

**AGREEMENT FOR THE
Hammond Park Improvements Project
Bid No. 251072**

THIS AGREEMENT made this day of , 2025, by and between the County of Lake, hereinafter called "COUNTY" and Cupples and Sons Construction Inc., doing business as a corporation, hereinafter called "CONTRACTOR".

WITNESSETH: That for and in consideration of the payments and agreements hereinafter mentioned:

- (1) CONTRACTOR will commence and complete the Hammond Park Improvements Project, Bid No. 251072.
- (2) The CONTRACTOR will furnish all the material, supplies, tools, equipment, labor and other services necessary for the construction and completion of the PROJECT described herein.
- (3) The CONTRACTOR will commence the work required by the CONTRACT DOCUMENTS within the time period required by the CONTRACT DOCUMENTS after the date of the NOTICE TO PROCEED and will complete the same within the time period required by the CONTRACT DOCUMENTS unless the period for completion is extended otherwise by the CONTRACT DOCUMENTS.
- (4) The CONTRACTOR agrees to perform all the WORK described in the CONTRACT DOCUMENTS and comply with the terms therein for the sum of Two Million Nine Hundred Twenty Five Thousand Four Hundred Seventy Four dollars (\$2,925,474.00), as shown in the CONTRACTOR's BID.
- (5) The term "CONTRACT DOCUMENTS" means and includes the following:
 - (A) THIS AGREEMENT
 - (B) PROJECT MANUAL
 - (C) BID SHEET
 - (D) SUBCONTRACTOR LIST
 - (E) NON-COLLUSION AFFIDAVIT
 - (F) BID BOND
 - (G) WORKERS' COMPENSATION PARTICIPATION CERTIFICATION
 - (H) PUBLIC CONTRACT CODE CERTIFICATIONS
 - (I) PREVAILING WAGE AND RELATED LABOR REQUIREMENTS CERTIFICATION
 - (J) LOCAL WORKFORCE PARTICIPATION CERTIFICATION
 - (K) PERFORMANCE BOND
 - (L) PAYMENT BOND
 - (M) PROJECT PLANS
- (6) COUNTY shall pay to the CONTRACTOR in the manner and at such times as set forth in the CONTRACT DOCUMENTS.
- (7) This Agreement shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

//

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement on the date first above written.

ATTEST: Susan Parker
Clerk of the Board

COUNTY OF LAKE

By: _____

By: _____
Chair, Board of Supervisors

APPROVED AS TO FORM:
Lloyd Guintivano
County Counsel

CONTRACTOR

By: Casey Cupples

Name: Casey Cupples

Title: President

Mailing Address: 221 Olive Ln. Ste. G
Ukiah, CA 95482

By: Scott Johnson
Sr. Deputy County Counsel

DOCUMENT 00 43 93

PART 1 -

BID SUBMITTAL CHECKLIST

1.1 BID INFORMATION

- A. Bidder:
Cupples and Sons Construction Inc.
- B. Prime Contract: County of Lake
- C. Project Name: Hammond Park Improvements
- D. Project Location: 6935 Hammond Avenue, Nice CA 95464
- E. Owner: County of Lake
- F. Owner Project Number: 251072

1.2

BIDDER'S CHECKLIST

- A. In an effort to assist the Bidder in properly completing all documentation required, the following checklist is provided for the Bidder's convenience. The Bidder is solely responsible for verifying compliance with bid submittal requirements.
- B. Attach this completed checklist to the outside of the Submittal envelope.
 - 1. Bid Form
 - 2. Bid Bond
 - 3. Power-of-Attorney (if required)
 - 4. Addenda Acknowledged
 - 5. Subcontractor List
 - 6. Contractor's License Number and Class Provided
 - 7. Noncollusion Affidavit
 - 8. Voluntary Local Workforce Participation Certification (if applicable)
 - 9. Construction Bid Worksheet (Appendix A)

END OF DOCUMENT 00 43 93

SECTION 00 41 13

PART 1 -

BID FORM - STIPULATED SUM (SINGLE-PRIME CONTRACT)

1.1 BID INFORMATION

- A. Bidder: Cupples and Sons Construction Inc.
- B. Project Name: Hammond Park Improvements
- C. Project Location: 6935 Hammond Avenue, Nice, CA 95464
- D. Owner: County of Lake
- E. Owner Project Number: 251072

1.2 CERTIFICATIONS AND BASE BID

- A. Base Bid, Single-Prime (All Trades) Contract: The undersigned Bidder, having carefully examined the Procurement and Contracting Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, as prepared by Owner, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, including all scheduled allowances, necessary to complete the construction of the above-named project, according to the requirements of the Procurement and Contracting Documents, for the stipulated sum of:

Two Million Nine Hundred Twenty Five Thousand Four Hundred Seventy Four Dollars

(\$ 2,925,474)

1.3 BID GUARANTEE

- A. The undersigned Bidder agrees to execute a contract for this Work in the above amount and to furnish surety as specified within Seven (7) days after a written Notice of Award and on failure to do so agrees to forfeit to Owner the attached cash, cashier's check, certified check, U.S. money order, or bid bond, as liquidated damages for such failure, in the following amount constituting five percent (5%) of the Base Bid amount above:

BID FORM - STIPULATED SUM
(SINGLE-PRIME CONTRACT)

Hammond Park Improvements

April 23, 2025

County of Lake

One Hundred Forty Six Thousand Nine Hundred Sixty Dollars

(\$ 146,960.00),

1.4 TIME OF COMPLETION

- A. The undersigned Bidder proposes and agrees hereby to commence the Work of the Contract Documents on a date specified in a written Notice to Proceed to be issued by Owner, and shall fully complete the Work within Ninety (90) calendar days.

1.5 ACKNOWLEDGMENT OF ADDENDA

- A. The undersigned Bidder acknowledges receipt of and use of the following Addenda in the preparation of this Bid:

1. Addendum No. 1, dated 5/6/2025
2. Addendum No. 2, dated 5/6/2025
3. Addendum No. 3, dated 5/6/2025

1.6 CONTRACTOR'S LICENSE

- A. The undersigned further states that it is a duly licensed contractor, for the type of work proposed, in California, and that all fees, permits, etc., pursuant to submitting this proposal have been paid in full.

1.7 SUBMISSION OF BID

- A. Respectfully submitted this 11 day of June, 2025
- B. Submitted By: Cupples and Sons Construction Inc. (Name of bidding firm or corporation)
- C. Authorized Signature: [Handwritten Signature] (Handwritten signature)
- D. Signed By: Casey Cupples (Type or print name)
- E. Title: Vice President (Owner/Partner/President/Vice President)
- F. Witnessed By: [Handwritten Signature] (Handwritten signature)
- G. By: Jane Cupples (Type or print name)
- H. Title: Corporate Secretary (Corporate Secretary or Assistant Secretary)
- I. Street Address: 221 Olive Lane, Suite G
- J. City, State, Zip: Ukiah, CA 95482
- K. Phone: 707-467-0674, 707-972-7331
- L. License No.: #806992 Class B

BID FORM - STIPULATED SUM
(SINGLE-PRIME CONTRACT)

Hammond Park Improvements

April 23, 2025

County of Lake

M. Federal ID No.: 68-0486873

(Affix Corporate Seal Here)

END OF DOCUMENT 00 41 13



BID FORM - STIPULATED SUM
(SINGLE-PRIME CONTRACT)

00 41 13 - 3/3



CONTRACTORS STATE LICENSE BOARD

Contractor's License Detail for License # 806992

DISCLAIMER: A license status check provides information taken from the CSLB license database. Before relying on this information, you should be aware of the following limitations.

- ▶ CSLB complaint disclosure is restricted by law (B&P 7124.6) If this entity is subject to public complaint disclosure click on link that will appear below for more information. Click here for a definition of disclosable actions.
- ▶ Only construction related civil judgments reported to CSLB are disclosed (B&P 7071.17).
- ▶ Arbitrations are not listed unless the contractor fails to comply with the terms.
- ▶ Due to workload, there may be relevant information that has not yet been entered into the board's license database

Data current as of 6/11/2025 8:41:45 AM

Business Information

CUPPLES & SONS CONSTRUCTION INC
501 SAINT MARYS DRIVE
HOPLAND, CA 95449
Business Phone Number: (707) 972-5277

Entity Corporation
Issue Date 04/23/2002
Expire Date 04/30/2026

License Status

This license is current and active.

All information below should be reviewed.

Classifications

- ▶ B - GENERAL BUILDING
- ▶ C36 - PLUMBING

Bonding Information

Contractor's Bond

This license filed a Contractor's Bond with AMERICAN CONTRACTORS INDEMNITY COMPANY.
Bond Number: 9037207
Bond Amount: \$25,000
Effective Date: 01/01/2023
Contractor's Bond History

Bond of Qualifying Individual

The qualifying individual RICKEY LYNN CUPPLES certified that he/she owns 10 percent or more of the voting stock/membership interest of this company; therefore, the Bond of Qualifying Individual is not required.
Effective Date: 02/16/2024
BQI's Bond History

Workers' Compensation

This license has workers compensation insurance with the EVEREST PREMIER INSURANCE COMPANY
Policy Number: 7600023698241
Effective Date: 10/01/2024
Expire Date: 10/01/2025
Workers' Compensation History

Other

- ▶ Personnel listed on this license (current or disassociated) are listed on other licenses.

April 23, 2025

BIDDER'S BOND

KNOW ALL MEN BY THESE PRESENTS, THAT WE _____

Cupples & Sons Construction, Inc. _____ as Principal,

and Merchants Bonding Company (Mutual) _____, as surety,

are held and firmly bound unto the County of Lake in the penal sum of five percent (5%) of the total amount of the bid of the Principal above named, submitted by said Principal to the County of Lake for the work described below, for the payment of which sum in lawful money of the United States, well and truly to be made, to the County of Lake to which said bid was submitted, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents. In no case shall the liability of the surety hereunder exceed the sum of \$Not to exceed five percent of the bid amount (Not to exceed 5% of the bid amount).

The condition of this obligation is such that, whereas the Principal has submitted the above-mentioned bid to the County of Lake, as aforesaid, for certain construction specifically described as follows, for which bids are to be opened at Lakeport, California, for the Hammond Park Improvements Project, Bid No. 251072.

