specialist

171 Saxony Road, Suite 209
Local Address of Surety

Encinitas, CA 92024
Local Address (City, State) of Surety

(760) 635-0432
Local Telephone No. of Surety

Premium \$ 10,098.00

Bond No. 024056008

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 6268732

American Fire and Casualty Company
The Ohio Casualty Insurance Company

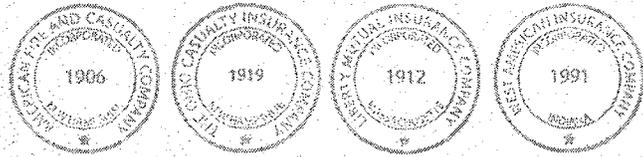
Liberty Mutual Insurance Company
West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Bart Stewart; Brittany Aceves

all of the city of Encinitas, state of CA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 3rd day of September, 2013.



American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

STATE OF WASHINGTON ss
COUNTY OF KING

On this 3rd day of September, 2013, before me personally appeared Gregory W. Davenport, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Seattle, Washington, on the day and year first above written.



By: KD Riley
KD Riley, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV - OFFICERS - Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

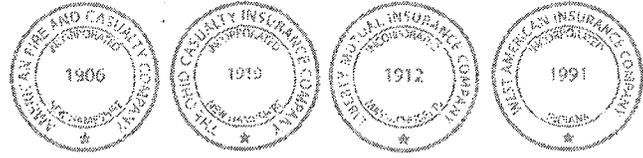
ARTICLE XIII - Execution of Contracts - SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes Gregory W. Davenport, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, David M. Carey, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 30th day of May, 2014.



By: David M. Carey
David M. Carey, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

CALIFORNIA ALL-PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of San Diego

On 5/30/11 before me, Molly Cashman, Notary Public
(Here insert name and title of the officer)

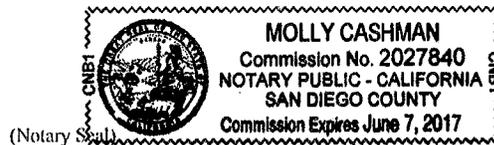
personally appeared Bart Stewart

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.

Molly Cashman
Signature of Notary Public



ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages _____ Document Date _____

(Additional information)

CAPACITY CLAIMED BY THE SIGNER

Individual (s)
 Corporate Officer

 (Title)

Partner(s)
 Attorney-in-Fact
 Trustee(s)
 Other _____

INSTRUCTIONS FOR COMPLETING THIS FORM

Any acknowledgment completed in California must contain verbiage exactly as appears above in the notary section or a separate acknowledgment form must be properly completed and attached to that document. The only exception is if a document is to be recorded outside of California. In such instances, any alternative acknowledgment verbiage as may be printed on such a document so long as the verbiage does not require the notary to do something that is illegal for a notary in California (i.e. certifying the authorized capacity of the signer). Please check the document carefully for proper notarial wording and attach this form if required.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. he/she/they, is/are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
 - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
 - ❖ Indicate title or type of attached document, number of pages and date.
 - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document

AFFIDAVIT OF DISPOSAL

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

Montgomery Middle School Joint Use Park

(Name of Project)

as particularly described in said contract and identified as Bid No. **K-14-4976-DBB-3-C**; SAP No. (WBS/IO/CC) **S-00973**; 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 _____, _____.

Contractor
by

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

ATTACHMENTS

ATTACHMENT A
SCOPE OF WORK

SCOPE OF WORK

1. **SCOPE OF WORK:** The Work involves furnishing all labor, materials, equipment, services, and other incidental works and appurtenances for the construction of the Project as described below:

This project provides for the construction of approximately 3.0 acres of joint use play fields at the Montgomery Academy and associated ADA improvements to comply with all State and federal accessibility guidelines and City standards. Phase I amenities may include a turf-ed multi-purpose sports field, security lighting, decomposed granite running track, accessibility improvements, signage and site furnishings, and miscellaneous landscaping.

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

- 1.1.1. This Notice Inviting Bids and Plans numbered **35375-1-D through 35375-25-D**, inclusive.

2. **CONSTRUCTION COST:** The City's estimated construction cost for this contract is **\$867,000.00**.
3. **LOCATION OF WORK:** This project is located within the Montgomery Middle School property at 2465 Comstock Street within the Linda Vista Community.
4. **CONTRACT TIME:** The Contract Time for completion of the Work shall be **220 Working Days**. This includes 120 calendar days for the plant establishment period.
5. **CONTRACTOR'S LICENSE CLASSIFICATION:** In accordance with the provisions of California Law, the Contractor shall possess valid appropriate license at the time that the Bid is submitted. Failure to possess the specified license shall render the Bid as **non-responsive** and shall act as a bar to award of the Contract to any Bidder not possessing required license at the time of Bid.

- 5.1. The City has determined the following licensing classification for this contract:

- CLASS A

ATTACHMENT B
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ATTACHMENT C
EQUAL OPPORTUNITY CONTRACTING PROGRAM

EQUAL OPPORTUNITY CONTRACTING PROGRAM

1. To The WHITEBOOK, Chapter 10, Sections D and E, DELETE each in its entirety, and SUBSTITUTE with the following:

D. CITY'S EQUAL OPPORTUNITY COMMITMENT.

1. Nondiscrimination in Contracting Ordinance.

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

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

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

2. Disclosure of Discrimination Complaints. As part of its Bid or Proposal, the Bidder shall provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against Bidder in a legal or administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors, or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.
3. Upon the City's request, the Contractor agrees to provide to the City, within 60 days, a truthful and complete list of the names of all Subcontractors and Suppliers that the Contractor has used in the past 5 years on any of its contracts that were undertaken within San Diego County, including the total dollar amount paid by the Contractor for each subcontract or supply contract.
4. The Contractor further agrees to fully cooperate in any investigation conducted by the City pursuant to the City's Nondiscrimination in Contracting Ordinance, Municipal Code §§22.3501 through 22.3517. The Contractor understands and agrees that violation of this clause shall be considered a material breach of the Contract and may result

in remedies being ordered against the Contractor up to and including contract termination, debarment and other sanctions for violation of the provisions of the Nondiscrimination in Contracting Ordinance. The Contractor further understands and agrees that the procedures, remedies and sanctions provided for in the Nondiscrimination in Contracting Ordinance apply only to violations of the Ordinance.

E. EQUAL EMPLOYMENT OPPORTUNITY OUTREACH PROGRAM.

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

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

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

2. If the Contract is competitively solicited, the selected Bidder shall submit a Work Force Report (Form BB05), within 10 Working Days after receipt by the Bidder of Contract forms to the City for approval as specified in the Notice of Intent to Award letter from the City.
3. If a Work Force Report is submitted, and the City determines there are under-representations when compared to County Labor Force Availability data, the selected Bidder shall submit an Equal Employment Opportunity Plan.
4. If the selected Bidder submits an Equal Employment Opportunity Plan, it shall include the following assurances:
 1. The Contractor shall maintain a working environment free of discrimination, harassment, intimidation and coercion at all sites and in all facilities at which the Contractor's employees are assigned to work.
 2. The Contractor reviews its EEO Policy, at least annually, with all on-site supervisors involved in employment decisions.
 3. The Contractor disseminates and reviews its EEO Policy with all employees at least once a year, posts the policy statement and EEO posters on all company bulletin boards and job sites, and documents

every dissemination, review and posting with a written record to identify the time, place, employees present, subject matter, and disposition of meetings.

4. The Contractor reviews, at least annually, all supervisors' adherence to and performance under the EEO Policy and maintains written documentation of these reviews.
5. The Contractor discusses its EEO Policy Statement with subcontractors with whom it anticipates doing business, includes the EEO Policy Statement in its subcontracts, and provides such documentation to the City upon request.
6. The Contractor documents and maintains a record of all bid solicitations and outreach efforts to and from subcontractors, contractor associations and other business associations.
7. The Contractor disseminates its EEO Policy externally through various media, including the media of people of color and women, in advertisements to recruit, maintains files documenting these efforts, and provides copies of these advertisements to the City upon request.
8. The Contractor disseminates its EEO Policy to union and community organizations.
9. The Contractor provides immediate written notification to the City when any union referral process has impeded the Contractor's efforts to maintain its EEO Policy.
10. The Contractor maintains a current list of recruitment sources, including those outreaching to people of color and women, and provides written notification of employment opportunities to these recruitment sources with a record of the organizations' responses.
11. The Contractor maintains a current file of names, addresses and phone numbers of each walk-in applicant, including people of color and women, and referrals from unions, recruitment sources, or community organizations with a description of the employment action taken.
12. The Contractor encourages all present employees, including people of color and women employees, to recruit others.
13. The Contractor maintains all employment selection process information with records of all tests and other selection criteria.

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

ATTACHMENT D
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ATTACHMENT E
SUPPLEMENTARY SPECIAL PROVISIONS

SUPPLEMENTARY SPECIAL PROVISIONS

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

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

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

1-2 TERMS AND DEFINITIONS.

Normal Working Hours. To the City Supplements, ADD the following:

The Normal Working Hours are 8:30 AM to 4:30 PM.

SECTION 2 - SCOPE AND CONTROL OF WORK

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

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

2-5.3.1 General. To the City Supplement, ADD the following

7. For products for which an AML is available, products listed in the AML shall be used. A submittal review will be conducted for products not identified on an AML on a case-by-case basis when:
 - a) The product type or category is not in the AML.
 - b) The AML does not list at least two available manufacturers of the product.
 - c) The material or manufacturer listed in the AML is no longer available. Documentation to substantiate the product is no longer available or in production is required as part of the submittal.

In the case of conducting a submittal review when required by the Plans or Special Provisions, or when requested by the Engineer, all submittals shall be accompanied by the City's submittal form.

The Product Submittal Form is available for download at:

<http://www.sandiego.gov/publicworks/edocref/index.shtml>

2-9.2 Survey Service.

DELETE in its entirety and SUBSTITUTE with the following:

The Contractor shall be responsible for all surveying services or as may be specified in these special provisions.

The payment for survey services shall be included in the various Bid items unless a Bid item for Survey Service has been provided.

SECTION 4 - CONTROL OF MATERIALS

4-1.3.2 Inspection of Materials Not Locally Produced. ADD the following:

The Engineer will perform inspection of out-of-town manufacturer for the items of Work specified here:

- a) Irrigation Pipe.

4-1.3.4 Inspection Paid For By the Contractor. To the City Supplements, ADD the following:

Division of the State Architect (DSA) inspectors

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

You must submit your list of proposed substitutions for "an equal" ("or equal") item(s) **no later than 5 Working Days after the determination of the Apparent Low Bidder** and on the City's Product Submittal Form available at.

<http://www.sandiego.gov/publicworks/edocref/index.shtml>

SECTION 7 - RESPONSIBILITIES OF THE CONTRACTOR

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

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

7-3.1

Policies and Procedures.

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

7-3.2

Types of Insurance.

7-3.2.1

Commercial General Liability Insurance.

1. Commercial General Liability Insurance must be written on the current version of the ISO Occurrence form CG 00 01 07 98 or an equivalent form providing coverage at least as broad.
2. The policy must cover liability arising from premises and operations, XCU (explosions, underground, and collapse), independent contractors, products/completed operations, personal injury and advertising injury, bodily injury, property damage, and liability assumed under an insured's contract (including the tort liability of another assumed in a business contract).
3. There must be no endorsement or modification limiting the scope of coverage for either "insured vs. insured" claims or contractual liability. You must maintain the same or equivalent insurance for at least 10 years following completion of the Work.
4. All costs of defense must be outside the policy limits. Policy coverage must be in liability limits of not less than the following:

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

7-3.2.2 Commercial Automobile Liability Insurance.

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

7-3.2.5 Contractors Builders Risk Property Insurance.

1. You must provide at its expense, and maintain until Final Acceptance of the Work, a Special Form Builders Risk Policy or Policies. This insurance must be in an amount equal to the replacement cost of the completed Work (without deduction for depreciation) including the cost of excavations, grading, and filling. The policy or policies limits must be 100% of this contract value of the Work plus 15% to cover administrative costs, design costs, and the costs of inspections and construction management.
2. Insured property must include material or portions of the Work located away from the Site but intended for use at the Site, and must cover material or portions of the Work in transit. The policy or policies must include as insured property scaffolding, falsework, and temporary buildings located at the Site. The policy or policies must cover the cost of removing debris, including demolition.
3. The policy or policies must provide that all proceeds thereunder must be payable to the City as Trustee for the insured, and must name the City, the Contractor, Subcontractors, and Suppliers of all tiers as named insured. We as Trustee will collect, adjust, and receive all monies which may become due and payable under the policy or policies, may compromise any and all claims thereunder, and will apply the proceeds of such insurance to the repair, reconstruction, or replacement of the Work.
4. Any deductible applicable to the insurance must be identified in the policy or policies documents and responsibility for paying the part of any loss not covered because of the application of such deductibles must be apportioned among the parties except for the City as follows: if there is more than one claimant for a single occurrence, then each claimant must pay a pro-rata share of the per occurrence deductible based upon the percentage of their paid claim to the total paid for insured. The City must be entitled to 100% of its loss. The Contractor must pay the City any portion of that loss not covered because of a

deductible, at the same time the proceeds of the insurance are paid to the City as trustee.

5. Any insured, other than the City, making claim to which a deductible applies must be responsible for 100% of the loss not insured because of the deductible. Except as provided for under California law, the policy or policies must provide that the City is entitled to 30 days prior written notice (10 days for cancellation due to non-payment of premium) of cancellation or non-renewal of the policy or policies.

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

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

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

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

7-3.5 Policy Endorsements.

7-3.5.1 Commercial General Liability Insurance

7-3.5.1.1 Additional Insured.

- a) You must provide at your expense policy endorsement written on the current version of the ISO Occurrence form CG 20 10 11 85 or an equivalent form providing coverage at least as broad.
- b) To the fullest extent allowed by law e.g., California Insurance Code §11580.04, the policy must be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured.
- c) The additional insured coverage for projects for which the Engineer’s Estimate is \$1,000,000 or more must include liability arising out of: (a) Ongoing operations performed by you or on your behalf, (b) your products, (c) your work, e.g., your completed operations performed by you or on your behalf, or (d) premises owned, leased, controlled, or used by you.

- d) The additional insured coverage for projects for which the Engineer's Estimate is less than \$1,000,000 must include liability arising out of: (a) Ongoing operations performed by you or on your behalf, (b) your products, or (c) premises owned, leased, controlled, or used by you.

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

7-3.5.1.3 Project General Aggregate Limit.

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

7-3.5.2 Commercial Automobile Liability Insurance.

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

7-3.5.5 Builders Risk Endorsements.

7-3.5.5.1 Waiver of Subrogation. The policy or policies must be endorsed to provide that the insurer will waive all rights of subrogation against the City, and its respective elected officials, officers, employees, agents, and representatives for losses paid under the terms of the policy or policies and which arise from work performed by the Named Insured for the City.

7-3.5.5.2 Builders Risk – Partial Utilization. If the City desire to occupy or use a portion or portions of the Work prior to Acceptance in accordance with this contract, the City will notify you and you must immediately notify your Builder's Risk insurer and obtain an endorsement that the policy or policies must not be cancelled or lapse on account of any such partial use or occupancy. You must obtain the endorsement prior to our occupation and use.

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

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

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

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

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

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

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

2. Limits for this insurance must be not less than the following:

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

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

7-4.1.1 Waiver of Subrogation.

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

7-5 PERMITS, FEES, AND NOTICES. ADD the following:

5. The City of San Diego Project Manager and the Consultant shall coordinate the following: Water and Sewer Capacity Fees and the Wet Tap Fees shall be pre-paid by the City for City contracts; the Contractor shall pay all other construction and maintenance water meter and sewer fees, and shall coordinate with the Water Utilities Department for installation of services. Allow 90 calendar days notice to the Water Utilities Department

7-8.6 Water Pollution Control. ADD the following:

Based on a preliminary assessment by the City, the Contract is subject to SWPPP.

7-15 INDEMNIFICATION AND HOLD HARMLESS AGREEMENT. To the City Supplements, fourth paragraph, last sentence, DELETE in its entirety and SUBSTITUTE with the following:

Your duty to indemnify and hold harmless does not include any claims or liability arising from the established active or sole negligence, or willful misconduct of the City, its officers, or employees.

7-16.2.2 Weekly Updates Recipients. 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:

Kevin Oliver, Project Officer II, koliver@sandiego.gov

Mark Calleran, Project Manager, mcalleran@sandiego.gov

SECTION 8 - FACILITIES FOR AGENCY PERSONNEL

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

SECTION 9 - MEASUREMENT AND PAYMENT

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

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

ADD:

9-3.7 Compensation Adjustments for Price Index Fluctuations. This Contract is not subject to the provisions of The WHITEBOOK for Compensation Adjustments for Price Index Fluctuations for the paving asphalt.

SECTION 207 – PIPE

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

SECTION 306 – UNDERGROUND CONDUIT CONSTRUCTION

306-22 Pipe Fusion. DELETE in its entirety.

SECTION 705 – WATER DISCHARGES

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

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

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

SECTION 707 – RESOURCE DISCOVERIES

ADD:

707-1.1 Environmental Document. The City of San Diego Environmental Analysis Section (EAS) of the Development Services Department has prepared Notice of Exemption (NOE) for Montgomery Academy Joint Use Park, as referenced in the Contract Appendix.

END OF SUPPLEMENTARY SPECIAL PROVISIONS (SSP)

SUPPLEMENTARY SPECIAL PROVISIONS
APPENDICES

APPENDIX A

Notice of Exemption

NOTICE OF EXEMPTION

TO: X RECORDER/COUNTY CLERK
P.O. BOX 1750, MS A-33
1600 PACIFIC HWY, ROOM 260
SAN DIEGO, CA 92101-2422

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

 OFFICE OF PLANNING AND RESEARCH
1400 TENTH STREET, ROOM 121

FILED IN THE OFFICE OF THE COUNTY CLERK
San Diego County on OCT 12 2009
Posted OCT 12 2009 Removed
Returned to agency on
Deputy L. Kesian

PROJECT NO.:
PROJECT TITLE: **MONTGOMERY ACADEMY – JOINT USE**

PROJECT LOCATION-SPECIFIC: Construction of the project would occur at an existing school facility located at 2470 Ulric, San Diego. The project site is within the Linda Vista Community Plan area.

PROJECT LOCATION-CITY/COUNTY: City and County of San Diego.

DESCRIPTION OF PROJECT Project would include the installation of approximately 1.6 acres of irrigated turf on an existing decomposed granite multi-use play field, fencing, .25 acre perimeter walkway and an accessible pathway into field from the corner of Meade Ave and Park Blvd. The project is not within areas identified on any government hazardous materials list and no sensitive archaeological or biological resources would be impacted with implementation of the project.

NAME OF PUBLIC AGENCY APPROVING PROJECT: City of San Diego

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT Barry Kelleher, City of San Diego Engineering and Capital Projects, 600 B Street #800, San Diego, CA 92101

EXEMPT STATUS: (CHECK ONE)

- MINISTERIAL (SEC. 15268)
- DECLARED EMERGENCY [SEC. 15269 (A)]
- EMERGENCY PROJECT [SEC. 15269 (B) AND (C)]
- CATEGORICAL EXEMPTION (STATE TYPE AND SECTION NUMBER): Section 15301 Existing Facilities; Section 15302 Replacement or Reconstruction; Section 15303 New Construction or Conversion of Small Structures
- OTHER (STATE TYPE AND SECTION NUMBER):

REASONS WHY PROJECT IS EXEMPT: This project is categorically exempt from CEQA as it consists of minor construction and replacement activities at an existing facility.

CONTACT PERSON: Myra Herrmann

TELEPHONE: 619-446-5372

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

Myra Herrmann, Senior Planner
SIGNATURE/TITLE

9/29/09 FILED
DATE David Butler, Recorder/County Clerk

CHECK ONE:

- SIGNED BY LEAD AGENCY
- SIGNED BY APPLICANT

DATE RECEIVED FOR FILING: BY L. Kesian
DEPUTY

DETERMINATION OF ENVIRONMENTAL EXEMPTION

Pursuant to the California Environmental Quality Act (CEQA) and State CEQA Guidelines

Agency: CITY OF SAN DIEGO

Project No.: N/A

Date: 9/29/09

Action/Permit(s): Council Action

Description of Activity: **MONTGOMERY ACADEMY – JOINT USE:** Allocation of funds for improvements at an existing facility consisting of the following: construction of approximately 3.0 acres of joint use play fields at the Montgomery Academy and associated American with Disabilities Act (ADA) improvements to comply with all State and federal accessibility guidelines and City standards. Phase I amenities include a turfed multi-purpose sports field, security lighting, decomposed granite running track, accessibility improvements, signage and site furnishings, and miscellaneous landscaping. Phase II amenities include picnic shelters and site furnishings, accent plantings, and enhanced gateway treatments. The project is not within areas identified on any government hazardous materials list and no archaeological or biological resources would be impacted with implementation of the project.

Location of Activity: 2470 Ulric St., Linda Vista Community Planning Area, City and County of San Diego

1. This activity is **EXEMPT FROM CEQA** pursuant to:
 - Section 15060(b) (3) of the State CEQA Guidelines (the activity is not a project as defined in Section 15378).
2. This project is **EXEMPT FROM CEQA** pursuant to State CEQA Guidelines Section checked below:

**ARTICLE 19 of GUIDELINES
CATEGORICAL EXEMPTIONS**
(Incomplete list)

Section	Short Name
<input checked="" type="checkbox"/> 15301	Existing Facilities
<input checked="" type="checkbox"/> 15302	Replacement or Reconstruction
<input checked="" type="checkbox"/> 15303	New Construction or Conversion of Small Structures
<input type="checkbox"/> 15304	Minor Alterations to Land
<input type="checkbox"/> 15305	Minor Alteration in Land Use
<input type="checkbox"/> 15306	Information Collection
<input type="checkbox"/> 15311	Accessory Structures
<input type="checkbox"/> 15312	Surplus Government Property Sales
<input type="checkbox"/> 15315	Minor Land Divisions
<input type="checkbox"/> 15317	Open Space Contracts or Easements
<input type="checkbox"/> 15319	Annexation of Existing Facilities and Lots for Exempt Facilities
<input type="checkbox"/> 15325	Transfer of Ownership of Interest in Land to Preserve Open Space
<input type="checkbox"/> Other	

**ARTICLE 18 of GUIDELINES
STATUTORY EXEMPTIONS**
(Incomplete list)

Section	Short Name
<input type="checkbox"/> 15261	Ongoing Project
<input type="checkbox"/> 15262	Feasibility and Planning Studies
<input type="checkbox"/> 15265	Adoption of Coastal Plans and Programs
<input type="checkbox"/> 15268	Ministerial Projects
<input type="checkbox"/> 15269	Emergency Projects
<input type="checkbox"/> Other	

It is hereby certified that the City of San Diego has determined the above activity to be exempt:

Distribution:


 MYRA HERRMANN, SENIOR PLANNER
 Environmental Analysis Section

Exemption or Project file

Responsible Departments: Engineering & Capital Projects
 Development Services

APPENDIX B

Fire Hydrant Meter Program

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

1. **PURPOSE**

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

2. **AUTHORITY**

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

Reference

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

3. **DEFINITIONS**

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

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

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

4. **POLICY**

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

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

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

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

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

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

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

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

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

4.7 Relocation of Existing Fire Hydrant Meters

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

4.8 Disconnection of Fire Hydrant Meter

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

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

for removal of the meter.

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

5. **EXCEPTIONS**

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

6. **MOBILE METER**

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

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

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

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

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

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

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

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

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

7. **FEE AND DEPOSIT SCHEDULES**

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

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

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

- 8.1 Use of water from any fire hydrant without a properly issued and installed fire hydrant meter is theft of City property. Customers who use water for unauthorized purposes or without a City of San Diego issued meter will be prosecuted.
- 8.2 If any unauthorized connection, disconnection or relocation of a fire hydrant meter, or other connection device is made by anyone other than authorized Water Department personnel, the person making the connection will be prosecuted for a violation of San Diego Municipal Code, Section 67.15. In the case of a second offense, the customer's fire hydrant meter shall be confiscated and/or the deposit will be forfeited.
- 8.3 Unauthorized water use shall be billed to the responsible party. Water use charges shall be based on meter readings, or estimates when meter readings are not available.
- 8.4 In case of unauthorized water use, the customer shall be billed for all applicable charges as if proper authorization for the water use had been obtained, including but not limited to bi-monthly service charges, installation charges and removal charges.

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

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

**Larry Gardner
Water Department Director**

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

APPENDIX

Administering Division: Customer Support Division

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

Distribution: DI Manual Holders



Application for Fire (EXHIBIT A) Hydrant Meter

(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.) Zip:	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="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: ()

City Meter	Private Meter
Contract Acct #:	Deposit Amount: \$ 936.00 Fees Amount: \$ 62.00
Meter Serial #	Meter Size: 05 Meter Make and Style: 6-7
Backflow #	Backflow Size: Backflow Make and Style:
Name:	Signature: Date:

WATER USES WITHOUT ANTICIPATED CHARGES FOR RETURN TO SEWER

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

Note:

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

Date

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

Subject: Discontinuation of Fire Hydrant Meter Service

Dear Water Department Customer:

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

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

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

Sincerely,

Water Department

APPENDIX C

Materials Typically Accepted by Certificate of Compliance

Materials Typically Accepted by Certificate of Compliance

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

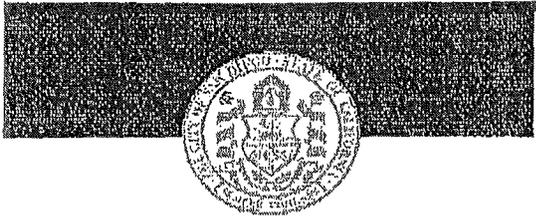
APPENDIX D

Sample City Invoice

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

ATTACHMENT F

INTENTIONALLY LEFT BLANK



THE CITY OF SAN DIEGO

Purchasing and Contracting Department
Contracting Division
1200 Third Avenue, Suite 200
San Diego, CA 92101
(619) 236-6000

FAX TRANSMITTAL

Date: May 7, 2014

The following 3 pages (including this cover) are intended for:

To: Estimator
Company: Dick Miller Inc.
FAX # (760) 471-6178
Phone # (760) 471-6842

From: Celia Navarro
Division: Contracting Group
FAX # 619-533-3633
Phone # 619-533-3431

RE: Bid # K-14-4976-DBB-3-C – Montgomery Middle School Joint Use Park

COMMENTS:

In tabulating the bid results of subject project, we have found that the ESTIMATED TOTAL BASE BID plus ADDITIVE ALTERNATE "A" and DEDUCTIVE ALTERNATE "B" is \$821,928.00 NOT \$885,528.00 as per your bid.

Please FAX acknowledgement/concurrence of the correct amount, by 4:00pm today. *DMC concurs and acknowledges the correction. Paul Smith For DMI*

If there are any problems with receiving this FAX transmission (such as missing pages), please contact the Sender at the "From" phone number given above.

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED, AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. RECEIPT BY AN UNINTENDED RECIPIENT DOES NOT CONSTITUTE A WAIVER OF ANY APPLICABLE PRIVILEGE.

If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone, and return the original message to us at the above address via the U.S. Postal Service.

City of San Diego

CONTRACTOR'S NAME: DICK MILLER INC.
ADDRESS: 930 BOARDWALK, SUITE H, SAN MARCOS, CA 92078
TELEPHONE NO.: 760-471-6842 FAX NO.: 760-471-6178
CITY CONTACT: Clementina Giordano, Contract Specialist, Email: CGiordano@sandiego.gov
Phone No. (619) 533-3481, Fax No. (619) 533-3633
MCalleran/BDoringo/LAD

CONTRACT DOCUMENTS



FOR

MONTGOMERY MIDDLE SCHOOL JOINT USE PARK

VOLUME 2 OF 2

BID NO.: K-14-4976-DBB-3-C
SAP NO. (WBS/IO/CC): S-00973
CLIENT DEPARTMENT: 1714
COUNCIL DISTRICT: 7
PROJECT TYPE: GB

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

- THE CITY'S SUBCONTRACTING PARTICIPATION REQUIREMENTS FOR SLBE PROGRAM.
- BID DISCOUNT PROGRAM (The WHITEBOOK, SLBE-ELBE Program Requirements, Section IV(2))
- PREVAILING WAGE RATES: STATE FEDERAL

THIS BIDDING DOCUMENT TO BE SUBMITTED IN ITS ENTIRETY
REFER TO VOLUME 1 COVER PAGE FOR TIME, DATE, AND LOCATION

TABLE OF CONTENTS

DESCRIPTION

PAGE NUMBER

Volume 2 - Bidding Documents

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

- 1. Bid/Proposal..... 3
- 2. Bid Bond..... 6
- 3. Non-Collusion Affidavit to be executed by Bidder and Submitted with Bid under 23 USC 112 and PCC 7106 7
- 4. Contractors Certification of Pending Actions 8
- 5. Equal Benefits Ordinance Certification of Compliance..... 9
- 6. Proposal (Bid) 10
- 7. Form AA35 - List of Subcontractors 14
- 8. Form AA40 - Named Equipment/Material Supplier List 15
- 9. Form AA45 - Subcontractors Additive/Deductive Alternate..... 16

BIDDING DOCUMENTS

PROPOSAL

Bidder's General Information

To the City of San Diego:

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

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

IF A SOLE OWNER OR SOLE CONTRACTOR SIGN HERE:

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

BIDDING DOCUMENTS

IF A PARTNERSHIP, SIGN HERE:

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

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

Full Name and Character of partner

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

IF A CORPORATION, SIGN HERE:

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


(Signature)

GLEN BULLOCK

(Printed Name)

PRESIDENT

(Title of Officer)

(Impress Corporate Seal Here)
- (3) Incorporated under the laws of the State of CALIFORNIA
- (4) Place of Business (Street & Number) 930 BOARDWALK, SUITE H
- (5) City and State SAN MARCOS, CA Zip Code 92078

BIDDING DOCUMENTS

(6) Telephone No. 760-471-6842 Facsimile No. 760-471-6178
(7) Email Address gbullock@dickmillerinc.com

THE FOLLOWING SECTIONS MUST BE FILLED IN BY ALL PROPOSERS:

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

LICENSE CLASSIFICATION A, B & C-12

LICENSE NO. 380204 EXPIRES JUNE 30, 2015

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

TAX IDENTIFICATION NUMBER (TIN) 98-8854594

E-Mail Address: gbullock@dickmillerinc.com

THIS PROPOSAL MUST BE NOTARIZED BELOW:

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

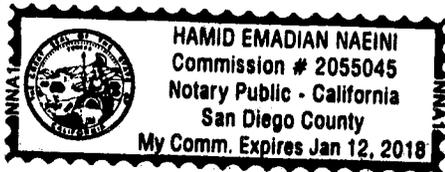
Signature [Handwritten Signature] Title PRESIDENT

SUBSCRIBED AND SWORN TO, BEFORE ME, THIS 05 DAY OF MAY, 2014.

Notary Public in and for the County of SAN DIEGO, State of CALIFORNIA

[Handwritten Signature]

(NOTARIAL SEAL)



BIDDING DOCUMENTS

BID BOND

KNOW ALL MEN BY THESE PRESENTS,

That Dick Miller, Inc. as Principal, and The Ohio Casualty 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

Montgomery Middle School Joint Use Park/ K-14-4976-DBB-3-C

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 30th day of April, 2014

Dick Miller, Inc. (SEAL) The Ohio Casualty Insurance Company (SEAL)
(Principal) (Surety)

By: [Signature]
(Signature)

By: [Signature]
(Signature) Bart Stewart, Attorney-in-Fact

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 6268792

American Fire and Casualty Company
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company
West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Bart Stewart; Brittany Aceves

all of the city of Encinitas, state of CA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 3rd day of September, 2013.



American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

STATE OF WASHINGTON ss
COUNTY OF KING

On this 3rd day of September, 2013, before me personally appeared Gregory W. Davenport, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Seattle, Washington, on the day and year first above written.



By: KD Riley
KD Riley, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes Gregory W. Davenport, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, David M. Carey, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 30th day of April, 2014.



By: David M. Carey
David M. Carey, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-810-832-8240 between 9:00 am and 4:30 pm EST on any business day.

CALIFORNIA ALL-PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of San Diego

On 4/30/14 before me, Molly Cashman, Notary Public
(Here insert name and title of the officer)

personally appeared Bart Stewart

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.

Molly Cashman
Signature of Notary Public



ADDITIONAL OPTIONAL INFORMATION

INSTRUCTIONS FOR COMPLETING THIS FORM

Any acknowledgment completed in California must contain verbiage exactly as appears above in the notary section or a separate acknowledgment form must be properly completed and attached to that document. The only exception is if a document is to be recorded outside of California. In such instances, any alternative acknowledgment verbiage as may be printed on such a document so long as the verbiage does not require the notary to do something that is illegal for a notary in California (i.e. certifying the authorized capacity of the signer). Please check the document carefully for proper notarial wording and attach this form if required.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. ~~he/she/they~~- is /are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
 - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
 - ❖ Indicate title or type of attached document, number of pages and date.
 - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document

DESCRIPTION OF THE ATTACHED DOCUMENT
_____ (Title or description of attached document)
_____ (Title or description of attached document continued)
Number of Pages _____ Document Date _____
_____ (Additional information)

CAPACITY CLAIMED BY THE SIGNER
<input type="checkbox"/> Individual (s)
<input type="checkbox"/> Corporate Officer
_____ (Title)
<input type="checkbox"/> Partner(s)
<input type="checkbox"/> Attorney-in-Fact
<input type="checkbox"/> Trustee(s)
<input type="checkbox"/> Other _____

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) ss.

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

Signed: *G. Bullock*

Title: PRESIDENT

Subscribed and sworn to before me this 05 day of MAY, 2014

[Signature]
Notary Public



(SEAL)

BIDDING DOCUMENTS

CONTRACTORS CERTIFICATION OF PENDING ACTIONS

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

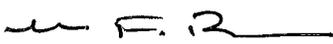
CHECK ONE BOX ONLY.

- The undersigned certifies that within the past 10 years the Bidder has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers.
- The undersigned certifies that within the past 10 years the Bidder has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of that complaint, including any remedial action taken and the applicable dates is as follows:

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

Contractor Name: DICK MILLER INC.

Certified By GLEN BULLOCK Title PRESIDENT
Name

 Date 5-5-14
Signature

USE ADDITIONAL FORMS AS NECESSARY

BIDDING DOCUMENTS

**EQUAL BENEFITS ORDINANCE
CERTIFICATION OF COMPLIANCE**



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

COMPANY INFORMATION	
Company Name: DICK MILLER INC.	Contact Name: GLEN BULLOCK
Company Address: 930 BOARDWALK, SUITE H, SAN MARCOS, CA 92078	Contact Phone: 760-471-6842
	Contact Email: gbullock@dickmillerinc.com

CONTRACT INFORMATION	
Contract Title: MONTGOMERY MIDDLE SCHOOL JOINT USE PARK IMPROVEMENTS	Start Date: N/A
Contract Number (if no number, state location): K-14-4976-DBB-3-C	End Date: N/A

SUMMARY OF EQUAL BENEFITS ORDINANCE REQUIREMENTS

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

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

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

CONTRACTOR EQUAL BENEFITS ORDINANCE CERTIFICATION

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

I affirm compliance with the EBO because my firm (*contractor must select one reason*):

- Provides equal benefits to spouses and domestic partners.
- Provides no benefits to spouses or domestic partners.
- Has no employees.
- Has collective bargaining agreement(s) in place prior to January 1, 2011, that has not been renewed or expired.

I request the City's approval to pay affected employees a cash equivalent in lieu of equal benefits and verify my firm made a reasonable effort but is not able to provide equal benefits upon contract award. I agree to notify employees of the availability of a cash equivalent for benefits available to spouses but not domestic partners and to continue to make every reasonable effort to extend all available benefits to domestic partners.

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

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

GLEN BULLOCK	PRESIDENT		5-5-14
Name/Title of Signatory		Signature	Date

FOR OFFICIAL CITY USE ONLY

Receipt Date:	EBO Analyst:	<input type="checkbox"/> Approved	<input type="checkbox"/> Not Approved – Reason:
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rev 02/15/2011

BIDDING DOCUMENTS

PROPOSAL (BID)

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

Item No.	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
BASE BID							
1	1	LS	237310	9-3.4.1	Mobilization and Off-site Staging Area		\$ 45,000.00
2	1	LS	238910	9-3.1	Demolition		\$ 21,000.00
3	5000	CY	238910	9-3.1	Grading and Fill Placement	\$ 19.00	\$ 95,000.00
4	1550	CY	238910	9-3.1	Excavate and Export	\$ 38.00	\$ 58,900.00
5	3961	CY	237310	9-3.1	Import Topsoil (12 in.)	\$ 40.00	\$ 158,440.00
6	1	LS	561730	9-3.1	Top Soil Preparation		\$ 40,000.00
7	1	LS	237110	9-3.1	Installation of Drainage Improvements		\$ 15,000.00
8	1	LS	561730	9-3.1	Hardscape		\$ 182,308.00
9	1	LS	238210	9-3.1	Lighting (Security Stubouts)		\$ 13,500.00
10	1	LS	561730	308-8	Planting		\$ 6,000.00
11	1	LS	561730	308-8	Irrigation		\$ 67,000.00
12	1	LS	561730	308-8	120-day Plant Establishment Maintenance		\$ 5,200.00
13	1	LS	541330	701-13.8.4	Water Pollution Control Program Development		\$ 1,600.00
14	1	LS	237990	701-13.8.4	Water Pollution Control Program Implementation		\$ 8,500.00
15	1	AL	541330	701-13.8.4	Permit Fee – Type I		\$ 664.00
16	1	LS	237310	9-3.1	Park Signage		\$ 1,600.00
17	1	LS	561730	9-3.1	Background Checks and Fingerprinting		\$ 3,300.00
18	1	LS	237310	9-3.1	ADA Access Striping and Signing		\$ 1,700.00

BIDDING DOCUMENTS

Item No.	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
19	1	AL	237110	9-3.1	Water Meter and Service Fee – Type I	 	\$ 8,866.00
20	1	AL	237110	9-3.1	SDG&E Fee – Type I	 	\$ 5,000.00
21	1	LS	541370	2-9.2	Surveying Services	 	\$ 4,000.00
22	1	LS	561730	4-1.3.4	Inspection Services	 	\$ 500.00
23	1	LS	524126	2-4.1	Bond Payments	 	\$ 10,000.00
24	1	AL		9-3.5	Field Orders - Type II	 	\$80,000.00
ESTIMATED TOTAL BASE BID							\$ 833,078.00
ADDITIVE ALTERNATE "A"							
1	1	LS	237310	9-3.1	Hardscape (Mow Curb at Base of Gunite Slope)	 	\$ 5,250.00
2	1	LS	238210	9-3.1	Installation of Security Lighting	 	\$ 23,200.00
ESTIMATED TOTAL ADDITIVE ALTERNATE "A"							\$ 28,450.00
DEDUCTIVE ALTERNATE "B"							
1	-990	CY	237310	9-3.1	Import Topsoil (9 in.)	\$ 40.00	\$ 36,000.00
ESTIMATED TOTAL DEDUCTIVE ALTERNATE "B"							-\$36,000.00
ESTIMATED TOTAL BASE BID PLUS ADDITIVE ALTERNATE "A" AND DEDUCTIVE ALTERNATE "B"							-\$7,550.00

CW
 - 39,600
 - 39,600 CW
 \$ 821,928.00 CW

BIDDING DOCUMENTS

TOTAL BID PRICE FOR BID (Items 1 through 24 PLUS Additive Alternate A, item 1 through 2 and Deductive Alternate B, item 1 inclusive) amount written in words:

EIGHT HUNDRED EIGHTY FIVE THOUSAND, FIVE HUNDRED TWENTY EIGHT DOLLARS

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

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

GLEN BULLOCK

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

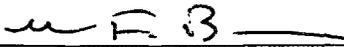
Bidder: Dick Miller Inc. - Glen Bullock

Title: President, Secretary & Treasurer

Business Address: 930 Boardwalk, Suite H, San Marcos, CA 92078

Place of Business: 930 Boardwalk, Suite H, San Marcos, CA 92078

Place of Residence: 5605 Golden Trails Way, Oceanside, CA 92057

Signature: 

BIDDING DOCUMENTS

NOTES:

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

BIDDING DOCUMENTS

LIST OF SUBCONTRACTORS

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

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT (MUST BE FILLED \OUT)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED ②	CHECK IF JOINT VENTURE PARTNERSHIP
Name: RAY WHITE CEMENT Address: P.O. BOX 489 City: FALLBROOK State: CA Zip: 92028 Phone: 760-728-0170	CONTRACTOR	PLEASE TAKE NOTICE Requirement to provide subcontractors license numbers becomes effective July 1, 2014	CONCRETE (PARTIAL)	\$49,875.00			
Name: ACE ELECTRIC, INC. Address: P.O. BOX 601071 City: SAN DIEGO State: CA Zip: 92160 Phone: 619-521-9740	CONTRACTOR		ELECTRICAL (PARTIAL)	\$12,800.00			
Name: SCOTT FENCE COMPANY Address: 1255 DISTRIBUTION WAY City: VISTA State: CA Zip: 92081 Phone: 760-720-3766	CONTRACTOR		FENCING, HAND RAILING, BACKSTOPS (PARTIAL)	\$59,770.00			

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

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

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

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

0.1489
CA

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

BIDDING DOCUMENTS

NAMED EQUIPMENT/MATERIAL SUPPLIER LIST

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

NAME, ADDRESS AND TELEPHONE NUMBER OF VENDOR/SUPPLIER	MATERIALS OR SUPPLIES	SUBCONTRACTOR LICENSE NUMBER	DOLLAR VALUE OF MATERIAL OR SUPPLIES (MUST BE FILLED \OUT)	SUPPLIER (Yes/No)	MANUFACTURER (Yes/No)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [Ⓛ]	WHERE CERTIFIED [Ⓛ]
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____		<div style="border: 1px solid black; padding: 5px; text-align: center;"> PLEASE TAKE NOTICE Requirement to provide subcontractors license numbers becomes effective July 1, 2014 </div>					
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____							
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____							

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

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

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

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

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

BIDDING DOCUMENTS

SUBCONTRACTORS ADDITIVE/DEDUCTIVE ALTERNATE

Bidder shall list all Subcontractors described in the Bidder's *Base Bid* whose percentage of work will increase or decrease if alternates are selected for award. Bidder shall also list additional Subcontractors not described in the Bidder's *Base Bid* who, as a result of the alternates, will perform work or labor, or render services, or specially fabricate and install a portion [type] of work or improvements in an amount in excess of 0.5%.. The Bidder shall list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors that Bidders are seeking recognition towards achieving any mandatory, voluntary, or both subcontracting participation percentages.