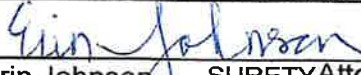
NOW, THEREFORE, if the aforesaid Principal is awarded the contract and, within the time and manner required under the specifications, after the prescribed forms are presented to him for signature, enters into a written contract, in the prescribed form, in accordance with the bid, and files two bonds with the County of Lake, one to guarantee faithful performance and the other to guarantee payment for labor and materials, as required by law, then this obligation shall be null and void; otherwise, it shall be and remain in full force and effect.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this
6th _____ day of June _____, A.D. 2025.

Cupples & Sons Construction, Inc. (Seal)

 (Seal)
 (Seal)
PRINCIPAL

Merchants Bonding Company (Mutual) (Seal)

 (Seal)
Erin Johnson SURETY Attorney-in-Fact
6700 Westown Parkway
ADDRESS West Des Moines, IA 50266

END OF DOCUMENT 00 43 13

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

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

STATE OF CALIFORNIA

County of Sacramento

On 10/6/2025 before me, Sandra R. Black, Notary Public,
Date Insert Name of Notary exactly as it appears on the official seal

personally appeared Erin Johnson

Name(s) of Signer(s)



Place Notary Seal Above

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

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

Witness my hand and official seal.

Signature

Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of the form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

RIGHT THUMBPRINT
OF SIGNER

Top of thumb here

Signer is Representing:

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

RIGHT THUMBPRINT
OF SIGNER

Top of thumb here

Signer is Representing:

MERCHANTS
BONDING COMPANY,™
POWER OF ATTORNEY

Know All Persons By These Presents, that MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., both being corporations of the State of Iowa, d/b/a Merchants National Indemnity Company (in California only) (herein collectively called the "Companies") do hereby make, constitute and appoint, individually, **Erin Johnson**

Surety Bond #: Bid Bond
Principal: CUPPLES & SONS CONSTRUCTION, INC.
Obligee: County of Lake

their true and lawful Attorney(s)-in-Fact, to sign its name as surety(ies) and to execute, seal and acknowledge any and all bonds, undertakings, contracts and other written instruments in the nature thereof, on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

This Power-of-Attorney is granted and is signed and sealed by facsimile under and by authority of the following By-Laws adopted by the Board of Directors of Merchants Bonding Company (Mutual) on April 23, 2011 and amended August 14, 2015 and adopted by the Board of Directors of Merchants National Bonding, Inc., on October 16, 2015.

"The President, Secretary, Treasurer, or any Assistant Treasurer or any Assistant Secretary or any Vice President shall have power and authority to appoint Attorneys-in-Fact, and to authorize them to execute on behalf of the Company, and attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof."

"The signature of any authorized officer and the seal of the Company may be affixed by facsimile or electronic transmission to any Power of Attorney or Certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company, and such signature and seal when so used shall have the same force and effect as though manually fixed."

In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.

In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner-Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

In Witness Whereof, the Companies have caused this instrument to be signed and sealed this 6th day of June, 2025.

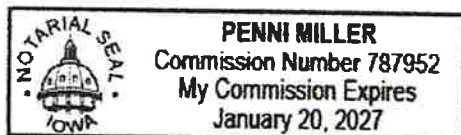


MERCHANTS BONDING COMPANY (MUTUAL)
MERCHANTS NATIONAL BONDING, INC.
d/b/a MERCHANTS NATIONAL INDEMNITY COMPANY

By *Larry Taylor*
President

STATE OF IOWA
COUNTY OF DALLAS ss.

On this 6th day of June, 2025, before me appeared Larry Taylor, to me personally known, who being by me duly sworn did say that he is President of MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC.; and that the seals affixed to the foregoing instrument are the Corporate Seals of the Companies; and that the said instrument was signed and sealed in behalf of the Companies by authority of their respective Boards of Directors.



[Signature]
Notary Public

(Expiration of notary's commission
does not invalidate this instrument)

I, William Warner, Jr., Secretary of MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., do hereby certify that the above and foregoing is a true and correct copy of the POWER-OF-ATTORNEY executed by said Companies, which is still in full force and effect and has not been amended or revoked.

In Witness Whereof, I have hereunto set my hand and affixed the seal of the Companies on this 6th day of June, 2025.



William Warner Jr.
Secretary

LIST OF SUBCONTRACTORS

The bidder certifies that:

A. ☐ I do not intend to subcontract any work on this project.

B. ☒ I do intend to subcontract portions of the work on this project.

NOTE: The bidder shall check box A or box B. If the bidder does not check a box, it will be deemed that he has checked box A.

If awarded the Contract, the bidder proposes to employ the following subcontractors who will perform work or labor or render service, to the bidder in or about the work in an amount in excess of one-half of one percent (0.5%) of the total amount of bidder's proposal or \$10,000, whichever is greater. Listing of subcontractors is mandatory under Sections 4100-4108 of the Public Contract Code. If no subcontract work is proposed, except within the one-half of one percent (0.5%) or \$10,000 limit set forth, the bidder shall so state.

Name of Sub Contractor	Address of Sub Contractor	Subcontractor License No.	Subcontractor DIR No.	Phone #	Description of work that Subcontractor will provide
Mendocino Striping	1875 Daniel Way, Redwood Valley, CA 95470	#1070403	1000699239	707-489-5970	Striping
Olea Landscaping Services	267 Alterra Drive Lakeport, CA 95453	#1131001	#2000011687	707-391-2197	Landscaping
Cupples Excavating	13820 Mountain House Rd. Hopland, CA 95449	#999200	#1000048226	707-972-2918	Excavation/Underground
Valley Paving	PO Box 559 Redwood Valley, CA 95470	#674411	#1000008895	707-485-7505	Paving
Arrow Fencing	P.O. Box 385 Calpella, CA 95418	#585041	#1000022055	707-485-1128	Fencing
Flex Ground	2017 Opportunity Dr #10 Roseville, CA 95678	#1102706	#1001030031	707-474-5431	Flexible Rubber Surface
Recreation Science, Inc.	1310 Sierra Oak Lane Colfax, CA 95713	#985338	#1000003792	916-612-3871	Play Equipment Installation

DESIGNATED SUBCONTRACTOR LIST

LIST OF SUBCONTRACTORS

The bidder certifies that:

- A. ☐ I do not intend to subcontract any work on this project.
- B. ☒ I do intend to subcontract portions of the work on this project.

NOTE: The bidder shall check box A or box B. If the bidder does not check a box, it will be deemed that he has checked box A.

If awarded the Contract, the bidder proposes to employ the following subcontractors who will perform work or labor or render service, to the bidder in or about the work in an amount in excess of one-half of one percent (0.5%) of the total amount of bidder's proposal or \$10,000, whichever is greater. Listing of subcontractors is mandatory under Sections 4100-4108 of the Public Contract Code. If no subcontract work is proposed, except within the one-half of one percent (0.5%) or \$10,000 limit set forth, the bidder shall so state.

Name of Sub Contractor	Address of Sub Contractor	Subcontractor License No.	Subcontractor DIR No.	Phone #	Description of work that Subcontractor will provide
Asphalt Impressions	8150 37th Ave. Sacramento, CA 95824	#900385	#1000002092	916-383-0441	Court Surfacing
Robert Colburn Electric	PO Box 3667 Eureka, CA 95502	#750471	#1000000666	707-445-8474	Electrical

SECTION 00 45 13

PART 1 -

NONCOLLUSION AFFIDAVIT

NONCOLLUSION AFFIDAVIT
(TO BE EXECUTED BY BIDDER AND SUBMITTED WITH
BID)

STATE OF CALIFORNIA

COUNTY OF Lake }
Casey Apples being first duly sworn, deposes and
says that he or she is President of Cupples & Sons 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.

Name of Contractor

[Signature]

Bidder (Affiant)

Subscribed and sworn to before me this 9 day of June, 2025

My commission expires: 02/12/2028

Notary Public

Anna C. Webb

Please See
Attached Certificate
Of Notarization

NONCOLLUSION AFFIDAVIT

00 45 13 - 1/1

CALIFORNIA JURAT WITH AFFIANT STATEMENT

GOVERNMENT CODE § 8202

☒ See Attached Document (Notary to cross out lines 1-6 below)

☐ See Statement Below (Lines 1-6 to be completed only by document signer[s], not Notary)

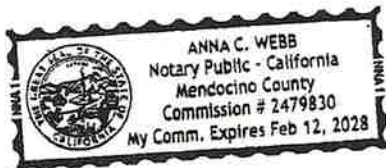
Signature of Document Signer No. 1

Signature of Document Signer No. 2 (if any)

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

State of California

County of Mendocino



Place Notary Seal and/or Stamp Above

Subscribed and sworn to (or affirmed) before me

on this 9 day of June, 2025,
by Casey Cupples
Date Month Year

(1) Casey Cupples
(and (2) [Signature]),
Name(s) of Signer(s)

proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Signature [Signature]
Signature of Notary Public

OPTIONAL

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

Description of Attached Document

Title or Type of Document: Non Collusion Affidavit

Document Date: 6/9/2025 Number of Pages: (1)

Signer(s) Other Than Named Above: _____

PREVAILING WAGE AND
RELATED LABOR REQUIREMENTS CERTIFICATION

PROJECT/CONTRACT NO.: 251072 between the County of Lake, California, (the "County")
and Cupples and Sons Construction Inc. (the "Contractor")

I hereby certify that I will conform to the State of California Public Works Contract requirements regarding prevailing wages, benefits, on-site audits with 48-hours' notice, payroll records, and apprentice and trainee employment requirements, for all Work on the Project including, without limitation, the requirement that Contractor and all of its Subcontractors are registered pursuant to Labor Code section 1771, et seq.