ADDITIVE/DEDUCTIVE ALTERNATE	NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT (MUST BE FILLED IN/OUT)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED	CHECK IF JOINT VENTURE PARTNERSHIP
ADDITIVE	Name: RAY WHITE CEMENT Address: P.O. BOX 489 City: FALLBROOK State: CA Zip: 92028 Phone: 760-728-0170	CONTRACTOR	PLEASE TAKE NOTICE Requirement to provide subcontractors license numbers becomes effective July 1, 2014	HARDSCAPE CONCRETE (PARTIAL)	\$5,000.00			
ADDITIVE	Name: ACE ELECTRIC INC. Address: P.O. BOX 601071 City: SAN DIEGO State: CA Zip: 92160 Phone: 619-521-9740	CONTRACTOR		SECURITY LIGHTING	\$22,100.00			
	Name: _____ Address: _____ City: _____ State: CA Zip: _____ Phone: _____	CONTRACTOR						

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

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

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

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

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

City_of_San_Diego Certified Business

1 company(ies) found

May 05, 2014

Company	Contact	Market Area	Certification	Expires	Industry
Dick Miller, Inc.					
Gender	Contact Glen Bullock		DVBE	05/31/2016	237 Heavy and Civil Engineering
Race/Ethnicity	Phone 760-471-6842		Micro	05/31/2016	Construction... 237110 Water and Sewer
	Email gbullock@dickmilleri nc.com		SLBE	05/05/2016	Line and Related Structures Construction



THE CITY OF SAN DIEGO

May 11, 2012

Dick Miller, Inc.
Glen Bullock
Richard Miller
930 Boardwalk Suite G
San Marcos, CA 92078

Subject: Small Local Business Enterprise Certification

Dear Glen and Richard:

Congratulations! We have reviewed your application and you have been approved for certification as a City of San Diego Small Local Business Enterprise (SLBE). Your certification number is 12DM0726 and your classification is Construction. Please reference this certification number when bidding on City projects.

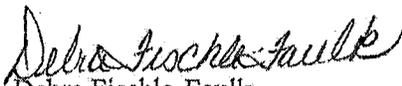
For the City's SLBE Program, your certification is effective May 4, 2012. This certification expires on May 4, 2014 at which time you will need to reapply in accordance with the SLBE guidelines.

Special Note:

To ensure the correct information is included in our database please go to <https://pro.prismcompliance.com> select City of San Diego under jurisdiction, select go, type in your company name, select go, select your company and review the information. If there is inaccurate/missing information please e-mail pjordan@sandiego.gov.

If you have any questions please call 619-236-6297.

Thank you,


Debra Fischle-Faulk
Department Director



Administration Department
Small Local Business Enterprise Program
202 C Street, 9th Floor, MS 9A
San Diego, CA 92101-4806
Telephone (619) 236-6297 Fax (619) 236-7344



**DICK MILLER
 INC - #53651**

Legal Business Name	DICK MILLER INC		
Doing Business As	DICK MILLER INC		
Address	930 BOARDWALK STE H	Phone	(760) 471-6842
	SAN MARCOS, CA 92078	FAX	(760) 471-6178
Email	gbullock@dickmillerinc.com		
Business Types	Construction		
Service Areas	Imperial, Orange, Riverside, San Diego,		
Keywords	GENERAL ENGINEERING EXCAVATION WORK PAVING MASONRY PARKING HIGHWAY IMPROVEMENTS		
Construction License Types	A - General Engineering B - General Building Contractor C-12 - Excavation work and paving		
Classifications	721410 - Highway and road construction services 721411 - Infrastructure building and surfacing and paving services 721519 - Masonry and stonework services 811015 - Civil engineering		

Active Certifications

SB	Approved	20-May-13	31-May-16
DVBE	Approved	4-Jun-13	31-May-16

Certification History

DVBE	Expired	15-May-12	31-May-13
SB	Expired	15-May-12	31-May-13
DVBE	Expired	12-Jun-10	31-May-12
SB (Micro)	Expired	18-May-10	31-May-12
SB (Micro)	Expired	21-Apr-09	30-Apr-10
DVBE	Expired	21-Apr-09	30-Apr-10

California Certification Report

53651 - DICK MILLER INC - SB | DVBE

Legal Business Name	DICK MILLER INC		
Doing Business As	DICK MILLER INC		
Address	930 BOARDWALK STE H	Phone	(760) 471-6842
	SAN MARCOS, CA 92078	FAX	(760) 471-6178
Email	gbullock@dickmillerinc.com		
Web Page			
Active Certifications	SB May 20, 2013 - May 31, 2016		
	DVBE Jun 4, 2013 - May 31, 2016		
Business Types	Construction;		
Classifications	[721410] Highway and road construction services		
	[721411] Infrastructure building and surfacing and paving services		
	[721519] Masonry and stonework services		
	[811015] Civil engineering		
Keywords	GENERAL ENGINEERING EXCAVATION WORK PAVING MASONRY PARKING HIGHWAY IMPROVEMENTS		

PARK CONSTRUCTION INSPECTION STAGES

AND INSPECTION TEAM:

PARK CONSTRUCTION INSPECTION STAGES:

1. PRE-CONSTRUCTION MEETING
2. ROUGH GRADING AND DRAINAGE
3. IRRIGATION MAINLINE PRESSURE TEST
4. WIRING PRIOR TO BACKFILLING TRENCHES.
5. HARDCAPE AT TIME OF FINISHED STAKING AND LAYOUT.
6. FINISH GRADING AND SOIL PREPARATION.
7. IRRIGATION COVERAGE TEST.
8. PLANT MATERIAL (WHEN DELIVERED) AND PLACEMENT APPROVAL.
9. PLAY GROUND INSPECTION, IF APPLICABLE.
10. PROJECT CONSTRUCTION 90% COMPLETE (DEVELOP PUNCH LIST AND SUBMIT REDLINE AS-BUILTS).
11. 90-DAY PLANT MAINTENANCE PERIOD (THIS INSPECTION TO BE HELD WHEN THE PUNCH LIST ITEMS ARE COMPLETE, IF LAWN AREA IS SEEDED, IT IS A 120-DAY PLANT MAINTENANCE PERIOD).
12. FINAL WALK-THROUGH, ACCEPTANCE BY THE CITY. (CONTRACTOR TO SUBMIT FINAL APPROVED AS-BUILTS TO THE CITY).

PARK INSPECTION TEAM

- A. CONTRACTOR(S)
- B. FIELD ENGINEERING DIVISION OR RESIDENT ENGINEER (PUBLIC PROJECT)
- C. CITY PROJECT MANAGER
- D. DESIGN CONSULTANT
- E. CITY PARK & RECREATION DEPARTMENT DISTRICT MANAGER
- F. DSA CLASS 3 PROJECT INSPECTOR

DECLARATION OF RESPONSIBLE CHARGE:

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

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWING AND SPECIFICATIONS BY THE CITY OF SAN DIEGO IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS LANDSCAPE ARCHITECT OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

JULIE HOWARD R.L.A. 2681 DATE

WATER AND SEWER NOTES

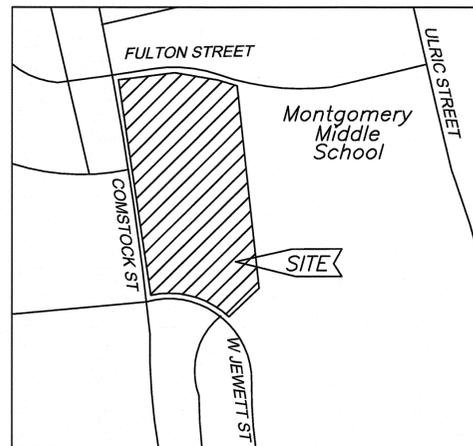
1. PROJECT SHALL RECEIVE A 1-1/2-INCH WATER SERVICE. LOCATION TO BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.
2. LOCATE WATER SERVICE CONNECTIONS OUT OF DRIVEWAYS.
3. ALL CONNECTIONS TO EXISTING WATER MAINS ARE TO BE DONE BY THE CITY'S WATER DEPARTMENT FOR WHICH FEES WILL BE CHARGED. IF THE CONNECTIONS ARE NOT READY TO BE MADE AND THE FEES PAID, THE CITY RESERVES THE RIGHT TO ADJUST THE FEES ACCORDING TO THE FEE SCHEDULE IN EFFECT AT THE TIME THE CONNECTIONS ARE MADE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXPOSE THE EXISTING MAIN AT THE CONNECTION POINT AND TO INSTALL THE NEW MAIN AT THE ALIGNMENT AND GRADE WHICH WILL PERMIT THE CITY TO MAKE A "STRAIGHT IN" CONNECTION WITHOUT USING MORE THAN 10 LINEAL FEET OF PIPE.
4. ALL VALVES WILL BE FLANGED TO TEES AND CROSSES. ONLY GATE VALVES SHALL BE USED IN FIRE HYDRANT INSTALLATIONS.
5. ALL BURIED DUCTILE AND GRAY CAST IRON PIPE, FITTINGS, VALVES AND APPURTENANCES SHALL BE COATED WITH A DIELECTRIC COATING: A LIQUID EPOXY COATING SYSTEM PER AWWA C-210 AT 24 MILS MINIMUM DRY FILM THICKNESS (MDFT), OR A COLD APPLIED THREE PART SYSTEM PETROLEUM WAX TAPE PER AWWA C-217, OR A POLYURETHANE COATING OF 24 MILS MDFT SUITABLE FOR BURIED USE.
6. ALL PROPOSED WATER AND SEWER FACILITY INSTALLATIONS SHALL BE CONSTRUCTED WITH MATERIALS CURRENTLY LISTED IN THE MOST CURRENT EDITION OF THE CITY OF SAN DIEGO WATER UTILITIES DEPARTMENT APPROVED MATERIALS LIST AS REFERENCED IN THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. RECENT REVISIONS INCLUDE BUT IS NOT LIMITED TO THE REQUIREMENT FOR POLYMER CONCRETE WATER METER BOXES INSTEAD OF STANDARD PRECAST CONCRETE WATER METER BOXES.
7. ALL HORIZONTAL SEPARATION DIMENSIONS SHOWN ON PLANS BETWEEN SEWER AND WATER MAINS, SEWER AND RECLAIMED WATER MAINS, SEWER AND STORM DRAINS SHALL BE MEASURED FROM THE NEAREST EDGE OF EACH PIPELINE PER STATE OF CALIFORNIA, DEPARTMENT OF HEALTH SERVICES, BASIC SEPARATION STANDARDS.
8. "NO TREES ALLOWED WITHIN 10-FEET OF ANY PUBLIC SEWER MAIN OR SEWER LATERAL."

CONSTRUCTION CHANGE / ADDENDUM			
CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.

LANDSCAPE ARCHITECTURAL CONSTRUCTION DOCUMENTS FOR

MONTGOMERY MIDDLE SCHOOL

JOINT USE FACILITY

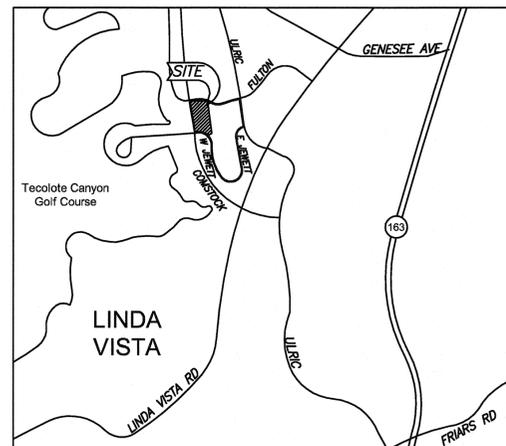


KEY MAP

NO SCALE



North



VICINITY MAP

NO SCALE



North

DESCRIPTION OF WORK

JOINT USE FIELD CONSTRUCTION OF SOCCER FIELD AND TWO SOFTBALL FIELDS: EARTHWORK, BACKSTOP INSTALLATION, FENCE REMOVAL AND REPAIR, CONCRETE PARKING AREA, IRRIGATION SYSTEM, AND PLAYFIELD TURF, LIGHTING (SEE BID DEDUCTIVE ALTERNATES, THIS SHEET) AND ASSOCIATED IMPROVEMENTS.

ABBREVIATIONS

RSD	REGIONAL STANDARD DRAWINGS, CITY OF SAN DIEGO, APRIL 2012
SSPWC	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION CENTERLINE
EA	EACH
ER	END OF CURB RETURN
IN	INCH
DI	DIAMETER
FOC	FACE OF CURB
MIN	MINIMUM
MAX	MAXIMUM
POB	POINT OF BEGINNING
PSI	POUNDS PER SQUARE INCH
SS	STAINLESS STEEL
TYP	TYPICAL
WT	WEIGHT
W/	WITH

HEALTHY SCHOOL ACT

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL REQUIREMENTS OF THE HEALTHY SCHOOLS ACT OF 2000 (AB 2260.) WHENEVER ANY PESTICIDE USE IS INTENDED ON, OR AROUND THE CONSTRUCTION SITE (WHETHER SCHOOL IS IN SESSION OR NOT), THE CONTRACTOR SHALL NOTIFY THE SAN DIEGO UNIFIED SCHOOL DISTRICT (DISTRICT) AT LEAST FOURTEEN (14) DAYS PRIOR TO ANY SUCH APPLICATION, DISCLOSING THE SPECIFIC TYPE OF PESTICIDE THAT WILL BE USED (DISTRICT APPROVED PESTICIDES ONLY). THE CONTRACTOR SHALL ALSO POST WARNING SIGNS AS REQUIRED BY AB 2260, TWENTY-FOUR (24) HOURS PRIOR TO ANY PESTICIDE APPLICATION AND LEAVE WARNING SIGNS POSTED FOR SEVENTY-TWO (72) HOURS AFTER THE APPLICATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING THE POSTED SIGNS IN A TIMELY MANNER AFTER THE POSTING PERIOD. THE CONTRACTOR SHALL NOTIFY PARENTS/GUARDIANS/STAFF WHO HAVE REQUESTED IN WRITING TO BE NOTIFIED SEVENTY-TWO (72) HOURS PRIOR TO A PESTICIDE APPLICATION. THE DISTRICT'S INTEGRATED PEST MANAGEMENT OFFICE WILL SUPPLY A LIST OF THOSE INDIVIDUALS WHO WISH TO BE NOTIFIED TO THE CONTRACTOR DESIGNEE IN CHARGE OF THE PESTICIDE APPLICATION. NOTICE SHALL INCLUDE PRODUCT NAME, THE ACTIVE INGREDIENT(S) IN THE PRODUCT, AND THE INTENDED AREA AND DATED OF APPLICATION. THE CONTRACTOR SHALL PREPARE PESTICIDE RECORDS FOR SUBMITTAL TO THE RESIDENT ENGINEER. FOR ADDITIONAL REQUIREMENTS OR INFORMATION, THE CONTRACTOR MAY CONTACT THE CALIFORNIA DEPARTMENT OF PESTICIDE REGULATION, AT (916) 445-4300.

NOTE: NOTHING IN THE ABOVE PARAGRAPH SUPERSEDES THE PROJECT SPECIFICATIONS.

BENCHMARK

THE BENCHMARK FOR THIS SURVEY IS: 8304 FULTON STREET COMSTOCK STREET 2277 17160 333,809 NEBP

PROJECT ADDRESS

2470 ULRIC STREET
SAN DIEGO, CA 92111
OWNER:
SAN DIEGO UNIFIED SCHOOL DISTRICT
4100 NORMAL STREET
SAN DIEGO, CA 92103
PHONE: (619) 725-8000

PROJECT DIRECTORY

OWNER CONTACT:
RANDY HOMES, PROJECT MANAGER
(619) 573-5979

LANDSCAPE ARCHITECT:
HOWARD ASSOCIATES
2442 SECOND AVE
SAN DIEGO, CALIFORNIA 92101
PHONE: (619) 718-9660
EMAIL: mailbox@howardassoc.com

CIVIL ENGINEER:
LUNDSTROM & ASSOCIATES
5333 MISSION CENTER RD., STE 115
SAN DIEGO, CALIFORNIA 92110
PHONE: (619) 641-5900
FAX: (619) 641-5910
EMAIL: info@lundstrom.cc

ELECTRICAL ENGINEER:
KRUSE & ASSOCIATES
12245 WORLD TRADE DRIVE, STE E
SAN DIEGO, CALIFORNIA 92128
PHONE: (858) 676-9776
FAX: (858) 676-9744

SHEET INDEX

SHEET NUMBER	D-SHEET NUMBER	SHEET TITLE
1 R	35375-1-D	TITLE SHEET
2 R	35375-2-D	DEMOLITION PLAN
3 R	35375-3-D	GRADING PLAN COVER SHEET & DETAILS
4 R	35375-4-D	GRADING DETAILS
5 R	35375-5-D	PRECISE GRADING PLAN
6 R	35375-6-D	SYMBOLS LIST
7 R	35375-7-D	SITE ELECTRICAL
8 R	35375-8-D	DETAIL, SINGLE LINE DIAGRAM, PANEL & FIXTURE SCHEDULES
9 R	35375-9-D	SITE PHOTOMETRIC
10 R	35375-10-D	CONSTRUCTION PLAN
11 R	35375-11-D	CONSTRUCTION PLAN / SITE PLAN
12 R	35375-12-D	CONSTRUCTION DETAILS
13 R	35375-13-D	CONSTRUCTION DETAILS
14 R	35375-14-D	IRRIGATION PLAN
15 R	35375-15-D	IRRIGATION LEGEND, NOTES AND DETAILS
16 R	35375-16-D	PLANTING PLAN
17 R	35375-17-D	PLANTING LEGEND AND NOTES
18 R	35375-18-D	WATER POLLUTION CONTROL PLAN
19 R	35375-19-D	R.S.D. DETAILS
20 R	35375-20-D	R.S.D. DETAILS
21 R	35375-21-D	R.S.D. DETAILS
22 R	35375-22-D	R.S.D. DETAILS
23 R	35375-23-D	R.S.D. DETAILS
24 R	35375-24-D	R.S.D. DETAILS
25 R	35375-25-D	R.S.D. DETAILS

BID ADDITIVE ALTERNATES

NOTE TO THE CONTRACTOR - THE FOLLOWING ADDITIVE ALTERNATES SHOULD BE BID AS SEPARATE LINE ITEMS:

1. INSTALL CONDUIT AND LIGHTING PER PLAN; ADD LIGHTING CONTROLLER AND LIGHT STANDARDS. INSTALL JUNCTION BOXES AT ALL LIGHT STANDARD LOCATIONS.
2. INSTALL MOW CURB AT BASE OF GUNITE SLOPE.
3. UNDERCUT 9 INCHES AND INSTALL CLASS A TOP SOIL TO A DEPTH OF 9 INCHES IN ALL TURF AREAS (RATHER THAN 12 INCHES AS INDICATED IN BASE BID).

CAUTION:

BEFORE EXCAVATING, VERIFY THE LOCATION OF UNDERGROUND UTILITIES. AT LEAST TWO (2) WORKING DAYS PRIOR TO EXCAVATION, THE CONTRACTOR SHALL REQUEST MARKOUT OF UNDERGROUND UTILITIES BY CALLING THE BELOW LISTED REGIONAL NOTIFICATION CENTER FOR AN INQUIRY IDENTIFICATION NUMBER:

- UNDERGROUND SERVICE ALERT 800/422-4133
(GAS, ELECTRIC, TELEPHONE, WATER SEWER, LIGHTING, AND TV)
- IRRIGATION SYSTEM 619/235-1179
IRRIGATION CONTROL WIRE: 619/533-5784
FACILITIES MAINTENANCE DIVISION 619/236-5500



HOWARD ASSOCIATES
landscape architecture
2442 SECOND AVE
SAN DIEGO, CA 92101
PHONE: (619) 718-9660
FAX: (619) 641-5910
HAI PROJ. #07026 DATE: 01-14-2014

TITLE SHEET		FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY		SPEC. # 4976	
CITY OF SAN DIEGO, CALIFORNIA		PUBLIC WORKS DEPARTMENT		WBS NO. S-00973	
SHEET 1 OF 25 SHEETS		DATE: 1/28/14		FOR CITY ENGINEER	
DESCRIPTION	HAI	APPROVED	DATE	FILMED	
ORIGINAL					
AS BUILT					
CONTRACTOR		DATE STARTED			
INSPECTOR		DATE COMPLETED			
					35375-1-D

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 111634
AC 97 FLS #12 SS CA
DATE JAN 15 2014
P.E. Gary Lau
S.S. Gary Lau
P.L.S. P. Shay

APPLICABLE STANDARD DRAWINGS

AND SPECIFICATIONS:

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

GREENBOOK - STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (2012 EDITION).

CITY OF SAN DIEGO "WHITEBOOK" SUPPLEMENT TO THE GREENBOOK (2012).

CITY OF SAN DIEGO STANDARD DRAWINGS (2012).

2010 CALIFORNIA BUILDING CODE TITLE 24 DISABLED ACCESS REGULATIONS, CURRENT EDITION.

AMERICANS WITH DISABILITIES ACT REGULATION: ADAAG (THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES) ISSUED BY THE ARCHITECTURAL AND TRANSPORTATION BARRIERS COMPLIANCE BOARD. (CURRENT REVISION).

MANUAL OF TRAFFIC CONTROL FOR CONSTRUCTION AND MAINTENANCE WORK ZONES, STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION, DOCUMENT NO. 769744, CURRENT EDITION.

U.S. CONSUMER PRODUCTS SAFETY COMMISSION HANDBOOK FOR PLAYGROUND SAFETY, CURRENT EDITION.

(NOTE: THE LATEST EDITIONS OF THE PRECEDING SPECIFICATIONS AND DRAWINGS SHOULD BE USED, WHERE ONE OR MORE SETS OF SPECIFICATIONS OR DRAWINGS ARE APPLICABLE, THE MORE RESTRICTIVE WILL TAKE PRECEDENCE.)

PARTIAL LIST OF APPLICABLE CODES as of 01-1-2013

- 2010 BUILDING STDS. ADMIN. CODE, PART 1, TITLE 24 C.C.R.
- 2010 CAL. BLDG. CODE (CBC) PART 2, TITLE 24, C.C.R. (2009 INTERNATIONAL BUILDING CODE AND 2010 CAL. AMENDMENTS)
- 2010 CBC PART 3, TITLE 24, C.C.R.
- 2010 CBC PART 5, TITLE 24, C.C.R.
- 2010 CBC PART 9, TITLE 24, C.C.R.
- 2010 CAL. ELEC. CODE (CEC), PART 3, TITLE 24 C.C.R. (2008 NAT. ELEC. CODE AND 2010 CAL. AMENDMENTS)
- 2010 CAL. MECH. CODE (CMC), PART 4, TITLE 24 C.C.R. (2009 UNIFORM MECH. CODE AND 2010 CAL. AMENDMENTS)
- 2010 CAL. PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. (2009 UNIFORM PLUMBING CODE AND 2010 CAL. AMENDMENTS)
- 2010 CAL. ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
- 2010 CAL. FIRE CODE, PART 9, TITLE 24 C.C.R. (2009 INT. FIRE CODE AND 2010 CAL. AMENDMENTS)
- 2010 CAL. GREEN BLDG. STDS. CODE (CALGreen), PART 11, TITLE 24 C.C.R.
- 2010 CAL. REFERENCED STDS., PART 12, TITLE 24 C.C.R.
- TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.

PARTIAL LIST OF APPLICABLE STANDARDS

- NFPA 13 AUTOMATIC SPRINKLER SYSTEMS 2010 EDITION
- NFPA 14 STANDPIPE SYSTEMS (CA AMENDED) 2007 EDITION
- NFPA 17a WET CHEMICAL SYSTEMS 2002 EDITION
- NFPA 20 STATIONARY BUMPS 2007 EDITION
- NFPA 24 PRIVATE FIRE MAINS (CA AMENDED) 2010 EDITION
- NFPA 72 NATIONAL FIRE ALARM CODE (CA AMENDED) 2010 EDITION
- NFPA 80 FIRE DOOR AND OTHER OPENING PROTECTIVES 2007 EDITION
- NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEMS 2008 EDITION
- REFERENCE CODE CESTIONFOR NFPA STANDARDS - 2010 CBC (SFM) CHAP. 35. SEE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO NFPA STANDARDS.

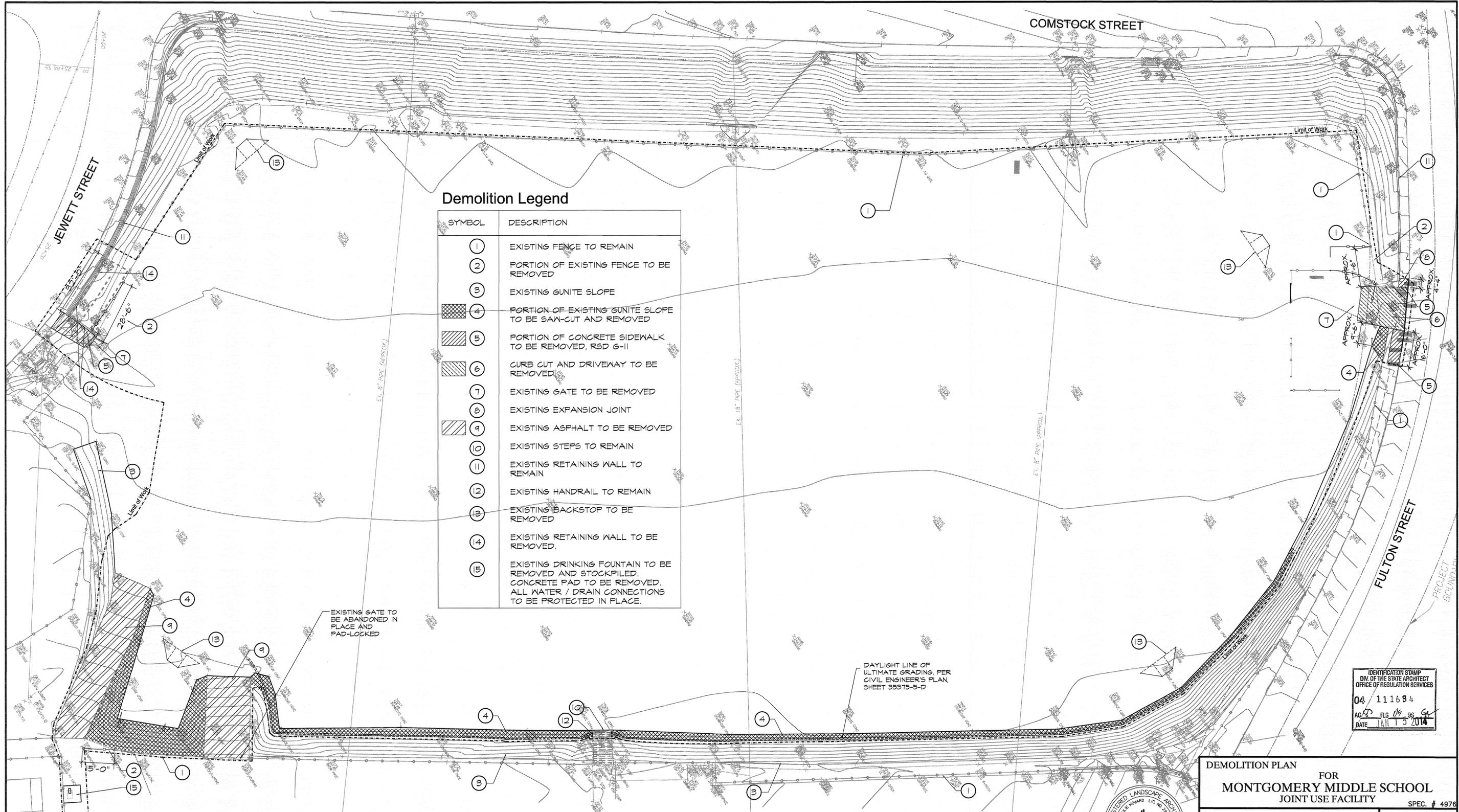
DSA NOTES

1. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR CHANGE ORDER APPROVED BY THE DIVISION OF THE STATE ARCHITECT AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.
2. A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT AND APPROVED BY D.S.A. SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24 CCR; CLASS-43ND ASSISTANT INSPECTOR SHALL RELIEVE THE CLASS-#3 INSPECTOR OF THE DUTY DESCRIBED ABOVE.
3. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

DSA Revision #1

MONTGOMERY MIDDLE SCHOOL

SCANNED



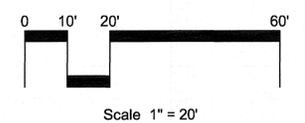
Demolition Legend

SYMBOL	DESCRIPTION
①	EXISTING FENCE TO REMAIN
②	PORTION OF EXISTING FENCE TO BE REMOVED
③	EXISTING GUNITE SLOPE
④	PORTION OF EXISTING GUNITE SLOPE TO BE SAW-CUT AND REMOVED
⑤	PORTION OF CONCRETE SIDEWALK TO BE REMOVED, RSD 6-II
⑥	CURB CUT AND DRIVEWAY TO BE REMOVED
⑦	EXISTING GATE TO BE REMOVED
⑧	EXISTING EXPANSION JOINT
⑨	EXISTING ASPHALT TO BE REMOVED
⑩	EXISTING STEPS TO REMAIN
⑪	EXISTING RETAINING WALL TO REMAIN
⑫	EXISTING HANDRAIL TO REMAIN
⑬	EXISTING BACKSTOP TO BE REMOVED
⑭	EXISTING RETAINING WALL TO BE REMOVED
⑮	EXISTING DRINKING FOUNTAIN TO BE REMOVED AND STOCKPILED. CONCRETE PAD TO BE REMOVED. ALL WATER / DRAIN CONNECTIONS TO BE PROTECTED IN PLACE.

EXISTING GATE TO BE ABANDONED IN PLACE AND PAD-LOCKED

DAYLIGHT LINE OF ULTIMATE GRADING, PER CIVIL ENGINEER'S PLAN, SHEET 35375-5-D

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 04 111634
 AC 2 RLS 1/2 SRS G
 DATE JAN 15 2014



HOWARD ASSOCIATES
 landscape architecture
 2402 RECORD AVENUE SAN DIEGO CA 92101 619 738 9900
 HAI PROJ. #07026 DATE: 01-14-2014

DEMOLITION PLAN FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY				SPEC. # 4976
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 2 OF 25 SHEETS			WBS NO. S-00973	
FOR CITY ENGINEER	DATE	1/28/14	SECTION HEAD	KEVIN OLIVER
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	HAI			
AS BUILT				PROJECT MANAGER MARK CALLERAN
CONTRACTOR				PUBLIC WORKS DEPT. CONSTRUCTION DEPARTMENT
INSPECTOR				226-1713 LABORER COORDINATOR
DATE STARTED				35375-2-D
DATE COMPLETED				

SPECIAL NOTES:

THE FOLLOWING NOTES ARE PROVIDED TO GIVE DIRECTION TO THE CONTRACTOR BY THE ENGINEER OF WORK.

- CONTRACTOR AGREES THAT HE WILL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY THAT THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER
- THE CONTRACTOR SHALL BE RESPONSIBLE TO INSURE THAT ALL SLOPES AND STORM RUNOFF FACILITIES INCLUDING BROW DITCHES, SWALES, AND OUTLET PIPES OF DESILTING BASINS ARE BUILT IN ACCORDANCE WITH THESE PLANS. THE CONTRACTOR SHALL ALSO TAKE THE NECESSARY STEPS TO PROTECT THE PROJECT AND ADJACENT PROPERTY FROM ANY EROSION AND SILTATION THAT RESULT FROM HIS OPERATIONS BY APPROPRIATE MEANS (SAND BAGS, HAY BALES, TEMPORARY DESILTING BASINS, SILT FENCES, DIKES, SHORING, ETC.) UNTIL SUCH TIME THAT THE TOTAL PROJECT IS COMPLETED AND ACCEPTED FOR MAINTENANCE BY OWNER.
- THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. NEITHER THE OWNER NOR THE ENGINEER OF WORK WILL ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATION.
- IF THERE IS ANY QUESTION REGARDING THESE PLANS OR FIELD STAKES, THE CONTRACTOR SHALL REQUEST AN INTERPRETATION BEFORE DOING ANY WORK BY CALLING THE RESIDENT ENGINEER.
- WHERE TRENCHES ARE ADJACENT TO FUTURE BUILDING SITES, SOILS REPORTS SHALL BE SUBMITTED TO THE ENGINEER OF WORK BY A QUALIFIED SOILS ENGINEER WHICH CERTIFY THAT TRENCH BACKFILL WAS COMPACTED AS DIRECTED BY THE SOILS ENGINEER IN ACCORDANCE WITH THE ON-SITE EARTHWORK SPECIFICATIONS.
- BEFORE EXCAVATING FOR THIS CONTRACT, VERIFY LOCATION OF UNDERGROUND UTILITIES. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS ONLY AND MAY NOT REFLECT ALL EXISTING UTILITIES LOCATIONS OF ALL EXISTING UTILITIES SHALL BE CONFIRMED BY FIELD MEASUREMENTS BY CONTRACTOR PRIOR TO CONSTRUCTION OF WORK.
- CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHER EXISTING LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
- EXISTING UTILITIES SHOWN HEREON ARE BASED ON AVAILABLE RECORD INFORMATION. CONTRACTOR IS TO NOTIFY ENGINEER OF WORK OF ANY CONFLICTS OR ANY OTHER UTILITIES ENCOUNTERED PRIOR TO PROCEEDING WITH CONSTRUCTION.
- THE CONTRACTOR SHALL UNCOVER ALL UTILITIES THAT HE MAY BE JOINING, CROSSING, OR PARALLELING TO VERIFY BOTH HORIZONTAL AND VERTICAL LOCATION PRIOR TO ANY CONSTRUCTION. ANY CONFLICT OR DISCREPANCY SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO CONSTRUCTION. OTHERWISE THE CONTRACTOR ACCEPTS FULL RESPONSIBILITY FOR ANY ADDITIONAL CONSTRUCTION OR RELOCATION COSTS.
- CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF OTHER CONTRACTORS WORKING ON THE SITE, INCLUDING GRADING, DRAINAGE, LANDSCAPING AND IRRIGATION.
- THE CONTRACTOR SHALL CONFIRM BY FIELD MEASUREMENTS THE LOCATION AND ELEVATIONS OF ALL IMPROVEMENTS PROPOSED TO BE CONSTRUCTED PRIOR TO ACTUAL CONSTRUCTION. THE CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS TO LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO THE PLANS IF REVISIONS ARE NECESSARY DUE TO THE ACTUAL LOCATION OF THESE FACILITIES.
- CONTRACTOR SHALL NOTIFY SAN DIEGO GAS AND ELECTRIC COMPANY PRIOR TO STARTING WORK NEAR COMPANY FACILITIES AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES.
- CONTRACTOR SHALL NOTIFY SBC TELEPHONE COMPANY PRIOR TO STARTING WORK NEAR COMPANY FACILITIES AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES.
- BEFORE EXCAVATING FOR THIS CONTRACT, VERIFY LOCATION OF UNDERGROUND UTILITIES. THE CONTRACTOR SHALL TELEPHONE FOR:
 UNDERGROUND SERVICE ALERT (800) 422-4133
 STREET DIVISION (619) 527-7500
 FACILITIES MAINTENANCE DIVISION (BUILDINGS) (619) 525-8540
 PARK & RECREATION DEPARTMENT (IRRIGATION) (619) 579-4101
- CAUTION: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

UNDERGROUND SERVICE ALERT

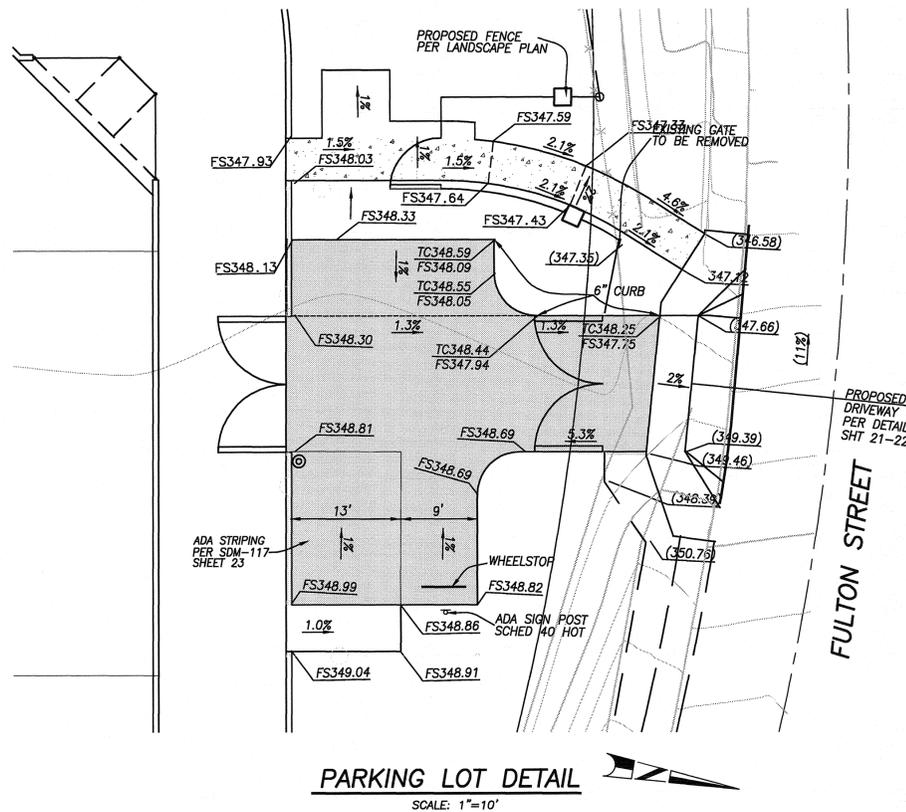
CALL TOLL FREE
1-800
422-4133

TWO WORKING DAYS BEFORE YOU DIG
"CAUTION": REMEMBER THAT THE USA CENTER NOTIFIES ONLY THOSE UTILITIES BELONGING TO THE CENTER. THERE COULD BE OTHER UTILITIES PRESENT AT THE WORK SITE. THE CENTER WILL INFORM YOU OF WHOM THEY WILL NOTIFY.