Date: June 11, 2025

Proper Name of Contractor: Cupples and Sons Construction Inc.
/ Subcontractor

Signature: 

Print Name: Casey Cupples

Title: Vice President

THIS FORM MUST BE COMPLETED BY THE CONTRACTOR AND ALL SUBCONTRACTORS

END OF DOCUMENT

SECTION 00 45 14

**PUBLIC CONTRACT CODE CERTIFICATIONS
(TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID)**

- 1.1 The undersigned (authorized official signing for the bidder) hereby declares under penalty of perjury the following: 1 In accordance with section 6109 of the Public Contract Code, the Bidder certifies that neither the Bidder nor any subcontractor included on the list of proposed subcontractors submitted with the Bid is ineligible to perform work on public works projects pursuant to Labor Code sections 1777.1 or 1777.7. Contractors and subcontractors who are ineligible to perform work on public works projects pursuant to Labor Code sections 1777.1 or 1777.7 may neither bid on, be awarded or perform as a subcontractor on public works projects. The bidder declares that bidder will not enter into any contract with a subcontractor who/which has been debarred pursuant to section 17 71 .1 or section 17 77 .7 of the Labor Code. No public monies shall be paid to a debarred subcontractor, and any contract entered into for public work between a prime contractor and debarred subcontractor shall be considered void as a matter of law. Any payments made to a debarred subcontractor shall be returned to the County. The prime contractor shall be solely responsible for all payments to a debarred subcontractor. In no case shall any public money be used to pay a debarred subcontractor.
- 1.2 In accordance with section 10162 of the Public Contract Code, has the bidder, any officer of the bidder, or any employee of the bidder who has a proprietary interest in the bidder, ever been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local government project because of a violation of law or a safety regulation?
YES _____ NO X
If the answer is yes, explain the circumstances in the following space (use additional sheets if necessary).
- 1.3 In accordance with section 10232 of the Public Contract Code, has more than one final, unappealable finding of contempt of court by a federal court has been issued against the bidder within the immediately preceding two-year period because of the bidder's failure to comply with an order of a federal court which orders the bidder to comply with an order of the National Labor Relations Board? For purposes of this section, a finding of contempt does not include any finding which has been vacated, dismissed, or otherwise removed by the court because the contractor has complied with the order which was the basis for the finding.
YES _____ NO X
- 1.4 In accordance with section 10 28 5.1 of the Public Contract Code, the bidder declares that neither the bidder nor any subcontractor to be engaged by the bidder has been convicted of any of the offenses referred to in this section within the preceding three years. These offences include if that bidder or any subcontractor to be engaged by the bidder, or any partner, member, officer, director, responsible managing officer, or responsible managing employee thereof, has been convicted by a court of competent jurisdiction of any charge of fraud, bribery, false claims, collusion, conspiracy, or any other act in violation of any state or federal antitrust law in connection with the bidding upon, award of, or performance of, any public works contract, as defined in Section 1101, with any state or federal public entity, as defined in Section 1100, including, for the purposes of this article, the Regents of the University of California or the Trustees of the California State University.

By my signature I certify, under penalty of perjury under the laws of the State of California, that the foregoing questionnaire and statements are true and correct, and that this declaration is executed on this 11 day of June, 2025, at Ukiah, California.

Bidder's Signature: _____

END OF SECTION 00 45 14

SECTION 00 45 26

PART 1 -

WORKERS COMPENSATION CERTIFICATION

PROJECT/CONTRACT NO.: 251072

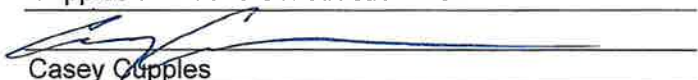
Hammond Park Improvements Contract between County of Lake (the "County" or the "Owner") and
Cupples and Sons Construction Inc. (the "Contractor" or the "Bidder") (the "Contract" or the "Project")

Labor Code section 3700 in relevant part provides:

Every employer except the State shall secure the payment of compensation in one or more of the following ways:

1. By being insured against liability to pay compensation by one or more insurers duly authorized to write compensation insurance in this state.
2. By securing from the Director of Industrial Relations a certificate of consent to self-insure, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his employees.

I am aware of the provisions of section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the Work of this Contract.

Date:	June 11, 2025
Proper Name of Contractor:	Cupples and Sons Construction Inc.
Signature:	
Print Name:	Casey Cupples
Title:	Vice President

(In accordance with Article 5 - commencing at section 1860, chapter 1, part 7, division 2 of the Labor Code, the above certificate must be signed and filed with the awarding body prior to performing any Work under this Contract.)

END OF SECTION 00 45 26

Appendix A

		CONSTRUCTION BID WORKSHEET - BID NO. 251072			
		Lake County ~~Hammond Park Improvement~~ <i>Type text here</i>			
Item No.	Description	Unit	Estimated Quantity	Unit Cost	Amount
1	Lump Sum Base Bid (Total)	LS	1	2,925,474	2,925,474
2	CSI - Divisions 00 & 01 – GENERAL REQUIREMENTS Site Management, Permits, Traffic Control, Signage	LS	1	520474	520,474
3	CSI – Division 02 – EXISTING CONDITIONS Site Staking, Clearing, Storm Drainage, etc.	LS	1	120000	120,000
4	CSI – Division 11 – EQUIPMENT	LS	1	100000	100,000
5	CSI – Division 12 – SITE FURNISHINGS Bollards, Bike Racks, BBQ's Tables, Sports Court Equipment, Bag Dispenser, Wheel Stops, etc.	LS	1	120000	120,000
6	CSI – Division 13 - SPECIAL CONSTRUCTION Shade Structure, Shade Structure, Play and Fitness Courts, Drinking Fountain, etc.	LS	1	250000	250,000
7	CSI – Division 22 – Plumbing Landscape Irrigation, Drinking Fountain, etc.	LS	1	75000	75,000
8	CSI – Division 26 – ELECTRICAL Site Lighting, Utility Connections, Solar Photovoltaic, Systems, etc.	LS	1	240000	240,000
9	CSI – Division 31 – EARTHWORK Clearing, Grubbing, Engineered Fill, Trenching, Aggregate Base, etc.	LS	1	250000	250,000
10	CSI – Division 32 – EXTERIOR IMPROVEMENTS Asphalt, Striping and Signs, Concrete, Curbs/ Gutters, Seat Wall, Sports Court Surface, Gravel, Decomposed Granite, Engineered Wood Fiber, Resilient Surfacing, Fencing and Gates, Landscaping – Soil Prep and Grading, Bioretention Soil, Irrigations System, Boulders, Mulch, Trees, Turf, Shrubs Ground Cover 5Gal., Shrub Ground Cover 1Gal, etc.	LS	1	1200000	1,200,000
11	Landscape Maintenance Period	LS	1	50,000	50,000

PERFORMANCE BOND

KNOW ALL PERSONS BY THESE PRESENTS: that

Cupples and Sons Construction Inc.

(Name of Contractor)

221 Olive Lane, Suite G Ukiah, CA 95482

(Address of Contractor)

a _____ Corporation
hereinafter called PRINCIPAL, and
(Corporation, Partnership or Individual)

(Name of Surety)

(Address of Surety)

hereinafter called SURETY, are held and firmly bound unto the COUNTY OF LAKE, 255 North Forbes Street, Lakeport, CA 95453, hereinafter called OWNER, in the penal sum of Two Million Nine Hundred Twenty Five Thousand Four Hundred Seventy Four Dollars (\$2,925,474.00), in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION is such that whereas, the PRINCIPAL entered into a certain Contract with the OWNER, dated this _____ day of _____ 2025, a copy of which is hereto attached and made a part hereof for Hammond Park Improvement Project PRINCIPAL and SURETY acknowledge that they have closely reviewed all the terms of the Contract, including, but not limited to, any liquidated damages terms of the Contract, and hereby stipulate and agree that the terms stated in the Contract are reasonable.

NOW, THEREFORE, if the PRINCIPAL shall well, truly and faithfully perform its duties, all the undertakings, covenants, terms, conditions, and agreements of said Contract during the original term thereof, and any extensions thereof which may be granted by the OWNER, with or without notice to the SURETY and

during the one year guaranty period, and if he shall satisfy all claims and demands incurred under such Contract, and shall fully indemnify and save harmless the OWNER from all costs and damages which it may suffer by reason of failure to do so, and shall reimburse and repay the OWNER all outlay and expense which the OWNER may incur in making good any default, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that said PRINCIPAL and SURETY, and their respective heirs, successors, executors and administrators, jointly and severally firmly by these presents,

Performance Bond
Bid No. 251072

hereby stipulate and agree that they are held and firmly bound unto OWNER for the payment of any liquidated damages charged under the Contract.

PROVIDED, FURTHER, that the said SURETY for value received hereby stipulates and agrees that no change, extension of me, altera on or addition to the terms of the Contract or to the WORK to be performed thereunder or the conditions accompanying the same shall in any way affect its obligation on this BOND, and it does hereby waive notice of any such change, extension of me, altera on or addition to the terms of the Contract or to the Contract Work or to the conditions.

PROVIDED, FURTHER, that no final settlement between the OWNER and the PRINCIPAL shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

PROVIDED, FURTHER, that the parties to this BOND hereto agree that venue or forum from any action or proceeding regarding this BOND or performance thereof shall be in Lake County, California.

IN WITNESS WHEREOF, this instrument is executed this _____ day of _____, 2025.

APPROVED AS TO FORM
LLOYD C. GUINTIVANO
County Counsel

SURETY

PRINCIPAL

NOTE: Date of BOND must not be prior to date of Contract. If PRINCIPAL is Partnership, all partners should execute BOND.

IMPORTANT: Surety companies executing BONDS must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the State where the project is located.

Performance Bond
Bid No. 251072

PAYMENT BOND

KNOW ALL PERSONS BY THESE PRESENTS: that

Cupples and Sons Construction Inc.

(Name of Contractor)

221 Olive Lane, Suite G Ukiah, CA 95482

(Address of Contractor)

Corporation a hereinafter called PRINCIPAL, and
(Corporation, Partnership or Individual)

(Name of Surety)

(Address of Surety)

hereinafter called SURETY, are held and firmly bound unto the COUNTY OF LAKE, 255 North Forbes Street, Lakeport, CA 95453, hereinafter called OWNER, in the penal sum of Two Million Nine Hundred Twenty Five Thousand Four Hundred Seventy Four Dollars (\$2,925,474.00), in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION is such that whereas, the PRINCIPAL entered into a certain Contract with the OWNER, dated the _____ day of _____, 2025, a copy of which is hereto attached and made a part hereof for Hammond Park Improvement Project

NOW, THEREFORE, if the PRINCIPAL shall promptly make payment to all persons, firms, SUBCONTRACTORS, and corporations furnishing materials for or performing labor in the prosecution of the WORK provided for in such Contract, and any authorized extension or modification thereof, including all amounts due for materials, lubricants, oil, gasoline, coal and coke, repairs on machinery, equipment and tools, consumed or used in connection with the construction of such WORK, and all insurance premiums on said WORK, and for all labor, performed in such WORK, whether by SUBCONTRACTOR or otherwise, then this obligation shall be void; otherwise to remain in full force and effect. If the above bonded PRINCIPAL, contractor, person, company or corporation, or his or its subcontractor, fails to any person, firm, SUBCONTRACTORS, and corporations furnishing materials, or amounts due under the Unemployment Insurance Code, for or performing labor in the prosecution of the WORK provided for in such Contract, the SURETY on this bond shall pay the same, in an amount not exceeding the aggregate sum specified in this bond.