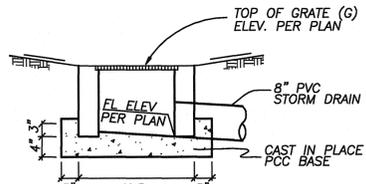
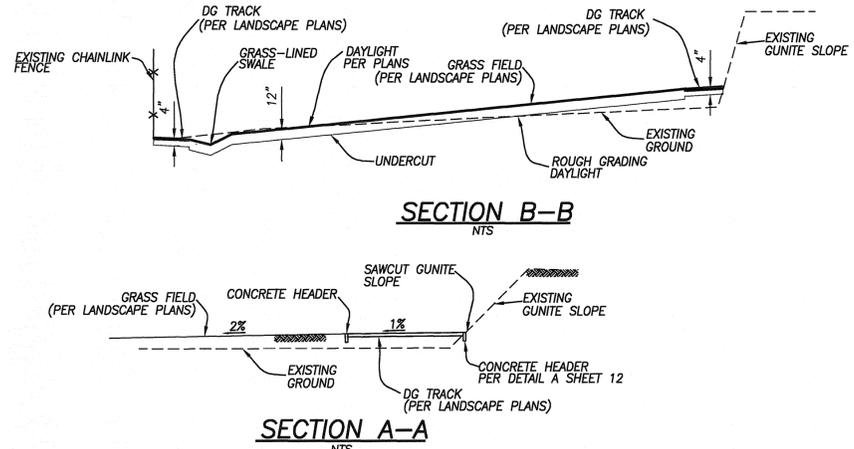
GENERAL NOTES:

- APPROVAL OF THESE PLANS BY DSA DOES NOT AUTHORIZE ANY WORK TO BE PERFORMED UNTIL APPROVAL OR A NOTICE TO PROCEED HAS BEEN ISSUED.
- THE APPROVAL OF THIS PLAN OR ISSUANCE OF A PERMIT BY THE DSA DOES NOT AUTHORIZE THE SUBDIVIDER AND OWNER TO VIOLATE ANY FEDERAL, STATE OR CITY LAWS, ORDINANCES, REGULATIONS, OR POLICIES, INCLUDING, BUT NOT LIMITED TO, THE FEDERAL ENDANGERED SPECIES ACT OF 1973 AND THE AMENDMENTS THERETO (16 USC SECTION 1531 ET. SEQ.)
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, A LAND SURVEYOR SHALL REPLACE SUCH MONUMENTS WITH APPROPRIATE MONUMENTS: A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT. IF ANY VERTICAL CONTROL IS TO BE DISTURBED OR DESTROYED, THE DSA FIELD SURVEY MUST BE NOTIFIED, IN WRITING, AT LEAST 3 DAYS PRIOR TO THE CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COST OF REPLACING ANY VERTICAL CONTROL BENCHMARKS DESTROYED BY THE CONSTRUCTION.
- IMPORTANT NOTICE: SECTION 4216 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE 1-800-422-4133, TWO DAYS BEFORE COMMENCING OF WORK.
- CONTRACTOR SHALL IMPLEMENT AN EROSION AND SEDIMENT CONTROL PROGRAM DURING THE PROJECT GRADING AND/OR CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET THE APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCES CONTROL BOARD AND THE CITY OF SAN DIEGO MUNICIPAL CODE AND STORM WATER STANDARDS MANUAL.
- "PUBLIC IMPROVEMENT SUBJECT TO DESUETUDE OR DAMAGE." IF REPAIR OR REPLACEMENT OF SUCH PUBLIC IMPROVEMENTS IS REQUIRED, THE OWNER SHALL OBTAIN THE REQUIRED PERMITS FOR WORK IN THE PUBLIC RIGHT-OF-WAY, SATISFACTORY TO THE PERMIT-ISSUING AUTHORITY.
- ALL EXISTING AND/OR PROPOSED PUBLIC UTILITY SYSTEM AND SERVICE FACILITIES SHALL BE INSTALLED UNDERGROUND IN ACCORDANCE WITH SECTION 144.0240 OF THE MUNICIPAL CODE.
- PRIOR TO ANY DISTURBANCE TO THE SITE, EXCLUDING UTILITY MARK-OUTS AND SURVEYING, THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR A PRE-CONSTRUCTION MEETING WITH THE CITY OF SAN DIEGO FIELD ENGINEERING DIVISION (858) 627-3200.
- DEVIATIONS FROM THESE SIGNED PLANS WILL NOT BE ALLOWED UNLESS A CONSTRUCTION CHANGE IS APPROVED BY THE RESIDENT ENGINEER
- AS-BUILT DRAWINGS MUST BE SUBMITTED TO THE RESIDENT ENGINEER PRIOR TO ACCEPTANCE OF THIS PROJECT BY THE DSA.
- AN AS-GRADED GEOTECHNICAL REPORT SHALL BE SUBMITTED TO BOOTH 32 ON THE THIRD FLOOR OF DEVELOPMENT SERVICES WITHIN 15 CALENDAR DAYS OF COMPLETION OF GRADING. AN ADDITIONAL SET SHALL BE PROVIDED TO THE FIELD INSPECTION DIVISION.
- THE AREA WHICH IS DEFINED AS A NON GRADING AREA AND WHICH IS NOT TO BE DISTURBED SHALL BE STAKED PRIOR TO START OF THE WORK. THE PERMIT APPLICANT AND ALL OF THEIR REPRESENTATIVES OR CONTRACTORS SHALL COMPLY WITH THE REQUIREMENTS FOR PROTECTION OF THIS AREA AS REQUIRED BY ANY APPLICABLE AGENCY. ISSUANCE OF THE CITY'S GRADING PERMIT SHALL NOT RELIEVE THE APPLICANT OR ANY OF THEIR REPRESENTATIVES OR CONTRACTORS FROM COMPLYING WITH ANY STATE OR FEDERAL REQUIREMENTS BY AGENCIES INCLUDING BUT NOT LIMITED TO CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, CALIFORNIA DEPARTMENT OF FISH AND GAME. COMPLIANCE MAY INCLUDE OBTAINING PERMITS, OTHER AUTHORIZATIONS, OR COMPLIANCE WITH MANDATES BY ANY APPLICABLE STATE OR FEDERAL AGENCY.
- CONTRACTOR SHALL REMOVE AND REPLACE ALL UTILITY BOXES SERVING AS HANDHOLES THAT ARE NOT IN "AS-NEW" CONDITION IN PROPOSED SIDEWALK. DAMAGED BOXES, OR THOSE THAT ARE NOT IN COMPLIANCE WITH CURRENT CODE SHALL BE REMOVED AND REPLACED WITH NEW BOXES, INCLUDING WATER, SEWER, TRAFFIC SIGNALS, STREET LIGHTS, DRY UTILITIES-SD&E, COX, ETC. ALL NEW METAL LIDS SHALL BE SLIP RESISTANT (FRICTION FACTOR >= 0.50) AND INSTALLED FLUSH WITH PROPOSED SIDEWALK GRADE. IF A SLIP RESISTANT METAL LID IS NOT COMMERCIALY AVAILABLE FOR THAT USE, NEW BOXES AND LIDS SHALL BE INSTALLED.

MONTGOMERY MIDDLE SCHOOL CITY OF SAN DIEGO



PARKING LOT DETAIL
SCALE: 1"=10'



**TYPE 4 CATCH BASIN
1212 TID BROOKS BOX WITH
CAST IRON TRAFFIC GRATE (LOCK-DOWN)**
NTS

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:

- STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION FOR PUBLIC WORKS, 2012 EDITION (GREENBOOK)
- 2006 STANDARD SPECIAL PROVISIONS FOR SIGNALS, LIGHTINGS AND ELECTRICAL SYSTEMS OF THE CITY OF SAN DIEGO
- MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), 2009 EDITION, INCLUDING THE CALIFORNIA SUPPLEMENT.
- STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS (JULY 2010)

STANDARD DRAWINGS:

- CITY OF SAN DIEGO STANDARD DRAWINGS, INCLUDING ALL REGIONAL STANDARD DRAWINGS 2012
- STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, STANDARD PLANS 2010

GRADING QUANTITIES:

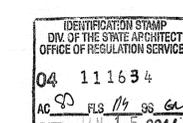
CUT: 2,500 CY
FILL: 950 CY
EXPORT: 1,550 CY
THESE QUANTITIES DO NOT INCLUDE TOPSOIL OR DG

LEGEND

SYMBOL	STD. DWG. NO.	SYMBOL
EXISTING CONTOUR		2391
DAYLIGHT LINE		11-6-11
SLOPE (2:1 MAX.)		V V V
FINISH CONTOUR		2390
EXISTING GRADE ELEVATION		(2390.5)
FINISH GRADE/SWALE ELEVATION		2390.5
SWALE (1% MIN.)		---
4" PCC SIDEWALK	SEE SHEET 21-23	---
PVC STORM DRAIN	D-60 & D-61, SIZE PER PLAN SEE SHEET 21	---
CATCH BASIN	PER DETAIL SHEET 1	□
CONCRETE PARKING LOT	SEE SHEET 21-23	---
ADA SIGN POST	SCHED. 40 HOT DIPPED GALVANIZED	⊕
WHEELSTOP	6' LONG	---
CONCRETE STAIRS	M-26 (SEE SHEET 23)	---
TRUNCATED DOMES	G-30 (SEE SHEET 22)	---

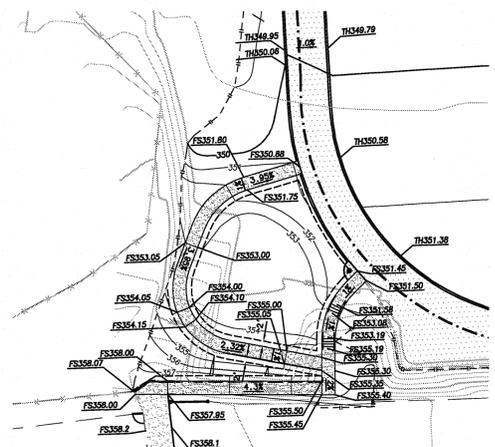
1101B.5 CONSTRUCTION AND MANUFACTURING TOLERANCES
ALL DIMENSIONS ARE SUBJECT TO CONVENTIONAL INDUSTRY TOLERANCES EXCEPT WHERE THE REQUIREMENT IS STATED AS A RANGE WITH SPECIFIC MINIMUM AND MAXIMUM END POINTS.

PLEASE PROVIDE SOME DIRECTION WITHIN DOCUMENTS THAT THERE IS NO CONSTRUCTION TOLERANCE PERMITTED TO ALLOW SLOPES OR CROSS SLOPES TO EXCEED MAXIMUM OR MINIMUM CODE REQUIRED END POINTS.

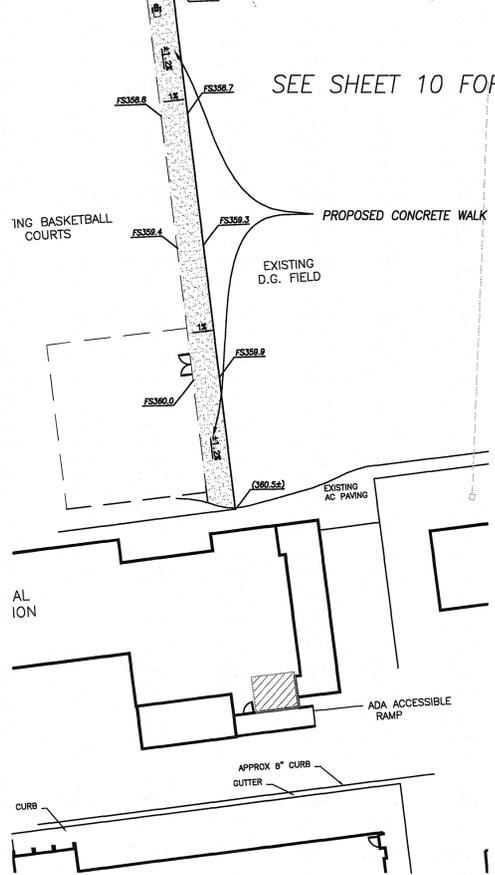


5333 Mission Center Road, Suite 115
San Diego, CA 92108
Tel: 619.641.5900 Fax: 619.641.5910

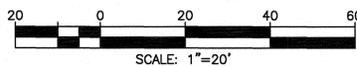
PRECISE GRADING PLAN FOR:		MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY		SPEC. # 4976
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 3 OF 25 SHEETS		WBS NO. S-00873		
FOR CITY ENGINEER		DATE 1/28/14		
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL				
AS BUILT		DATE STARTED		35375-3-D
CONTRACTOR		DATE COMPLETED		



SEE SHEET 10 FOR CONSTRUCTION DETAILS



ADA ACCESS TO THE SCHOOL
SCALE: 1"=20'

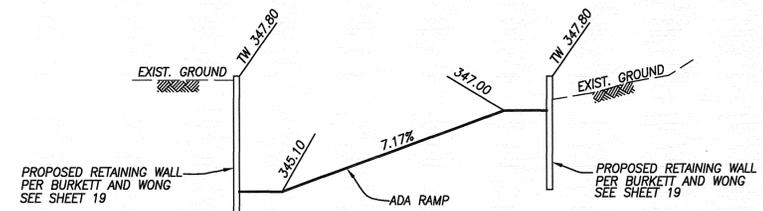


UNDERGROUND SERVICE ALERT
CALL TOLL FREE
1-800-422-4133
TWO WORKING DAYS BEFORE YOU DIG
"CAUTION": REMEMBER THAT THE USA CENTER NOTIFIES ONLY THOSE UTILITIES BELONGING TO THE CENTER. THERE COULD BE OTHER UTILITIES PRESENT AT THE WORK SITE. THE CENTER WILL INFORM YOU OF WHOM THEY WILL NOTIFY.

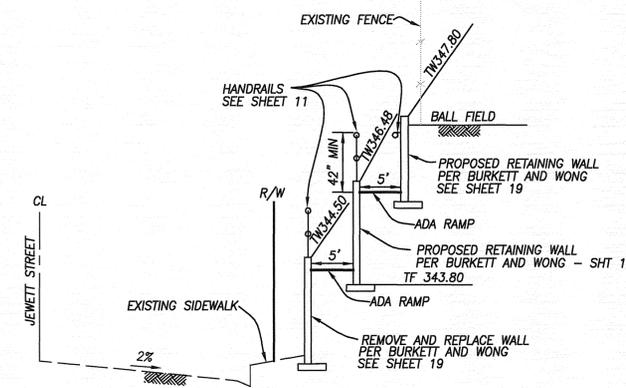
CAUTION!!
EXACT LOCATION OF EXISTING UTILITIES IS UNKNOWN



5333 Mission Center Road, Suite 115
San Diego, CA 92108
Tel: 619.641.5900 Fax: 619.641.5910



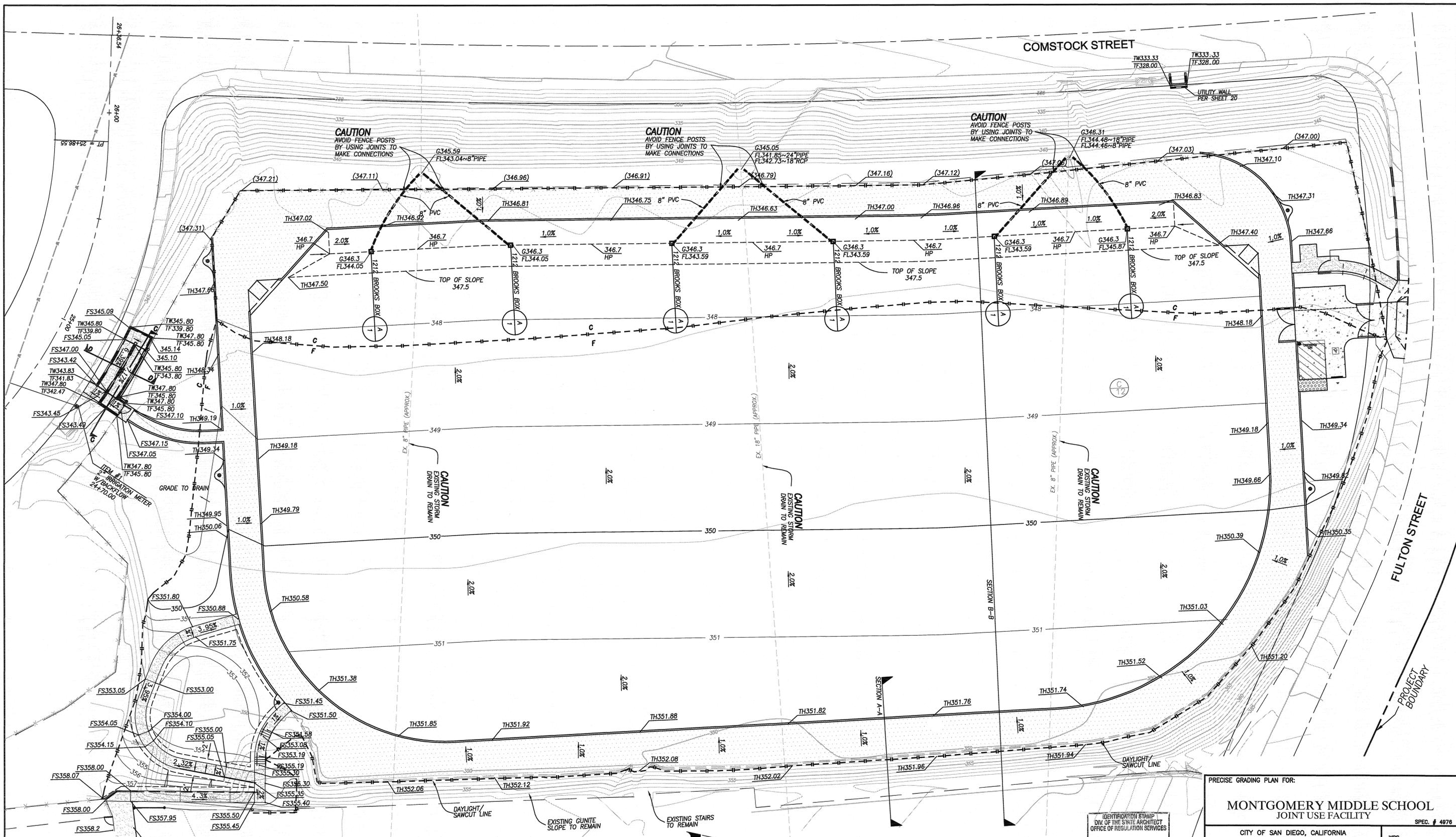
SECTION C-C
N.T.S.
SEE SHEET 5



SECTION D-D
N.T.S.
SEE SHEET 5

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 111634
ACCD FLS 1/7 98 CA
DATE JAN 15 2016

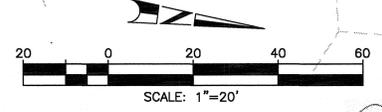
PRECISE GRADING PLAN FOR:				
MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY				
SPEC. # 4976				
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 4 OF 25 SHEETS			WBS NO. S-00973	
FOR CITY ENGINEER			DATE 1/28/14	
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL				
AS BUILT			DATE STARTED	
CONTRACTOR			DATE COMPLETED	
INSPECTOR			35375-4-D	



SEE SHEET 10 FOR CONSTRUCTION DETAILS

UNDERGROUND SERVICE ALERT
 CALL TOLL FREE
 1-800-422-4133
 TWO WORKING DAYS BEFORE YOU DIG
 "CAUTION" REMEMBER THAT THE USA CENTER NOTIFIES
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 THERE COULD BE OTHER UTILITIES PRESENT AT THE
 WORK SITE. THE CENTER WILL INFORM YOU OF WHOM
 THEY WILL NOTIFY.

CAUTION!!
 EXACT LOCATION OF
 EXISTING UTILITIES
 IS UNKNOWN



5333 Mission Center Road, Suite 115
 San Diego, CA 92108
 Tel: 619.641.5900 Fax: 619.641.5910

IDENTIFICATION STAMP
 DIV. OF THE SITE ARCHITECT
 OFFICE OF REGULATION SERVICES
 04 111634
 AC 17 17 08 ca
 DATE JAN 15 2014

PRECISE GRADING PLAN FOR:		MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY		SPEC. # 4976
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 5 OF 25 SHEETS		WBS NO. S-00873	KEVIN OLIVER SECTION HEAD	
FOR CITY ENGINEER		DATE 1/28/14	MARK CALLERAN PROJECT MANAGER	
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL				
AS BUILT		228-1713		PUBLIC WORKS DEPT. CONSTRUCTION DEPARTMENT
CONTRACTOR	DATE STARTED	35375-5-D		LAMBERT COORDINATES
INSPECTOR	DATE COMPLETED			

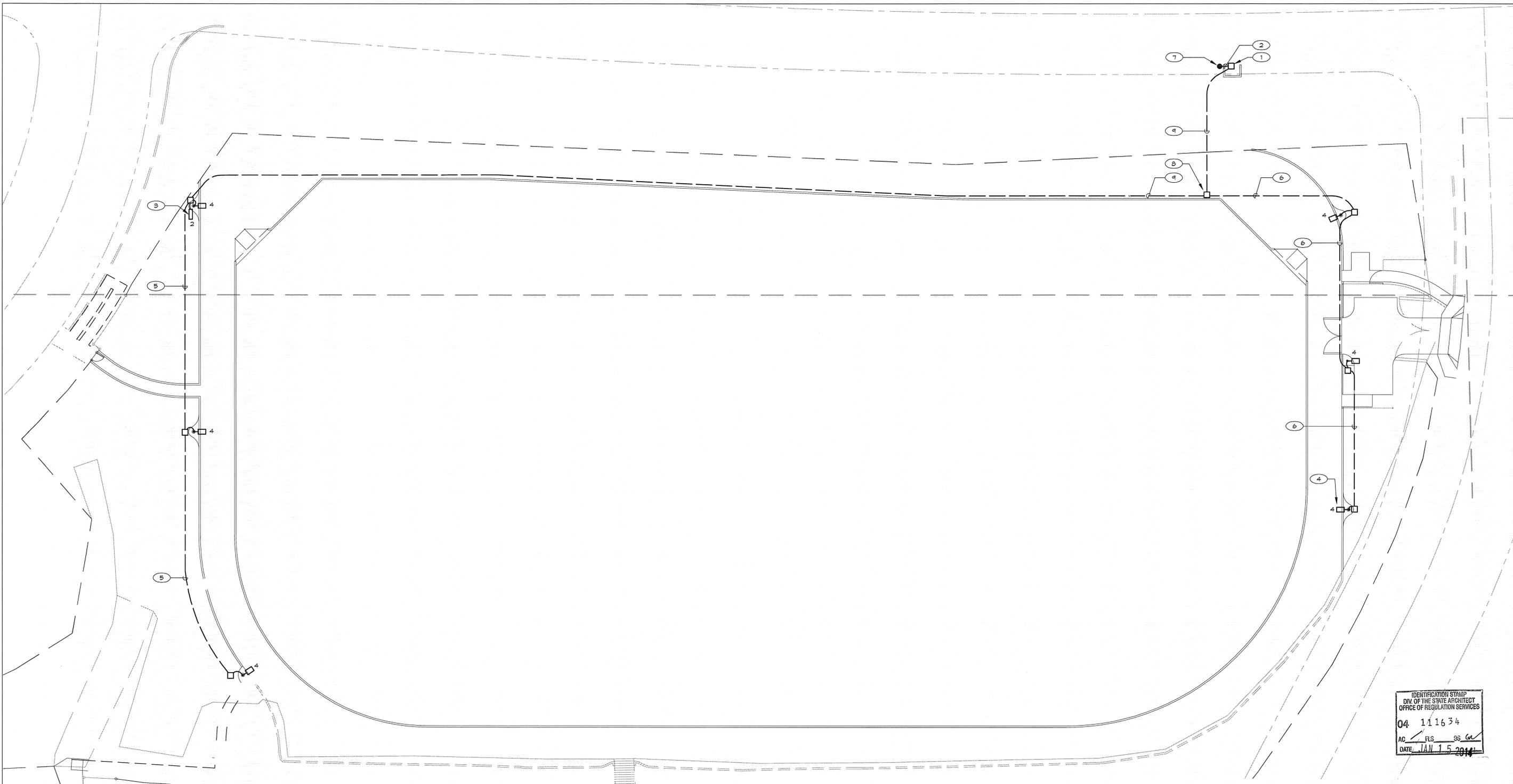
LIGHTING/SWITCHING SYMBOLS	POWER SYMBOLS	ABBREVIATIONS
<p> LIGHTING CONTROL PANEL, SEE CONTROL DETAIL AND SCHEDULES FOR MORE INFORMATION.</p> <p> PUSH BUTTON LOW VOLTAGE OVERRIDE CONTROL SWITCH</p> <p> ZONE CONTROLLED (UPPER CASE LETTER DENOTES ZONE CONTROLLED)</p> <p> SWITCH LEG CONTROLLED (LOWER CASE LETTER DENOTES SWITCH LEG CONTROLLED)</p> <p> SWITCH, SINGLE POLE 20A, MTD, 48" AFF TO TOP, DESIGNATION TO CONTROL LIGHTING IN CIRCUIT LEGS, DEVICE: WHITE COVERPLATE: WHITE 2- DOUBLE POLE K - KEYPAD SWITCH 3- THREE WAY T - MANUAL MOTOR STARTER WITH THERMAL OVERLOADS 4- FOUR WAY D - LOAD RATED DIMMER PL - PILOT LIGHT PB - PUSHBUTTON</p> <p> WALL MOUNTED MOTION CONTROLLED LIGHTING SWITCH WITH INTEGRAL BI-LEVEL SWITCHING, DEVICE - WHITE MTD, 48" AFF TO TOP.</p> <p> CEILING MOUNTED ULTRASONIC MOTION SENSOR, DEVICE: WHITE</p> <p> WALL MOUNTED DUAL-TECHNOLOGY MOTION SENSOR, DEVICE: WHITE</p> <p> FIXTURE CALLOUT: TYPE (SEE LIGHT FIXTURE SCHEDULE) MOUNTING QUANTITY</p> <p> RELAY</p> <p> TIME CLOCK</p> <p> PHOTOCCELL</p> <p> EMERGENCY POWER OFF PUSHBUTTON, MOUNTED AT +48" U.O.N.</p>	<p> JUNCTION BOX</p> <p> WALL MOUNTED JUNCTION BOX.</p> <p> DUPLEX RECEPTACLE MTD 18" AFF TO CENTER COVERPLATE COLOR: WHITE DEVICE TYPE DEVICE COLOR STANDARD WHITE IS ISOLATED GROUND ORANGE D DEDICATED 20A RATED GRAY UPS 15A OR 20A UPS GRAY EM EMERGENCY RED</p> <p> GFI DUPLEX RECEPTACLE MTD 18" AFF TO CENTER COVERPLATE COLOR: WHITE</p> <p> DOUBLE DUPLEX RECEPTACLE MTD 18" AFF TO CENTER, SCHEDULE AS NOTED ABOVE.</p> <p> SPLIT WIRED 15A 1/2 HOT, 1/2 SWITCHED OUTLET COLOR: WHITE</p> <p> 208V/1Ø RECEPTACLE, NEMA CONFIGURATION AS NOTED.</p> <p> 208V/3Ø RECEPTACLE, NEMA CONFIGURATION AS NOTED.</p> <p> FLUSH FLOOR MOUNTED DUPLEX RECEPTACLE.</p> <p> FLOOR BOX WITH DOUBLE DUPLEX RECEPTACLE AND SINGLE GANG TEL/DATA RECEPTACLE.</p> <p> SPECIALTY FLOOR BOX PER PLANS MULTIPLE GANG BOX, SEE SPECS.</p> <p> PEDESTAL MOUNTED DOUBLE DUPLEX RECEPTACLE MANUF: HUBBELL#SA6688 1/4" STAINLESS STEEL COVERPLATES</p> <p> PEDESTAL MOUNTED DUPLEX RECEPTACLE MANUF: HUBBELL#SA6688 1/4" STAINLESS STEEL COVERPLATES</p> <p> ROOF MOUNTED WEATHERPROOF GFI WORK OUTLET, PROVIDE CAST BOX 1/4" STAINLESS STEEL W/P COVER.</p> <p> EXTERNALLY OPERATED FUSED DISCONNECT SWITCH, PROVIDE PER NEMA RATING REQUIRED.</p> <p> COMBINATION FVNR MAGNETIC MOTOR STARTER AND DISCONNECT RATINGS AND POLES AS INDICATED, PROVIDE WITH OVERLOAD PER HORSEPOWER REQUIREMENTS, CPT, H.O.A. WITH PILOT LIGHTS, PROVIDE WITH (1) EACH N.O. AND N.C. AUX CONTACTS.</p> <p> FVNR MAGNETIC STARTER WITH OVERLOAD PER HORSEPOWER REQUIREMENTS, CPT, H.O.A. WITH PILOT LIGHTS, PROVIDE WITH (1) EACH N.O. AND N.C. AUX CONTACTS.</p> <p> MOTOR PROVIDED BY OTHERS.</p> <p> FLUSH MOUNTED PANELBOARD</p> <p> SURFACE MOUNTED PANELBOARD</p> <p> SURFACE MOUNTED LIGHTING CONTROL PANEL, U.O.N.</p> <p> FLUSH MOUNTED LIGHTING DIMMING PANEL, U.O.N.</p> <p> FIRE RATED DOUBLE DUPLEX POKE THROUGH, SEE DETAILS FOR MORE INFORMATION.</p> <p> FIRE RATED SYSTEMS FURNITURE FEED POKE THROUGH, SEE DETAILS FOR MORE INFORMATION.</p> <p> CLOCK HANGER OUTLET ONLY, MOUNTED AT +12" U.O.N.</p> <p> TELEVISION SYSTEM OUTLET WITH JACK, WALL MOUNTED AT +12" U.O.N.</p> <p> MULTI-OUTLET ASSEMBLY, LENGTH AS INDICATED ON PLANS.</p> <p> FLEXIBLE CONDUIT</p> <p> WIRING OR CONDUIT CONCEALED IN WALL OR CEILING</p> <p> WIRING OR CONDUIT EXPOSED</p> <p> WIRING OR CONDUIT CONCEALED UNDERGROUND OR IN FLOOR</p> <p> RACEWAY OR WIREWAY ASSEMBLY DOWN</p> <p> RACEWAY OR WIREWAY ASSEMBLY UP</p> <p> HOMERUN TO PANEL, CIRCUITS AS INDICATED.</p> <p> UNDERGROUND HOMERUN TO PANEL, CIRCUITS AS INDICATED.</p> <p> CONCEALED EMT CONDUIT WITH THIN WIRE 2#12 AWG 3/4" C. MINIMUM</p> <p> CONCEALED EMT CONDUIT WITH THIN WIRE 3#12 AWG 3/4" MINIMUM. CHEVRONS INDICATE #10 CONDUCTORS</p> <p> FUSED SWITCH, SEE SINGLE LINE DIAGRAM FOR MORE INFORMATION.</p> <p> CIRCUIT BREAKER, SEE SINGLE LINE DIAGRAM FOR MORE INFORMATION.</p> <p> TRANSFORMER, SEE SINGLE LINE DIAGRAM FOR MORE INFORMATION.</p> <p> CURRENT TRANSFORMER</p> <p> AUTOMATIC TRANSFER SWITCH</p> <p> GROUNDING ELECTRODE</p>	<p>A AMPERES</p> <p>AC ALTERNATING CURRENT</p> <p>AIC AMPERES INTERRUPTING CAPACITY</p> <p>AFB ABOVE FINISHED FLOOR</p> <p>AFG ABOVE FINISHED GRADE</p> <p>AF AMP FRAME/AMP FUSE</p> <p>AL ALUMINUM</p> <p>ARCH ARCHITECT OR ARCHITECTURAL</p> <p>AS AMP SWITCH</p> <p>AT AMP TRIP</p> <p>ATS AUTOMATIC TRANSFER SWITCH</p> <p>AUX AUXILIARY</p> <p>AWG AMERICAN WIRE GAUGE</p> <p>BKBD BACKBOARD</p> <p>C CONDUIT WITH WIRE</p> <p>CATV CABLE TELEVISION</p> <p>CCTV CLOSED CIRCUIT TELEVISION</p> <p>CB CIRCUIT BREAKER</p> <p>CLF CURRENT LIMITING FUSE</p> <p>C.O. CONDUIT ONLY WITH NYLON PULL CORD</p> <p>CONTR CONTRACTOR</p> <p>CU COPPER</p> <p>CT CURRENT TRANSFORMER</p> <p>CW GOLD WATER</p> <p>D DEDICATED OUTLET</p> <p>DC DIRECT CURRENT</p> <p>DF DRINKING FOUNTAIN</p> <p>DIA DIAMETER</p> <p>DISC DISCONNECT</p> <p>DIST DISTRIBUTION</p> <p>DWSG DRAWINGS</p> <p>EA EACH</p> <p>EB 40-MINUTE BATTERY CONNECTED TO UNIT</p> <p>EC ELECTRICAL CONTRACTOR</p> <p>EG EMERGENCY GENERATOR CONNECTION</p> <p>EF EXHAUST FAN</p> <p>ELECT ELECTRICAL</p> <p>ELEV ELEVATION/ELEVATOR</p> <p>EMT ELECTRO-METALLIC TUBING</p> <p>EXIST EXISTING</p> <p>FA FIRE ALARM</p> <p>FC FOOT CANDLE</p> <p>FIXT FIXTURE</p> <p>FLUOR FLUORESCENT</p> <p>FT FEET OR FOOT</p> <p>GC GENERAL CONTRACTOR</p> <p>GD GARBAGE DISPOSAL</p> <p>GEN GENERATOR</p> <p>GFI GROUND FAULT INTERRUPTER</p> <p>GFR GROUND FAULT RELAY</p> <p>GRD GROUND</p> <p>H HORIZONTAL</p> <p>HID HIGH INTENSITY DISCHARGE</p> <p>HP HORSEPOWER</p> <p>HPS HIGH PRESSURE SODIUM</p> <p>HR HOUR</p> <p>HT HEIGHT</p> <p>HZ HERTZ</p> <p>IS ISOLATED GROUND BUS OR WIRE</p> <p>IMC INTERMEDIATE METAL CONDUIT</p> <p>INCAND INCANDESCENT</p> <p>J-BOX JUNCTION BOX</p> <p>KVA KILO-VOLTAMPERE</p> <p>KW KILOWATT</p> <p>KWH KILOWATT-HOUR</p> <p>LF LINEAL FEET</p> <p>LTG LIGHTING</p> <p>LV LOW VOLTAGE</p> <p>MANUF MANUFACTURER</p> <p>MAX MAXIMUM</p> <p>MC MECHANICAL CONTRACTOR</p> <p>MCC MOTOR CONTROL CENTER</p> <p>MECH MECHANICAL</p> <p>MIN MINIMUM</p> <p>MH METAL HALIDE</p> <p>MLO MAIN LUGS ONLY</p> <p>MTG MOUNTING</p> <p>MV MERCURY VAPOR</p> <p>N NEUTRAL</p> <p>NEC NATIONAL ELECTRIC CODE</p> <p>NC NOT IN CONTRACT</p> <p>NL NIGHT LIGHT</p> <p>NTS NOT TO SCALE</p> <p>OC ON CENTER</p> <p>OFCI OWNER FURNISHED CONTRACTOR INSTALLED</p> <p>OFOI OWNER FURNISHED OWNER INSTALLED</p> <p>P PEDESTAL MOUNT</p> <p>PB PULL BOX</p> <p>PC PHOTOCCELL CONTROL</p> <p>PCTG PHOTOCCELL/TIMELOCK CONTROL</p> <p>PH PHASE</p> <p>PV POST INDICATING VALVE</p> <p>PL PILOT LIGHT</p> <p>PVC POLY(VINYL CHLORIDE)</p> <p>PWR POWER</p> <p>PP POWER POLE</p> <p>QR QUANTITY</p> <p>QTY QUANTITY</p> <p>REF RECEPTACLE</p> <p>RGS RIGID GALVANIZED STEEL</p> <p>SD SMOKE DETECTOR</p> <p>SPEC SPECIFICATION</p> <p>SQ FT SQUARE FEET OR SQUARE FOOT</p> <p>SW SWITCH</p> <p>SWBD SWITCHBOARD</p> <p>TEMP TEMPERATURE OR TEMPORARY</p> <p>TV TELEVISION</p> <p>TEL, TELE TELEPHONE</p> <p>TC TIME CLOCK</p> <p>TRANSF TRANSFORMER</p> <p>TYP TYPICAL</p> <p>UGPS UNDERGROUND FULL SECTION</p> <p>UL UNDERWRITERS LABORATORIES</p> <p>UNO UNLESS NOTED OTHERWISE</p> <p>UPS UNINTERRUPTIBLE POWER SUPPLY</p> <p>V VOLTS</p> <p>VA VOLT-AMPERE</p> <p>WH WATER HEATER</p> <p>W/P W/P WEATHER PROOF TRANSFORMER</p>
GENERAL NOTES		
<ol style="list-style-type: none"> EXTERIOR LIGHTING SYSTEM SHALL BE EQUIPPED WITH AUTOMATIC TIMING DEVICE AND CONTROL SHUT-OFF BETWEEN 11PM & 6AM UNLESS USING LPS LAMP TYPE LUMINAIRES LIGHTING LUMINAIRES WITH LUMENS 4050 AND ABOVE ARE LIMITED TO LPS AND HPS AND EQUIPPED WITH CUT-OFF OPTICS AND LESS THAN 2.5% UP-LIGHT ALL ELECTRICAL DEVICES AND UTILIZATION EQUIPMENT SHALL BE LISTED BY AN APPROVED TESTING AGENCY ALL WORK TO COMPLY WITH THE LATEST EDITION OF THE CALIFORNIA ELECTRICAL CODE AS AMENDED AND ADOPTED BY THE CITY OF FULLERTON, 2007 CEC USE COPPER CONDUCTORS ONLY, OR COMPLY WITH APPEAL PROCESS REQUIRED BY FULLERTON MUNICIPAL CODE SECTION 14.05.010 THERMOSTATS, SWITCHES AND/OR RECEPTACLES INSTALLED IN RESTROOMS OR OTHER AREAS EQUIPPED FOR THE DISABLED, SHALL BE LOCATED AT NOT TO EXCEED 48" TO CENTER OF DEVICE FROM THE FLOOR. ALL 15 AND 20 AMP, 120V RECEPTACLES IN KITCHEN AREAS SHALL BE GFCI PROTECTED CONTRACTOR IS TO VERIFY MOUNTING HEIGHTS OF ALL DEVICES PRIOR TO MOUNTING VERIFY ROUTING OF ANY SURFACE MOUNTED CONDUITS PRIOR TO INSTALLATION PROVIDE ALL ELECTRICAL DEMOLITION AS REQUIRED FOR WORK ASSOCIATED WITH REMODEL OF EXISTING BUILDING DEMO ANY EXISTING UNUSED ELECTRICAL IN REMODELED AREAS REVIEW ALL PLANS BY OTHER TRADES AND PROVIDE ADDITIONAL WORK AS REQUIRED NOT OUTLINED IN THESE DOCUMENTS COORDINATE ALL DIMMING FLUORESCENT BALLASTS WITH DIMMING SYSTEM, PROVIDE WIRE COUNT AS REQUIRED 		



HOWARD ASSOCIATES
landscape architecture
2042 SECOND AVENUE SUITE 4100 CA 92103 619 738 9000

HAI PROJ. #07026 DATE: 10-31-2013

SYMBOLS LIST FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY SPEC. # 4976			
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 6 OF 25 SHEETS		WBS NO. S-00973	
FOR CITY ENGINEER [Signature] DATE 1/28/14		KEVIN OLIVER SECTION HEAD	
DESCRIPTION	HAI	APPROVED	MARK CALLERAN PROJECT MANAGER
ORIGINAL			PUBLIC WORKS DEPT. CONSTRUCTION DEPARTMENT
AS BUILT			226-1713 LAMBERT COORDINATES
CONTRACTOR		DATE STARTED	35375-6-D
INSPECTOR		DATE COMPLETED	

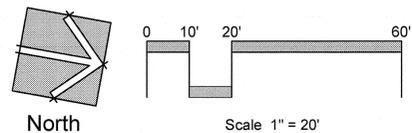


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AC PLS SS CA
DATE: JAN 15 2014

- NOTES**
- ① NEW METER PEDESTAL, SEE SHEET 35375-8-D, DETAIL A
 - ② 3" P.V.C. C.O. (SECONDARY) UP POLE PER SDG&E REQUIREMENTS
 - ③ IRRIGATION CONTROLLER TYPICAL
 - ④ SECURITY LIGHT, SEE SHEET 35375-8-D, DETAIL C
 - ⑤ 1 1/2" P.V.C. C., 2"Ø CU, 1"Ø CU GND
 - ⑥ 1 1/2" P.V.C. C., 2"Ø CU, 1"Ø CU GND
 - ⑦ EXISTING POWER POLE
 - ⑧ FLUSH GRADE PULLBOX, SEE SHEET 35375-8-D, DETAIL B
 - ⑨ 1 1/2" P.V.C. C.O., 2"Ø CU, 1"Ø CU, 1"Ø CU GND

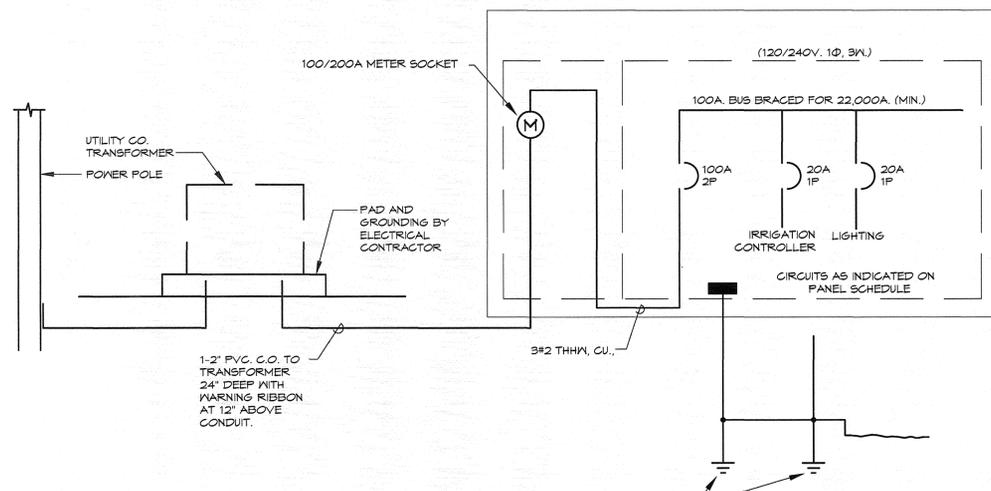
BID ADDITIVE ALTERNATES
NOTE TO THE CONTRACTOR - THE FOLLOWING ADDITIVE ALTERNATES SHOULD BE BID AS SEPARATE LINE ITEMS

- INSTALL CONDUIT AND LIGHTING PER PLAN. DELETE LIGHTING CONTROLLER AND LIGHT STANDARDS. INSTALL PULL BOXES AT ALL LIGHT STANDARD LOCATIONS



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landscape architecture
2442 Second Avenue San Diego, CA 92101 619 738 9660
HAI PROJ. #07026 DATE: 10-31-2013

SITE ELECTRICAL PLAN FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY				SPEC. # 4976
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 7 OF 25 SHEETS			WBS NO. S-00973	
FOR CITY ENGINEER		DATE 1/28/14		KEVIN OLIVER SECTION HEAD
DESCRIPTION	BY	APPROVED	DATE	FILED
ORIGINAL	HAI			
				MARK CALLERAN PROJECT MANAGER
				PUBLIC WORKS DEPT. CONSTRUCTION DIVISION
				228-1713 LABRETT COORDINATOR
AS BUILT				
CONTRACTOR		DATE STARTED		35375-7-D
INSPECTOR		DATE COMPLETED		

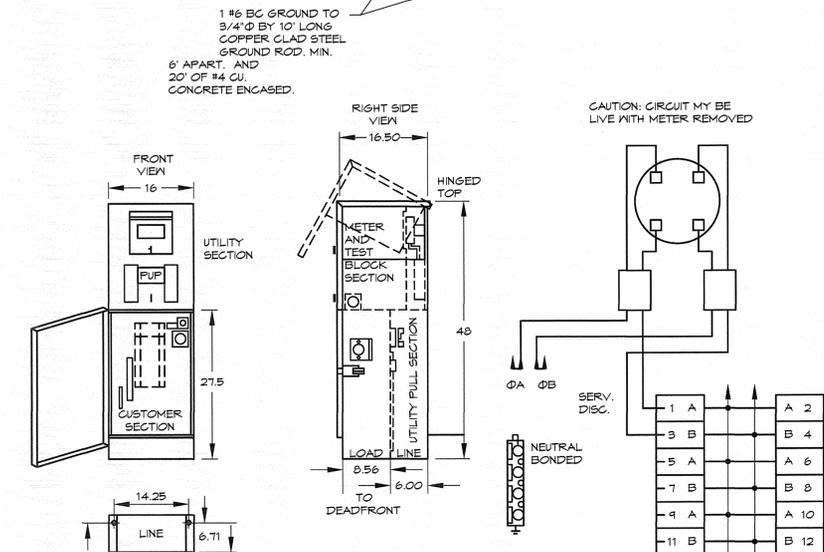


VOLTAGE	120/240	A.I.C.	12,000	PANEL	"B"	MOUNTING SURFACE	MAINS	LUGS ONLY
PHASE	1			LOCATION	SEE PLAN		BUSSING	100A
WIRE	3			FEEDER	SEE SINGLE LINE		FEED	BOTTOM

LOCATION	WATTAGE						WATTAGE						LOCATION
	Ø A	Ø B	LTG	REC	MIS	BKR	Ø A	Ø B	LTG	REC	MIS	BKR	
MAIN DISCONNECT	--	--				100	500	1000					IRRIGATION CONT.
---	--	--				2	1000	1000	6				LIGHTING
SPACE ONLY	--	--				0	5	6					SPACE ONLY
SPACE ONLY	--	--				0	7	8					SPACE ONLY
SPACE ONLY	--	--				0	8	10					SPACE ONLY
SPACE ONLY	--	--				0	11	12					SPACE ONLY
SUBTOTAL		0	0							500	1000		
TOTAL		ØA 500	ØB 1000										
TOTAL LOAD		1500		WATTS AT 120/240		V, 1Ø, 3W = 6.4		A					

DATE 07/01/09

* = ROUTE CIRCUIT THROUGH TIME CLOCK MOUNTED IN PEDESTAL, CLOCK TO BE TORK T200 ZL



SPECIFICATIONS

COMPLIES WITH EUBERC STANDARDS & DWS. 308

12 GA. NEMA 3R CONSTRUCTION

ALL FACTORY WIRING 600 VOLTS RATED COPPER

ALL COMPONENTS UL LISTED

ALL EXTERIOR DOORS AND COVERS PADLOCKABLE

UTILITY COVERS SEALABLE

STANDARD FEATURES

METER SOCKET WITH TEST BLOCKS 4 JAW

UTILITY LANDING LUGS 250 KCMIL

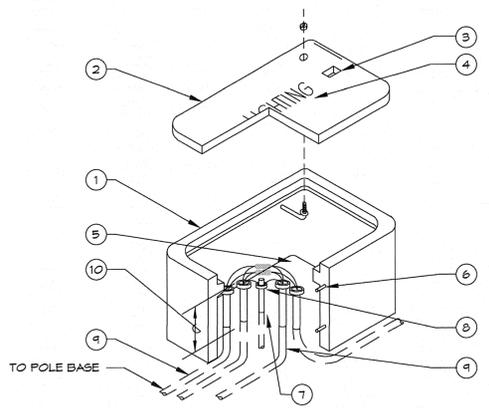
STANDARD VOLTAGE 120/240VAC 1 PHASE 3 WIRE

CIRCUIT BREAKER INTERIOR COPPER BUS

ALL METERED 12 CIRCUIT 100 OR 200 AMPS

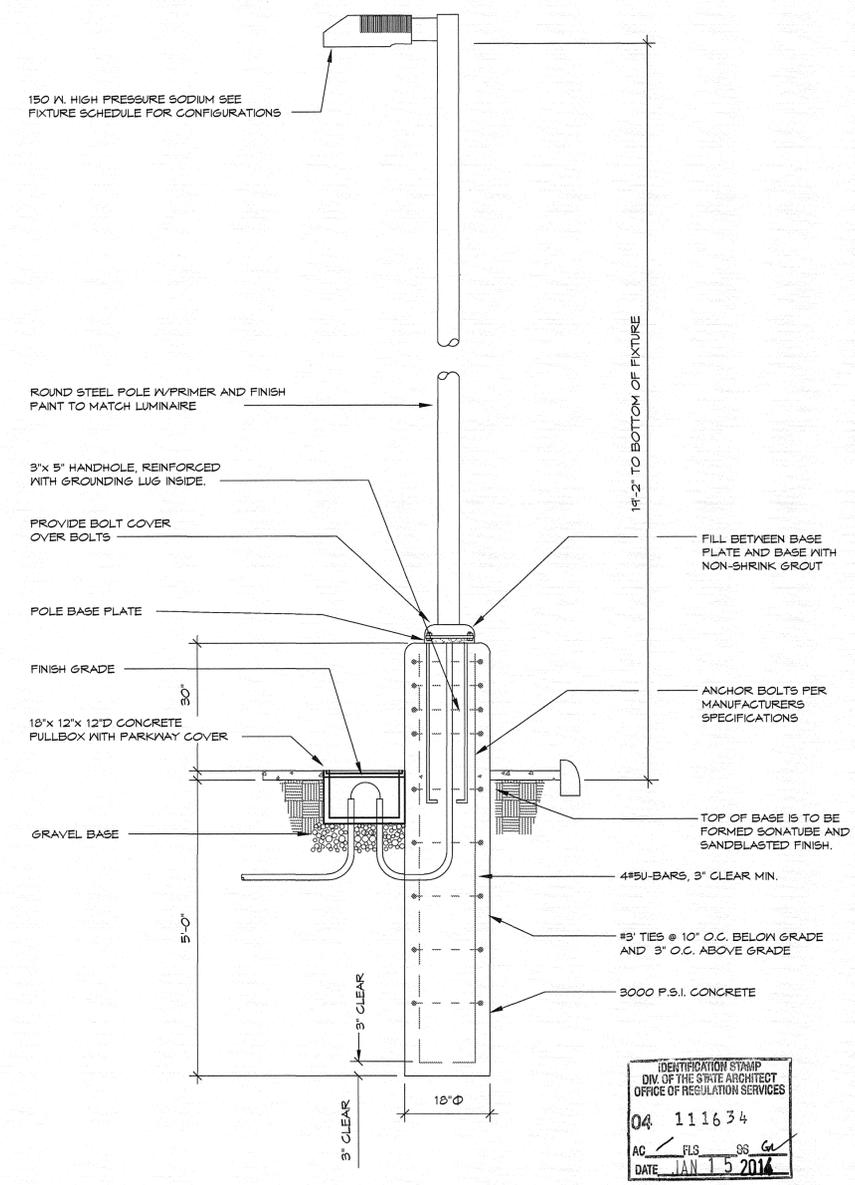
METER PEDESTAL/PANEL "A", SINGLE LINE & DETAIL

NO SCALE



TYPICAL JUNCTION BOX DETAIL

NO SCALE



FIXTURE "A" DETAIL

NO SCALE



LIGHT FIXTURE SCHEDULE							
FIXTURE	MANUFACTURER	CATALOG NUMBER	WATTS	VOLTS	MTG	LAMP TYPE	REMARKS
A	KIM	15A/SAR2/150HP3120/DB-P KR20-4120A/DB-P/BC4	1175	120	P	1-150W HIGH PRESSURE SODIUM	

MOUNTING TYPES:
WS-WALL SURFACE, WR-WALL RECESSED, CS-CEILING SURFACE, CR-CEILING RECESSED, CH-CHAIN, PN-PENDANT, U-UNIVERSAL, G-GROUND, P-POLE, UC-UNDER CABINET, T-TRACK, CB-CABLE, TR-TRELLIS, C-COVE

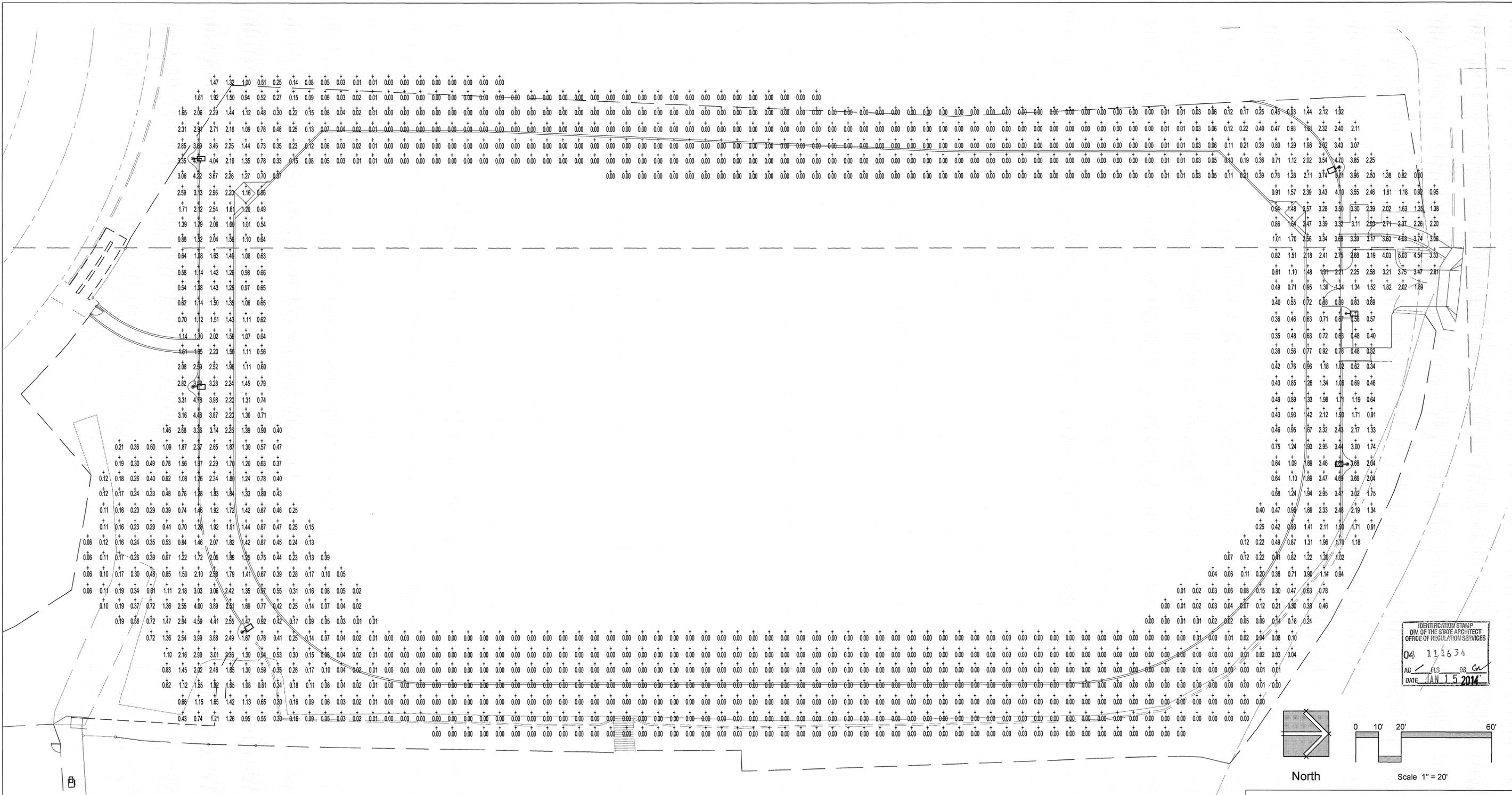


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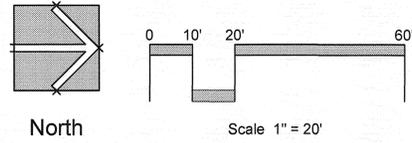
2042 SECOND AVENUE SAN DIEGO, CA 92101 619 738 9660

HAI PROJ. #07026 DATE: 10-31-2013

SINGLE LINE DIAGRAM AND DETAIL FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY SPEC. # 4976			
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 8 OF 25 SHEETS			WBS NO. S-00973
FOR CITY ENGINEER		DATE 1/28/14	KEVIN OLIVER SECTION HEAD
DESCRIPTION	BY	APPROVED	DATE
ORIGINAL	HAI		
AS BUILT			MARK CALLERAN PROJECT MANAGER
CONTRACTOR INSPECTOR			PUBLIC WORKS DEPT. CONSTRUCTION DEPARTMENT 226-1713 LANDSCAPE COORDINATOR
DATE STARTED		DATE COMPLETED	
		35375-8-D	



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DATE JAN 15 2014



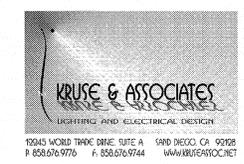
DXF file created by LitePro 2.026 on 7/1/2009 11:24:43 AM

CALCULATION SUMMARY										
AREA NAME	DIMENSIONS	GRID / TYPE	# PTS	SPAC	GROUP	AVE	MAX	MIN	MAXMIN	AVEMIN
Park	747.25x423.00F1	New Grid / H/H	1401	7.00	<>>	0.63	5.03	0.00	N/A	N/A

Montgomery Park LUMINAIRE SCHEDULE						
TYP	SYMBOL	DESCRIPTION	LAMP	LUMENS	MOUNTING/BALLAST	LLF QTY
A		KIM LIGHTING 20' Mtg (1) "SAR2" SAR2/150HPSxxx/xx	(1)	16000		0.90 6

AREA SUMMARY SCHEDULE				
AREA NAME	NO	DIMENSIONS	LUMS / <ASMS>	WATTS / SQ FT
Park	OUT	747.25x423.00F1	<A > (6)	0.00

Photometric generated by LitePro version 2.026, which is provided and supported by Columbia Lighting, Alera, and Prescolite. Calculations are performed in accordance with IESNA procedures. Kruse & Associates is not responsible for the light output of lamps and ballasts, or design variables not shown.

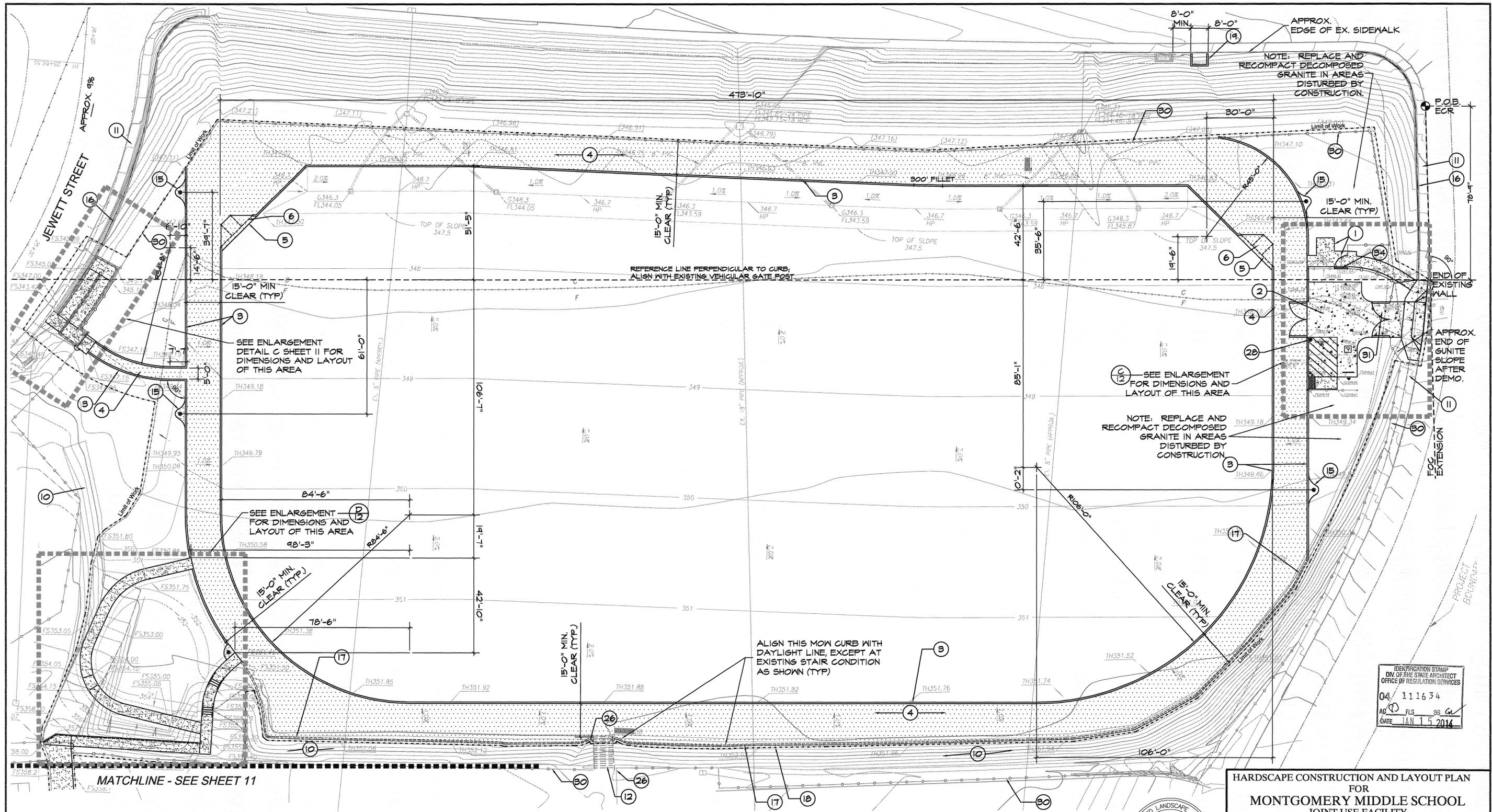


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2042 second avenue san diego ca 92101 619 718 9665
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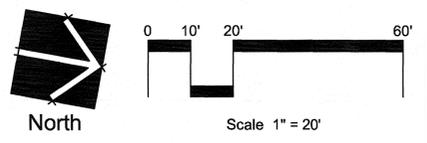
SITE PHOTOMETRIC PLAN FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY

SPEC. # 4976

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 9 OF 25 SHEETS		WBS NO. S-00973
FOR CITY ENGINEER	DATE 1/28/14	KEVIN OLIVER SECTION HEAD
DESCRIPTION	BY	APPROVED
ORIGINAL	HAI	
PUBLIC WORKS DEPT. CONSTRUCTION DEPARTMENT		MARK CALLERAN PROJECT MANAGER
AS BUILT		226-1713 LAMBERT COORDINATES
CONTRACTOR	DATE STARTED	35375- 9 -D
INSPECTOR	DATE COMPLETED	



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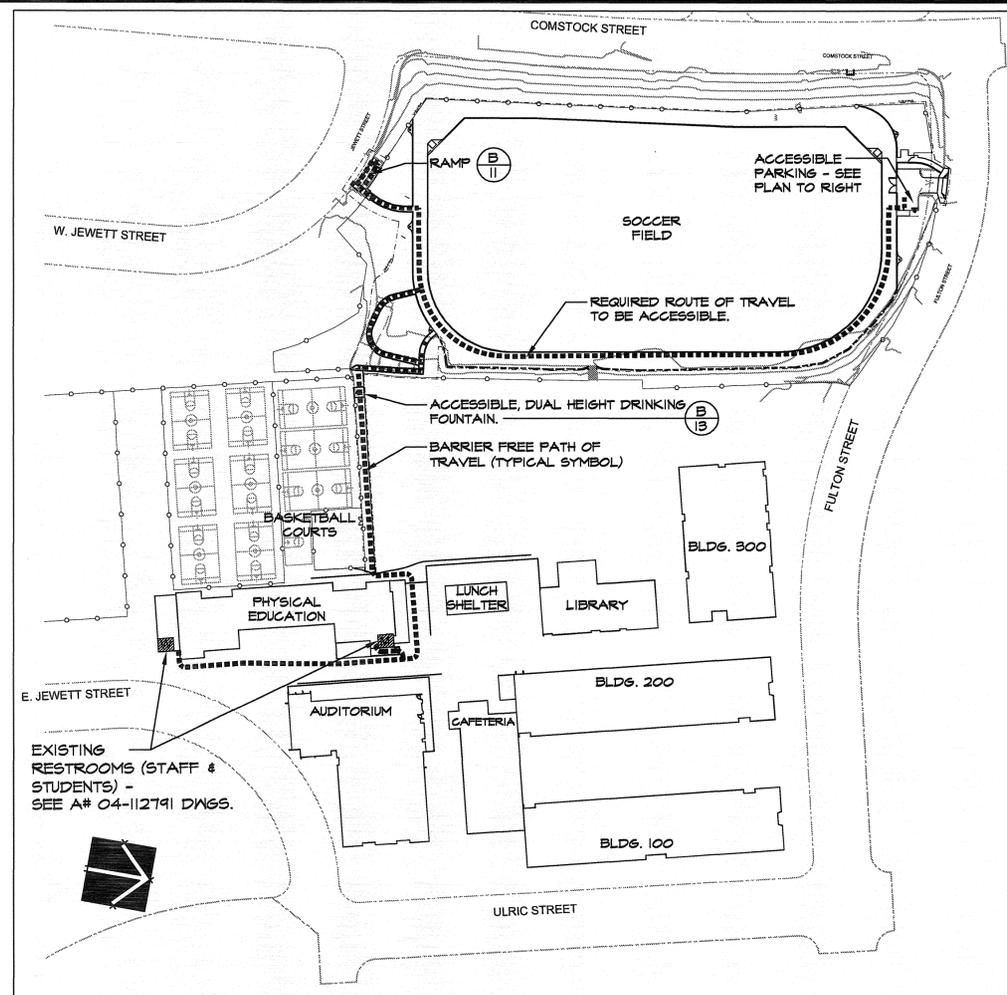


FOR CONSTRUCTION LEGEND SEE SHEET 11; NOTES AND DETAILS SEE SHEETS 12 & 13



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 2402 second avenue san diego ca 92101 619 738 9900
 HAI PROJ. #07026 DATE: 01-14-2014

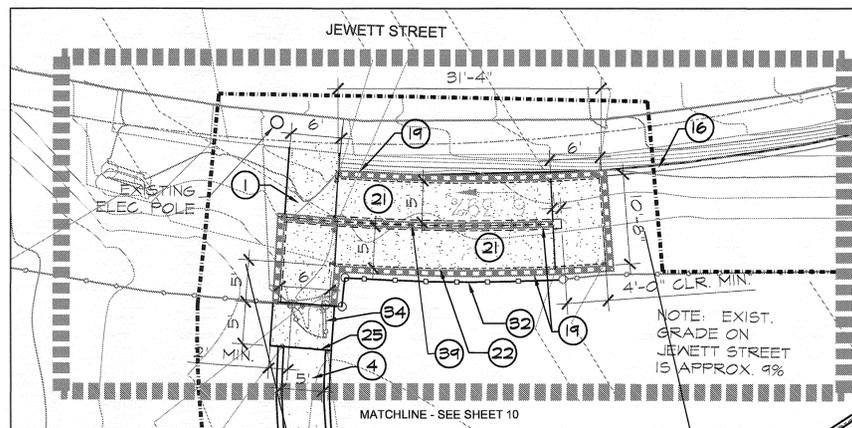
HARDSCAPE CONSTRUCTION AND LAYOUT PLAN FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY				SPEC. # 4976
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 10 OF 25 SHEETS			WBS NO. S-00973	
FOR CITY ENGINEER		DATE 1/28/14	KEVIN OLIVER SECTION HEAD	
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	HAI			
PUBLIC WORKS DEPT. CONSTRUCTION DEPARTMENT				MARK CALLERAN PROJECT MANAGER
AS BUILT				226-1713 LABORER COORDINATES
CONTRACTOR	DATE STARTED	DATE COMPLETED	35375-10-D	



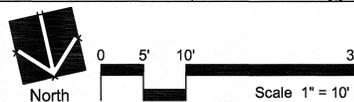
NOTES:
 PATH OF TRAVEL (P.O.T.) AS INDICATED IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL AND IS AT LEAST 48" WIDE. SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH. CROSS-SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. (POT) SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (1199B.8.2) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (1199B.8.6). ARCHITECT TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT, AND PATH OF TRAVEL COMPLIES WITH CBC 1193B.

A Site Plan - ADA Access Route

NOT TO SCALE



B Plan Enlargement - Jewett St. Entry



Construction Legend

SYMBOL	HARDSCAPE DESCRIPTION	DETAIL	
		SHT. #	RSD #
1	CONCRETE PAVING - 4" THICKNESS *	21	SD6-155, SD6-109, RSD 6-10, SD6-156
2	CONCRETE PAVING - 6" THICKNESS *	21-22	RSD 6-10, 6-19
3	CONCRETE MONCURB	22	SDL-103
4	STABILIZED EXISTING DECOMPOSED GRANITE (D.G.) TRACK - REUSE EXISTING D.G.	(A) 2	
5	INFIELD AREA - 4" THICK STABILIZED EXISTING DECOMPOSED GRANITE - REUSE EXISTING D.G.	(A) B	
6	NEW BACKSTOP (TYP OF 2)	(A) B	
7	ADA PARKING STALL STRIPING	23	SDM-117-3, SDM-117-4
8	ADA PARKING SIGN	23	SDM-117-6&7
9	NEW CONCRETE DRIVE APRON		
10	EXISTING GUNITE SLOPE TO REMAIN		
11	EXISTING CONCRETE SIDEWALK		
12	EXISTING CONCRETE STEPS TO REMAIN	23 (B) 2	SDM-118-1, SDM-118-3
13	LIGHT POLE IN PARKING LOT	(C) 8	
14	EXISTING EXPANSION JOINT		
15	LIGHT POLE PAD	12	SDL-105
16	EXISTING RETAINING WALL		
17	CONCRETE MONCURB AT BASE OF GUNITE SLOPE	(A) 2	
18	TRUNCATED DOMES	22	SD6-130
19	NEW RETAINING WALL, PER CIVIL ENGINEER'S PLANS		
20	NEW CONCRETE STAIRS **	23	SDM-118-3
21	NEW CONCRETE RAMP. SEE SHTS 3-5 FOR GRADING	24	RSD SDM-115
22	HANDRAIL (POST TYPE)	23	SDM-118-1
23	RE-INSTALL STOCK FILED ADA ACCESSIBLE DRINKING FOUNTAIN ON EXIST. WATER / DRAIN STUBS	(B) B	
24	NEW PROTECTIVE RAILING AT EXISTING DRINKING FOUNTAIN	(B) B	
25	PAVING TRANSITION	(D) B	
26	PATH OF TRAVEL SIGN - MATERIALS AND INSTALLATION PER RSD M-28A.	(C) B	
27	REPLACEMENT CONCRETE CITY SIDEWALK.	21-22	SD6-159, SD6-164, RSD 6-15
28	LIGHT POLE - SEE ELECTRICAL PLANS SHTS. 6-9		
29	WHEEL STOP PER GRADING PLAN - SEE SHT. 3-5		
30	GUARD RAIL	23	SDM-118-1

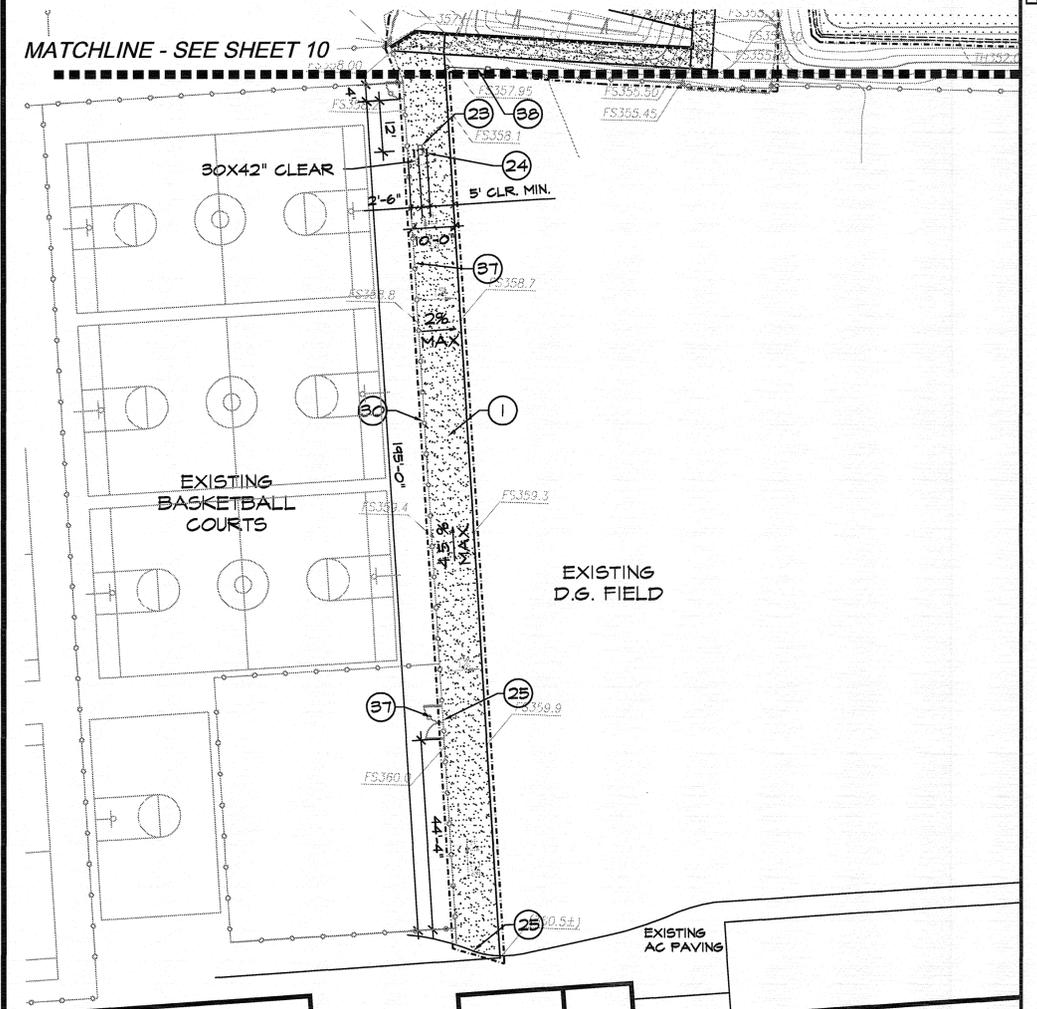
* CONCRETE 6% TO HAVE MED. BROOM FINISH. SURFACES SLOPED > 6% TO HAVE HEAVY BROOM FINISH.

** STAIR STRIPING MATERIAL SHALL BE AT LEAST AS SLIP RESISTANT AS CONCRETE. STAIRS TO HAVE CURB ON EACH SIDE.

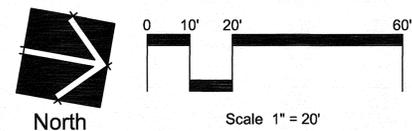
SYMBOL	FENCING DESCRIPTION	DETAIL	
		SHT. #	RSD #
30	EXISTING CHAIN LINK FENCE TO REMAIN		
31	NEW 10' HIGH VEHICULAR CHAIN LINK GATE. INSTALL GATE STOP FOR GATE IN CONCRETE.	22-23	RSD SDM-114, M-20
32	NEW 10' HIGH GALVANIZED CHAIN LINK FENCE, INSTALL WITH TOP HORIZONTAL RAIL	22	RSD M-20, SDM-112
33	NEW 4' HIGH GALVANIZED CHAIN LINK FENCE	22	SDM-112, RSD M-20
34	NEW 10' HIGH PEDESTRIAN GALVANIZED CHAIN LINK GATE (TYP OF 2) W/ LEVER HARDWARE	22-23	SDM-114, RSD M-20
35	NEW 4' HIGH VEHICULAR GALVANIZED CHAIN LINK GATE	22-23	RSD SDM-114, M-20
36	DAISY CHAIN LOCK	(E) 2	
37	EXISTING CHAIN LINK GATE TO REMAIN		
38	NEW 6' HIGH GALVANIZED CHAIN LINK FENCE	22	SDM-112, RSD M-20

SPORTS FIELD NOTES
 1. SPORTS FIELD SHALL BE PROVIDED WITH A 12" LAYER OF CLASS 'A' TOPSOIL.
 2. INFIELD AREAS SHALL NOT BE AMENDED WITH SOIL CONDITIONERS.