Hammond Park Improvement Project
Bid No. 251072

PROVIDED, FURTHER, that the said SURETY for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the WORK to be performed thereunder or the conditions accompanying the same shall in any way affect its obligation on this BOND, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the Contract Work or to the conditions.

PROVIDED, FURTHER, that no final settlement between the OWNER and the PRINCIPAL shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

PROVIDED, FURTHER, that the parties to this BOND hereto agree that venue or forum from any action or proceeding regarding this BOND or performance thereof shall be in Lake County, California.

IN WITNESS WHEREOF, this instrument is executed this _____ day of 2025.

APPROVED AS TO FORM

SURETY

LLOYD C. GUINTIVANO

County Counsel

By: *Josh Plunson*
Sr. Deputy County Counsel

PRINCIPAL

By: _____

NOTE: Date of BOND must not be prior to date of Contract. If PRINCIPAL is Partnership, all partners should execute BOND.

IMPORTANT: Surety companies executing BONDS must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the State where the project is located.

Payment Bond
Bid No. 251072

PROJECT MANUAL

FOR CONSTRUCTION
OF THE

Hammond Park Improvements
6935 Hammond Avenue, Nice, Ca. 95464
Project No. 251072



BID OPENING DATE

Wednesday, June 11,
2025 11:00 A.M.

COUNTY OF LAKE

HAMMOND PARK

TABLE OF CONTENTS

Section	Title	Page(s)
00 11 13	Advertisement for Bids	2-6
00 21 13	Instructions to Bidders	7-13
00 22 19	Local Hiring for Public Works Contracts	14-16
00 41 13	Bid Form - Stipulated Sum (Single-Prime Contract)	17-19
00 43 13	Bidder's Bond	20
00 43 14	Prevailing Wage and Related Labor Requirements Certification	21
00 43 36	Designated Subcontractor List	22
00 43 93	Bid Submittal Checklist	23
00 45 13	Non-Collusion Affidavit	24
00 45 14	Public Contract Code Certifications	25-26
00 45 26	Workers Compensation Certification	27
00 45 50	Voluntary Local Workforce Participation Certification	28-29
00 51 13	Notice of Intent to Award	30

00 60 00	Sample Agreement	31-32
00 60 02	Sample Performance Bond	33-34
00 60 03	Sample Payment Bond	35-36
00 70 00	General Conditions	
00 75 00	Supplementary General Conditions	
00 80 00	Summary of Work	

DOCUMENT 00 11 13

ADVERTISEMENT FOR BIDS

1.1 PROJECT INFORMATION

- A. Notice is hereby given that the County of Lake will receive sealed bids for construction of the following project:

1.2 Hammond Park Improvements Project – Bid No. 251072

A. Project Work:

1. The Project consists of improvements to Hammond Park in Nice, CA. Work to include clearing and demolition, equipment, site furnishings, special construction, electrical, earthwork, exterior improvements and utilities.
The Contractor shall furnish all labor, materials, parts, equipment, tools, supervision, services, transportation, waste disposal, facilities and other required items necessary to complete the following work in strict accordance with all of the Contract Documents.
2. Permits: The Contractor is to obtain required permit(s) but the County will pay the issuing agency directly for the cost of said permit(s).
3. Work and material not specifically listed in the proposal but required in the Plans, Specifications, and general construction practice, shall be included in the bid price. No separate payment will be made for these incidental items.
4. On-site Work Hours: Unless otherwise indicated, all work must be performed between 7:00am - 7:00pm, Monday through Friday and on weekends.

B. Project Identification:

1. Hammond Park Improvements

C. Project Site:

1. 6935 Hammond Avenue, Nice, Ca 95464

D. Project Owner:

1. County of Lake, 255 North Forbes Street, Lakeport, CA 95453.
2. Owner's Representatives:
Lars Ewing
Public Services Director
Joe Cooper
Capital Project Manager
Brian Powers
Construction Project Manager
Matt Davis
Construction Project Coordinator
333 Second Street
Lakeport CA 95453

ADVERTISEMENT FOR BIDS

County of Lake

Ph. 707-262-1618

Fax. 707-262-0973

E. Project Time For Completion

1. The estimated time to complete this project is One Hundred Fifty (150) calendar days from issuance of the Notice to Proceed.

F. Project Construction Estimate:

1. The preliminary construction budget for this project is \$2,750,000.00.

1.3 BID REGISTRATION, PRE-BID MEETING, QUESTIONS, SUBMITTAL AND OPENING

- A. Contract documents including plans and specifications can be viewed on the County website at: <http://www.lakecountyca.gov/Bids.aspx>

- B. PREBID MEETING: A recommended (but not mandatory) pre-bid meeting and site visit will be held at 6935 Hammond Avenue, Nice, CA on **Wednesday May 14, 2025 at 10:00 a.m.**

- C. Questions: Except for questions offered at the non- mandatory pre-bid meeting, questions about this bid package, including questions regarding plans and specifications, as well as omission, discrepancy, conflict, error, ambiguity or need for interpretation or clarification, shall be submitted by registered plan holders no later than **5:00 p.m. on Monday May 23, 2025**, to parks@lakecountyca.gov. Answers to questions will be issued through official addendum by **Monday May 30, 2025**. Any interpretations, clarifications, correction of error or changes in requirements shall be issued in the form of an addendum.

- D. Bid Submittal: Owner will receive sealed lump sum bids until the bid time and date at the location given below. Owner will consider bids prepared in compliance with the Instructions to Bidders issued by Owner, and delivered as follows:

1. Bid Submittal Deadline: **Wednesday, June 11, 2025**
2. Bid Submittal Location: www.publicpurchase.com
3. Bid Opening Time: **11:00 a.m.**, local time.
4. Bid Opening Location: Lake County Courthouse Conference Room B located on 1st Floor of the County Courthouse at 255 N Forbes Street, Lakeport, CA 95453.
Join Zoom Meeting
<https://lakecounty.zoom.us/j/88327907249?pwd=F8cFhPbjcj7aTayuto5mJddGCMtg2B.1>
Meeting ID: 883 2790 7249
Passcode: 845392

- E. Bids will be thereafter publicly opened and read aloud.

- F. Regulatory Requirements: All bids shall be on the bid form provided by the County. Each bid must conform to and be responsive to all pertinent Contract Documents, including but not limited to, the Instructions to Bidders Document, 00 21 13, and the Supplementary Instructions to Bidders – Local Hiring for Public Works - Contracts.

County of Lake

1.4 BONDS

- A. A Bid Bond by an admitted surety insurer on the form provided by the County, cash, or a cashier's check or a certified check, drawn to the order of the County of Lake, in the amount of five percent (5%) of the total bid price, shall accompany the Bid Form, as a guarantee that the Bidder will, within seven (7) calendar days after the date of the Notice of Award, enter into a contract with the County for the performance of the services as stipulated in the bid. Owner reserves the right to reject any and all bids and to waive informalities and irregularities.
- B. The successful Bidder shall be required to furnish a 100% Performance Bond and a 100% Payment Bond if it is awarded the contract for the Work.
- C. The successful Bidder may substitute securities for any monies withheld by the County to ensure performance under the Contract, in accordance with the provisions of section 22300 of the Public Contract Code.

1.5 INDUSTRIAL RELATIONS REQUIREMENTS

- A. The Contractor and all Subcontractors under the Contractor shall pay all workers on all work performed pursuant to this Contract not less than the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work as determined by the Director of the Department of Industrial Relations, State of California, for the type of work performed and the locality in which the work is to be performed within the boundaries of the County, pursuant to sections 1770 et seq. of the California Labor Code. Prevailing wage rates are also available from the County or on the Internet at: <http://www.dir.ca.gov>.
- B. This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations. The following requirements apply to this bid and contract:
 - 1. No contractor or subcontractor may be listed on a bid proposal for a public works project (submitted on or after March 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 17 25 .5.
 - 2. No contractor or subcontractor may be awarded a contract for public work on a public works project (awarded on or after April 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 17 25 .5.

1.6 DOCUMENTS

- A. Online Procurement and Contracting Documents: Obtain access by contacting any of the following locations
 - 1. <http://www.lakecountycalifornia.gov/Business/WithCounty/>
 - 2. <http://www.publicpurchase.com>
 - 3. Construction Bidboard (Ebidboard)
11622 El Camino Real, #100
San Diego, CA 92130
Phone: 800-479-5314
Email: support@ebidboard.com
Website: www.ebidboard.com

County of Lake

3. Dodge Data & Analytics
830 Third Avenue, 6th Floor
New York, NY 10022
Phone: 877-784-9556
Email: support@construction.com
Website: www.construction.com
4. Humboldt Builders Exchange, Inc.
1213 5th Street
Eureka, California 95501
Phone: 707-442-3708
Website: www.humbx.com
Email: officemanager@humbx.com
5. Shasta Builders Exchange
5800 Airport Road
Redding, CA 96002
Phone: 530-221-5556
Email: info@shastabe.com
Website: www.shastabe.com
6. North Coast Builders Exchange
1030 Apollo Way
Santa Rosa, CA 95407
Phone: 707-542-9502
Fax: 707-542-2027
Website: www.ncbeonline.com
Email: planroom@ncbeonline.com
7. Marin Builders Association
660 Las Gallinas Avenue
San Rafael, CA 94903
Phone: 415-462-1220
Fax: 415-462-1225
Email: mba@marinbuilders.org
Website: www.marinba.org
8. Placer County Contractors Association & Builders Exchange
10656 Industrial Avenue, Suite 160
Roseville, CA 95678

County of Lake

Phone: 916-771-7229

Fax: 916-771-0556

Email: planroom@placerbx.com

Website: www.pccamembers.com

1.7 CONTRACT AWARD

- A. The County shall award the Contract, if it awards it at all, to the lowest responsive responsible bidder based on the base bid amount only.