FOR CONSTRUCTION NOTES AND DETAILS SEE SHEETS 12 & 13



PHYSICAL EDUCATION



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 AG PLS
 DATE JAN 15 2014

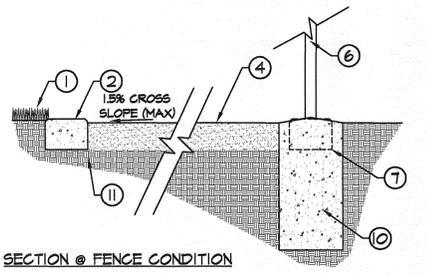


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 2940 ALVARADO AVENUE SAN DIEGO CA 92101 619 715 9900
 HAI PROJ. #07026 DATE: 01-14-2014

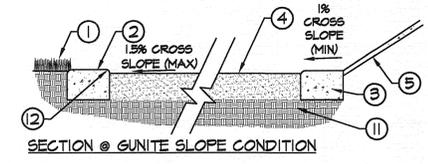
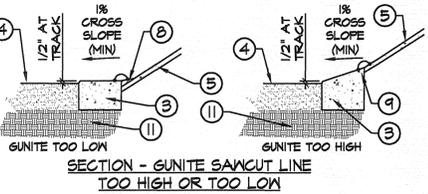
HARDSCAPE CONSTRUCTION AND LAYOUT PLAN FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY SPEC. # 4976

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 11 OF 25 SHEETS				WBS NO. S-00973
FOR CITY ENGINEER DATE 1/28/14				KEVIN OLIVER SECTION HEAD
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	HAI			
AS BUILT				MARK CALLERAN PROJECT MANAGER
CONTRACTOR				PUBLIC WORKS DEPT. CONSTRUCTION DEPARTMENT
INSPECTOR				226-1713 LABORER COORDINATOR
DATE STARTED				35375-11-D
DATE COMPLETED				

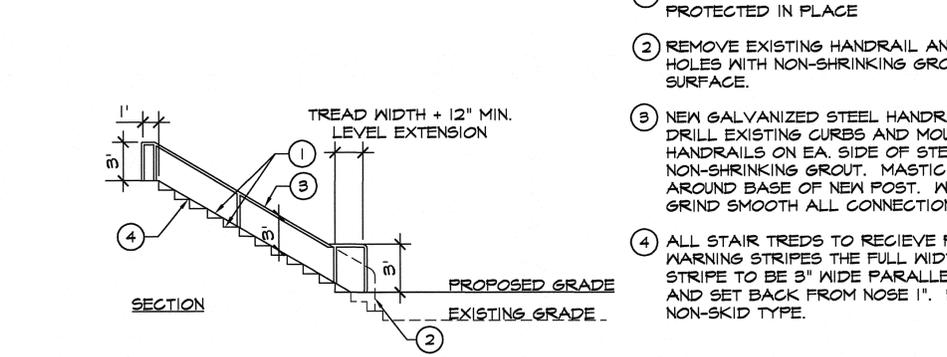
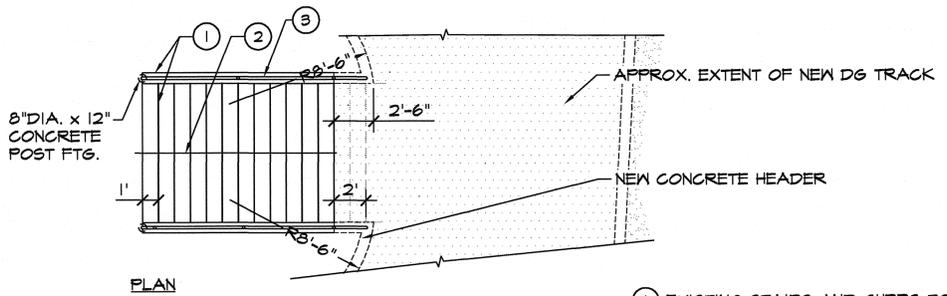
DSA Revision #1



- ① FINISH GRADE - PROVIDE SMOOTH TRANSITION TO PATH
- ② MOWCURB, PER RSD L-3
- ③ MOWCURB AT BASE OF GUNITE SLOPE
- ④ 4" DEEP LAYER OF EXISTING SITE SOIL STABILIZED WITH LOC SOIL-SHIELD-LS, OR APPROVED EQUAL. WIDTH PER PLAN.
- ⑤ EXISTING GUNITE SLOPE
- ⑥ EXISTING FENCE - DG PATH TO MATCH EXISTING GRADE AT ADJACENT FENCE CONDITION
- ⑦ EXISTING FENCE - MOW CURB TO STOP ON EITHER SIDE OF EXISTING FENCE FOOTING.
- ⑧ CONCRETE FILLER FOR SLOPE TO DRAIN ACROSS MOW CURB
- ⑨ BACK OF MOW CURB RAISED TO BASE OF GUNITE
- ⑩ EXISTING FENCE FOOTING
- ⑪ 90% COMPACTED BASE
- ⑫ MOWCURB 1/4" MAX. ABRUPT VERTICAL DIFFERENCE ON SIDES ADJACENT TO FIELD OF PLAY

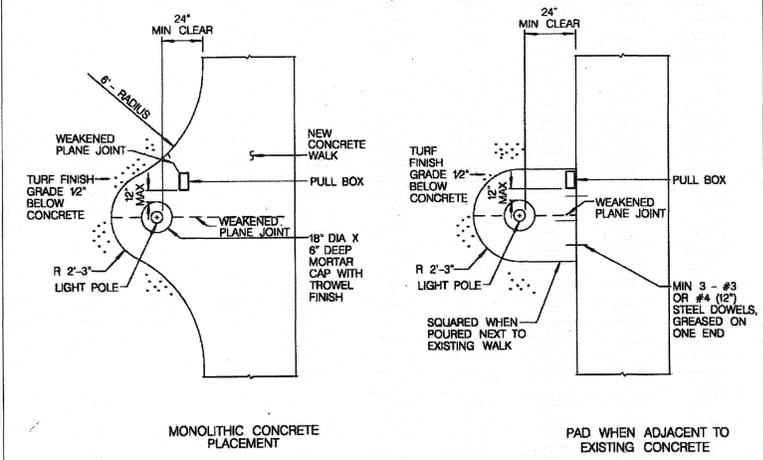


A Decomposed Granite Track NOT TO SCALE



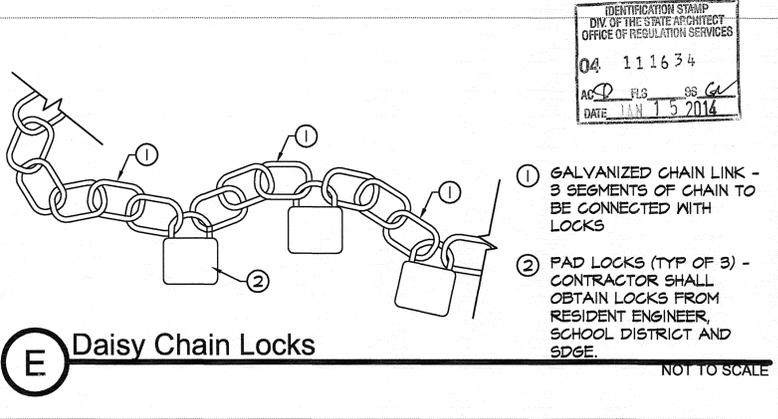
- ① EXISTING STAIRS AND CURBS TO BE PROTECTED IN PLACE
- ② REMOVE EXISTING HANDRAIL AND FILL POST HOLES WITH NON-SHRINKING GROUT TO LEVEL SURFACE.
- ③ NEW GALVANIZED STEEL HANDRAILS. CORE DRILL EXISTING CURBS AND MOUNT NEW HANDRAILS ON EA. SIDE OF STEPS WITH NON-SHRINKING GROUT. MASTIC SEAL AROUND BASE OF NEW POST. WELD AND GRIND SMOOTH ALL CONNECTIONS.
- ④ ALL STAIR TREADS TO RECEIVE PAINTED WARNING STRIPES THE FULL WIDTH OF TREAD. STRIPE TO BE 3" WIDE PARALLEL TO NOSE AND SET BACK FROM NOSE 1". PAINT TO BE NON-SKID TYPE.

B Existing Stair & Handrail Condition NOT TO SCALE

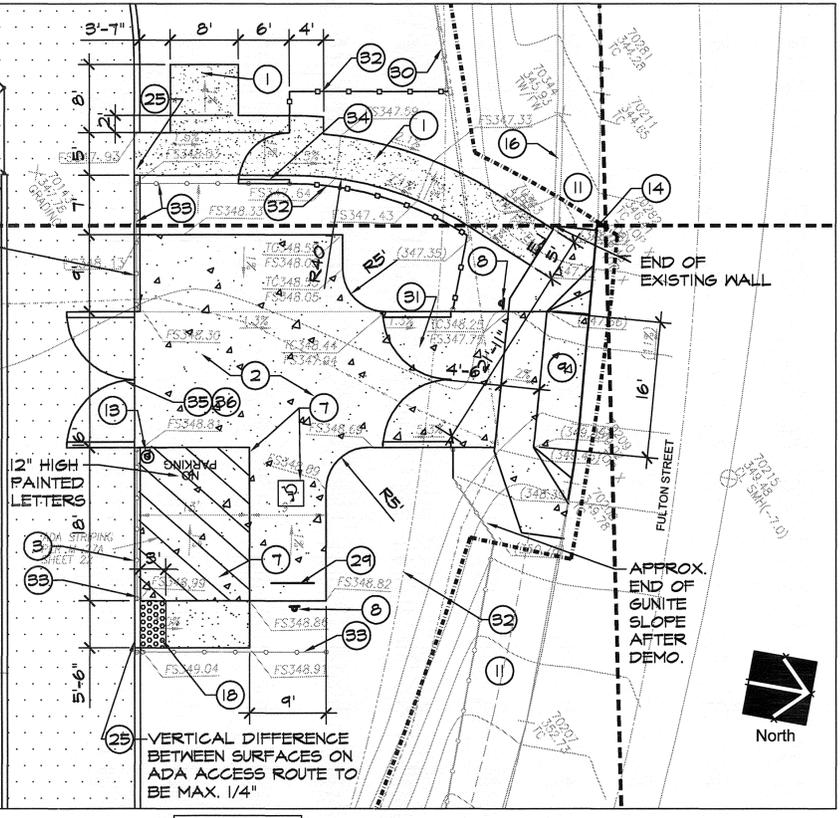


- NOTES:
1. USE MONOLITHIC PLACEMENT FOR NEW CONSTRUCTION.
 2. POLE PADS SHALL DRAIN AT 1.5% MINIMUM IN SAME DIRECTION AS SIDEWALK.
 3. CONCRETE PAD SHALL BE THE SAME AS SPECIFIED FOR SIDEWALK.
 4. LOCATE LIGHT POLES OUTSIDE OF TURF AREAS AND AWAY FROM TREES AS APPROVED BY THE ENGINEER UNLESS SPECIFIED OTHERWISE.
 5. PULL BOX WITH BOLT-DOWN LID MINIMUM 4" FROM ALL EDGES (POLYMER EDGED BOX WITH BRICK FOUNDATION)

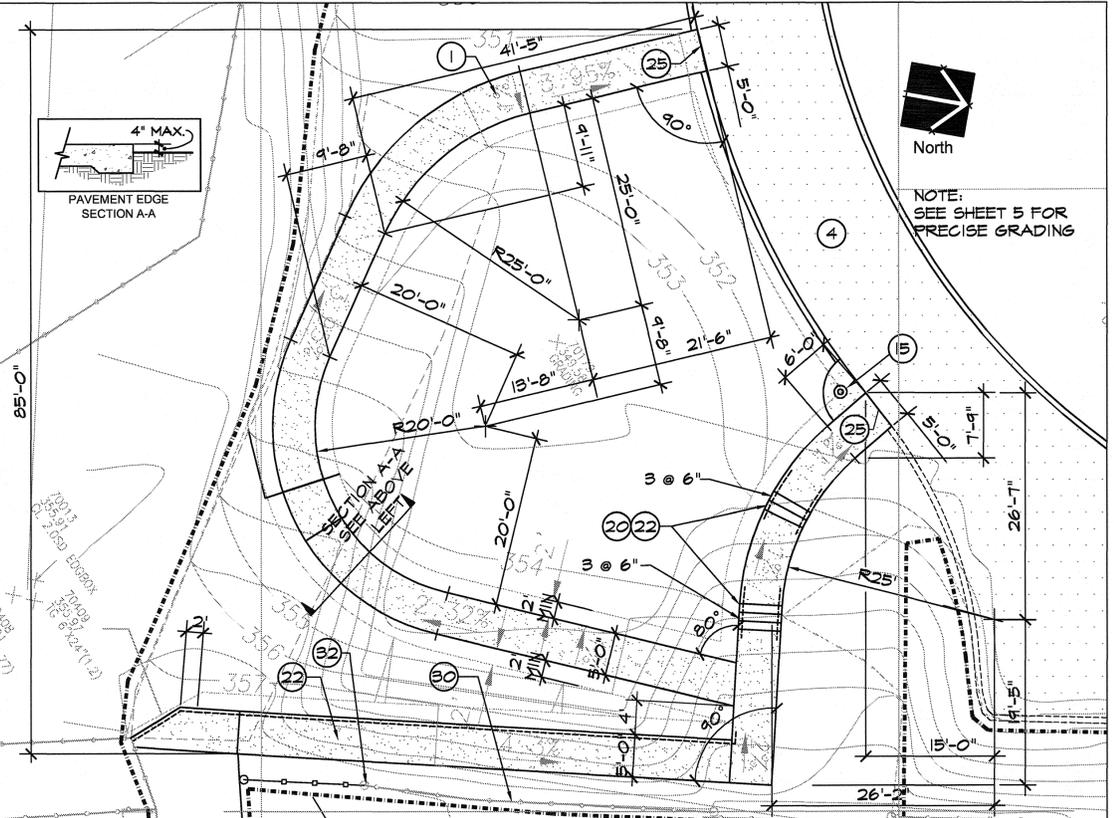
REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO - STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE
ORIGINAL	KA	J. NAGELVOORT	09/12		COORDINATOR R.G.E. 8/27/11 DATE 1/21/2012
				LIGHT POLE PAD IN TURF AREAS	DRAWING NUMBER SDL-105



E Daisy Chain Locks NOT TO SCALE



C Plan Enlargement - Parking Area Scale 1" = 10'

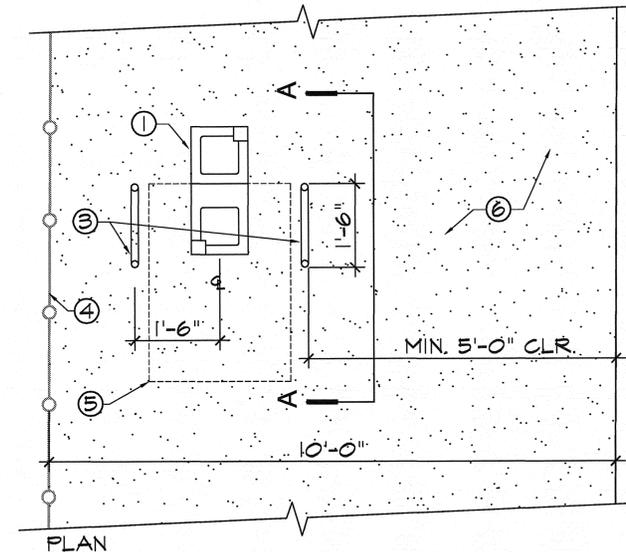


D Plan Enlargement - Ramp and Stairs Scale 1" = 10'

CONSTRUCTION LEGEND AND DETAILS FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY SPEC. # 4976

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 12 OF 25 SHEETS		WBS NO. S-00973
FOR CITY ENGINEER	DATE 1/28/14	KEVIN OLIVER SECTION HEAD
DESCRIPTION	BY APPROVED DATE FILMED	MARK CALLERAN PROJECT MANAGER
ORIGINAL	HAI	PUBLIC WORKS DEPT. CONSTRUCTION DEPARTMENT
AS BUILT		226-1713 LABORER COORDINATOR
CONTRACTOR	DATE STARTED	35375-12-D
INSPECTOR	DATE COMPLETED	

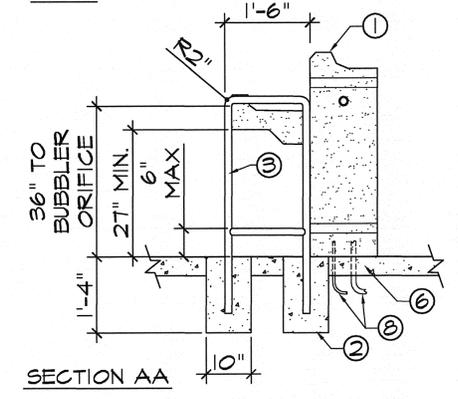
HOWARD ASSOCIATES
landscape architecture
3400 AVENUE 166 SAN DIEGO, CA 92108
HAI PROJ. #07026 DATE: 01-14-2014



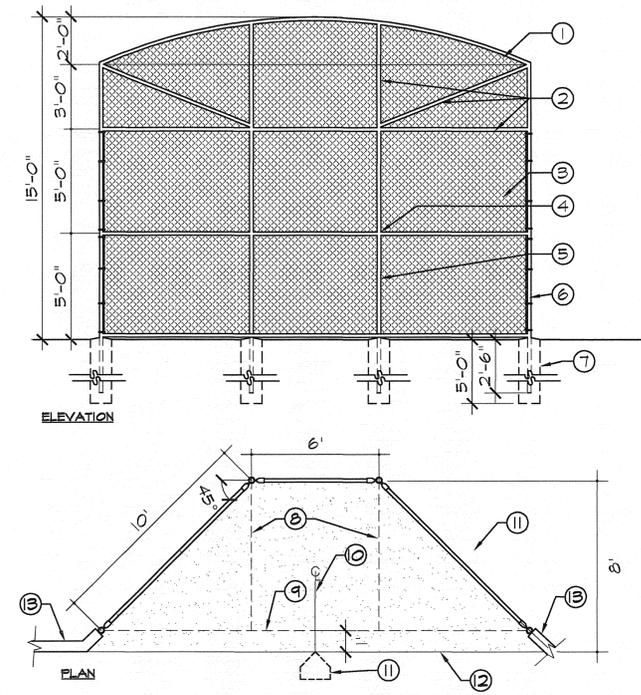
- ① EXISTING DUAL HEIGHT DRINKING FOUNTAIN.
- ② CONCRETE FOOTING
- ③ 1-1/2" DIA. GUARD AT EACH SIDE OF DRINKING FOUNTAIN WHERE SHOWN ON PLAN. ALIGN RAILS WITH EDGE OF DRINKING FOUNTAIN

NOTE:
1. METAL GUARD TO BE HOT DIP GALVINIZED AFTER FABRICATION. ALL EXPOSED METAL TO BE FREE OF SHARP EDGES AND CORNERS.

- ④ EXISTING FENCE FOR COURTS
- ⑤ 30" x 42" CLEAR AREA
- ⑥ NEW CONCRETE PAVING
- ⑦ EXIST. D.G. FIELD - MAX. 2" BELOW PAVING
- ⑧ EXISTING WATER / DRAIN STUBS PROTECTED IN PLACE. RECONNECT FOUNTAIN TO STUBS AFTER NEW CONCRETE IS POURED.



B Drinking Fountain NOT TO SCALE



A Backstop NOT TO SCALE

- ① 3/8" GALV. CABLE WITH TURNBUCKLES
- ② 1.66" O.D. (2.0" NOM) HOT DIPPED SCH. 40 GALV. PIPE - TYPICAL
- ③ 2" MESH x 9 GALV. CHAIN LINK FENCE - TYPICAL
- ④ WELD ALL JOINTS - TYPICAL
- ⑤ 2.375" O.D. (1.25" NOM) HOT DIPPED SCH. 40 GALV. PIPE; ALL INTERIOR LINE POSTS - TYPICAL
- ⑥ 2.875" O.D. (2.5" NOM) HOT DIPPED SCH. 40 GALV. PIPE; ALL END POSTS - TYPICAL
- ⑦ 24" DIAMETER CONCRETE FOOTING W/ (4) #4 (V) AND #3 TIES AT 12" O.C.
- ⑧ LINE OF 1.25" PIPE AT HOOD
- ⑨ LINE OF CABLE & 1/2 OF 1.25" PIPE & HOOD
- ⑩ 1/2 OF BACKSTOP & HOMEPLATE
- ⑪ HOMEPLATE LOCATION. HOMEPLACE N.I.C.
- ⑫ EXTENT OF INFIELD AREA
- ⑬ CONCRETE MOWCURB, PER PLAN

- NOTES:
1. FENCE CHAINLINK FABRIC SHALL CONFORM TO DISTRICT STANDARDS
 2. ALL FIELD WELDS TO BE TREATED W/ DRY GALVICON OR EQUAL
 3. ALL JOINTS IN BACKSTOP SHALL BE CONTINUOUSLY WELDED AND GROUND SMOOTH
 4. CLASS 1A PIPE (FY = 50000 PSI) SCH 40 AND SCH 60
 5. CONCRETE FOOTING SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI
 6. ↑↑ NOTES 1/2 DIMENSION
 7. ↗↗ NOTES EDGE-TO-EDGE DIMENSION

- BACK STOP NOTES:
1. ALL UPRIGHT POSTS AND HORIZONTAL RAILS SHALL BE 2" NOMINAL DIAMETER GALVANIZED IRON WELDED (5/16" BEAD) ALL AROUND AT EVERY JOINT.
 2. ALL MEMBERS OF THE TOP (ARCHES AND BRACES) SHALL BE 1-1/2" NOMINAL DIAMETER GALVANIZED IRON PIPE WELDED (5/16" BEAD) ALL AROUND AT EVERY JOINT.
 3. CHAIN LINK SHALL BE 9-GAUGE STEEL WIRE GALVANIZED AFTER FABRICATION. EXCEPT THAT THE LOWER 5' OF THE BACKSTOP SHALL BE 6-GAUGE STEEL WIRE GALVANIZED AFTER FABRICATION. ALL CHAIN LINK FABRIC SHALL BE 2" MESH.
 4. CHAIN LINK SHALL BE MOUNTED ON THE INSIDE OF THE BACKSTOP.
 5. ALL WELDED JOINTS SHALL BE WIRE BRUSHED CLEAN AND PAINTED WITH TWO (2) COATS OF ZINC OXIDE PAINT ("GALVALLOY" OR APPROVED EQUIVALENT).
 6. ALL NUTS SHALL BE CUT TWO (2) THREADS ABOVE THE NUT AND PEEN ENDS.
 7. ALL CONCRETE SHALL BE PER THE SOILS REPORT.
 8. BOTTOM RAIL OF BACKSTOP SHALL BE A MAXIMUM OF 1" ABOVE FINISH GRADE.

NOT TO SCALE

- FENCING NOTES:
1. GATES SHALL HAVE STOP PLATES AND WELDED LATCHING.
 3. ALL CHAIN LINK FENCE FABRIC, POSTS, RAILS, AND FITTINGS SHALL BE 9-GAUGE WIRE, 2" MESH GALVANIZED.
 4. ALL CHAIN LINK FENCE SHALL HAVE A TOP AND BOTTOM RAIL. CHAIN LINK FENCE SHALL BE CONSTRUCTED WITH A MID-RAIL IF TALLER THAN 8'.
 5. ALL CHAIN LINK FABRIC SHALL BE MOUNTED ON THE SIDE OF THE POSTS TOWARD THE PLAYING FIELD.
 6. ALL FENCE POSTS, BRACES, AND RAILS SHALL CONSIST OF NEW GALVANIZED PIPE MANUFACTURED IN ACCORDANCE WITH A.S.T.M. DESIGNATION A-120 AND SHALL BE THE FOLLOWING SIZES AND WEIGHTS BELOW:

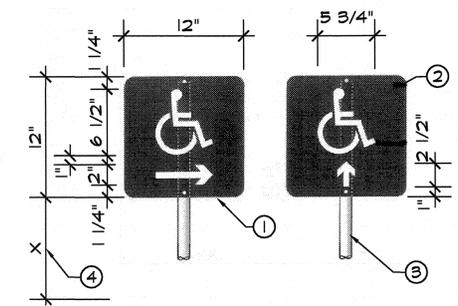
FENCES 72" HIGH AND OVER:

POST LOCATION	NOMINAL DIA. IN.	OUTSIDE DIA. IN.	INSIDE DIA. IN.	WT. PER FOOT-LBS.
END AND CORNER	2-1/2	2.875	2.469	5.74
LINE POSTS	2	2.375	2.067	3.65
BRACES & RAILS	1-1/4	1.660	1.380	2.27

FENCES LESS THAN 72" HIGH:

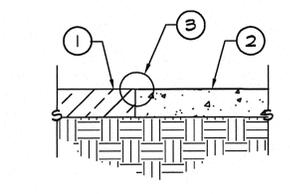
POST LOCATION	NOMINAL DIA. IN.	OUTSIDE DIA. IN.	INSIDE DIA. IN.	WT. PER FOOT-LBS.
END AND CORNER	2	2.375	2.067	2.65
LINE POSTS	1-1/4	1.900	1.610	2.12
BRACES & RAILS	1-1/4	1.660	1.380	2.27

7. ALL HARDWARE, TENSION WIRE, TIE WIRE, TRUSS RODS, AND GATES, SHALL CONFORM TO THE APPLICABLE PARTS OF RSD SDM-100, SDM-112, M-5, M-6, M-17, SECTIONS 206-6 AND 304 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ("GREENBOOK").
8. ALL NUTS SHALL BE CUT TWO (2) THREADS ABOVE THE NUT AND PEEN ENDS.



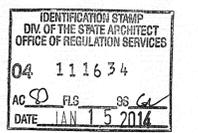
C Path of Travel Sign NOT TO SCALE

- ① 0.080" THICK ALUMINUM WITH 1" RADIUS AND PAINTED 'REFLEX BLUE'
- ② 3M WHITE VINYL WITH CLEAR COAT FOR DURABILITY
- ③ POLE AND INSTALLATION PER RSD M-28
- ④ X = 80" MIN. CLR. AT PEDESTRIAN WAY, 36" MIN. IF ON FENCE OR IN PLANTER.



D Transition from new to existing paving

- ① EXISTING AC PAVING OR DECOMPOSED GRANITE TRACK.
- ② CONCRETE PAVING - SEE CONSTRUCTION LEGEND, SHT. 11
- ③ CONC. FINISH SURFACE TO BE NO MORE THAN 1/4" BELOW OR ABOVE ADJACENT SURFACE.



HOWARD ASSOCIATES
landscape architecture
3402 ALLCROFT AVENUE SAN DIEGO CA 92103 619 718 9600
HAI PROJ. #07026 DATE: 01-14-2014

CONSTRUCTION DETAILS FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY				SPEC. # 4976	
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 13 OF 25 SHEETS				WBS NO. S-00973	
FOR CITY ENGINEER: <i>[Signature]</i> 1/28/14				SECTION HEAD: KEVIN OLIVER	
DESCRIPTION	BY	APPROVED	DATE	FILMED	PROJECT MANAGER: MARK CALLERAN
ORIGINAL	HAI				PUBLIC WORKS DEPT. CONSTRUCTION DEPARTMENT
AS BUILT					226-1713 LANDSCAPE COORDINATOR
CONTRACTOR		DATE STARTED		DATE COMPLETED	35375-13-D

CONTROLLER 'A':
TO BE PEDESTAL MOUNTED
IN SS ENCLOSURE. 120V
ELECTRICAL CONNECTION
PER ENGINEER'S PLANS.

POINT OF CONNECTION (P.O.C.) # 1 TO
NEW 2" METER AND NEW 2" REDUCED
PRESSURE BACKFLOW PREVENTER.
STATIC PRESSURE AT METER: 47 PSI
ELEVATION 931.21'

CONTRACTOR TO FIELD VERIFY
LOCATION AND STATIC PRESSURE.
NOTIFY LANDSCAPE ARCHITECT
IMMEDIATELY OF ANY DISCREPANCIES.

NOTE: REPAIR ANY
IRRIGATION DAMAGED DURING
INSTALLATION OF UTILITIES

CONTROL WIRE (TYP)

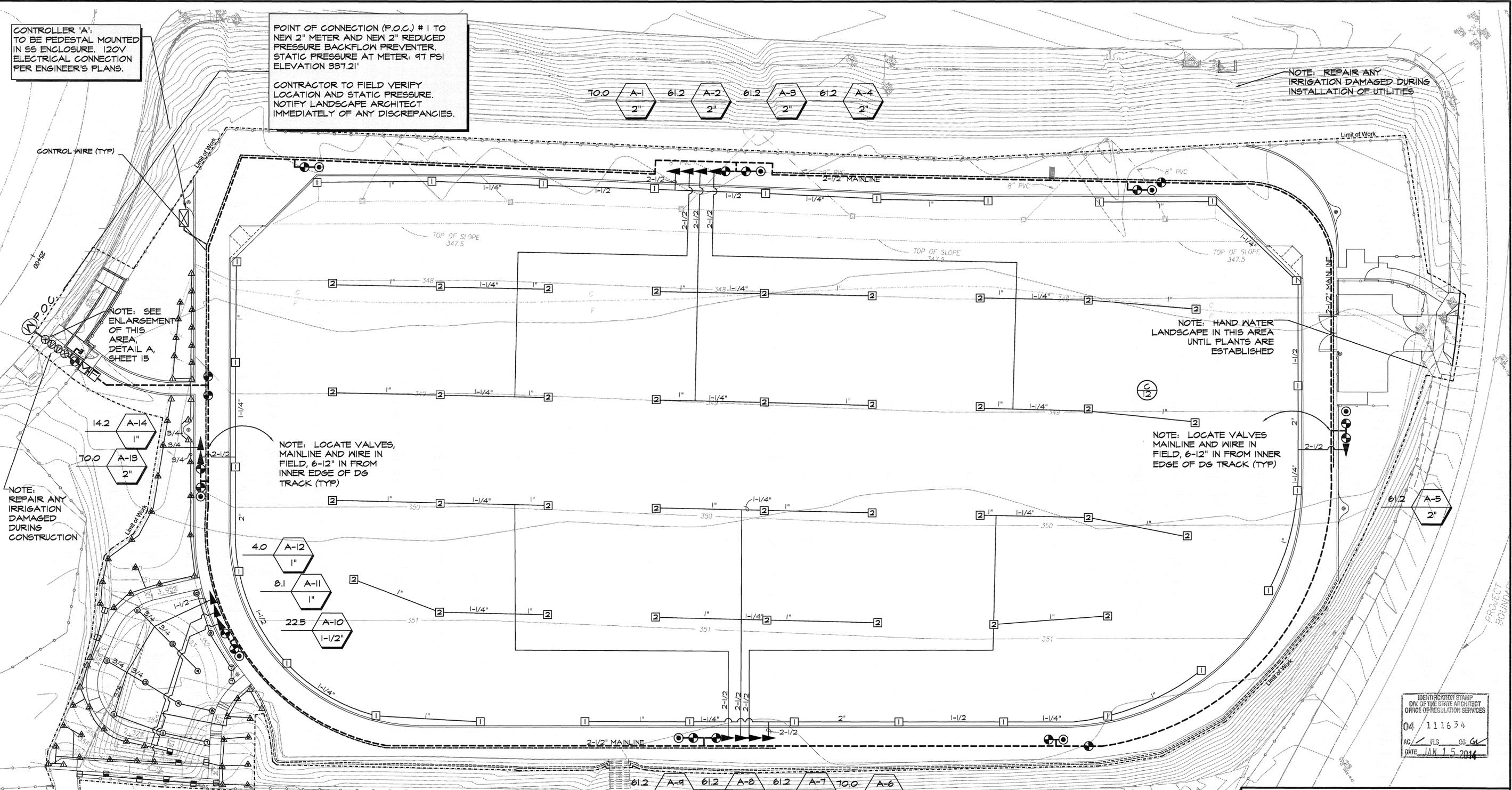
NOTE: SEE
ENLARGEMENT
OF THIS
AREA,
DETAIL A,
SHEET 15

NOTE: HAND WATER
LANDSCAPE IN THIS AREA
UNTIL PLANTS ARE
ESTABLISHED

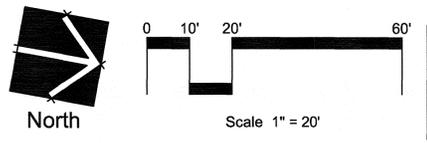
NOTE: REPAIR ANY
IRRIGATION
DAMAGED
DURING
CONSTRUCTION

NOTE: LOCATE VALVES,
MAINLINE AND WIRE IN
FIELD, 6-12" IN FROM
INNER EDGE OF DG
TRACK (TYP)

NOTE: LOCATE VALVES
MAINLINE AND WIRE IN
FIELD, 6-12" IN FROM INNER
EDGE OF DG TRACK (TYP)



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 111634
AD / PLS / GG / G
DATE JAN 15 2014



FOR IRRIGATION LEGEND, NOTES
AND DETAILS, SEE SHEET 15



HOWARD ASSOCIATES
landscape architecture
2442 RECORD AVENUE SAN DIEGO CA 92101 619 738 9600
HAI PROJ. #07026 DATE: 01-14-2014

IRRIGATION PLAN FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY SPEC. # 4976			
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 14 OF 25 SHEETS		WBS NO. S-00973	
FOR CITY ENGINEER	DATE	1/28/14	
DESCRIPTION	BY	APPROVED	FILMED
ORIGINAL	HAI		
AS BUILT		226-1713	
CONTRACTOR	DATE STARTED	35375-14-D	
INSPECTOR	DATE COMPLETED		
KEVIN OLIVER SECTION HEAD		MARK CALLERAN PROJECT MANAGER	
PUBLIC WORKS DEPT. CONSTRUCTION DEPARTMENT		LAMBERT COORDINATES	

IRRIGATION NOTES

1. THE IRRIGATION PLAN IS DIAGRAMMATIC. ALL IRRIGATION EQUIPMENT SHALL BE LOCATED IN PLANTING AREAS ONLY, UNLESS NOTED OTHERWISE. REFER TO THE IRRIGATION LEGEND AND DETAILS FOR EQUIPMENT AND INSTALLATION.
2. BACKFLOW PREVENTION DEVICES SHALL BE LOCATED AS INDICATED ON THE IRRIGATION PLAN. INSTALLATION SHALL CONFORM TO LOCAL GOVERNING CODES AND REGULATIONS AND MANUFACTURER'S SPECIFICATIONS.
3. CHECK VALVES SHALL BE USED WHERE INDICATED AND WHERE NECESSARY TO PREVENT WATER FLOW FROM LOWER ELEVATION HEADS WHEN SYSTEM IS TURNED OFF.
4. ALL AUTOMATIC VALVES SHALL BE LOCATED WITHIN TURF AREAS. VALVES IN BOXES SHALL BE INSTALLED IN CONCRETE VALVE BOXES, WITH HINGED, LOCKING, CAST IRON LID, ONE VALVE PER BOX, WITH FOUR (4) INCHES OF PEA GRAVEL BENEATH EACH VALVE. VALVES SHALL BE LOCATED IN SEPARATE VALVE BOXES.
5. ALL MAINLINE, WIRES, AND LATERAL LINES SHALL BE SLEEVED WITH PVC, SCHEDULE 40 TWICE THE DIAMETER OF THE SLEEVED LINE WHERE THEY PASS UNDER PAVED AREAS AND DECOMPOSED GRANITE TRACK. EXTEND SLEEVES A MINIMUM OF 12" BEYOND THE PAVED SURFACE ABOVE. WIRE BUNDLES SHALL HAVE A 2" MIN. SLEEVE.
6. AUTOMATIC CONTROLLERS SHALL BE SIZE AND TYPE AS NAMED, AND INSTALLED WHERE INDICATED ON IRRIGATION PLAN. 120 VOLT SERVICE TO CONTROLLER SHALL BE PART OF WORK PROVIDED BY THE CONTRACTOR.
7. IRRIGATION CONTRACTOR SHALL ADJUST ALL HEADS TO PROVIDE EVEN COVERAGE AND TO KEEP SPRAY OFF BUILDINGS, WALKWAYS, WALLS, AND DRIVES.
8. PRIOR TO FINAL ACCEPTANCE, THE IRRIGATION CONTRACTOR SHALL PLACE A LAMINATED, REDUCED COPY OF THE AS-BUILT IRRIGATION PLAN, COLOR-CODED AS TO COVERAGE AREAS FOR EACH VALVE, IN THE CONTROLLER ENCLOSURE.
9. THE CONTRACTOR SHALL PROVIDE THE OWNER WITH THE FOLLOWING EXTRA IRRIGATION EQUIPMENT:
 - 2 QUICK-COUPLER VALVE KEYS W/SWIVELS
 - 2 HEADS OF EACH TYPE
 - 2 KEYS FOR QUICK-COUPLER VALVES W/LOCKING COVERS
 - 2 VALVE BOX KEYS

PRESSURE LOSS CALCULATION

PROJECT NAME: Montgomery Middle School
 DATE: 9-16-09
 WATER DISTRICT: City of San Diego Water Utilities District
 HGL:
 METER DESIGNATION: #1
 METER LOCATION: Jewett Street
 METER SIZE: 2"
 METER ELEVATION: 344.00
 STATIC PRESSURE @ METER: 97
 VALVE #: A-11
 VALVE SIZE: 2", 70.0 GPM, elevation 351.75

LATERAL LINE	PIPE SECTION	PIPE TYPE	SIZE	LENGTH	GPM	LOSS	PSI
	A	SCH 40	1"	45'	10.0	1.5	
	B	SCH 40	1-1/4"	45'	20.0	1.0	
	C	SCH 40	1-1/2"	45'	30.0	1.1	
	D	SCH 40	2"	45'	40.0	.5	
	D	SCH 40	2-1/2"	5'	70.0	.1	

A. TOTAL LATERAL SYSTEM LOSS 4.2

MAIN LINE	PIPE SECTION	PIPE TYPE	SIZE	LENGTH	GPM	LOSS	PSI
	A	CL 315	2-1/2"	55'	70.0	0.8	

B. TOTAL MAINLINE SYSTEM LOSS 0.8

MISCELLANEOUS LOSS / GAIN

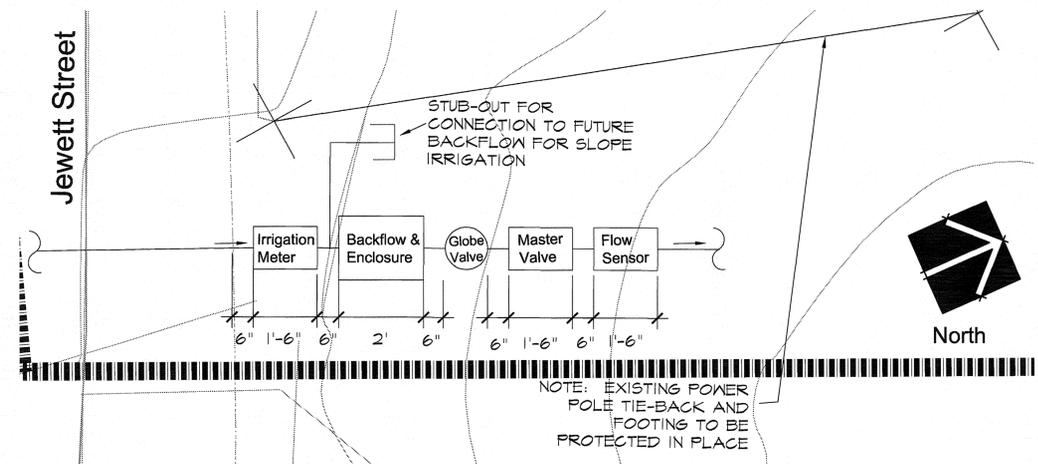
WATER METER:	3.7
BACKFLOW PREVENTER:	12.50
MASTER CONTROL VALVE:	0
FLOW SENSOR:	1.5
BALL VALVE(S):	3.0
CONTROL VALVE:	3.0
HEAD LOSS / GAIN IN SYSTEM:	3.4

C. TOTAL MISC. LOSS / GAIN 27.1

D. TOTAL SYSTEM LOSS / GAIN (A+B+C)	32.1
E. FITTING LOSSES (15% OF TOTAL LOSSES)	4.8
F. MIN. REQ. PRESSURE AVAILABLE AT HEAD	50
G. DESIGN PRESSURE (D+E+F)	86.9
H. PRESSURE AVAILABLE AT METER	97
I. RESIDUAL PRESSURE (H-G)	10.1

Irrigation Legend

SYMBOL	MANUFACTURER	MODEL	DESCRIPTION	GPM	RADIUS	PSI	DETAIL
△	HUNTER	INST-12-CV-MPI00090	POP-UP SHRUB ROTATOR	0.16	8'-11"	30	SDI-103
△	HUNTER	INST-12-CV-MPI000210	POP-UP SHRUB ROTATOR	0.37	8'-11"	30	SDI-103
△	HUNTER	INST-12-CV-MPI000360	POP-UP SHRUB ROTATOR	0.65	8'-11"	30	SDI-103
△	HUNTER	MFR40-12-CV-MPI00090	POP-UP SHRUB ROTATOR	0.19	12'-14"	40	SDI-103
△	HUNTER	MFR40-12-CV-MPI000210	POP-UP SHRUB ROTATOR	0.43	12'-14"	40	SDI-103
△	HUNTER	MFR40-12-CV-MPI000360	POP-UP SHRUB ROTATOR	0.75	12'-14"	40	SDI-103
△	HUNTER	MFR40-12-CV-MP200090	POP-UP SHRUB ROTATOR	0.40	15'-20"	40	SDI-103
△	HUNTER	MFR40-12-CV-MP2000210	POP-UP SHRUB ROTATOR	0.86	15'-20"	40	SDI-103
△	HUNTER	MFR40-12-CV-MP2000360	POP-UP SHRUB ROTATOR	1.47	15'-20"	40	SDI-103
□	HUNTER	INST-12-CV-MPLC5515	ROTATOR ON POP-UP SPRAY HEAD	.22	4'x14'	30	SDI-103
□	HUNTER	OR INST-12-CV-MPRC5515	ROTATOR ON POP-UP SPRAY HEAD	.22	4'x14'	30	SDI-103
■	HUNTER	INST-12-CV-MP55530	ROTATOR ON POP-UP SPRAY HEAD	.44	5'x30'	30	SDI-103
①	HUNTER	INST-06-CV-MPI00090	POP-UP TURF ROTATOR	0.16	8'-11"	30	SDI-103
②	HUNTER	INST-06-CV-MPI000210	POP-UP TURF ROTATOR	0.37	8'-11"	30	SDI-103
③	HUNTER	INST-06-CV-MPI000360	POP-UP TURF ROTATOR	0.65	8'-11"	30	SDI-103
④	HUNTER	MFR40-06-CV-MPI00090	POP-UP TURF ROTATOR	0.65	12'-14"	40	SDI-103
⑤	HUNTER	MFR40-06-CV-MPI000210	POP-UP TURF ROTATOR	0.19	12'-14"	40	SDI-103
⑥	HUNTER	MFR40-06-CV-MPI000360	POP-UP TURF ROTATOR	0.43	12'-14"	40	SDI-103
⑦	HUNTER	MFR40-06-CV-MP200090	POP-UP TURF ROTATOR	0.75	15'-20"	40	SDI-103
⑧	HUNTER	MFR40-06-CV-MP2000210	POP-UP TURF ROTATOR	0.40	15'-20"	40	SDI-103
⑨	HUNTER	MFR40-06-CV-MP2000360	POP-UP TURF ROTATOR	0.86	15'-20"	40	SDI-103
⑩	HUNTER	MFR40-06-CV-MP300090	POP-UP TURF ROTATOR	1.47	21'-30"	40	SDI-103
⑪	HUNTER	MFR40-06-CV-MP3000210	POP-UP TURF ROTATOR	0.86	21'-30"	40	SDI-103
⑫	HUNTER	MFR40-06-CV-MP3000360	POP-UP TURF ROTATOR	2.12	21'-30"	40	SDI-103
□	HUNTER	I-40-ADS-4I	POP-UP TURF ROTOR	10.2	50'	50	SDI-103
□	HUNTER	I-40-36S-4I	POP-UP TURF ROTOR	10.2	50'	50	SDI-103
M	SUPERIOR	3300 DNE	MASTER VALVE (NORMALLY OPEN)				SDI-111
F	DATA INDUSTRIAL	220F	FLOW SENSOR				
▲	RAIN BIRD	EFB-CP SERIES	REMOTE CONTROL VALVE - SIZE PER PLAN (SEE NOTE 8)				SDI-114/ SDI-126
●	WILKINS	#215	GLOBE VALVE (LINE SIZE)				SDI-106
●	RAINBIRD	#44 LRC	QUICK COUPLING VALVE W/ LOCKING COVER				SDI-105
⊗			2" WATER METER - PROVIDED BY CITY - FEES PAID BY PARK AND REC				
⊗	RAINMASTER	RME EAGLE	AUTOMATIC CONTROLLER ASSEMBLY W/ HUNTER MINI-CLIK				SDI-117
			IN SB-22SS TOP ENTRY SS ENCLOSURE BY STRONGBOX OR APPROVED EQUAL				
⊗	WATTS	909 SERIES	2" REDUCED PRESSURE BACKFLOW PREVENTER				WR-1
			INSTALL IN STRONG BOX "SMOOTH TOUCH" STAINLESS STEEL ENCLOSURE MODEL SBBC-SS				
- - -			STUB-OUT FOR FUTURE CONNECTION TO SLOPE LANDSCAPE				
---	EPCO		PVC SCH 40 LATERAL LINE - 15" MIN. COVER - 3/4" MIN. SIZE				SDI-110
---	EPCO		PVC CLASS 315 MAIN LINE - 21" MIN. COVER - 1" MIN. SIZE				SDI-110
---			DIRECT BURIAL CONTROL WIRE - SOILD COPPER - COLOR CODED)				SDI-115/ SDI-119
---			PVC SLEEVE (TWICE THE DIAMETER OF PIPE), 2" MIN. SIZE				
⊕			CONTROLLER SEQUENCE				
⊕			GPM DEMAND				
⊕			VALVE SIZE				



A Plan Enlargement - Irrigation Point of Connection

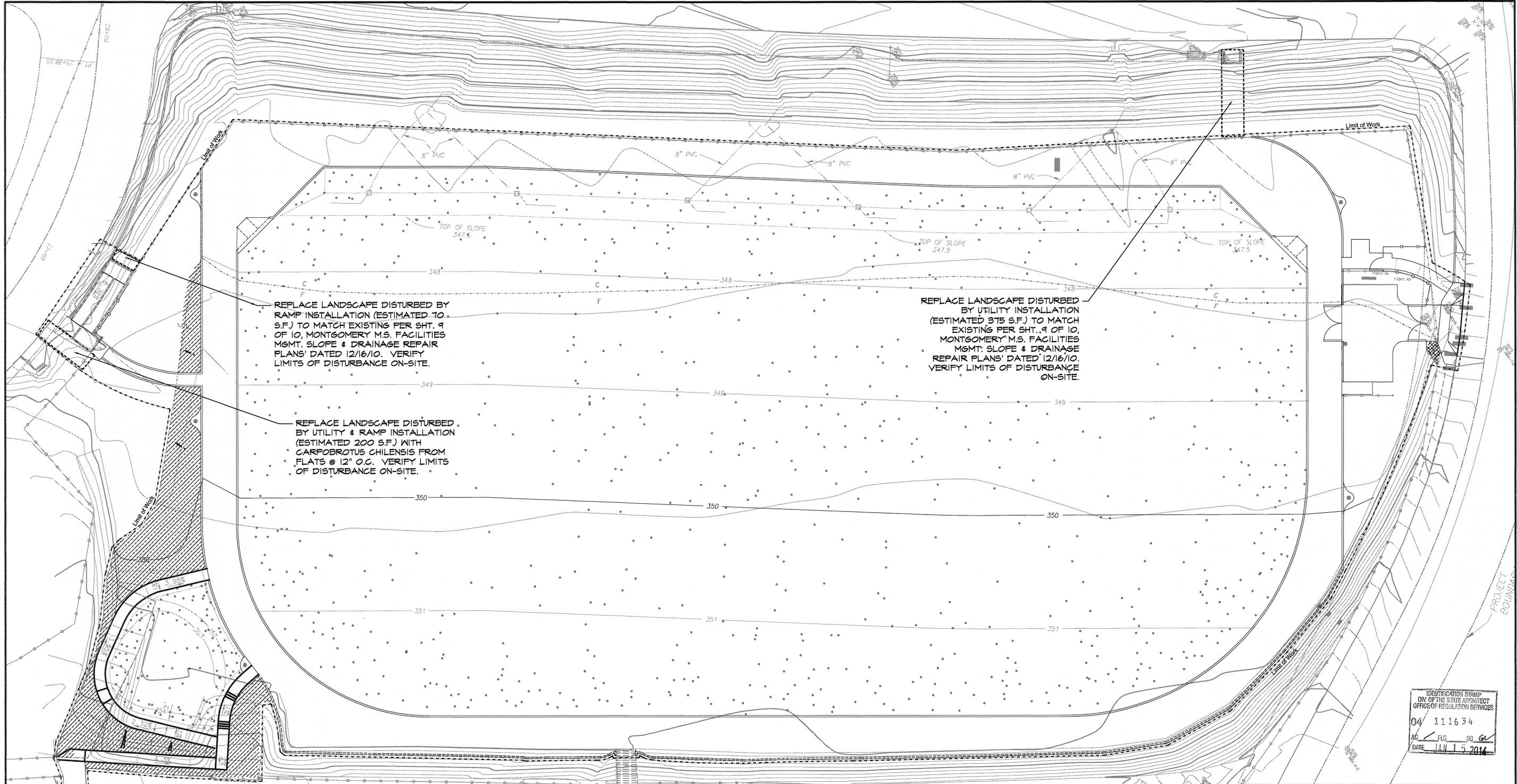
NOTE:
SEE SHEETS 25-26 FOR
DETAILS LISTED ABOVE.



HOWARD ASSOCIATES
 landscape architecture
 2402 AVENUE 168 • SAN DIEGO, CA 92108 • 619 738 9600

IRRIGATION LEGEND NOTES AND DETAILS				FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY	
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 15 OF 25 SHEETS				WBS NO.	S-00973
FOR CITY ENGINEER				DATE	1/28/14
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	HAI				
AS BUILT				DATE STARTED	
CONTRACTOR				DATE COMPLETED	
INSPECTOR					
SECTION HEAD				KEVIN OLIVER	
PROJECT MANAGER				MARK CALLERAN	
CONSTRUCTION DEPARTMENT				PUBLIC WORKS DEPT.	
LABORER COORDINATOR				226-1713	
				35375-15-D	

DSA Revision #1



REPLACE LANDSCAPE DISTURBED BY RAMP INSTALLATION (ESTIMATED TO 50 S.F.) TO MATCH EXISTING PER SHT. 9 OF 10, MONTGOMERY M.S. FACILITIES MGMT. SLOPE & DRAINAGE REPAIR PLANS DATED 12/16/10. VERIFY LIMITS OF DISTURBANCE ON-SITE.

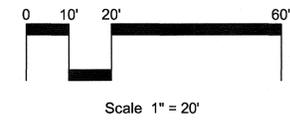
REPLACE LANDSCAPE DISTURBED BY UTILITY INSTALLATION (ESTIMATED 375 S.F.) TO MATCH EXISTING PER SHT. 9 OF 10, MONTGOMERY M.S. FACILITIES MGMT. SLOPE & DRAINAGE REPAIR PLANS DATED 12/16/10. VERIFY LIMITS OF DISTURBANCE ON-SITE.

REPLACE LANDSCAPE DISTURBED BY UTILITY & RAMP INSTALLATION (ESTIMATED 200 S.F.) WITH CARPOBROTUS CHILENSIS FROM FLATS @ 12' O.C. VERIFY LIMITS OF DISTURBANCE ON-SITE.

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 04 111634
 AC / FLG 93 GL
 DATE JAN 15 2014

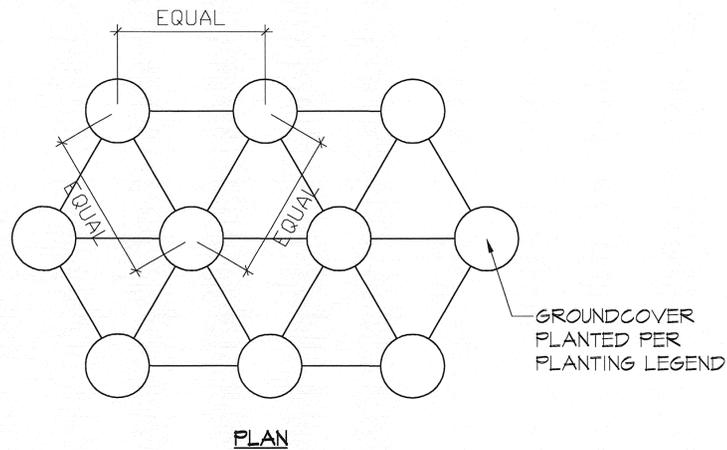
PLANTING PLAN FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY SPEC. # 4976

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 16 OF 25 SHEETS		WBS NO. S-00973
FOR CITY ENGINEER DATE 1/28/14		SECTION HEAD KEVIN OLIVER
DESCRIPTION	BY	APPROVED
DATE	DATE	FILMED
ORIGINAL	HAI	
PROJECT MANAGER MARK CALLERAN		PUBLIC WORKS DEPT. CONSTRUCTION DEPARTMENT
AS BUILT		226-1713 LAURET COOPER
CONTRACTOR	DATE STARTED	35375-16-D
INSPECTOR	DATE COMPLETED	



FOR PLANTING LEGEND AND NOTES SEE SHEET 17

HOWARD ASSOCIATES
 landscape architecture
 2442 SECOND AVENUE SAN DIEGO CA 92101 619 718 9600
 HAI PROJ. #07026 DATE: 01-14-2014



PLAN

A Groundcover Spacing
NOT TO SCALE

- PLANTING NOTES:**
1. THE CONTRACTOR SHALL PROTECT IN PLACE ALL EXISTING PLANTER AREAS AND PLANT MATERIAL AS INDICATED ON THE PLANS OR AS SPECIFIED IN THE FIELD BY THE RESIDENT ENGINEER.
 2. THE PLANTING PLAN IS DIAGRAMMATIC. ALL PLANT LOCATIONS ARE APPROXIMATE. ALL PLANT LOCATIONS TAKE PRECEDENCE OVER PLANT QUANTITIES SPECIFIED. PLANT QUANTITIES ARE APPROXIMATE AND ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER OF ANY DISCREPANCIES BETWEEN SYMBOLS AND QUANTITIES SHOWN.
 3. APPLY A CONTACT HERBICIDE, WHERE WEEDS ARE PRESENT, PER MANUFACTURER'S SPECIFICATIONS, A MINIMUM OF TEN DAYS PRIOR TO COMMENCEMENT OF ANY PLANTING OR IRRIGATION WORK. WEEDS, INCLUDING THEIR ROOTS, SHALL BE ALLOWED TO COMPLETELY DIE BACK BEFORE PROCEEDING WITH WORK.
 4. INSTALL A 1/2" LAYER OF BARK MULCH TO ALL AREAS FLATTER THAN 3:1, UNLESS OTHERWISE INDICATED ON PLANS.
 5. PLACE PLANTS NO CLOSER THAN 12" TO SPRINKLER HEADS.
 6. IF WATER RESTRICTIONS ARE IN PLACE WHICH WOULD PREVENT CONTROLLER FROM WATERING SUFFICIENT TO ESTABLISH AND MAINTAIN PLANTINGS, CONTRACTOR SHALL APPLY TO WATER DISTRICT AND ANY OTHER AGENCIES TO OBTAIN A VARIANCE TO ALLOW NECESSARY WATERING. CONTRACTOR SHALL OBTAIN VARIANCE PRIOR TO PLANTING.

- PROTECT IN-PLACE & REPLACEMENT NOTES:**
1. PRIOR TO BEGINNING WORK, CONTRACTOR SHALL INVENTORY SIZE, TYPE, AND LOCATION OF ALL EXISTING PLANT MATERIAL.
 2. ALL EXISTING LANDSCAPE AREAS TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
 3. ANY SHRUBS DAMAGED BY CONSTRUCTION SHALL BE REMOVED AND REPLACED AS FOLLOWS:
 - A. REPLACE DEAD OR DAMAGED SHRUB WITH NEW SHRUB OF 5 GALLON SIZE, AND OF THE SAME SPECIES AS THAT OF REMOVED.
 - B. REPLACE DEAD OR DAMAGED GROUND COVER WITH NEW GROUND COVER FROM FLATS AT 12" O.C., AND OF THE SAME SPECIES AS THAT OF REMOVED.
 4. CONTRACTOR TO SUBMIT A LIST OF ALL PLANT MATERIAL TO BE REMOVED, AND ALL PROPOSED REPLACEMENT SHRUBS AND GROUND COVER TO LANDSCAPE ARCHITECT PRIOR TO SHRUB PLANTING (INCLUDE QUALITY, TYPE, AND APPROXIMATE LOCATION).

Plant Legend

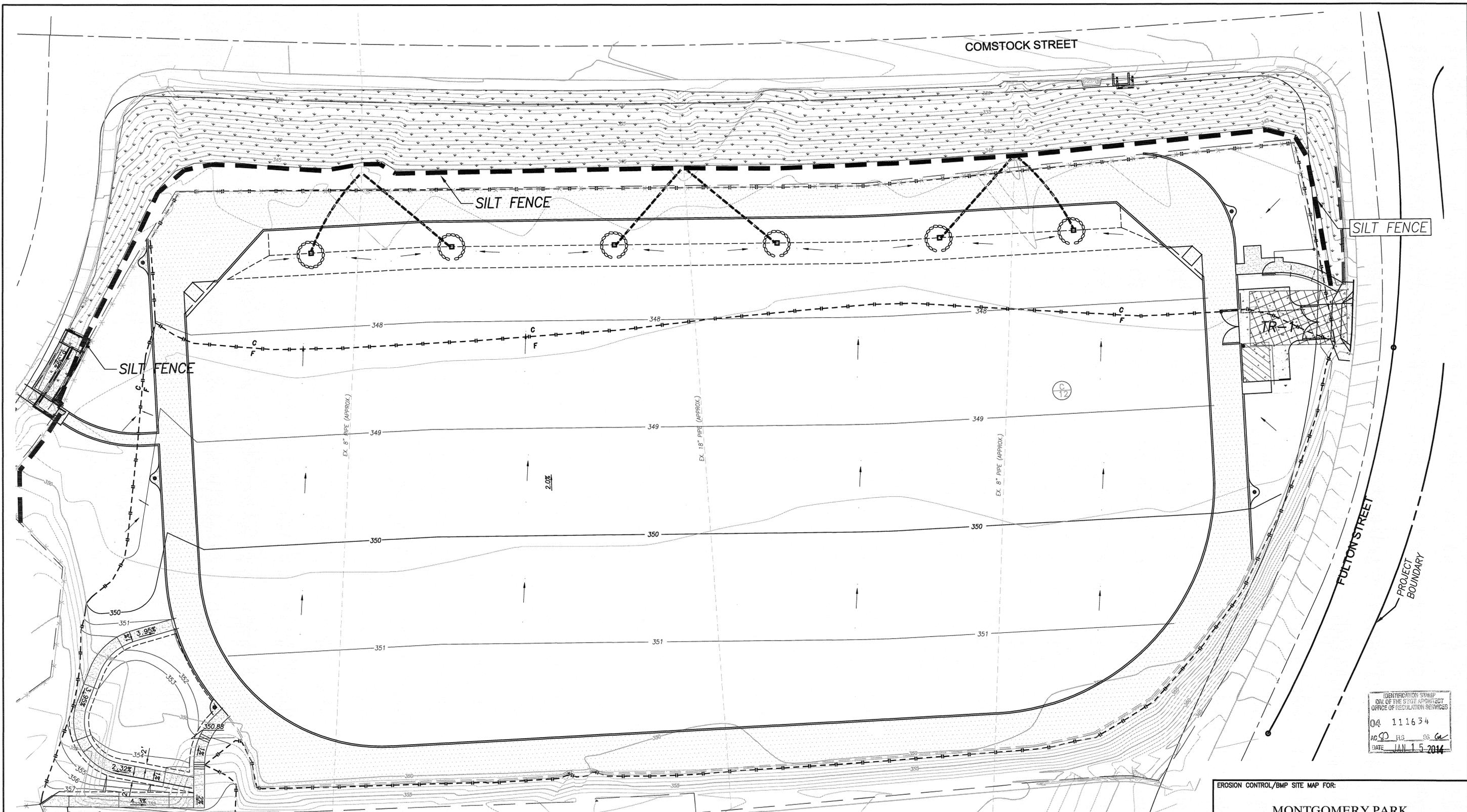
SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	DETAIL
SHRUBS:				
	ROSMARINUS OFFICINALIS 'PROSTRATUS'	PROSTRATE ROSEMARY	FLATS @ 12" O.C.	A, THIS SHEET
	BALLFIELD MIX 2A BY AGRONOTEC, OR APPROVED ALTERNATE		HYDROSEED	SEE SPECIFICATIONS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECTURE
OFFICE OF REGULATION SERVICES
04 111634
AC / FLS 05 G
DATE JAN 13 2014

HOWARD ASSOCIATES
landscape architecture
2402 SECOND AVENUE SAN DIEGO CA 92101 619 718 0600
HAI PROJ. #07026 DATE: 01-14-2014

PLANTING LEGEND AND NOTES FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY SPEC. # 4976

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 17 OF 25 SHEETS		WBS NO. S-00973
FOR CITY ENGINEER	DATE 1/28/14	SECTION HEAD KEVIN OLIVER
DESCRIPTION	BY APPROVED DATE FILMED	PROJECT MANAGER MARK CALLERAN
ORIGINAL	HAI	PUBLIC WORKS DEPT. CONSTRUCTION DEPARTMENT
AS BUILT		226-1713 LANDSCAPE COORDINATOR
CONTRACTOR	DATE STARTED	35375-17-D
INSPECTOR	DATE COMPLETED	

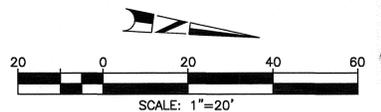


IDENTIFICATION STAMP
 DIV. OF THE STATE APPOINTMENT
 OFFICE OF REGULATION SERVICES
 04 111634
 AC SO FIG. S6. G4
 DATE JAN 15 2014

LEGEND

- DRAINAGE PATTERNS
- UNDISTURBED VEGETATION
- SILT FENCE (SE-1)
- CONSTRUCTION ENTRANCE (TR-1)
- INLET PROTECTION (SE-10)

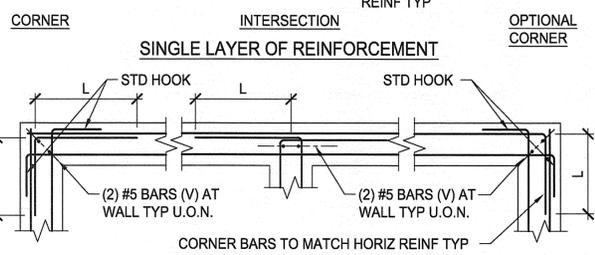
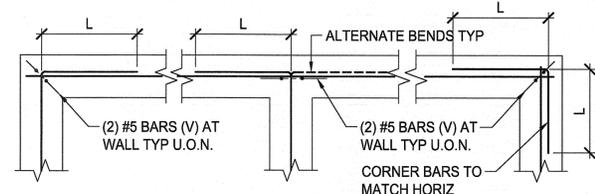
NOTES:
 1. THE ABOVE LEGEND INCLUDES ITEMS THAT MAY OR MAY NOT BE PRESENT ON SITE. THE ONSITE SUPERINTENDANT IS RESPONSIBLE TO UPDATE THE EXHIBIT AS NEEDED. UPDATES WILL BE AT A MINIMUM WEEKLY.
 2. CHANGES MADE TO THIS PLAN WILL HAVE THE ACTIVITY DATE MARKED BESIDE IT.



Lundstrom + associates
 | PLANNING | CIVIL ENGINEERING | LAND SURVEYING |

5333 Mission Center Road #115
 San Diego, CA 92108
 Tel: 619.641.5900 Fax: 619.641.5910

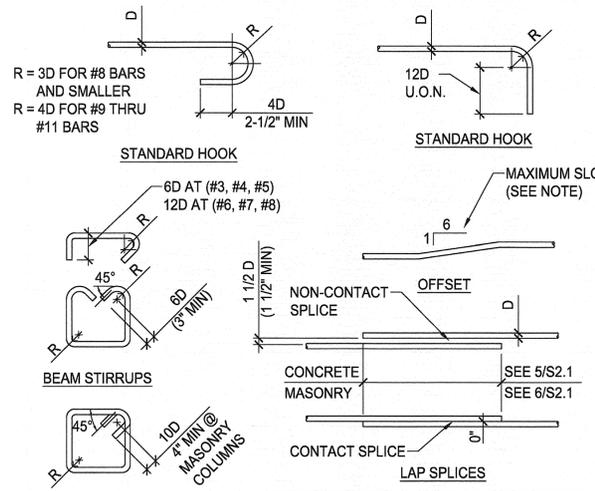
EROSION CONTROL/BMP SITE MAP FOR:				MONTGOMERY PARK		SPEC. # 4976	
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 18 OF 25 SHEETS				W.O. NO. S-00973		DATE 1/28/14	
CITY ENGINEER		BY		DATE		FILMED	
ORIGINAL		AS BUILT		CONTRACTOR INSPECTOR		CONSTRUCTION DEPARTMENT	
SECTION HEAD		PROJECT MANAGER		PUBLIC WORKS DEPT.		226-1713	
LAMBERT COORDINATES		DATE STARTED		DATE COMPLETED		35375-18-D	
				DATE: 10-31-13			



L = PER 2/S1.2 FOR CONCRETE
L = PER 3/S1.2 FOR MASONRY

TYPICAL REINFORCING AT INTERSECTIONS OF CONCRETE / MASONRY WALLS AND FOOTINGS

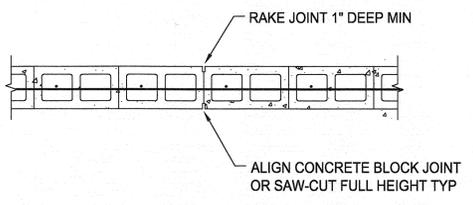
1



NOTE:
1. USE OFFSET ONLY WHERE SPECIFICALLY DETAILED AND AT COLUMNS.

TYPICAL REINFORCEMENT BAR BENDS

2



8" MASONRY WALL CONTROL/CONST JOINT

3

DESIGN CRITERIA:

1. APPLICABLE CODES:
CALIFORNIA BUILDING CODE, 2010 EDITION
2. LIVE LOADS, UNIFORM AS FOLLOWS:
A. TYPICAL FLOOR 80psf
3. SEISMIC DESIGN CRITERIA:
SITE CLASS D
SEISMIC DESIGN CATEGORY D
OCCUPANCY CATEGORY III
 $F_a = 1.0$
 $F_v = 1.5$
 $S_{MS} = 1.552$
 $S_{M1} = 0.895$
 $S_{S1} = 1.035$
 $S_{S2} = 0.597$
 $I = 1.25$
 $R = \text{FOR 5, SPECIAL REINFORCED MASONRY}$
 $V = C_3W$
 $CS = \frac{S_{S2}}{(R1)}$
(EQUIVALENT LATERAL FORCE PROCEDURE)

4. WIND DESIGN CRITERIA:
 $V = 85$ M.P.H.
WIND EXPOSURE C
OCCUPANCY CATEGORY III
 $I = 1.15$
 $G_{Cp1} = \pm 0.18$
 $P = qh (G_{Cp} - G_{Cp1})$
 $qh = 13.4$ psf

COMPONENTS AND CLADDING:
 $G_{Cp} = \text{SEE ASCE 7-05 FIGURE 6-11 THROUGH 6-17, AS APPLICABLE}$

MAIN WIND FORCE RESISTING SYSTEM:
 $C_p = \text{SEE ASCE 7-05 FIGURE 6-6, AS APPLICABLE}$
 $G = 0.85$
 $P = q(G_{Cp} - G_{Cp1})$

NOTICE TO OWNER/OWNER'S AGENT:

BY USING THIS PERMITTED SET OF CONSTRUCTION DRAWINGS FOR CONSTRUCTION AND/OR INSTALLATION OF THE WORK SPECIFIED HEREIN, YOU AGREE TO COMPLY WITH THE REQUIREMENTS OF DIVISION OF STATE ARCHITECT FOR SPECIAL INSPECTIONS, STRUCTURAL OBSERVATIONS, CONSTRUCTION MATERIALS TESTING AND OFF-SITE FABRICATION OF BUILDING COMPONENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS AND AS REQUIRED BY THE CALIFORNIA CONSTRUCTION CODES.

NOTICE TO CONTRACTOR:

BY USING THIS PERMITTED SET OF CONSTRUCTION DRAWINGS FOR CONSTRUCTION AND/OR INSTALLATION OF THE WORK SPECIFIED HEREIN, YOU ACKNOWLEDGE AND ARE AWARE OF THE REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS. YOU AGREE TO COMPLY WITH THE REQUIREMENTS OF THE DIVISION OF STATE ARCHITECT FOR SPECIAL INSPECTIONS, STRUCTURAL OBSERVATIONS, CONSTRUCTION MATERIALS TESTING AND OFF-SITE FABRICATION OF BUILDING COMPONENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS AND AS REQUIRED BY THE CALIFORNIA CONSTRUCTION CODES.

REINFORCED MASONRY:

1. MASONRY CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE 2010 CALIFORNIA BUILDING CODE AND ACI 530/530.1, "BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES," LATEST APPROVED EDITION.
2. CONCRETE BLOCK UNITS SHALL COMPLY WITH ASTM C 90, MEDIUM WEIGHT. THE COMPRESSIVE STRENGTH OF THE UNITS SHALL BE 1900psi.
3. THE COMPRESSIVE STRENGTH OF THE MASONRY ASSEMBLY, $f_m = 1500$ psi.
4. ALL WALLS SHALL BE GROUTED SOLID. LIFTS SHALL NOT EXCEED 4'-0" IN HEIGHT UNLESS HIGHER LIFTS ARE APPROVED BY THE ENGINEER OF RECORD. CLEANOUT HOLES SHALL BE PROVIDED AT THE BASE OF ALL GROUTED CELLS, AND SHALL BE SPACED NO GREATER THAN 32" o.c. FOR SOLIDLY GROUTED MASONRY. GROUT SHALL BE MECHANICALLY VIBRATED.
5. GROUT SPACES SHALL BE FREE OF MORTAR DROPPINGS, DEBRIS, LOOSE AGGREGATES AND ANY OTHER DELETERIOUS MATERIALS.
6. GROUT CONSTRUCTION JOINTS SHALL BE FORMED BY STOPPING THE POUR 1 1/2" BELOW THE TOP OF THE UPPERMOST UNIT.
7. MORTAR SHALL CONFORM TO ASTM C270, TYPE S, WITH AN AVERAGE 28-DAY COMPRESSIVE STRENGTH OF 1800psi MINIMUM.
8. GROUT SHALL CONFORM TO ASTM C476 AND SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 2000psi.
9. REINFORCING SHALL COMPLY WITH ASTM A615, GRADE 60.
10. PROVIDE VERTICAL BARS AT ENDS AND CORNERS OF MASONRY WALLS PER 2/S1.1 AT A MINIMUM, UNLESS OTHERWISE NOTED ON PLANS.
11. CONTINUOUS REINFORCING SHALL LAP PER 6/S2.1.
12. MASONRY CONSTRUCTION SHALL BE RUNNING BOND U.O.N.
13. ALL JOINTS SHALL BE FULL BUTTERED.

GENERAL SPECIAL INSPECTION NOTES:

1. SPECIAL INSPECTIONS, STRUCTURAL TESTS, AND STRUCTURAL OBSERVATIONS SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF CHAPTER 17A OF THE 2010 CBC.
2. THE SPECIAL INSPECTOR MUST BE CERTIFIED BY THE DIVISION OF STATE ARCHITECT IN THE CATEGORY OF WORK REQUIRED TO HAVE SPECIAL INSPECTION.
3. THE SPECIAL INSPECTIONS IDENTIFIED ON PLANS ARE IN ADDITION TO AND NOT A SUBSTITUTE FOR THOSE INSPECTIONS REQUIRED TO BE PERFORMED BY THE DIVISION OF STATE ARCHITECT INSPECTOR.
4. A PROPERTY OWNER'S FINAL REPORT FORM FOR WORK REQUIRED TO HAVE SPECIAL INSPECTIONS, TESTING AND STRUCTURAL OBSERVATIONS MUST BE COMPLETED BY THE PROPERTY OWNER, PROPERTY OWNER'S AGENT OF RECORD, ARCHITECT OF RECORD OR ENGINEER OF RECORD AND SUBMITTED TO THE DIVISION OF STATE ARCHITECT.
5. THE FABRICATOR SHALL SUBMIT AN "APPLICATION TO PERFORM OFF-SITE FABRICATION" TO THE INSPECTION SERVICES DIVISION FOR APPROVAL PRIOR TO COMMENCEMENT OF FABRICATION.
6. THE FABRICATOR SHALL SUBMIT A "CERTIFICATE OF COMPLIANCE FOR OFF-SITE FABRICATION" TO THE DIVISION OF STATE ARCHITECT PRIOR TO THE ERECTION OF FABRICATED ITEMS AND ASSEMBLIES.
7. THE CONSTRUCTION MATERIALS TESTING LABORATORY MUST BE APPROVED BY THE DIVISION OF STATE ARCHITECT FOR TESTING OF MATERIALS, SYSTEMS, COMPONENTS AND EQUIPMENT.
8. WHERE MATERIALS OR ASSEMBLIES ARE REQUIRED BY THE BUILDING CODE TO BE LABELED, SUCH MATERIALS AND ASSEMBLIES SHALL BE LABELED BY AN AGENCY APPROVED BY THE DIVISION OF STATE ARCHITECT, IN ACCORDANCE WITH CBC SECTION 1703A. PRODUCTS AND MATERIALS TO BE LABELED SHALL BE TESTED, INSPECTED AND LABELED IN ACCORDANCE WITH THE PROCEDURES SET FORTH IN CBC SECTIONS 1703A.5.1 THROUGH 1703A.5.3. IDENTIFY ON PLANS THE NAME AND ADDRESS OF THE TESTING / INSPECTION AGENT.

ITEMS REQUIRING SPECIAL INSPECTION:

1. STRUCTURAL CONCRETE PER CBC SECTION 1704A.4 AND TABLE 1704A.4.
2. MASONRY PER CBC SECTION 1704A.5, LEVEL 1, AND TABLE 1704A.5.1.
3. EXISTING SITE SOIL CONDITIONS, FILL PLACEMENT AND LOAD-BEARING REQUIREMENTS PER CBC SECTION 1704A.7 AND TABLE 1704A.7.

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GENERAL:

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE STARTING WORK AND NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES THAT ARE FOUND.
2. DO NOT SCALE DETAILS OR DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL DIMENSIONS WHERE REQUIRED.
3. SPECIFIC NOTES AND DETAILS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
4. WHERE NO CONSTRUCTION DETAILS ARE SHOWN OR NOTED FOR ANY PART OF THE WORK, THE DETAILS USED SHALL BE THE SAME AS FOR OTHER SIMILAR WORK.
5. WHEN A DETAIL IS IDENTIFIED AS TYPICAL, THE CONTRACTOR IS TO APPLY THIS DETAIL IN ESTIMATION AND CONSTRUCTION TO EVERY LIKE CONDITION WHETHER OR NOT THE REFERENCE IS REPEATED IN EVERY INSTANCE.
6. ALL WORK SHALL CONFORM TO THE 2010 EDITION OF THE CALIFORNIA BUILDING CODE (CBC) AND OTHER REGULATORY AGENCIES WHO MAY HAVE AUTHORITY OVER THE WORK.
7. THESE DRAWINGS REPRESENT THE STRUCTURE IN ITS FINAL CONFIGURATION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR FOR ALL MEANS AND METHODS ASSOCIATED WITH ACHIEVING THIS FINAL CONFIGURATION, INCLUDING BUT NOT LIMITED TO SHORING, BRACING OR SOILS EXCAVATIONS.
8. MATERIAL NOTES AND SPECIFICATIONS ON THESE DRAWINGS SHALL TAKE PRECEDENCE OVER THE SPECIFICATIONS IN THE CASE OF A DISCREPANCY.
9. ALL REFERENCED CODES AND STANDARDS SHALL BE THE LATEST APPROVED EDITION, U.O.N.

FOUNDATION:

1. FOR CHARACTER OF FOUNDATION SOIL, SEE SOILS REPORT BY GEOCON INC., PROJECT NO. 06921-22-01, DATED JUNE 18, 2002.
2. THE ALLOWABLE SOIL BEARING PRESSURE IS 2000psf AT CONTINUOUS WALL FOOTINGS. THE ALLOWABLE SOIL BEARING PRESSURES MAY BE INCREASED BY ONE THIRD WHEN CONSIDERING LOADING OF SHORT DURATION SUCH AS WIND OR SEISMIC FORCES.
3. FOOTINGS SHALL EXTEND TO A MINIMUM DEPTH OF 1'-6" BELOW LOWEST ADJACENT SOIL GRADE.

CONCRETE:

1. CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH AS FOLLOWS:

	W/C RATIO
A. FOUNDATIONS	3000psi. 0.55
B. SLAB ON GRADE	4000psi. 0.40
2. CEMENT SHALL COMPLY WITH ASTM C150, TYPE II. CLASS F FLY ASH MAY BE SUBSTITUTED UP TO A MAXIMUM OF 20% BY WEIGHT OF CEMENTITIOUS MATERIALS IN NORMAL WEIGHT CONCRETE. SLABS ON GRADE SHALL HAVE 25% BY WEIGHT FLY ASH. MAXIMUM WATER CONTENT SHALL BE LIMITED TO 40 GALLONS / YARD.
3. NO PIPES OR DUCTS SHALL BE PLACED IN CONCRETE COLUMNS, WALLS, OR SLABS UNLESS SPECIFICALLY DETAILED ON STRUCTURAL DRAWINGS.
4. REINFORCEMENT SHALL BE SECURELY SUPPORTED IN POSITION PRIOR TO PLACING CONCRETE.
5. WALLS AND COLUMNS SHALL BE DOWELED FROM SUPPORTS WITH BARS OF THE SAME SIZE AND SPACING U.O.N.
6. SPLICE CONTINUOUS REINFORCING WITH 2'-0" MINIMUM LAP U.O.N. PER 5/S2.1. BARS SPLICED WITH NON-CONTACT LAP SPLICES SHALL NOT BE SPACED TRANSVERSELY FARTHER APART THAN THE SMALLER OF ONE-FIFTH THE REQUIRED LAP SPLICE LENGTH AND 6". STAGGER SPLICES AT SLAB ON GRADE.
7. ALL REINFORCING STEEL SHALL BE DETAILED AND PLACED IN CONFORMANCE WITH THE "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (ACI 318, LATEST APPROVED EDITION) AND THE "MANUAL OF STANDARD PRACTICE" BY CRSI, AS MODIFIED BY THE PROJECT DRAWINGS AND SPECIFICATIONS.
8. PROVIDE BAR BENDS PER 2/S1.1.
TYPICAL CONCRETE COVER FOR REINFORCING:
CONCRETE CAST AGAINST EARTH 3"
EXPOSED TO EARTH OR WEATHER
#6 AND LARGER 2"
#5 AND SMALLER 1 1/2"
UNEXPOSED COLUMNS, BEAMS, & GIRDERS 1 1/2"
UNEXPOSED SLABS 1"
WALLS (INTERIOR) 1"
9. REINFORCEMENT SHALL COMPLY WITH ASTM A615, GRADE 60, EXCEPT THAT REINFORCEMENT TO BE WELDED SHALL COMPLY WITH ASTM A706. REINFORCEMENT USED IN CONCRETE FRAME MEMBERS, SHEAR WALLS AND COUPLING BEAMS SHALL COMPLY WITH ASTM A706 UNLESS OTHERWISE APPROVED BY THE ENGINEER OF RECORD.

S1.1



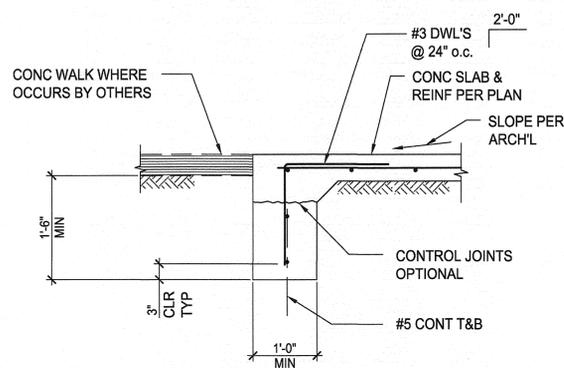
BURKETT & WONG
ENGINEERS & SURVEYORS
3434 Fourth Ave. San Diego CA.
92103-5704 * (619) 299-5550



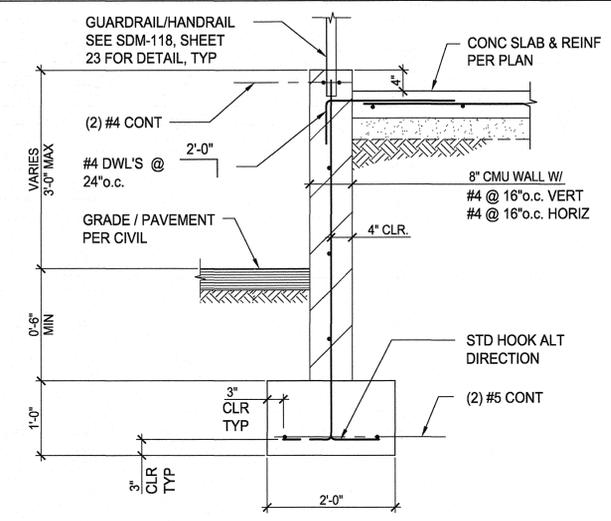
HOWARD ASSOCIATES
landscape architecture
2042 SECOND AVENUE SAN DIEGO CA 92101 619 738 9600
HAL PROJECT # 07026 DATE: 1-14-2014

FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY SPEC. # 4978

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 19R OF 25 SHEETS		W.O. NO. S-00973
CITY ENGINEER: MARK NASSAR	DATE: 1/28/14	SECTION HEAD: KEVIN OLIVER
DESCRIPTION	BY	APPROVED
ORIGINAL	HAI	
PROJECT MANAGER: MARK CALLERAN		PUBLIC WORKS DEPT.
CONSTRUCTION DEPARTMENT		226-1713
AS BUILT	DATE STARTED	LAMBERT COORDINATES
CONTRACTOR INSPECTOR	DATE COMPLETED	35375-19-D

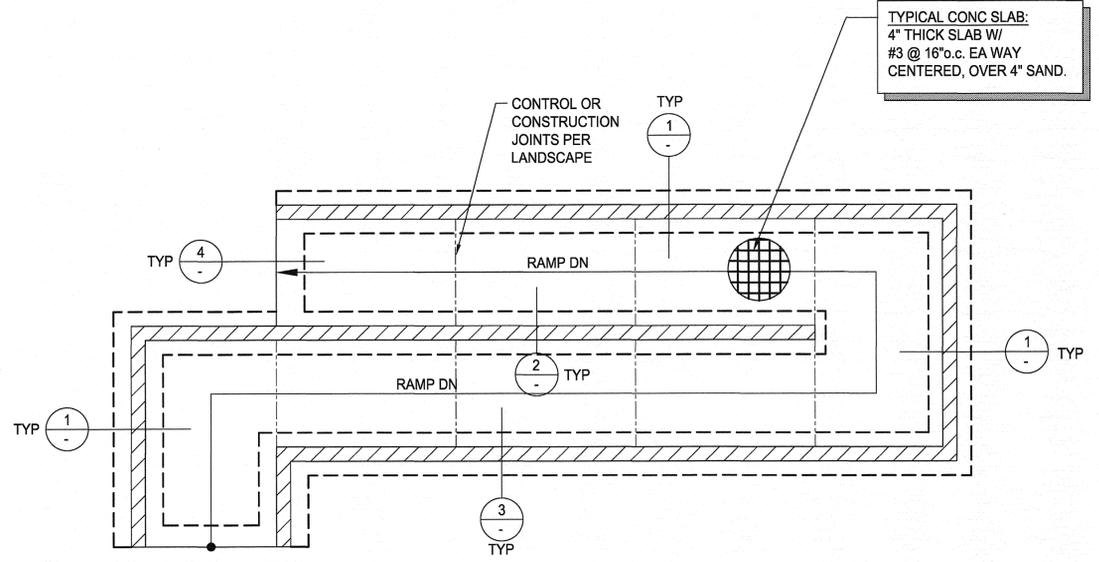


TURN DOWN FOOTING



RAMP DETAIL

SCALE: 3/4" = 1'-0", TYP. U.O.N.