1.8 TIME OF COMPLETION

- A. Successful bidder shall begin the Work on receipt of the Notice to Proceed and shall complete the Work within the Contract Time.

1.9 BIDDER'S QUALIFICATIONS

- A. To bid on this Project, the Bidder is required to possess one or more of the following State of California Contractor Licenses:
 - 1. Class A – General Engineering
- B. Bidders must be properly licensed under the laws governing their respective trades and be able to obtain insurance and bonds required for the Work.

END OF DOCUMENT 00 11 13

DOCUMENT 00 21 13

INSTRUCTIONS TO BIDDERS

- 1.1 Bidders shall follow the instructions in this document, and shall submit all documents, forms, and information required for consideration of a Bid. County will evaluate information submitted by the apparent low Bidder and, if incomplete or unsatisfactory to County, Bidder's bid may be rejected at the sole discretion of County.

- A. Bid Receipt and Opening. County will receive sealed Bids from Bidders as stipulated in the Advertisement For Bids Document 00 11 13. Bids will be opened at or after the time indicated for receipt of bids. Bids for this Project will be received both electronically and by physical delivery. Bids physically delivered must be sealed, and marked with name and address of the Bidder and the Project Number, Bid number, Bid package, and time of bid opening. Bids will be received as indicated in the Notice to Bidders.

1. Mark envelopes with the name of the Project.
2. Bids must be submitted at the place and by date and time shown in the Instructions to Bidders.
3. Bids must contain all documents as required herein.

- B. Preparation of Bid Proposal. The Proposal for this Contract contains a single Base Bid. The amount of the bid for comparison purposes will be the Base Bid. Bidders must submit Base Bids on Bid Form 00 41 13 and all other required County forms. Bids not submitted on the County's required forms shall be deemed non-responsive and shall not be considered. Additional sheets required to fully respond to requested information are permissible. Bidders must supply all information required by each Bid Document. Bids must be full and complete. County provides a bid submittal checklist, Form 00 43 93, for bidder's convenience. County reserves the right in its sole discretion to reject any Bid as non-responsive as a result of any error or omission in the Bid. Bidders must complete and submit all of the following documents with Bid:

1. Bid Bond (or other security) 00 43 13
2. Designated Subcontractors List 00 43 36
3. Non-Collusion Affidavit 00 45 13
4. Construction Bid Worksheet (Appendix A)

Where the Bid for the work is to be submitted on a unit price basis, unit prices will be accepted on all items of work set forth in the Bid, except those designated to be paid for as a lump sum. The estimate of quantities of work to be done is tabulated in the Bid and, although stated with as much accuracy as possible, is approximate only and is assumed solely for the basis of calculation upon which the award of Contract shall be made. Payment to the Contractor will be made on the measurement of the work actually performed by the Contractor as specified in the Contract Documents. The Owner reserves the right to increase or diminish the amount of any class of work as may be deemed necessary.

When the Bid for the work is to be submitted on a lump sum basis, a single lump sum price shall be submitted in the appropriate place. The total amount to be paid the Contractor shall be the amount of the lump sum in the Bid. After award of Contract, the Contractor may be required to break down the lump sum Bid into unit prices for the various portions to be completed.

- C. Bid Award. County shall award the Contract, if it awards it at all, to the lowest responsive responsible bidder based on the criteria as indicated in these contract documents for the Base Bid. A responsive bid is a solicited bid that has been determined by the County to be in conformance with the conditions, completion or delivery requirements, and specifications

detailed in the solicitation for bid. Responsive bids are those submitted on time; contain complete information, and required submittals and/or supporting documentation.

A responsible bidder is defined by the California Public Contract Code section 1103 as "a bidder who has demonstrated the attribute of trustworthiness, as well as quality, fitness, capacity, and experience to satisfactorily perform this public works contract."

Prior to the award of Contract, County reserves the right to consider the responsibility of the Bidder. County may conduct investigations as County deems necessary to assist in the evaluation of any bid and to establish the responsibility, including, without limitation, qualifications and financial ability of Bidders, proposed subcontractors, suppliers, and other persons and organizations to perform and furnish the Work in accordance with the Contract Documents to County's satisfaction within the prescribed time.

- D. Award of Additive Alternate Bid (if any). A decision to award the Additive/Deductive Alternate bid(s) will be awarded at the County's discretion and will be awarded to the same party to whom is awarded the Base Bid
- E. Bid Deposit. Bidders must submit with their Bids: cash; a cashier's check (or a certified check) payable to County; or a Bid Bond, of not less than five percent (5%) of amount of base Bid, plus all additive alternates. Required form of corporate surety, Bid Security Form, is provided by County and must be used and fully completed by Bidders choosing to provide a Bid Bond as security. The Surety on Bidder's Bid Bond must be an insurer admitted in the State of California and authorized to issue surety bonds in the State of California. Bids submitted without necessary bid security will be deemed non-responsive and will not be considered. Attorneys-in-fact who sign BID BONDS or payment BONDS and performance BONDS must file with each BOND a certified and effective dated copy of their power of attorney. If Bidder to whom Contract is awarded shall for TEN (10) calendar days after the date of the Notice of Award, fail or neglect to submit required bonds, insurance certificates, and all other required documents, the County may, at its option, determine that the bidder has abandoned the contract, and thereupon this bid and the acceptance thereof shall be null and void and the forfeiture of such security accompanying this bid shall operate and the same shall be the property of the County. The County may then deposit Bid Bond, cash, cashier's check, or certified check for collection, and proceeds thereof may be retained by County as liquidated damages for failure of Bidder to enter into Contract, in the sole discretion of County. It is agreed that calculation of Damages County may suffer as a result of Bidder's failure to enter into the Contract would be extremely difficult and impractical to determine and that the amount of the Bidder's required bid security shall be the agreed and conclusively presumed amount of damages.
- F. Insurance: Insurance requirements are detailed in the "Lake County General Conditions" hereinbelow.
- G. Subcontractor List. Bidders must submit with the Bid the Designated Subcontractors List for those subcontractors who will perform any portion of Work, including labor, rendering of service, or specially fabricating and installing a portion of the Work or improvement according to detailed drawings contained in the plans and specifications, in excess of one half of one percent (0.5%) of total Bid. Failure to submit this list when required by law shall result in Bid being deemed non-responsive and the Bid will not be considered.
- H. Addenda. County will transmit to all prospective Bidders of record such Addenda as County in its discretion considers necessary in response to questions received by the Project Coordinator including questions arising at the pre-bid meeting/site visit. Oral statements shall not be relied upon and will not be binding or legally effective. Addenda issued by the County as a result of the pre-bid meeting/site visit, if any shall constitute the sole and exclusive record and statement

of the results of the pre-bid meeting/site visit. Questions received less than TEN (10) business days prior to the date for opening Bids may not be answered. Only questions answered by formal written Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect. Addenda may also be issued to modify other parts of the Contract Documents as deemed advisable by County. Each Bidder must acknowledge each Addendum in its Bid Form 00 41 13 by number or its Bid shall be considered non-responsive. Addenda shall be part of the Contract Documents. A complete listing of Addenda may be secured from County.

- I. Non-Collusion Affidavit. Bidders shall submit the Non-Collusion Affidavit with their Bids. Bids submitted without the Non-Collusion Affidavit shall be deemed non-responsive and will not be considered.
- J. Bid Form Erasures, Deletions and Discrepancies. Bids shall be clearly written without erasure or deletions. County reserves the right to reject any Bid containing erasures or deletions. Discrepancies between written words and figures, or words and numerals, will be resolved in favor of the figures or numerals.
- K. Bid Form Modification. Bidders shall not modify Bid Form 00 41 13 or qualify their Bids. Bidders shall not submit to the County a scanned, re-typed, word-processed, or otherwise recreated version of Bid Form 00 41 13 or other County-provided document. A conditional or qualified BID will not be accepted if it modifies the Plans or Specifications or method of work. All blank spaces in the Bid Form must be filled in, in ink, in both words and figures where required. No changes shall be made in the phraseology of the forms.
- L. Prevailing Wages. The successful Bidder and all its subcontractors shall pay all workers on all work performed pursuant to this Contract not less than the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work as determined by the Director of the Department of Industrial Relations, State of California, for the type of work performed and the locality in which the work is to be performed within the boundaries of the County, pursuant to sections 1770 et seq. of the California Labor Code. Copies of the general prevailing rates of per diem wages for each craft, classification, or type of worker needed to execute the Contract, as determined by Director of the State of California Department of Industrial Relations, are available upon request at the Lake County Public Services office, 333 Second Street, Lakeport, CA. Prevailing wage rates are also available on the internet at <http://www.dir.ca.gov>.
- M. Complete Contract Documents. It shall be the responsibility of the Bidder to verify the completeness of its set of Contract Documents therein and neither the County of Lake nor any of its officers or consultants shall be held responsible for any omissions unless such omission has been called to the attention of the County of Lake prior to the submission of bids.
- N. Project Understanding. Submission of Bid signifies careful examination of Contract Documents and complete understanding of the nature, extent, and location of Work to be performed. Bidders must complete the tasks listed below as a condition to bidding, and submission of Bid shall constitute the Bidder's express representation to County that Bidder has fully completed the following:
 - 1. Bidder has visited the Site and has examined thoroughly and understood the nature and extent of the Contract Documents, Work, Site, locality, actual conditions, as-built conditions, and all local conditions and federal, state and local laws, and regulations that in any manner may affect cost, progress, performance, or furnishing of Work or that relate to any aspect of the means, methods, techniques, sequences, or procedures of

- construction to be employed by Bidder and safety precautions and programs incident thereto;
2. Bidder has conducted or obtained and has understood all examinations, investigations, explorations, tests, reports, and studies that pertain to the subsurface conditions, as-built conditions, underground facilities, and all other physical conditions at or contiguous to the Site or otherwise that may affect the cost, progress, performance, or furnishing of Work, as Bidder considers necessary for the performance or furnishing of Work at the Contract Sum, within the Contract Time, and in accordance with the other terms and conditions of Contract Documents, including specifically the provisions of the General Conditions; and no additional examinations, investigations, explorations, tests, reports, studies, or similar information or data are or will be required by Bidder for such purposes;
 3. Bidder has correlated its knowledge and the results of all such observations, examinations, investigations, explorations, tests, reports, and studies with the terms and conditions of the Contract Documents;
 4. Bidder has given County prompt written notice of all conflicts, errors, ambiguities, or discrepancies that it has discovered in or among the Contract Documents and the actual conditions, and the written resolution thereof by County is acceptable to Bidder;
 5. Bidder has made a complete disclosure in writing to County of all facts bearing upon any possible interest, direct or indirect, that Bidder believes any representative of County or other officer or employee of County presently has or will have in this Contract or in the performance thereof or in any portion of the profits thereof;
 6. Bidder must, prior to bidding, perform the work, investigations, research, and analysis required by this document and that Bidder represents in its Bid Form 00 41 13 and the Agreement that it performed prior to bidding. Bidders are charged with all information and knowledge that a reasonable bidder would ascertain from having performed this required work, investigation, research, and analysis. Bid prices must include entire cost of all work "incidental" to completion of the Work.
 7. Conditions Shown on the Contract Documents: Information as to underground conditions, as-built conditions, or other conditions or obstructions, indicated in the Contract Documents, e.g., on Drawings or in Specifications, has been obtained with reasonable care, and has been recorded in good faith. However, County only warrants, and Bidder may only rely, on the accuracy of limited types of information.
 - a. As to above-ground conditions or as-built conditions shown or indicated in the Contract Documents, there is no warranty, express or implied, or any representation express or implied, that such information is correctly shown or indicated. This information is verifiable by independent investigation and Bidder is required to make such verification as a condition to bidding. In submitting its Bid, Bidder shall rely on the results of its own independent investigation. In submitting its Bid, Bidder shall not rely on County-supplied information regarding above-ground conditions or as-built conditions.
 - b. As to any subsurface condition shown or indicated in the Contract Documents, Bidder may rely only upon the general accuracy of actual reported depths, actual reported character of materials, actual reported soil types, actual reported water conditions, or actual obstructions shown or indicated. County is not responsible for the completeness of such information for bidding or construction; nor is County responsible in any way for any conclusions or opinions of Bidder drawn from such information; nor is County responsible for subsurface conditions that are not specifically shown (for example, County is not responsible for soil conditions in areas contiguous to areas where a subsurface condition is shown).
 8. Conditions Shown in Reports and Drawings Supplied for Informational Purposes: Reference is made to the Asbestos Analytical Data Report included in Exhibit A.
 - a. These reports and drawings are not Contract Documents and, except for any "technical" data regarding subsurface conditions specifically identified in

Geotechnical Data and Existing Conditions Information, and underground facilities data, Bidder may not in any manner rely on the information in these reports and drawings. Subject to the foregoing, Bidder must make its own independent investigation of all conditions affecting the Work and must not rely on information provided by County.

- O. Substitutions. Bids shall be based on products and systems specified in Contract Documents or listed by name in Addenda. County is not responsible and/or liable in any way for a Bidder's damages and/or claims related, in any way, to that Bidder's basing its bid on any requested substitution that County has not approved. Bidders and materials suppliers who submit requests for substitutions prior to the award of the Contract must do so in writing and in compliance with Public Contract Code section 3400. All requests must comply with the following:
1. County must receive any request for substitution a minimum of TEN (10) business days prior to bid opening.
 2. Requests for substitutions shall contain sufficient information to assess acceptability of product or system and impact on Project, including, without limitation, the requirements specified in the Special Conditions and the Specifications. Insufficient information shall be grounds for rejection of substitution.
 3. Approved substitutions shall be listed in Addenda. County reserves the right not to act upon submittals of substitutions until after bid opening.
 4. Substitutions may be requested after Contract has been awarded only if indicated in and in accordance with requirements specified in the Special Conditions and the Specifications.
- P. Alternates. This Contract may include alternates. Alternates are defined as alternate products, materials, equipment, systems, methods, or major elements of the construction that may, at the County's option and under terms established in the Contract and pursuant to section 20 10 3.8 of the Public Contract Code, be selected for the Work.
- Q. Time for Completion: County may issue a Notice to Proceed within NINETY (90) calendar days from the date of the Notice of Award. Once Contractor has received the Notice to Proceed, Contractor shall complete the Work within the period of time indicated in the Contract Documents.
1. In the event that County desires to postpone issuing the Notice to Proceed beyond the 90-day period above, it is expressly understood that with reasonable notice to the Contractor, County may postpone issuing the Notice to Proceed.
 2. It is further expressly understood by Bidder that Contractor shall not be entitled to any claim of additional compensation as a result of the postponement of the issuance of the Notice to Proceed beyond the 90-day period. If the Contractor believes that a postponement of issuance of the Notice to Proceed will cause a hardship to the Contractor, the Contractor may terminate the Contract. Contractor's termination due to a postponement beyond this 90-day period shall be by written notice to County within TEN (10) calendar days after receipt by Contractor of County's notice of postponement.
 3. It is further understood by Bidder that in the event that Contractor terminates the Contract as a result of postponement by County, County shall only be obligated to pay Contractor for the Work that Contractor had performed at the time of notification of postponement and which County had in writing authorized Contractor to perform prior to issuing a Notice to Proceed.
 4. Should the Contractor terminate the Contract as a result of a notice of postponement, County shall have the authority to award the Contract to the next lowest responsive responsible bidder.

- R. Contract Documents. The Bidder to whom Contract is awarded shall execute and submit the following documents by 5:00 p.m. of the SEVENTH (7TH) calendar day following the date of the Notice of Award. Failure to properly and timely submit these documents entitles County to reject the bid as non-responsive.
1. Agreement: To be executed by successful Bidder. Submit two (2) copies, each bearing an original signature.
 2. Performance Bond (100%): On the form provided in the Contract Documents and fully executed as indicated on the form.
 3. Payment Bond (100%) (Contractor's Labor and Material Bond): On the form provided in the Contract Documents and fully executed as indicated on the form.
 4. Insurance Certificates and Endorsements as required.
 5. Workers' Compensation Certification.
 6. Prevailing Wage and Related Labor Requirements Certification.
 7. Hazardous Materials Certification (if needed).
 8. Contractor's Safety Plan specifically adapted for the Project.
- S. Bid Protests:
1. Any party with a direct financial interest who is aggrieved by any alleged material irregularity in connection with the intended award of a bid, may file a bid protest with the Purchasing Agent, where such protest is based on alleged violations of Federal, State, or local law or ordinance, or alleged material irregularity in either the County's bid invitation or in the bid to which an award is intended. Generally, non-material irregularities in a bid response are those that substantially conform to the bid requirements and do not affect the bid price, time or conditions in such a way as to affect the amount of the bid or provide a competitive advantage or benefit not allowed to other bidders. Material irregularities in a bid invitation provide a competitive advantage or benefit to one (1) bidder that is not enjoyed by other bidders. The Purchasing Agent may determine whether an alleged irregularity exists and whether it is material or non-material and shall have the authority to waive non-material irregularities. A bid protest must:
 - a. Be written
 - b. State the specific alleged violation of law or alleged material irregularity
 - c. Request a determination of the appeal
 - d. Provide a telephone number and email address at which the appellant can be contacted
 - e. Be filed no later than seven (7) days after the date of the Notice of Intent to Award Letter and/or formal Bid Opening (holidays excepted). Any protest filed after this time will not be considered.
 2. The party filing the appeal ("appellant") must concurrently transmit a copy of all appeal documents and any attachments to all other parties with a direct financial interest which may be adversely affected by the determination of the appeal.
 3. Within seventy-two (72) hours of receipt of appeal, the Purchasing Agent or Assistant Purchasing Agent shall provide written notification to the appellant of the determination. A determination under this procedure shall be final except that the Purchasing Agent's decision may be appealed to the County Administrative Officer in writing within forty-eight (48) hours from the Purchasing Agent's or Assistant Purchasing Agent's notification to appellant.
 4. The decision of the County of Lake respecting the amount of a bid, or the existence or treatment of an irregularity in a bid, shall be final.

- T. Bid Rejection. County reserves the right to reject any or all bids, including without limitation the right to reject any or all nonconforming, non-responsive, unbalanced, or conditional bids, to rebid, and to reject the bid of any bidder if County believes that it would not be in the best interest of County to make an award to that bidder, whether because the bid is not responsive or the bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by County. For purposes of this paragraph, an "unbalanced bid" is one having nominal prices for some work items and/or enhanced prices for other work items
- U. Waivers. County also reserves the right to waive inconsequential deviations not involving price, time, or changes in the Work.