FOUNDATION PLAN

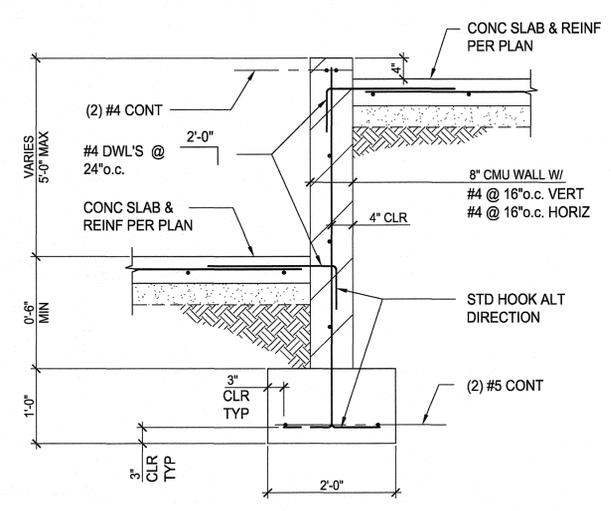
SCALE: 1/4" = 1'-0"

1. FOR ADDITIONAL NOTES, SEE SHEET S1.1.
2. DENOTES 8" CMU BLOCK.
3. FOR SLOPE AND DIMENSIONS, SEE ARCHITECTURAL.

CONCRETE LAP SPLICES PER ACI 318 (INCHES)				
BAR SIZE	LAP CLASS	f _c =3000 psi	f _c =4000 psi	f _c =5000 psi
3	B	24	24	24
4	B	29	25	25
5	B	36	31	28
6	B	43	37	34
7	B	63	54	49
8	B	72	62	56
9	B	81	70	63
10	B	91	79	71
11	B	101	87	78

- NOTES:
1. TABULATED VALUES ARE FOR NORMAL WEIGHT CONCRETE. MULTIPLY BY 1.3 FOR USE IN LIGHT WEIGHT CONCRETE.
 2. TABULATED VALUES ARE FOR UNCOATED OR ZINC-COATED REINFORCEMENT.
 3. TABULATED VALUES REQUIRE CLEAR COVER OF AT LEAST 1 BAR DIAMETER AND CLEAR SPACING OF AT LEAST 2 BAR DIAMETERS.
 4. FOR HORIZONTAL REINFORCEMENT WITH MORE THAN 12" OF FRESH CONCRETE CAST BELOW THE BARS, MULTIPLY VALUES BY 1.3.
 5. BARS LARGER THAN #11 SHALL NOT BE LAP SPICED.
 6. BUNDLED BARS ARE SUBJECT TO ADDITIONAL REQUIREMENTS AND SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY THE ENGINEER OF RECORD.

CONCRETE LAP SPICE SCHEDULE

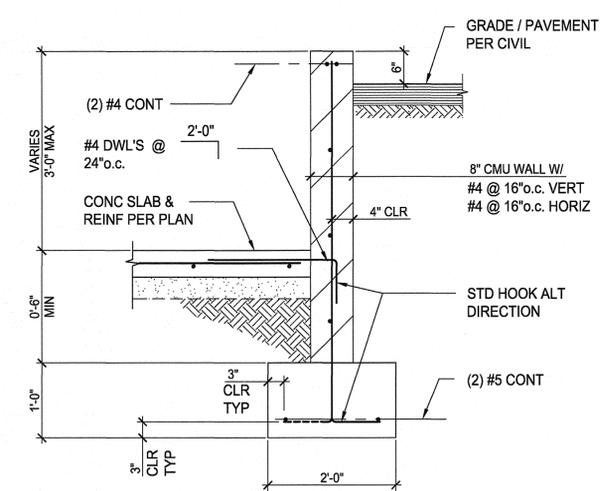


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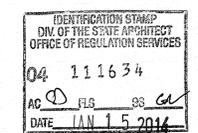
MASONRY LAP SPLICES PER ACI 530 & 2010 C.B.C.		
BAR SIZE	2" MIN CLEAR COVER & SPACING LAP (INCHES):	3.5" MIN CLEAR COVER & SPACING LAP (INCHES):
3	16	16
4	26	21
5	40	26
6	54	43
7	101	58
8	152	87
9	193	110

- NOTES:
1. TABULATED VALUES ARE FOR GRADE 60 REINFORCING BAR AND MINIMUM 1500 psi MASONRY.
 2. TABULATED VALUES ASSUME NO EPOXY COATING.
 3. TABULATED VALUES ASSUME MINIMUM CLEAR COVER AND SPACING AS NOTED.
 4. #9 BARS ARE THE LARGEST DIAMETER BARS ALLOWED FOR USE IN MASONRY.
 5. BUNDLED BARS ARE NOT PERMITTED IN MASONRY.
 6. FOLLOW ACI-530 FOR CIRCUMSTANCES NOT MEETING THESE ASSUMPTIONS.

LAP SPICE SCHEDULE-MASONRY



RAMP DETAIL



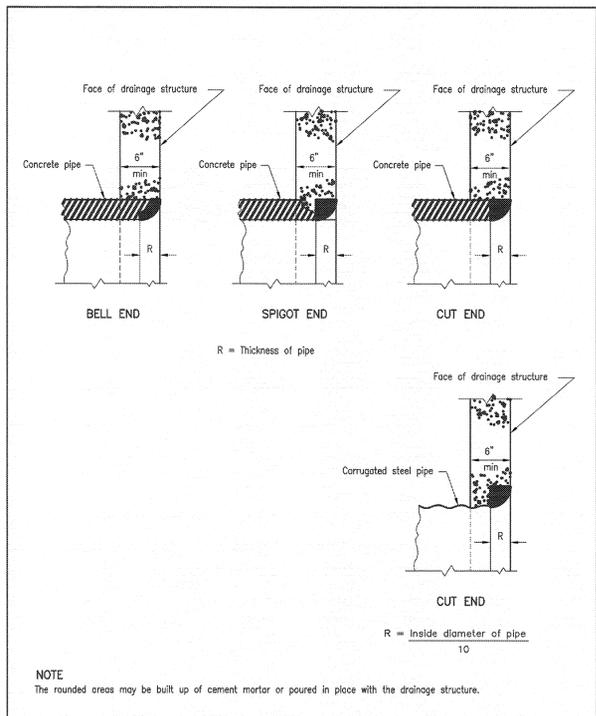
S2.1



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HOWARD ASSOCIATES
landscape architecture
2842 SECOND AVENUE SAN DIEGO CA 92101 619 738 9600
HAI PROJECT # 07026 DATE: 1-14-2014

FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY					W.O. NO. S-00973
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 20R OF 25 SHEETS					226-1713 LABORATORY COORDINATES
CITY ENGINEER: MARK NASSAR DATE: 1/28/14					KEVIN OLIVER SECTION HEAD
DESCRIPTION	BY	APPROVED	DATE	FILMED	MARK CALLERAN PROJECT MANAGER
ORIGINAL	HAI				PUBLIC WORKS DEPT. CONSTRUCTION DEPARTMENT
AS BUILT					
CONTRACTOR INSPECTOR		DATE STARTED	DATE COMPLETED		35375-20-D



Revision	By	Approved	Date
ORIGINAL	Kercheval		12/79
ADD METRIC	T. Stanton		03/03
RECOMMENDED	T. Stanton		04/06
UPDATED	S.S. T. Rogelio		03/11

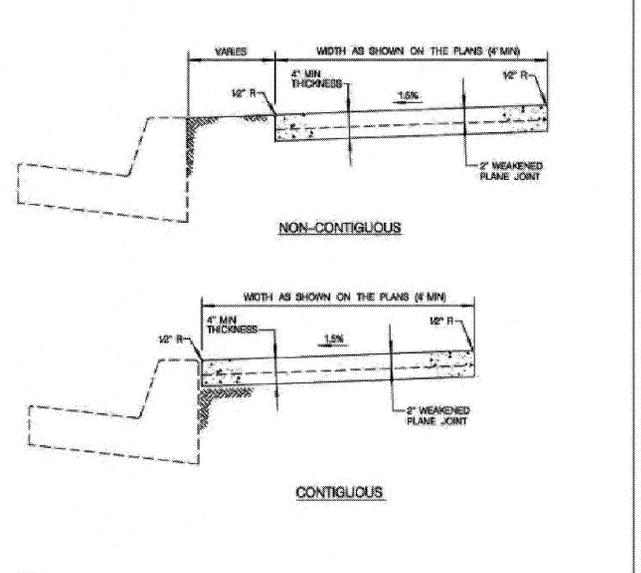
SAN DIEGO REGIONAL STANDARD DRAWING

ROUNDED PIPE ENDS IN DRAINAGE STRUCTURES

RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE

DATE: 7/26/2016

DRAWING NUMBER: **D-61**



NOTES:

- CONCRETE SHALL BE 900-C-2800.
- SEE JOINT DETAIL DRAWINGS.
- SIDEWALK SHALL MAINTAIN A MINIMUM CLEAR WIDTH OF 4' OF TRAVEL FROM ANY OBSTRUCTION.
- ALL HISTORICAL STAMPS / IMPRESSIONS (STREET NAME, CONTRACTOR NAME, AND/OR DATE) SHALL BE PRESERVED.
- FOR DESIGNATED URBANIZED COMMUNITIES, SIDEWALK DESIGN (SCORING PATTERN, COLOR, TEXTURE) SHALL BE IN CONFORMANCE WITH HISTORIC DESIGN ON ADJACENT PROPERTIES.

LEGEND ON PLANS

ACCEPT: *[Signature]*

REVISION	BY	APPROVED	DATE
ORIGINAL	HA	HA	03/11

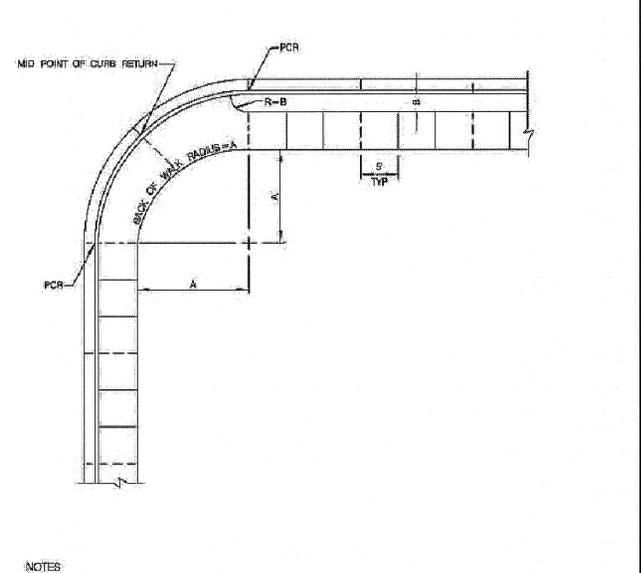
CITY OF SAN DIEGO - STANDARD DRAWING

SIDEWALK - TYPICAL SECTIONS

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

DATE: 10/20/12

DRAWING NUMBER: **SDG-155**



NOTES:

- EXPANSION JOINTS --- AT CURB RETURNS, ADJACENT TO STRUCTURES AND AT 45' INTERVALS.
- WEAKENED PLANE JOINTS --- AT MID POINT OF CURB RETURN, WHEN REQUIRED, AND AT 15' INTERVALS FROM PCR'S ABSENT A CURB RAMP.
- TOOLED JOINTS --- 1/4" GROOVES WITH 1/4" RADIUS EDGES AT 8' INTERVALS.
- FOR DESIGNATED URBANIZED COMMUNITIES, SIDEWALK SCORING (SCORING PATTERN, COLOR, TEXTURE) SHALL BE IN CONFORMANCE WITH HISTORIC DESIGN ON ADJACENT PROPERTIES.

LEGEND ON PLANS

ACCEPT: *[Signature]*

REVISION	BY	APPROVED	DATE
ORIGINAL	HA	HA	03/11

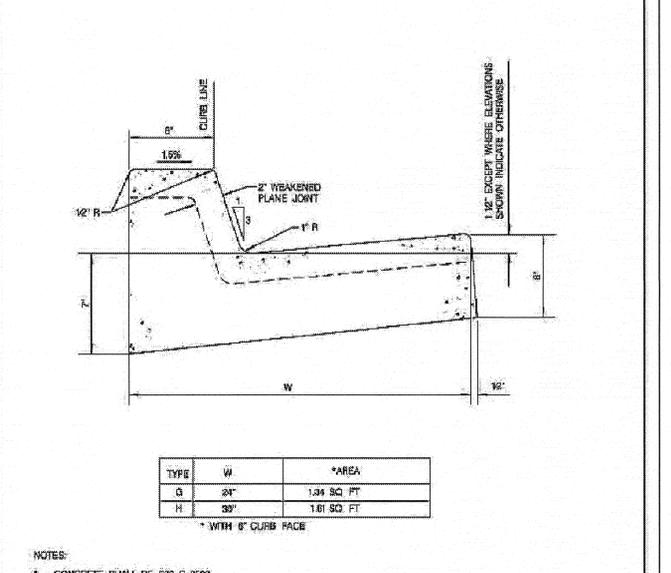
CITY OF SAN DIEGO - STANDARD DRAWING

SIDEWALK JOINT LOCATIONS

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

DATE: 10/20/12

DRAWING NUMBER: **SDG-109**



NOTES:

- CONCRETE SHALL BE 900-C-2800.
- SEE JOINT DETAIL DRAWINGS.
- ON THE SIDE OF SUPER ELEVATED CURVES THE GUTTER SHALL BE SLOPED TO MATCH CROSS SECTION GRADE OF THE ROADWAY.
- PLACE EXPANSION JOINTS AT CURB RETURNS ADJACENT TO STRUCTURES AND AT NO GREATER THAN 45' INTERVALS.
- PLACE WEAKENED PLANE JOINTS AT DRIVEWAYS AND AT 15' INTERVALS FROM POINT OF CURB RETURN.
- ALL HISTORICAL STAMPS / IMPRESSIONS SHALL BE PRESERVED.

LEGEND ON PLANS

ACCEPT: *[Signature]*

TYPE	W	*AREA
G	24"	1.34 SQ. FT.
H	33"	1.61 SQ. FT.

* WITH 6" CURB FACE

REVISION	BY	APPROVED	DATE
ORIGINAL	HA	HA	03/11

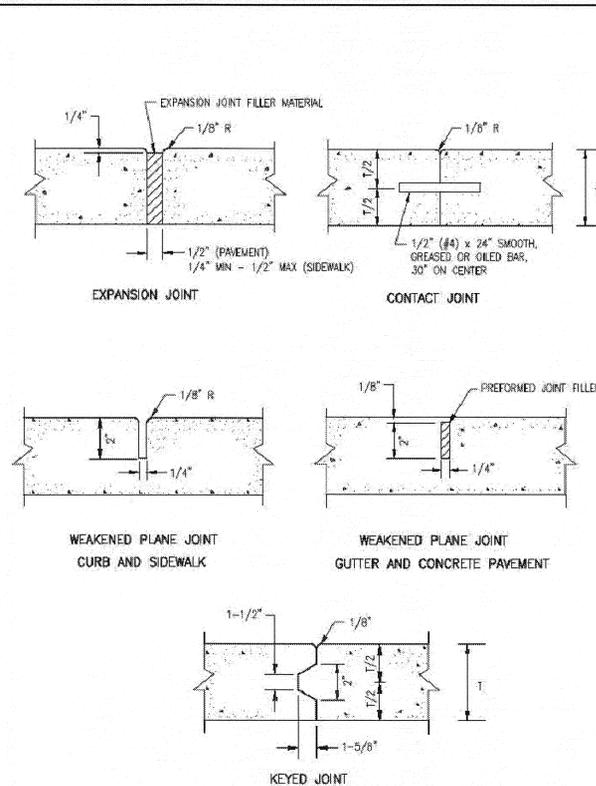
CITY OF SAN DIEGO - STANDARD DRAWING

CURB AND GUTTER - COMBINED

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

DATE: 10/20/12

DRAWING NUMBER: **SDG-151**



Revision	By	Approved	Date
ORIGINAL	PARKINSON		02/95
ADD METRIC	T. Stanton		03/03
RECOMMENDED	T. Stanton		04/06
UPDATED	MR/CV		11/11

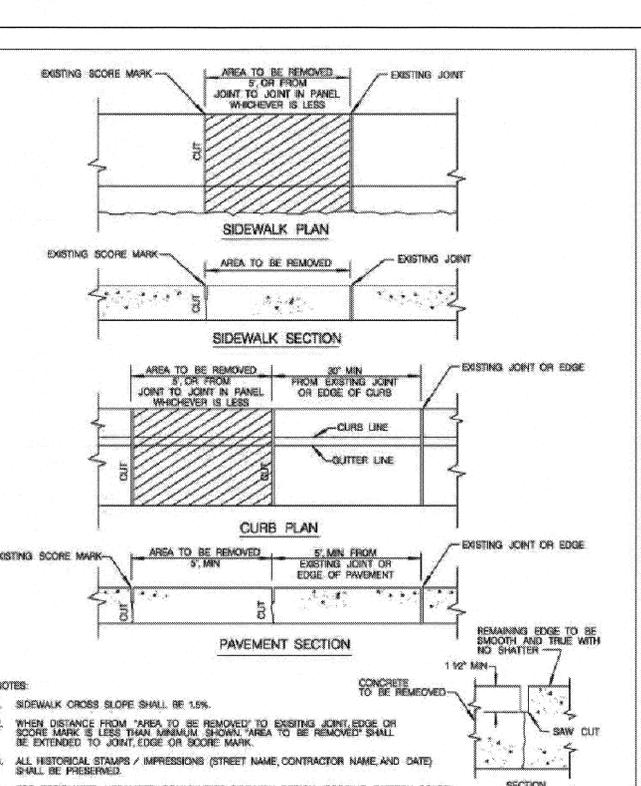
SAN DIEGO REGIONAL STANDARD DRAWING

CONCRETE JOINT DETAILS

RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE

DATE: 7/26/2016

DRAWING NUMBER: **G-10**



NOTES:

- SIDEWALK CROSS SLOPE SHALL BE 1.5%.
- WHEN DISTANCE FROM "AREA TO BE REMOVED" TO EXISTING JOINT EDGE OR SCORE MARK IS LESS THAN MINIMUM, SHOWN "AREA TO BE REMOVED" SHALL BE EXTENDED TO JOINT, EDGE OR SCORE MARK.
- ALL HISTORICAL STAMPS / IMPRESSIONS (STREET NAME, CONTRACTOR NAME, AND DATE) SHALL BE PRESERVED.
- FOR DESIGNATED URBANIZED COMMUNITIES, SIDEWALK DESIGN (SCORING PATTERN, COLOR, TEXTURE) SHALL BE IN CONFORMANCE WITH HISTORIC DESIGN ON ADJACENT PROPERTIES.

LEGEND ON PLANS

ACCEPT: *[Signature]*

REVISION	BY	APPROVED	DATE
ORIGINAL	HA	HA	03/11

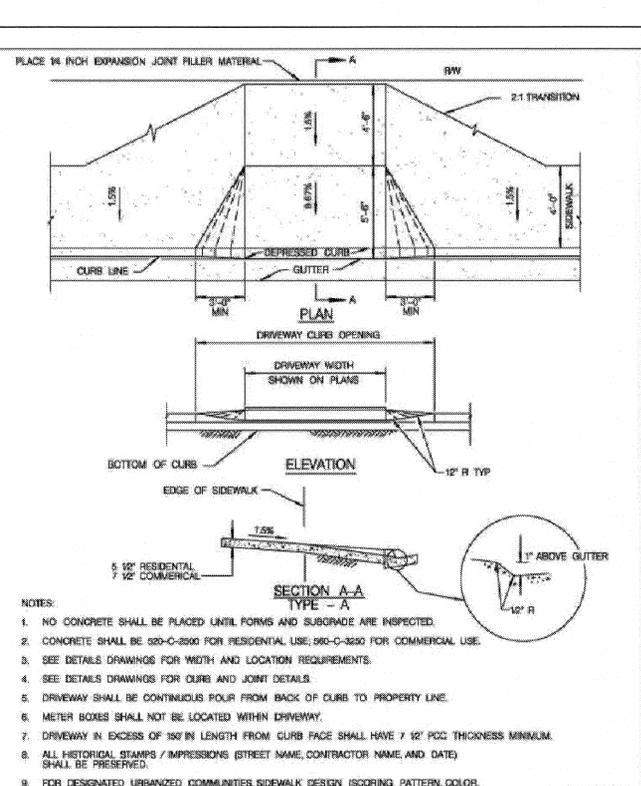
CITY OF SAN DIEGO - STANDARD DRAWING

CONCRETE CURB, GUTTER, SIDEWALK AND PAVEMENT REMOVAL AND REPLACEMENT

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

DATE: 10/20/12

DRAWING NUMBER: **SDG-156**



NOTES:

- NO CONCRETE SHALL BE PLACED UNTIL FORMS AND SUBGRADE ARE INSPECTED.
- CONCRETE SHALL BE 900-C-2800 FOR RESIDENTIAL USE; 900-C-3250 FOR COMMERCIAL USE.
- SEE DETAILS DRAWINGS FOR WIDTH AND LOCATION REQUIREMENTS.
- SEE DETAILS DRAWINGS FOR CURB AND JOINT DETAILS.
- DRIVEWAY SHALL BE CONTINUOUS FOUR FEET FROM BACK OF CURB TO PROPERTY LINE.
- METER BOXES SHALL NOT BE LOCATED WITHIN DRIVEWAY.
- DRIVEWAY IN EXCESS OF 150' IN LENGTH FROM CURB FACE SHALL HAVE 7 1/2" PCG THICKNESS MINIMUM.
- ALL HISTORICAL STAMPS / IMPRESSIONS (STREET NAME, CONTRACTOR NAME, AND DATE) SHALL BE PRESERVED.
- FOR DESIGNATED URBANIZED COMMUNITIES, SIDEWALK DESIGN (SCORING PATTERN, COLOR, TEXTURE) SHALL BE IN CONFORMANCE WITH HISTORIC DESIGN ON ADJACENT PROPERTIES.

LEGEND ON PLANS

ACCEPT: *[Signature]*

REVISION	BY	APPROVED	DATE
ORIGINAL	HA	HA	03/11

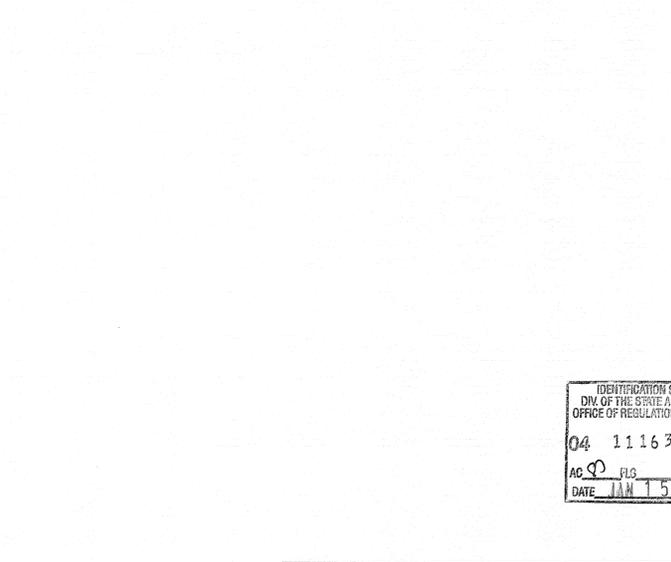
CITY OF SAN DIEGO - STANDARD DRAWING

CONCRETE DRIVEWAY (CONTIGUOUS SIDEWALK)

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

DATE: 10/20/12

DRAWING NUMBER: **SDG-159**



CONSTRUCTION DETAILS FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY SPEC. # 4976

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 21 OF 25 SHEETS

FOR CITY ENGINEER: *[Signature]* DATE: 1/28/14

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	HA			

AS BUILT: 226-1713 LAMBERT COORDINATES

CONTRACTOR: **HOWARD ASSOCIATES** DATE STARTED: DATE COMPLETED

INSPECTOR: **KEVIN OLIVER** SECTION HEAD: **MARK CALLERAN** PROJECT MANAGER: **PUBLIC WORKS DEPT.** CONSTRUCTION DEPARTMENT

CONTRACTOR NUMBER: **226-1713** LAMBERT COORDINATES: **35375-21-D**

PROJ. #07026 DATE: 01-14-2014

REQUIREMENT 1
NO PORTION OF ANY CURB OPENING SHALL BE PERMITTED WITHIN 6' OF THE INTERSECTION OF THE PROLONGED PROPERTY LINES AND THE CURB SHOWN BY ARC A.

REQUIREMENT 2
NO PORTION OF ANY CURB OPENING SHALL BE PERMITTED IN THE CURB RETURN WHERE THE RADIUS OF CURB IS 25' OR LESS, AS SHOWN BY ARC B.

REQUIREMENT 3
ON ALL CURB RETURNS WHERE THE RADIUS IS MORE THAN 25', CURB OPENINGS MAY ENCRUCH UPON EACH END OF THE RETURN A DISTANCE EQUAL TO 12.5% (OR 1/8) OF THE TOTAL LENGTH OF THE ARC ON THE CURB RETURN, THUS LEAVING AT LEAST 75% (OR 3/4) OF THE LENGTH OF ARC ON THE RETURN FACE FREE FROM DRIVEWAY ENCRUCHMENT, PROVIDED REQUIREMENT 1 IS MET.

REQUIREMENT 4
NO PORTION OF ANY CURB OPENING SHALL BE PERMITTED IN THE CURB RETURN WHERE A SEPARATE TURNING MOVEMENT IS PROVIDED, AS SHOWN BY ARC C.

DRIVEWAY LOCATION - ADJACENT TO CURB RETURNS AND STREET LINES

REVISION	BY	APPROVED	DATE
ORIGINAL	KERCHOVAL		12/75
ADD METRIC	T. STANTON		03/03
REVIEWED	T. STANTON		04/06
UPDATED	MR. MR/VCY		02/12

CITY OF SAN DIEGO - STANDARD DRAWING
DRAWING NUMBER **G-15**

RESIDENTIAL DRIVEWAY WIDTH—(12' MIN, 25' MAX)

RESIDENTIAL: 20' MIN BETWEEN CURB OPENINGS SERVING SAME PARCEL. COMMERCIAL: 4' MIN TO 10' MAX BETWEEN CURB OPENINGS SERVING SAME PARCEL IF OVER 10', MINIMUM OF 28' REQUIRED.

COMMERCIAL DRIVEWAY WIDTH—(12' MIN, 30' MAX)

NOTES:

- CURB OPENINGS, EXCEPT FOR JOINT-USE DRIVEWAYS AND DRIVEWAYS ON LOTS HAVING 21' - FRONTAGE OR LESS, SHALL BE LOCATED AT LEAST 3' FROM THE SIDE PROPERTY LINE EXTENDED.
- NOT MORE THAN 40% OF THE PROPERTY FRONTAGE ON RESIDENTIAL LOTS, NOR 60% OF THE PROPERTY FRONTAGE ON COMMERCIAL LOTS MAY BE ALLOCATED FOR DRIVEWAY CURB OPENINGS EXCEPT THAT LOTS HAVING FRONTAGE OF LESS THAN 45' ARE ENTITLED TO ONE 12' DRIVEWAY. (18' CURB OPENING).
- ALL DRIVEWAYS AND CURB OPENINGS SHALL BE A MINIMUM OF 3' FROM ANY OBSTRUCTION, I.E., POLES, HYDRANTS, ETC.
- NO PORTION OF ANY DRIVEWAY SHALL BE ALLOWED ACROSS A LINE EXTENDING NORMAL TO THE ROADWAY FROM THE FRONT OF THE PROPERTY CORNER OF THE PROPERTY, EXCEPT THAT JOINT-USE DRIVEWAYS MAY BE PERMITTED IN SPECIAL INSTANCES WHERE WRITTEN APPROVAL OF BOTH PROPERTY OWNERS IS FILED WITH THE CITY.

DRIVEWAY LOCATION AND WIDTH REQUIREMENTS

REVISION	BY	APPROVED	DATE
ORIGINAL	KA J. NAGELVOORT		09/12

CITY OF SAN DIEGO - STANDARD DRAWING
DRAWING NUMBER **SDG-164**

SECTION

PLAN

NOTES:

- Concrete shall be 332 kg/m³ C 22 Mpa (560-C-3250).
- See Standard Drawing G-10 for joint details.
- Adjust 4.57m (15') interval between Transverse Joints to match adjacent existing improvements.

CONCRETE PAVEMENT WIDTH 12.2m (40') TO 19m (62')

REVISION	BY	APPROVED	DATE
ORIGINAL	KERCHOVAL		12/75
ADD METRIC	T. STANTON		03/03
REVIEWED	T. STANTON		04/06

CITY OF SAN DIEGO - STANDARD DRAWING
DRAWING NUMBER **G-19**

DETAIL 1

PLAN - TILE

DETAIL 1

COMPOSITE SECTION A1-A1

DETECTABLE / TACTILE WARNING TILES

NOTES:

- THE DETECTABLE / TACTILE WARNING TILE SHALL BE SLIP RESISTANT AND CONSIST OF AN INLINE PATTERN OF RAISED TRUNCATED DOMES.
- COLOR: THE DETECTABLE / TACTILE WARNING TILE SHALL BE YELLOW CONFORMING TO FEDERAL STANDARDS 698B TABLE IV, COLOR NO. 3383B.

NOTE: PROVIDE 5 YEAR WARRANTY PER DSA BULLETIN 10/31/02, REVISED 4/9/08.

REVISION	BY	APPROVED	DATE
ORIGINAL	KA J. NAGELVOORT		09/12

CITY OF SAN DIEGO - STANDARD DRAWING
DRAWING NUMBER **SDG-130**

TYPE A
ALL AREAS EXCEPT UNDER FENCES

TYPE B
UNDER FENCES

WEAKENED PLANE JOINT
MAX 20' OC

EXPANSION JOINT
MAX 120' OC

NOTES:

- REBAR SHALL BE CONTINUOUS WITH 12" OVERLAP WHERE SPLICED.
- CONCRETE SHALL BE CLASS 350-C-2500 AND SAME COLOR AS ADJACENT CONCRETE AND HAVE A SMOOTH TROWEL FINISH.
- INSTALL WEAKENED PLANE JOINTS AT EACH FENCE POST.
- INSTALL EXPANSION JOINTS WHERE THE MOWING STRIP ABUTS CONCRETE IMPROVEMENT AND AT LOCATION APPROVED BY ENGINEER.

CONCRETE MOWING STRIP

REVISION	BY	APPROVED	DATE
ORIGINAL	KA J. NAGELVOORT		09/12

CITY OF SAN DIEGO - STANDARD DRAWING
DRAWING NUMBER **SDL-103**

NOTES:

- ALL FOOTINGS SHALL BE 620-C-2600 CONCRETE.
- THE FOLLOWING ITEMS SHALL BE FURNISHED AND INSTALLED ONLY WHEN SHOWN ON THE PLANS OR CALLED FOR IN THE SPECIAL PROVISIONS:
A. BARBED WIRE
B. EXTENSION ARM
- CHAIN LINK FENCE SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION UNLESS SPECIFICALLY NOTED ON THIS DRAWING.
- CHAIN LINK FENCE AND ALL FITTINGS SHALL BE BLACK 22 MIL PRESSURE - BONDED OR 7 MIL THERMALLY - FUSED VINYL COATED OVER 9 GAUGE ALUMINIZED STEEL CORE FABRIC PRIOR TO COATING. POSTS AND RAILS SHALL BE GALVANIZED STEEL. PVC VINYL BONDED, 10 - 14 MIL. COLOR SHALL MATCH FABRIC.
- CHAIN LINK FABRIC SHALL HAVE KNUCKLED FINISH ON TOP EDGE.

CHAIN LINK FENCE DETAILS

REVISION	BY	APPROVED	DATE
ORIGINAL	J.P. CASEY		06/92
UPDATE	KA J. NAGELVOORT		09/12

CITY OF SAN DIEGO - STANDARD DRAWING
DRAWING NUMBER **SDM-112**

LINE POST BRACING

GATE ASSEMBLY

CHAIN LINK FENCE DETAILS

REVISION	BY	APPROVED	DATE
ORIGINAL	B. GERSCHER		05/12

CITY OF SAN DIEGO - STANDARD DRAWING
DRAWING NUMBER **M-20**

CONSTRUCTION DETAILS FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 22 OF 25 SHEETS

WBS NO. S-00973

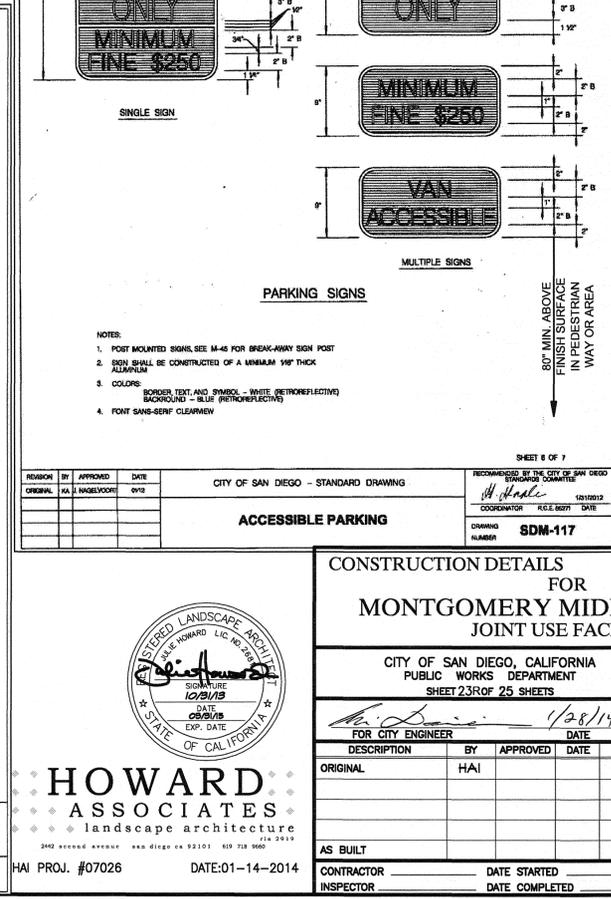
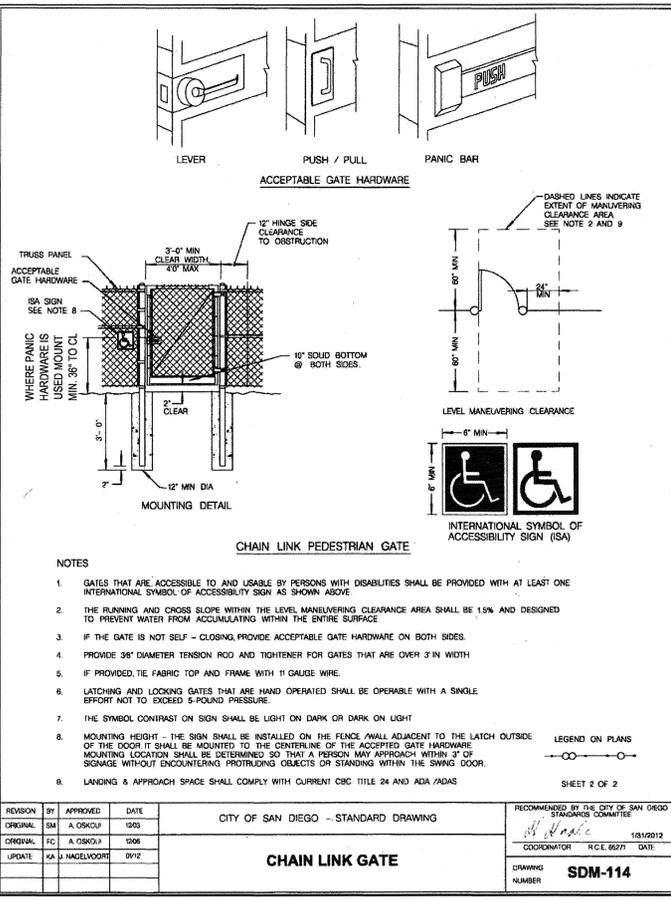
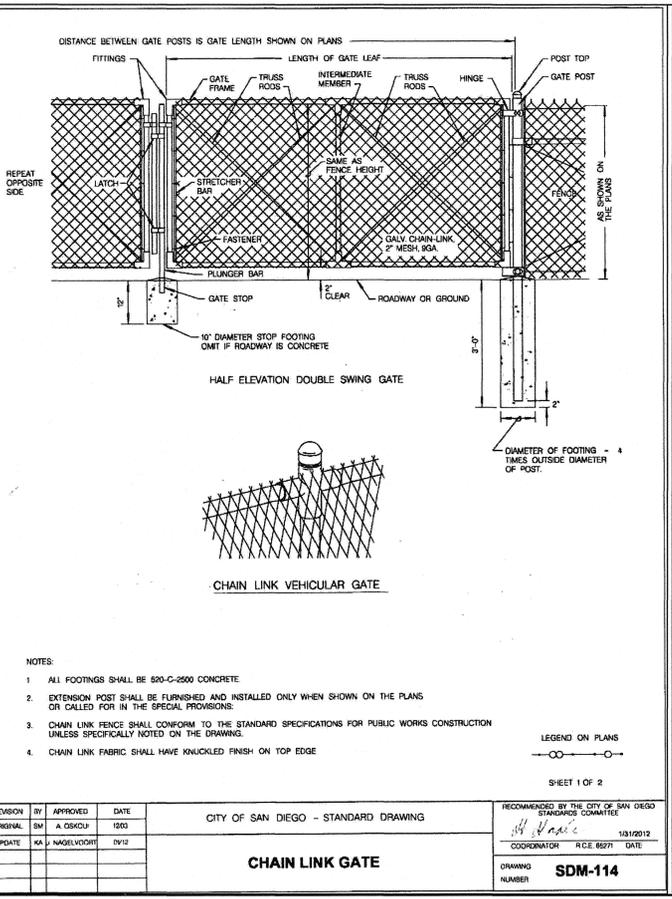
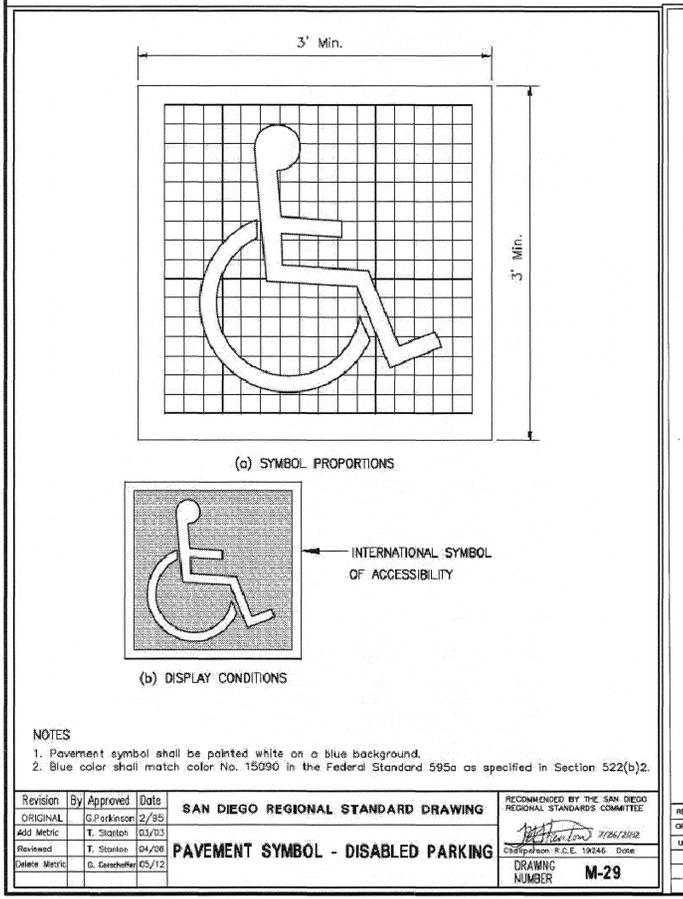
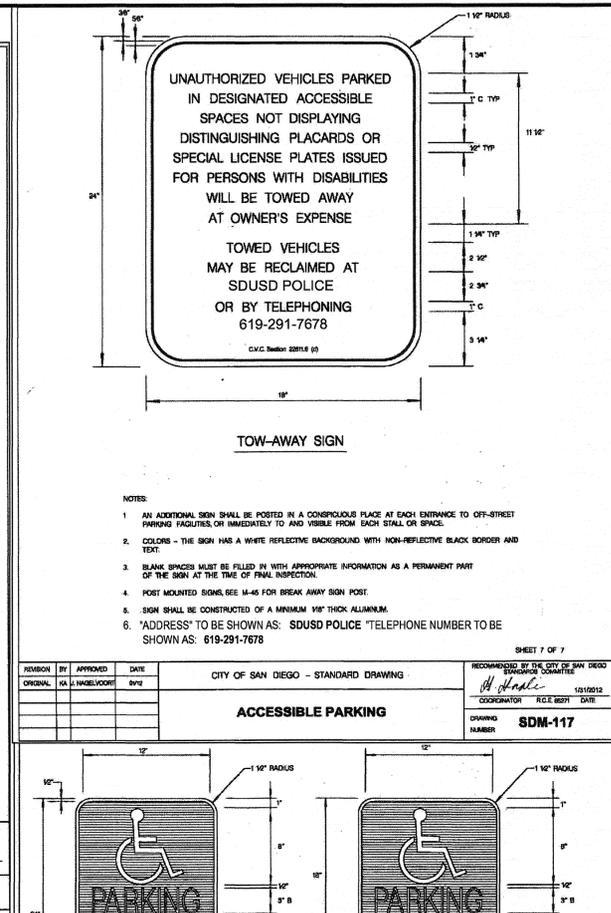
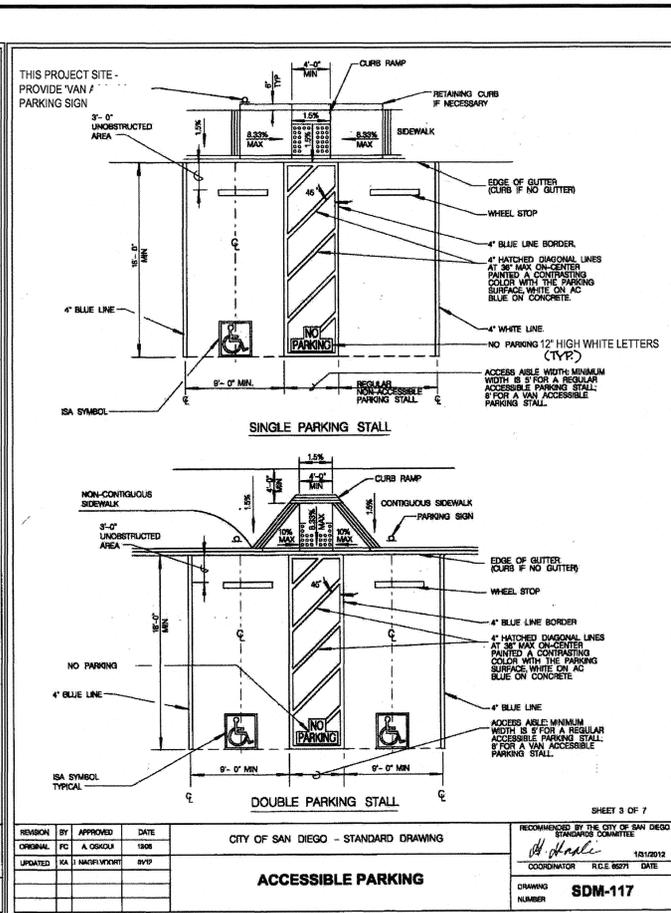
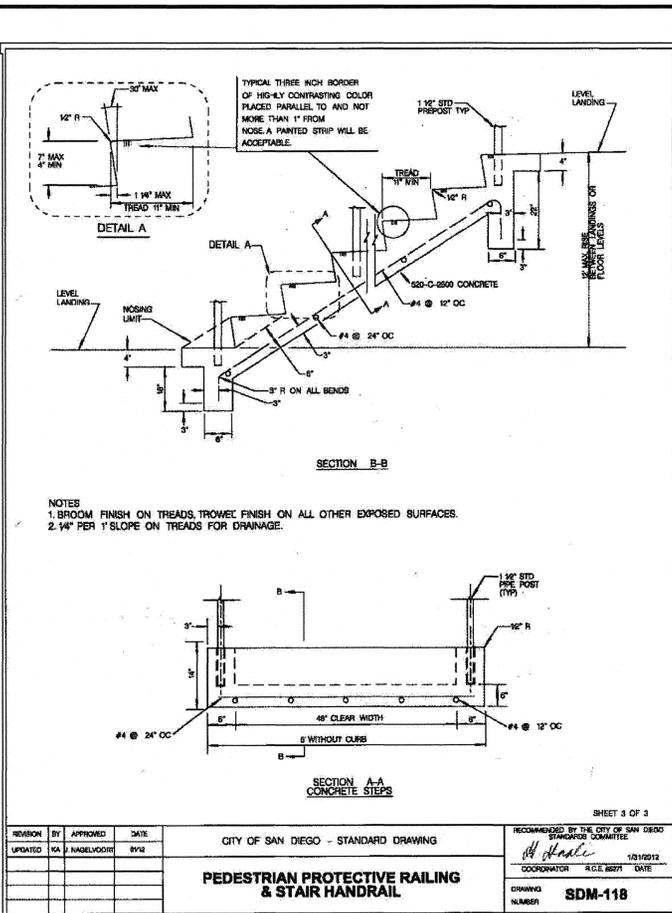
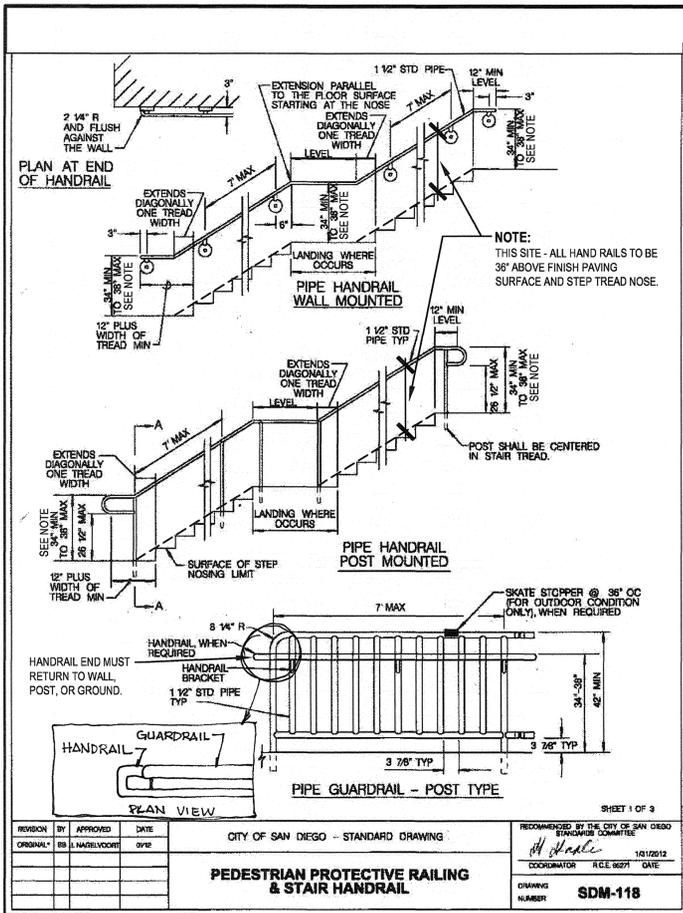
FOR CITY ENGINEER: *[Signature]* DATE: 1/28/14