END OF DOCUMENT 00 21 13

DOCUMENT 002219

– LOCAL HIRING FOR PUBLIC WORKS CONTRACTS

- 1.1 The purpose of this section is to encourage contractors who receive County public works contracts to hire residents of Lake County.
- 1.2 Definitions.
- A. *Awarding Authority* means those individuals authorized to approve a contract or purchase order in accordance with the limitations established in this section.
 - B. *Contractor* means any legally qualified person or entity, which, pursuant to a written agreement or purchase order, provides labor on public projects for the County.
 - C. *Days* means calendar days unless otherwise specified.
 - D. *Public project* means a project of public works improvement which is let by contract pursuant to provisions of 22032 et seq. of the Public Contract Code.
 - E. *Construction labor force* means those persons who are performing their work on the actual site of the public project.
 - F. *Resident of Lake County* means an individual domiciled within the boundaries of Lake County at the time immediately preceding the advertisement of the bid for a project, who can verify him or her domicile upon request of the contractor or County by producing documentation such as a rent/lease agreement, telephone and utility bills, a valid California driver's license or identification card, or other similar reliable evidence that verifies that the individual is domiciled in Lake County.
 - G. *Qualified local person* means a resident of Lake County who is specially trained, skilled, experienced and licensed (if required) in the work, trade, or craft specified for the portion of the public work of improvement to be performed.
 - H. *Local workforce* means qualified local persons who are working on the construction labor force.
- 1.3 Local Hiring Goals—Local Workforce Participation Discount.
- A. Unless such provision would conflict with a state or federal law or regulation applicable to a particular contract for a public works project, all County contracts for public works projects shall provide that a discount, as specified hereinafter, shall be applied to any contractor's bid which voluntarily meets the County's local workforce participation goals as provided hereinbelow:
 - 1. Bid solicitations for public projects which include a certification of thirty (30) percent local workforce participation of contractor's total construction labor force, including any subcontractor workforce, measured in contract labor hours to be expended on a public project shall receive five (5) percent bid discount.
 - 2. Bid solicitations for public projects which include a certification of twenty-five (25) percent local workforce participation of contractor's total construction labor force,

County of Lake

- including any subcontractor workforce, measured in contract labor hours to be expended on a public project shall receive four (4) percent bid discount.
3. Bid solicitations for public projects which include a certification of twenty (20) percent local workforce participation of contractor's total construction labor force, including any subcontractor workforce, measured in contract labor hours to be expended on a public project shall receive three (3) percent bid discount.
 4. Bid solicitations for public projects which include a certification of fifteen (15) percent local workforce participation of contractor's total construction labor force, including any subcontractor workforce, measured in contract labor hours to be expended on a public project shall receive two (2) percent bid discount.
 5. Bid solicitations for public projects which include a certification of ten (10) percent local workforce participation of contractor's total construction labor force, including any subcontractor workforce, measured in contract labor hours to be expended on a public project shall receive one (1) percent bid discount.
 6. Notwithstanding the foregoing bid discounts, in no instances shall the total dollar amount of any said bid discount exceed fifty thousand dollars (\$50,000.00).
- B. For the purpose of calculating whether a contractor's construction labor force is comprised of qualified local persons, such persons whose primary residence or business address is outside of California shall not be included in the calculation.
- C. Discounts are solely a means to establish to whom the bid is awarded and shall not impact the bid or contract amount.
- D. Contractor shall retain ultimate discretion to hire, discharge or reject its employees and subcontractors.

1.4 Required Documentation

- A. During the performance of the contract, the contractor shall keep and provide to the Awarding Authority, an accurate and certifiable record on a standardized form(s) acceptable by the County, an accurate and certifiable record that shows the name, residence address, trade classification, hours employed, per diem wages and benefits of each person employed by the contractor and the contractor's subcontractors, on the specific public project, including full-time, part-time, apprentices, permanent and temporary employees. All such records must have an original signature and be signed by an authorized officer of the company under penalty of perjury. Contractor shall make contractor's and subcontractor's records available to the County, upon request, within five (5) working days.

1.5 Bid Requirements.

- A. Certification of Voluntary Local Workforce Participation. Every bidder who wishes to obtain a local workforce discount off the bid price must complete and sign under penalty of perjury a Certification of Voluntary Local Workforce Participation, Form 00 45 50 which must be submitted no later than the time bids are due.
- B. Prior to submitting a bid, bidder shall ensure that any and all subcontractors listed in its bid are not currently debarred nor have been declared an Irresponsible Bidder pursuant to County Code [Section 2-44](#) within the last twelve (12) months. Prospective contractors may consult the list, available from the Purchasing Agent, of contractors and subcontractors, if any, who are currently disqualified.

County of Lake

1.6 Nonresponsive Bids

- A. The Awarding Authority may declare a bid to be nonresponsive under the provisions of this article for good cause including, but not limited to, the following circumstances:
1. If a bidder or a subcontractor listed by the bidder is currently debarred or has been declared an Irresponsible Bidder pursuant to [Section 2-44](#) of the County Code within the last twelve (12) months.
 2. If a bidder claims to be eligible for a local workforce discount but fails to provide Certification of same at the time of submission of his/her bid package.

1.7 Rescinding Bid Award

- A. Subsequent to bid award but prior to contract approval by the Awarding Authority, the County may rescind the bid award if upon investigation, it determines that reasonable evidence exists to indicate a contractor whose bid was discounted as a result of a Certification of Voluntary Local Workforce Participation will fail to perform the contract in accordance with that Certification. Any such determination shall be made only after consultation with the County Administrative Officer or his/her designee and shall result in issuance of written findings which may include a declaration of irresponsibility and may disqualify the contractor from bidding or being listed in any bid on any County contract for a public project or a reasonable period, provided however, that the contractor may appeal the determination to the Board of Supervisors

1.8 Use of Apprentices

- A. A contractor's use of Lake County residents as apprentices on a County public works project in accordance with Section 17 77 .5 of the California Labor Code may be included in the calculation to determine eligibility for a local work force discount but may not exceed the ratios provided in Section 17 77 .5.
- B. Prior to commencement of work the prime contractor shall submit a plan acceptable to the Awarding Authority which outlines how the apprenticeship requirements will be met by all contractors working on the project.
- C. At any time during the term of the contract and for a period of thirty (30) days thereafter, the prime contractor shall, within five (5) days of request by the Awarding Authority, provide evidence of compliance with Section 17 77 .5.

1.9 Reduction of Certified Local Workforce Participation

- A. The Awarding Authority reserves the right to reduce the contractor's certified local workforce participation during construction period when the Awarding Authority determines there is high impracticality of complying therewith for particular subcontracts. High impracticality may be evidenced by serious unforeseen circumstances, new government regulations, national or natural disasters and other events that the Awarding Authority may reasonably determine.

END OF DOCUMENT 00 22 19

SECTION 00 41 13

PART 1 -

BID FORM - STIPULATED SUM (SINGLE-PRIME CONTRACT)

1.1 BID INFORMATION

- A. Bidder: _____
- B. Project Name: Hammond Park Improvements
- C. Project Location: 6935 Hammond Avenue, Nice, CA 95464
- D. Owner: County of Lake
- E. Owner Project Number: 251072

1.2 CERTIFICATIONS AND BASE BID

- A. Base Bid, Single-Prime (All Trades) Contract: The undersigned Bidder, having carefully examined the Procurement and Contracting Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, as prepared by Owner, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, including all scheduled allowances, necessary to complete the construction of the above-named project, according to the requirements of the Procurement and Contracting Documents, for the stipulated sum of:

_____ Dollars (\$ _____)
--

1.3 BID GUARANTEE

- A. The undersigned Bidder agrees to execute a contract for this Work in the above amount and to furnish surety as specified within Seven (7) days after a written Notice of Award and on failure to do so agrees to forfeit to Owner the attached cash, cashier's check, certified check, U.S. money order, or bid bond, as liquidated damages for such failure, in the following amount constituting five percent (5%) of the Base Bid amount above:

BID FORM - STIPULATED SUM
(SINGLE-PRIME CONTRACT)

_____ Dollars
(\$_____).

1.4 TIME OF COMPLETION

- A. The undersigned Bidder proposes and agrees hereby to commence the Work of the Contract Documents on a date specified in a written Notice to Proceed to be issued by Owner, and shall fully complete the Work within Ninety (90) calendar days.

1.5 ACKNOWLEDGMENT OF ADDENDA

- A. The undersigned Bidder acknowledges receipt of and use of the following Addenda in the preparation of this Bid:

1. Addendum No. 1, dated _____.
2. Addendum No. 2, dated _____.
3. Addendum No. 3, dated _____.

1.6 CONTRACTOR'S LICENSE

- A. The undersigned further states that it is a duly licensed contractor, for the type of work proposed, in California, and that all fees, permits, etc., pursuant to submitting this proposal have been paid in full.

1.7 SUBMISSION OF BID

- A. Respectfully submitted this ____ day of _____, 2025
- B. Submitted By: _____ (Name of bidding firm or corporation)
- C. Authorized Signature: _____ (Handwritten signature)
- D. Signed By: _____ (Type or print name)
- E. Title: _____ (Owner/Partner/President/Vice President)
- F. Witnessed By: _____ (Handwritten signature)
- G. By: _____ (Type or print name)
- H. Title: _____ (Corporate Secretary or Assistant Secretary)
- I. Street Address: _____
- J. City, State, Zip: _____
- K. Phone: _____
- L. License No.: _____

Hammond Park Improvements

April 23, 2025

County of Lake

M. Federal ID No.: _____ (Affix Corporate Seal Here)

END OF DOCUMENT 00 41 13

BID FORM - STIPULATED SUM
(SINGLE-PRIME CONTRACT)

00 41 13 - 3/3

BIDDER'S BOND

KNOW ALL MEN BY THESE PRESENTS, THAT WE _____

_____ as Principal,

and _____, as surety,

are held and firmly bound unto the County of Lake in the penal sum of five percent (5%) of the total amount of the bid of the Principal above named, submitted by said Principal to the County of Lake for the work described below, for the payment of which sum in lawful money of the United States, well and truly to be made, to the County of Lake to which said bid was submitted, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents. In no case shall the liability of the surety hereunder exceed the sum of \$ _____.

The condition of this obligation is such that, whereas the Principal has submitted the above-mentioned bid to the County of Lake, as aforesaid, for certain construction specifically described as follows, for which bids are to be opened at Lakeport, California, for the Hammond Park Improvements Project, Bid No. 251072.

NOW, THEREFORE, if the aforesaid Principal is awarded the contract and, within the time and manner required under the specifications, after the prescribed forms are presented to him for signature, enters into a written contract, in the prescribed form, in accordance with the bid, and files two bonds with the County of Lake, one to guarantee faithful performance and the other to guarantee payment for labor and materials, as required by law, then this obligation shall be null and void; otherwise, it shall be and remain in full force and effect.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this _____ day of _____, A.D. 2025.

_____(Seal)

_____(Seal)

_____(Seal)

PRINCIPAL

_____(Seal)

_____(Seal)

SURETY

ADDRESS _____

END OF DOCUMENT 00 43 13

PREVAILING WAGE AND
RELATED LABOR REQUIREMENTS CERTIFICATION

PROJECT/CONTRACT NO.: 251072 between the County of Lake, California, (the "County")
and _____ (the "Contractor")

I hereby certify that I will conform to the State of California Public Works Contract requirements regarding prevailing wages, benefits, on-site audits with 48-hours' notice, payroll records, and apprentice and trainee employment requirements, for all Work on the Project including, without limitation, the requirement that Contractor and all of its Subcontractors are registered pursuant to Labor Code section 1771, et seq.