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	HAI			

FOR SECTION HEAD: KEVIN OLIVER
PROJECT MANAGER: MARK CALLERAN
PUBLIC WORKS DEPT. CONSTRUCTION DEPARTMENT
226-1713
LAMBERT COORDINATES: 35375-22-D

CONTRACTOR: _____ DATE STARTED: _____
INSPECTOR: _____ DATE COMPLETED: _____

HOWARD ASSOCIATES
landscape architecture
2402 second avenue • san diego ca 92101 • 619 734 9600
HAI PROJ. #07026 DATE: 01-14-2014



HOWARD ASSOCIATES
 landscape architecture
 2402 AVENUE 44 SAN DIEGO CA 92104 619 733 9561
 HAI PROJ. #07026 DATE: 01-14-2014

CONSTRUCTION DETAILS FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY SPEC. # 4976

CITY OF SAN DIEGO, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 SHEET 23 OF 25 SHEETS

FOR CITY ENGINEER
 SIGNATURE: [Signature] DATE: 1/28/14
 DATE: 10/12/2012
 COORDINATOR R.C.E. 06/27 DATE 10/12/2012
 DRAWING NUMBER **SDM-117**

WBS NO. S-00973
 KEVIN OLIVER SECTION HEAD
 MARK CALLERAN PROJECT MANAGER
 PUBLIC WORKS DEPT.
 226-1713 LANDMARK COORDINATES
 AS BUILT CONTRACTOR DATE STARTED INSPECTOR DATE COMPLETED
 35375-23-D

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 04 111634
 AC PLG 63 G
 DATE JAN 15 2014

STRAIGHT RUN RAMP

U SHAPED RAMP

L SHAPED RAMP

MAX SLOPE	MAXIMUM LENGTH OF EACH RAMP SEGMENT (L)	MAXIMUM RISE BETWEEN LANDINGS
1:10 (6.67%)	37.5'	30"
1:10 (6.25%)	40'	30"
1:11 (5.88%)	42.5'	30"
1:10 (5.56%)	45'	30"
1:10 (5.26%)	47.5'	30"
1:20 (5%)	50'	30"

LENGTH OF EACH SEGMENT OF RAMP RUN

NOTES:
1. WIDTH OF BOTTOM LANDING (W) TO EXIT SHALL BE AS WIDE AS THE RAMP IF NO CHANGE OF DIRECTION, 80" WIDE MINIMUM IF CHANGE OF DIRECTION OF 90 DEGREES OR MORE.
2. NO WATER PONDING ALLOWED ON LANDINGS.

SHEET 1 OF 3

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO - STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO ENGINEERING COMMITTEE
ORIGINAL	SM	A. OSKOLU	10/03		
UPDATE	FC	A. OSKOLU	10/06		
UPDATE	KA	J. NAGELVOORT	09/12		

PEDESTRIAN RAMP AND PROTECTIVE RAILING

COORDINATOR: R.C.E. BEYER DATE: 10/10/12

DRAWING NUMBER: **SDM-115**

SECTION B-B

SIDE APPROACH LANDING

DETAIL 1

SECTION A-A

NOTE: THIS SITE - ALL HAND RAILS TO BE 36" ABOVE FINISH PAVING SURFACE AND STEP TREAD NOSE.

SHEET 2 OF 3

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO - STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO ENGINEERING COMMITTEE
ORIGINAL	SM	A. OSKOLU	10/03		
UPDATE	FC	A. OSKOLU	10/06		
UPDATE	KA	J. NAGELVOORT	09/12		

PEDESTRIAN RAMP AND PROTECTIVE RAILING

COORDINATOR: R.C.E. BEYER DATE: 10/10/12

DRAWING NUMBER: **SDM-115**

RAMP

- ANY WALKING SURFACE THAT IS PART OF AN ACCESSIBLE ROUTE WITH THE SLOPE GREATER THAN 5% SHALL BE CONSIDERED A PEDESTRIAN RAMP AND MUST COMPLY WITH THE PEDESTRIAN RAMP STANDARDS.
- THE LEAST POSSIBLE SLOPE SHALL BE USED WITHOUT EXCEEDING 6.67%, PER CITY OF SAN DIEGO ACCESS MEMO.
- CROSS SLOPE SHALL NOT EXCEED 1.5%.
- LANDINGS SHALL HAVE 1.5% SLOPE IN BOTH DIRECTIONS.
- WALKING SURFACE MUST BE STABLE, FIRM AND SLIP RESISTANT CONCRETE SHALL HAVE A MEDIUM BROOM TRANSVERSE FINISH.

HANDRAIL

- HANDRAILS ARE REQUIRED ON BOTH SIDES OF A PEDESTRIAN RAMP.
- EXCEPTIONS:
 - RAMP AT EXTERIOR DOOR LANDINGS THAT RISE LESS THAN 6" OR HAVE LESS THAN 72" LENGTH HOWEVER LEVEL LANDINGS SHALL BE PROVIDED AT THE TOP AND BOTTOM.
 - RAMP IMMEDIATELY ADJACENT TO A SEATING IN ASSEMBLY AREAS.
- HANDRAILS SHALL BE CONTINUOUS FOR THE FULL LENGTH OF THE RAMP RUN PLUS THE EXTENSION.
- INSIDE HANDRAILS AT "U" SHAPED AND "L" SHAPED RAMPS SHALL BE CONTINUOUS.
- HANDRAILS SHALL EXTEND 12" MINIMUM BEYOND THE TOP, INTERMEDIATE AND BOTTOM OF EACH RAMP SEGMENT IN THE DIRECTION OF THE RAMP RUN THE HANDRAIL EXTENSION SHALL BE PARALLEL TO THE LANDING SURFACE.
- HANDRAIL EXTENSION SHALL NOT EXTEND INTO THE REQUIRED WIDTH OF AN ADJACENT ROUTE OF TRAVEL IN EXISTING FACILITIES WHERE THE ENCROACHMENT OF THE EXTENSION IN THE DIRECTION OF THE RAMP CREATES A HAZARD. THE EXTENSION SHALL BE BENT 90 DEGREES TO THE RUN OF THE RAMP.
- END OF HANDRAIL EXTENSION SHALL BE TURNED TO THE WALL FLOOR OR POST.
- END OF HANDRAIL EXTENSION SHALL BE TURNED TO THE FLOOR WHEN EXTENSION IS PROTRUDING PERPENDICULAR INTO PATH OF TRAVEL.
- TOP GRIPPING SURFACE OF THE HANDRAIL SHALL BE UNIFORM IN HEIGHT, THE GRIPPING SURFACE SHALL BE CONTINUOUS AND SMOOTH (NO SHARP CORNERS).
- THE GRIPPING PORTION SHALL BE 1-1/4" TO 1-1/2" IN CROSS SECTIONAL NOMINAL DIMENSION OR SHAPED WITH EQUIVALENT GRIPPING SURFACE DESIGN AND SHOP DRAWINGS SHALL BE APPROVED BY THE CITY ENGINEER ACCESS COMPLIANCE OFFICER PRIOR TO FABRICATION.
- ADJACENT WALL OR OTHER SURFACES SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENT (SMOOTH FINISH).
- A GUARDRAIL 42" ABOVE FINISHED FLOOR SHALL BE INSTALLED ALONG OPEN EDGES OF THE RAMP AND LANDINGS THAT ARE 30" OR MORE IN HEIGHT FROM THE ADJACENT GROUND SURFACE AND THE RAMP IS NOT BOUNDED BY A WALL OR FENCE. SEE SDM-118.
- PROVIDE A CONTINUOUS GUIDE CURB OR GUIDE RAIL IF POSTS ARE INSTALLED ON THE RAMP SURFACE OR IF THE FINISH SURFACE IS ≥ 4" HIGHER THAN THE ADJACENT GROUND SURFACE.
- FOR HANDRAIL AND GUARDRAIL MATERIAL FINISHES AND ADDITIONAL DETAILS, SEE RELATED DETAIL DRAWINGS.

SHEET 3 OF 3

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO - STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO ENGINEERING COMMITTEE
ORIGINAL	SM	A. OSKOLU	10/03		
UPDATE	FC	A. OSKOLU	10/06		
UPDATE	KA	J. NAGELVOORT	09/12		

PEDESTRIAN RAMP AND PROTECTIVE RAILING

COORDINATOR: R.C.E. BEYER DATE: 10/10/12

DRAWING NUMBER: **SDM-115**

PLAN

ELEVATION

NOTES:
1. FITTINGS SHALL BE PVC SCH 40.
2. NIPPLES AND RISERS SHALL BE PVC SCH 80.
3. TEFLON TAPE SHALL BE USED ON THREADED CONNECTIONS.
4. CLOSE NIPPLES SHALL NOT BE USED.
5. ANTI-DRAIN VALVES SHALL BE INSTALLED UNDER OR IN ALL HEADS.
6. LATERAL DEPTH SHALL BE 18" WHEN 12" POP-UP BODIES ARE USED.

LEGEND ON PLANS

SHOW A NUMBER TO INDICATE TYPE HEAD

SHEET 1 OF 1

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO - STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO ENGINEERING COMMITTEE
ORIGINAL	SM	J. NAGELVOORT	09/12		

ROTOR, SPRAY, OR BUBBLER POP-UP HEAD

COORDINATOR: R.C.E. BEYER DATE: 10/10/12

DRAWING NUMBER: **SDI-103**

PLAN

ELEVATION

NOTES:
1. QUICK COUPLING VALVES SHALL BE SET FLUSH IN LAWN AND PER MULCH DEPTH ABOVE FINISH GRADE IN SHRUB /GROUNDCOVER AREAS.
2. CLOSE NIPPLES SHALL NOT BE USED.
3. NIPPLES, COUPLINGS, AND ELBOWS SIZE SHALL BE 1" RED BRASS.
4. TEFLON TAPE SHALL BE USED ON THREADED CONNECTIONS.
5. UPON PROJECT ACCEPTANCE THE CONTRACTOR SHALL PROVIDE TWO SETS OF APPROPRIATE QUICK COUPLER VALVE KEY WITH 1" BRASS BALL VALVE AND SWIVEL ADAPTER INCLUDED IN THE ASSEMBLY.

LEGEND ON PLANS

CCV

SHEET 1 OF 1

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO - STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO ENGINEERING COMMITTEE
ORIGINAL	SM	J. NAGELVOORT	09/12		

QUICK COUPLING VALVE

COORDINATOR: R.C.E. BEYER DATE: 10/10/12

DRAWING NUMBER: **SDI-105**

ELEVATION

NOTES:
1. GLOBE VALVES SHALL BE FURNISHED WITH A STANDARD BRONZE CROSS-HANDLE, CENTERED IN PIPE SLEEVE.
2. VALVES SHALL BE INSTALLED WITHIN 12" OF HARDSCAPE.
3. GLOBE VALVES SHALL BE FURNISHED WITH A REMOVABLE BONNET AND PACKING GLAND NUT.
4. CLOSE NIPPLES SHALL NOT BE USED.
5. LOCKING CAP SHALL BE MOUNTED FLUSH WITH FINISHED GRADE IN TURF AREAS AND ABOVE FINISHED GRADE IN SHRUB AREAS, PER DEPTH OF MULCH.
6. PROVIDE APPROPRIATE LOCKING CAP KEY AND VALVE KEY TO OPERATE VALVE AT DEPTH.
7. LOCATE OUTSIDE OF TURF WHEN POSSIBLE.
8. TEFLON TAPE SHALL BE USED ON ALL THREADED CONNECTIONS.
9. WHEN INSTALLED AS MAINLINE ISOLATION VALVE, NIPPLES AND FITTINGS MAY BE SCH 80 PVC.

LEGEND

GV

SHEET 1 OF 1

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO - STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO ENGINEERING COMMITTEE
ORIGINAL	SM	J. NAGELVOORT	09/12		

ISOLATION GLOBE VALVE 2" AND SMALLER

COORDINATOR: R.C.E. BEYER DATE: 10/10/12

DRAWING NUMBER: **SDI-106**

MAINLINE TRENCH

MULTIPLE PIPE INSTALLATION DETAIL

NOTES:
1. BACKFILL MATERIAL SHALL BE COMPACTED TO A RELATIVE COMPACTION OF 80% MINIMUM.
2. PIPE SHALL LAY FREE IN THE TRENCH WITH NO INDUCED STRAIN AND WITH SUFFICIENT ALLOWANCE FOR EXPANSION AND CONTRACTION.
3. PVC PIPE UNDER PAVEMENT SHALL BE INSTALLED IN A SCH 40 PVC SLEEVE TWICE THE DIAMETER OF THE PIPE (2" MINIMUM SIZE) AND EXTEND 12" MINIMUM BEYOND THE EDGE OF PAVEMENT.
4. THE LETTER "M" SHALL BE STAMPED OR CHEELED ON THE IMPROVEMENT (CURB/SIDEWALK) DIRECTLY ABOVE THE PRESSURE PIPELINE SLEEVES.
5. NO PVC PRESSURE PIPELINE SHALL BE INSTALLED WITHIN 3' OF ANY UTILITY, UNLESS OTHERWISE SPECIFIED.

SHEET 1 OF 1

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO - STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO ENGINEERING COMMITTEE
ORIGINAL	SM	J. NAGELVOORT	09/12		

IRRIGATION TRENCH PVC OR COPPER PIPE

COORDINATOR: R.C.E. BEYER DATE: 10/10/12

DRAWING NUMBER: **SDI-110**

IRRIGATION DETAILS FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY

SPEC. # 4976

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 24 OF 25 SHEETS

WBS NO. S-00973

FOR CITY ENGINEER: *[Signature]* DATE: 1/28/14

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	HA1			

SECTION HEAD: KEVIN OLIVER
PROJECT MANAGER: MARK CALLERAN
PUBLIC WORKS DEPT. CONSTRUCTION DEPARTMENT
226-1713
LAMBERT COORDINATOR

AS BUILT CONTRACTOR: DATE STARTED: DATE COMPLETED: 35375-24-D

HOWARD ASSOCIATES landscape architecture
7400 LAUREL STREET SUITE 100 SAN DIEGO CA 92121 619 716 9600
HA1 PROJ. #07026 DATE: 01-14-2014

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 111634
AC 00 PLS 08 G
DATE JAN 13 2014

MASTER VALVE

UNMORTARED STANDARD BRICKS (4) FOUNDATION ON COMPACTED SUBGRADE (USE 6 BRICKS FOR OVERSIZED BOXES)

CONCRETE VALVE BOX WITH LOCKING TOP AS APPROVED BY THE ENGINEER

MASTER VALVE CENTERED IN BOX

UNMORTARED STANDARD BRICKS (4) FOUNDATION ON COMPACTED SUBGRADE (USE 6 BRICKS FOR OVERSIZED BOXES)

CONCRETE RECTANGULAR VALVE BOX WITH CAST IRON, SELF-LOCKING LID, PAINT "MV" AND CONTROLLER ID LETTER ON LID.

CONTROL WIRES 24" LEAD LENGTH (COILED WITH ID TAG)

FINISHED GRADE

MULCH DEPTH PER PLAN

1" MIN BETWEEN TOP OF PIPE AND VALVE BOX KNOCK OUTS (BOTH SIDES)

TO FLOW SENSOR

SCH 80 LENGTH 10 X PIPE DIAMETER MIN FROM ADAPTER TO FLOW SENSOR

FLOWSENSOR WIRE WITH 2" EXPANSION LOOP

CONDUIT/SWEEP FOR FLOW SENSOR WIRE

CONDUIT/SWEEP FOR FLOW SENSOR AND MASTER VALVE WIRES

36" PEA GRAVEL 4" MIN DEPTH

ELBOW WITH CONCRETE THRUST BLOCK 9" X 9" X 9"

RED BRASS COUPLING (TYP)

SCH 80 PVC MALE ADAPTER

FINISHED GRADE

3" MIN

2" MIN

COMPACT SOIL AROUND VALVE BOX

MAIN FROM WATER SOURCE

LEGEND ON PLANS

NOTES:

1. SPlicing SHALL BE MADE IN VALVE BOXES AND PULL BOXES ONLY. SEE STANDARD DRAWING 30-115 FOR SPlicing SOLDERING NOTES.
2. SPlicing SHALL BE SOLDERED WITH A PROPERLY SET MECHANICAL SPlicing CONNECTOR, ENTIRELY ENCLOSED IN SELF-CURING RESIN AND SHALL BE COMPLETELY WATER-PROOF.
3. SEAL CONDUIT OPENINGS WITH ELECTRICAL CONDUIT SEALANT AS APPROVED BY THE ENGINEER.
4. PVC CONDUIT SHALL BE 1" MINIMUM.
5. VALVE /CONTROLLER IDENTIFICATION SHALL BE LABELED OUTSIDE ON THE VALVE BOX LID AND TAGGED INSIDE THE BOX ON THE VALVE.
6. KNOCK OUTS SHALL NOT BE ENLARGED.
7. INSTALL ONLY ONE VALVE PER BOX.
8. VALVE BOXES SHALL BE SET PERPENDICULAR TO HARDSCAPE ABOVE FINISHED GRADE IN SHRUB / GROUNDCOVER AREAS PER MULCH DEPTH IF NECESSARY TO BE SET IN TURF. VALVE BOXES SHALL BE SET FLUSH WITH FINISHED GRADE.
9. CLOSE NIPPLES SHALL NOT BE USED.
10. NIPPLES, ELBOWS, AND FITTINGS SHALL BE THREADED RED BRASS FROM COUPLING THROUGH THE MASTER VALVE PIPE AND FITTINGS DOWNSTREAM SHALL BE SCH 80 PVC.
11. TEFLON TAPE SHALL BE USED ON THREADED CONNECTIONS.

REVISION BY APPROVED DATE CITY OF SAN DIEGO - STANDARD DRAWING

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

COORDINATOR R.G.E. 10/1/2012

DRAWING NUMBER SDI-111

REMOTE CONTROL VALVE

UNMORTARED STANDARD BRICKS (4) FOUNDATION ON COMPACTED SUBGRADE (USE 6 BRICKS FOR OVERSIZED BOXES)

CONCRETE VALVE BOX WITH LOCKING TOP AS APPROVED BY THE ENGINEER

VALVE CENTERED IN BOX

UNMORTARED STANDARD BRICKS (4) FOUNDATION ON COMPACTED SUBGRADE (USE 6 BRICKS FOR OVERSIZED BOXES)

CONCRETE RECTANGULAR VALVE BOX WITH HINGED CAST IRON, SELF-LOCKING LID, IMPRINTED WR"CY AND CONTROLLER ID LETTER ON LID.

CONTROL WIRES 24" LEAD LENGTH (COILED WITH VALVE ID TAG)

FINISHED GRADE

MULCH DEPTH PER PLAN

1" MIN CLEARANCE BETWEEN TOP OF PIPE AND VALVE BOX KNOCK OUTS (BOTH SIDES)

FINISHED GRADE (TURF)

12" MAX

3" MIN

2" MIN

COMPACT SOIL AROUND VALVE BOX

SIDEWALK OR MOW CURB

CONCRETE ANCHOR 9" X 9" X 9" (TYP)

NIPPLE ELBOW AND RISER FROM MANIFOLD TEE OR ELBOW AS SHOWN ABOVE ON 30-115 UNLESS OTHERWISE SPECIFIED.

36" PEA GRAVEL 4" MIN DEPTH

RED BRASS FROM ISOLATION VALVE

NIPPLES AND ELBOW SCH 80

LEGEND ON PLANS

NOTES:

1. SPlicing SHALL BE MADE IN VALVE BOXES AND PULL BOXES ONLY. SEE 30-115 FOR SPlicing SOLDERING NOTES.
2. SPlicing SHALL BE SOLDERED WITH A PROPERLY SET MECHANICAL SPlicing CONNECTOR, ENTIRELY ENCLOSED IN SELF-CURING RESIN AND SHALL BE COMPLETELY WATER-PROOF.
3. KNOCK OUTS SHALL NOT BE ENLARGED.
4. INSTALL ONLY ONE VALVE PER BOX.
5. VALVE BOXES SHALL BE SET PERPENDICULAR TO HARDSCAPE ABOVE FINISHED GRADE IN SHRUB / GROUNDCOVER AREAS, PER MULCH DEPTH IF NECESSARY TO BE SET IN TURF. VALVE BOXES SHALL BE SET FLUSH WITH FINISHED GRADE.
6. CLOSE NIPPLES SHALL NOT BE USED.
7. NIPPLES, ELBOWS, AND FITTINGS SHALL BE THREADED RED BRASS FROM ISOLATION VALVE THROUGH THE VALVE, UNLESS OTHERWISE SPECIFIED.
8. TEFLON TAPE SHALL BE USED ON THREADED CONNECTIONS.

REVISION BY APPROVED DATE CITY OF SAN DIEGO - STANDARD DRAWING

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

COORDINATOR R.G.E. 10/1/2012

DRAWING NUMBER SDI-114

ELECTRICAL PULL BOX FOR DIRECT BURIAL CONTROL WIRES AND SPlicing NOTES

UNMORTARED STANDARD BRICKS (4) FOUNDATION ON COMPACTED SUBGRADE (USE 6 BRICKS FOR OVERSIZED BOXES)

CONDUIT WIRE RUN

CONCRETE PULL BOX

PLAN VIEW

FINISHED GRADE

LOCKABLE HINGED CAST IRON TOP IMPRINTED "ELECTRIC"

4" MIN

12" MIN

12" MIN

2" MIN

3" MIN

2" MIN

BEDDING MATERIAL

CONTROL WIRE RUN

LEGEND ON PLANS

NOTES:

1. INSTALL PULL BOXES AS SHOWN ON PLANS AND AT EACH END OF CONDUITS. SWEEPS RUNNING UNDER VEHICULAR PAVEMENT.
2. PULL BOX COVER SHALL BE PERMANENTLY MARKED "ELECTRIC".
3. CONDUCTORS FOR EACH CONTROLLER CLOCK SHALL BE HARNESS SEPARATELY AND AT SUFFICIENT INTERVALS TO MAINTAIN A DEFINITE BUNDLE.
4. SPlicing SHALL ONLY BE MADE IN PULL BOXES WITH A PROPERLY SET MECHANICAL SPlicing CONNECTOR SOLDERED WITH METALLIC ALLOY, ENTIRELY ENCLOSED IN SELF-CURING RESIN AND SHALL BE COMPLETELY WATER-PROOF.
5. SPARE WIRE ENDS SHALL BE INSULATED IN THE SAME MANNER AS WIRE SPlicing.
6. MINIMUM SIZE PULL BOX SHALL BE AS SHOWN ABOVE. LARGER BOXES MAY BE NECESSARY TO MEET 4" CLEARANCE REQUIRED.
7. NO SPlicing SHALL BE PERMITTED ON WIRE RUNS OF LESS THAN 300'.
8. THE LETTER "E" SHALL BE STAMPED OR CHISELED ON THE IMPROVEMENT (CURB-SIDEWALK) DIRECTLY ABOVE THE CONTROL WIRE.

REVISION BY APPROVED DATE CITY OF SAN DIEGO - STANDARD DRAWING

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

COORDINATOR R.G.E. 10/1/2012

DRAWING NUMBER SDI-115

AUTOMATIC IRRIGATION CONTROLLER PEDESTAL MOUNTED

WEAKENED PLANE JOINT

PULL BOX

STAINLESS STEEL ENCLOSURE ENCLOSURE MOUNTING ANCHORS

PAD - 6" THICK FOR CONTROLLER ENCLOSURE. PAD TO SLOPE AWAY FROM CONTROLLER

PAD - 6" THICK FOR CONTROLLER ACCESS

PLAN VIEW (FOR CONCRETE PAD)

CONTROL AND STAINLESS STEEL ENCLOSURE ASSEMBLY.

CONTROL WIRE TERMINAL STRIP AS PRE-ASSEMBLED ON BACKBOARD LABELED WITH STATION /FUNCTION NUMBER

CONDUITS - PVC SCH 40 (1" FOR MASTER VALVE WIRE (1" FOR FLOW SENSING CABLE (2" SPARE SEAL AND WATERPROOF CONDUITS (BOTH ENDS) GROUNDING ROD PER MANUFACTURER'S SPECIFICATIONS. COMPACTED SUBGRADE AS REQUIRED.

PULL BOX INSTALLED WITHIN 3" OF CONTROLLER ENCLOSURE PER SD-115 AND LABEL W/CONTROLLER DESIGNATION.

CONCRETE ANCHORS PER ASSEMBLY TEMPLATE SHALL BE STAINLESS STEEL

PROVIDE SILICONE SEALANT AROUND BASE OF CONTROLLER ENCLOSURE.

FRONT VIEW

CONDUIT SWEEPS TO TRENCH DEPTH. REFER TO TRENCH DETAIL

LEGEND ON PLANS

NOTES:

1. ALL CONTROLLER ASSEMBLIES AND OPTIONS SHALL BE COMPLETELY PRE-ASSEMBLED IN A STAINLESS STEEL ENCLOSURE.
2. CONTROL WIRE CONDUIT SHALL BE TWICE THE DIAMETER OF THE WIRE BUNDLE, 2" MINIMUM.
3. PROVIDE SEPARATE CIRCUIT BREAKER FOR CONTROLLER(S) AT ELECTRICAL CONTROL PANEL AND LABEL.
4. SEAL CONDUIT OPENINGS WITH ELECTRICAL SEALANT, AS APPROVED BY THE ENGINEER.

REVISION BY APPROVED DATE CITY OF SAN DIEGO - STANDARD DRAWING

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

COORDINATOR R.G.E. 10/1/2012

DRAWING NUMBER SDI-117

CONTROL WIRE INSTALLATION

FINISHED GRADE

9" TO 12"

IMPORTED TOPSOIL OR AMENDED NATIVE SOIL, FREE OF ROCK AND DEBRIS

3" WIDE RED CONTINUOUS PLASTIC TAPE OVER ELECTRICAL CONTROL WIRES

3" WIDE BLUE METALLIC TRENCH MARKER TAPE OVER MAINLINE (PURPLE FOR RECYCLED WATER)

BEDDING MATERIAL

IRRIGATION MAINLINE SEE IRRIGATION TRENCH DETAILS

DIRECT BURIAL CONTROL WIRE BUNDLED WITH PLASTIC TAPE EVERY 10' COLOR KEYED TO CONTROLLER

2" MIN

4" MIN

LEGEND ON PLANS

NOTES:

1. BEDDING MATERIAL SHALL BE SE 50 PLASTER OR MORTAR SAND.
2. WIRES WHICH RUN UNDER PAVED AREAS SHALL BE INSTALLED IN PVC CONDUIT TWICE THE DIAMETER OF THE WIRE BUNDLE (2" MINIMUM SIZE), EXTENDING 12" MINIMUM BEYOND EDGE OF PAVEMENT.
3. THE LETTER "E" SHALL BE STAMPED OR CHISELED ON THE IMPROVEMENT (CURB-SIDEWALK) DIRECTLY ABOVE THE CONTROL WIRE /CABLE.
4. WHEN CONTROL WIRING CANNOT BE INSTALLED IN A PIPE TRENCH, IT SHALL BE INSTALLED A MINIMUM 18" BELOW FINISH GRADE BUNDLED WITH PLASTIC TAPE.

REVISION BY APPROVED DATE CITY OF SAN DIEGO - STANDARD DRAWING

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

COORDINATOR R.G.E. 10/1/2012

DRAWING NUMBER SDI-119

REMOTE CONTROL VALVE MANIFOLD ASSEMBLY WITH BRASS PIPE

CONCRETE VALVE BOX WITH LOCKING TOP

3" BETWEEN BOX LID AND VALVE HANDLE

2" TO FINISH GRADE

90° ELL - VERTICAL

NIPPLES - LENGTH AS REQUIRED

TEE - VERTICAL UP TO VALVE DEPTH (TYP)

NIPPLES - 6" LONG AT MAIN LINE DEPTH

PVC MAIN LINE DEPTH

RED BRASS COUPLING

BEGIN RED BRASS MANIFOLD ASSEMBLY W/COUPLING

CONCRETE ANCHOR 9" X 9" X 9" (TYP)

1" GLOBE VALVE

MANIFOLD GLOBE VALVE

12" MIN

2" MIN

CONCRETE VALVE BOX WITH LOCKING TOP

3" BETWEEN BOX LID AND VALVE HANDLE

2" TO FINISH GRADE

90° ELL - VERTICAL

NIPPLES - LENGTH AS REQUIRED

TEE - VERTICAL UP TO VALVE DEPTH (TYP)

NIPPLES - 6" LONG AT MAIN LINE DEPTH

PVC MAIN LINE DEPTH

RED BRASS COUPLING

BEGIN RED BRASS MANIFOLD ASSEMBLY W/COUPLING

CONCRETE ANCHOR 9" X 9" X 9" (TYP)

LEGEND ON PLANS

NOTES:

1. ALL PIPES, NIPPLES, AND FITTINGS AFTER MALE ADAPTER SHALL BE RED BRASS.
2. VALVE AND CONTROLLER IDENTIFICATION SHALL BE LABELED OUTSIDE ON THE VALVE BOX LID AND TAGGED INSIDE THE BOX ON THE VALVE.
3. TEFLON TAPE SHALL BE USED ON THREADED CONNECTIONS.

REVISION BY APPROVED DATE CITY OF SAN DIEGO - STANDARD DRAWING

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

COORDINATOR R.G.E. 10/1/2012

DRAWING NUMBER SDI-126

SAN DIEGO REGIONAL STANDARD DRAWING

AGENCY MAINTAINED PRIVATELY MAINTAINED

P/L, R/W OR EDGE OF EASEMENT

18", 10" MAX SEE NOTE 6

DETAIL 'A' SEE NOTE 7

12" MIN 24" MAX

PER AGENCY REQUIREMENTS

LEGEND ON PLANS

NOTES:

- 1) REFER TO AGENCY SPECIFICATIONS WHERE APPLICABLE
- 2) INSTALL WARNING/IDENTIFICATION TAPE AS SHOWN ON WP-01
- 3) LOCATE BACKFLOW PREVENTION DEVICE (BPD) IN SUCH A MANNER THAT WILL ALLOW THE DEVICE TO BE READILY ACCESSIBLE FOR INSPECTION AND REPAIR
- 4) STRAINERS SHALL NOT BE INSTALLED PRIOR TO THE FIRST SHUT-OFF VALVE
- 5) ALL ABOVE GROUND PIPING, UNIONS, ELBOWS, & NIPPLES SHALL BE SOLDERED OR THREADED BRASS
- 6) INSTALL A CASING ENCASED IN CONCRETE WHEN THE DISTANCE BETWEEN THE METER BOX AND THE RISER TO THE BPD EXCEEDS 18"
- 7) INSTALL AN ANGLE PRESSURE REDUCING VALVE IN LIEU OF THE FIRST 90° ELL WHEN SYSTEM PRESSURE EXCEEDS 150 PSI PER AGENCY SPECIFICATIONS
- 8) TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH AGENCY SPECIFICATIONS PRIOR TO ACCEPTANCE
- 9) BPD & APPURTENANCES INSTALLED FOR THE USE OF RECYCLED WATER SHALL BE IDENTIFIED AS DESCRIBED IN AGENCY SPECIFICATIONS
- 10) MATERIALS SHALL BE SELECTED FROM THE AGENCY'S APPROVED MATERIALS LIST

LEGEND ON PLANS

ITEM NO	SIZE AND DESCRIPTION	ITEM NO	SIZE AND DESCRIPTION
1	METER BOX & METER ASSEMBLY SEE WS-01 & WS-02	6	BRASS OR COPPER PIPE SEE NOTE 5
2	SCH 80 PVC, BRASS OR COPPER PIPE	7	3" LONG NIPPLE SEE NOTE 5
3	CONCRETE THRUST BLOCK SEE WT-01	8	BALL VALVE "SHUT-OFF"
4	90° ELL SEE NOTES 5 & 7	9	REDUCED PRESSURE BACKFLOW DEVICE
5	CONCRETE SLAB, MINIMUM 4" THICK X 18" WIDE	10	ENCLOSURE (OPTIONAL)
		11	UNION SEE NOTE 5
		12	ANGLE PRV SEE NOTES 5 & 7

REVISION BY APPROVED DATE CITY OF SAN DIEGO - STANDARD DRAWING

RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE

COORDINATOR R.G.E. 12/26/2008

DRAWING NUMBER WR-01

IRRIGATION DETAILS FOR MONTGOMERY MIDDLE SCHOOL JOINT USE FACILITY SPEC. # 4976

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 25 OF 25 SHEETS

WBS NO. S-00973

FOR CITY ENGINEER: 1/28/14

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	HAI			

KEVIN OLIVER SECTION HEAD
MARK CALLERAN PROJECT MANAGER

PUBLIC WORKS DEPT. CONSTRUCTION DEPARTMENT
226-1713 LAMBERT COORDINATES

AS BUILT

CONTRACTOR DATE STARTED
INSPECTOR DATE COMPLETED

35375-25-D

HOWARD ASSOCIATES landscape architecture
2400 LAUREL AVENUE SAN DIEGO, CA 92101 619.734.9600

HAI PROJ. #07026 DATE: 01-14-2014