Date: _____

Proper Name of Contractor: _____
/ Subcontractor

Signature: _____

Print Name: _____

Title: _____

THIS FORM MUST BE COMPLETED BY THE CONTRACTOR AND ALL SUBCONTRACTORS

END OF DOCUMENT

LIST OF SUBCONTRACTORS

The bidder certifies that:

- A. ☐ I **do not** intend to subcontract any work on this project.
- B. ☐ I **do** intend to subcontract portions of the work on this project.

NOTE: The bidder shall check box A or box B. If the bidder does not check a box, it will be deemed that he has checked box A.

If awarded the Contract, the bidder proposes to employ the following subcontractors who will perform work or labor or render service, to the bidder in or about the work in an amount in excess of one-half of one percent (0.5%) of the total amount of bidder's proposal or \$10,000, whichever is greater. Listing of subcontractors is mandatory under Sections 4100-4108 of the Public Contract Code. If no subcontract work is proposed, except within the one-half of one percent (0.5%) or \$10,000 limit set forth, the bidder shall so state.

Name of Sub Contractor	Address of Sub Contractor	Subcontractor License No.	Subcontractor DIR No.	Phone #	Description of work that Subcontractor will provide

DOCUMENT 00 43 93

PART 1 -

BID SUBMITTAL CHECKLIST

1.1 BID INFORMATION

- A. Bidder: _____
- B. Prime Contract: _____
- C. Project Name: Hammond Park Improvements
- D. Project Location: 6935 Hammond Avenue, Nice CA 95464
- E. Owner: County of Lake
- F. Owner Project Number: 251072

1.2

BIDDER'S CHECKLIST

- A. In an effort to assist the Bidder in properly completing all documentation required, the following checklist is provided for the Bidder's convenience. The Bidder is solely responsible for verifying compliance with bid submittal requirements.
- B. Attach this completed checklist to the outside of the Submittal envelope.
 - 1. Bid Form
 - 2. Bid Bond
 - 3. Power-of-Attorney (if required)
 - 4. Addenda Acknowledged
 - 5. Subcontractor List
 - 6. Contractor's License Number and Class Provided
 - 7. Noncollusion Affidavit
 - 8. Voluntary Local Workforce Participation Certification (if applicable)
 - 9. Construction Bid Worksheet (Appendix A)

END OF DOCUMENT 00 43 93

SECTION 00 45 13

PART 1 -

NONCOLLUSION AFFIDAVIT

**NONCOLLUSION AFFIDAVIT
(TO BE EXECUTED BY BIDDER AND SUBMITTED WITH
BID)**

STATE OF CALIFORNIA

COUNTY OF _____ }

_____, being first duly sworn, deposes and says that he or she is _____ 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.

Name of Contractor

Bidder (Affiant)

Subscribed and sworn to before me this _____ day of _____, 2025_____

My commission expires:

Notary Public

SECTION 00 45 14

**PUBLIC CONTRACT CODE CERTIFICATIONS
(TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID)**

1.1 The undersigned (authorized official signing for the bidder) hereby declares under penalty of perjury the following: 1 In accordance with section 6109 of the Public Contract Code, the Bidder certifies that neither the Bidder nor any subcontractor included on the list of proposed subcontractors submitted with the Bid is ineligible to perform work on public works projects pursuant to Labor Code sections 1777.1 or 1777.7. Contractors and subcontractors who are ineligible to perform work on public works projects pursuant to Labor Code sections 1777.1 or 1777.7 may neither bid on, be awarded or perform as a subcontractor on public works projects. The bidder declares that bidder will not enter into any contract with a subcontractor who/which has been debarred pursuant to section 17 71 .1 or section 17 77 .7 of the Labor Code. No public monies shall be paid to a debarred subcontractor, and any contract entered into for public work between a prime contractor and debarred subcontractor shall be considered void as a matter of law. Any payments made to a debarred subcontractor shall be returned to the County. The prime contractor shall be solely responsible for all payments to a debarred subcontractor. In no case shall any public money be used to pay a debarred subcontractor.

1.2 In accordance with section 10162 of the Public Contract Code, has the bidder, any officer of the bidder, or any employee of the bidder who has a proprietary interest in the bidder, ever been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local government project because of a violation of law or a safety regulation?

YES _____ NO _____

If the answer is yes, explain the circumstances in the following space (use additional sheets if necessary).

1.3 In accordance with section 10232 of the Public Contract Code, has more than one final, unappealable finding of contempt of court by a federal court has been issued against the bidder within the immediately preceding two-year period because of the bidder's failure to comply with an order of a federal court which orders the bidder to comply with an order of the National Labor Relations Board? For purposes of this section, a finding of contempt does not include any finding which has been vacated, dismissed, or otherwise removed by the court because the contractor has complied with the order which was the basis for the finding.

YES _____ NO _____

1.4 In accordance with section 10 28 5.1 of the Public Contract Code, the bidder declares that neither the bidder nor any subcontractor to be engaged by the bidder has been convicted of any of the offenses referred to in this section within the preceding three years. These offences include if that bidder or any subcontractor to be engaged by the bidder, or any partner, member, officer, director, responsible managing officer, or responsible managing employee thereof, has been convicted by a court of competent jurisdiction of any charge of fraud, bribery, false claims, collusion, conspiracy, or any other act in violation of any state or federal antitrust law in connection with the bidding upon, award of, or performance of, any public works contract, as defined in Section 1101, with any state or federal public entity, as defined in Section 1100, including, for the purposes of this article, the Regents of the University of California or the Trustees of the California State University.

By my signature I certify, under penalty of perjury under the laws of the State of California, that the foregoing questionnaire and statements are true and correct, and that this declaration is executed on this _____ day of _____, 2025, at _____.

Bidder's Signature: _____

END OF SECTION 00 45 14

SECTION 00 45 26

PART 1 -

WORKERS COMPENSATION CERTIFICATION

PROJECT/CONTRACT NO.: 251072

Hammond Park Improvements Contract between County of Lake (the "County" or the "Owner") and _____ (the "Contractor" or the "Bidder") (the "Contract" or the "Project")

Labor Code section 3700 in relevant part provides:

Every employer except the State shall secure the payment of compensation in one or more of the following ways:

1. By being insured against liability to pay compensation by one or more insurers duly authorized to write compensation insurance in this state.
2. By securing from the Director of Industrial Relations a certificate of consent to self-insure, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his employees.

I am aware of the provisions of section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the Work of this Contract.

Date:

Proper Name of Contractor:

Signature:

Print Name:

Title:

(In accordance with Article 5 - commencing at section 1860, chapter 1, part 7, division 2 of the Labor Code, the above certificate must be signed and filed with the awarding body prior to performing any Work under this Contract.)

END OF SECTION 00 45 26

Hammond Park Improvements
County of Lake

SECTION 00 45 50

PART 1 -

VOLUNTARY LOCAL WORKFORCE PARTICIPATION CERTIFICATION

CONTRACTOR'S CERTIFICATION OF VOLUNTARY LOCAL WORKFORCE PARTICIPATION

(Lake County Purchasing Code section 2-54)

Prior to certifying this form, bidders are encouraged to read Section 2-54 of Article X of the Lake County Code, of copy of which can be procured at the following website link:

https://library.municode.com/ca/lake_county/codes/code_of_ordinances?nodeId=COOR_CH2AD_ARTXPU

Section 2-54 which provides in relevant part:

(A) **General Provisions:** Every bidder who wishes to obtain a local workforce discount off the bid price must complete and sign under penalty of perjury a **Certification of Voluntary Local Workforce Participation** which shall be provided in the County's bid package and which must be submitted no later than the time bids are due.

(B) **Application:** A discount, as specified hereinbelow shall be applied to any contractor's bid which voluntarily agrees to meet the County's local workforce participation goals as provided hereinafter. Contractors must indicate the local workforce participation percentage which they are agreeing to provide:

CHECK ONE BOX:

- ☐ 1) Certification of 30% local workforce participation of Contractor's total construction labor force, including any subcontractor workforce, measured in contract labor hours to be expended on a public project shall receive 5% bid discount.
- ☐ 2) Certification of 25% local workforce participation of Contractor's total construction labor force, including any subcontractor workforce, measured in contract labor hours to be expended on a public project shall receive 4% bid discount.
- ☐ 3) Certification of 20% local workforce participation of Contractor's total construction labor force, including any subcontractor workforce, measured in contract labor hours to be expended on a public project shall receive 3% bid discount.
- ☐ 4) Certification of 15% local workforce participation of Contractor's total construction labor force, including any subcontractor workforce, measured in contract labor hours to be expended on a public project shall receive 2% bid discount.
- ☐ 5) Certification of 10% local workforce participation of Contractor's total construction labor force, including any subcontractor workforce, measured in contract labor hours to be expended on a public project shall receive 1% bid discount.

Notwithstanding the foregoing bid discounts, in no instances shall the total dollar amount of any said bid discount exceed fifty thousand dollars (\$50,000).

For the purpose of calculating whether a contractor's construction labor force is comprised of qualified local persons, individuals whose primary residence or business address is outside of California shall not be included in the calculation.

VOLUNTARY LOCAL WORKFORCE PARTICIPATION CERTIFICATION

Hammond Park Improvements

County of Lake

(C) Definitions:

- 1) **Local Workforce** qualified local persons who are working on the construction labor force.
- 2) **Qualified Local Person** means a verifiable resident of Lake County who is specially trained, skilled, experienced and licensed (if required) in the work, trade, or craft specified for the portion of the public work to be performed.
- 3) **Construction Labor Force** means those persons who are working on the actual site of the public project.

(D) **Required Documentation:** During the performance of the contract, the contractor shall keep and provide to the Awarding Authority, an accurate and certifiable record on a standardized form(s) acceptable by the County, an accurate and certifiable record that shows the name, residence address, trade classification, hours employed, per diem wages and benefits of each person employed by the contractor and the contractor's subcontractors, on the specific public project, including full-time, part-time, apprentices, permanent and temporary employees. All such records must have an original signature and be signed by an authorized officer of the company under penalty of perjury. Contractor shall make contractor's and subcontractor's records available to the County, upon request, within five working days.

(E) **Irresponsible Bidder:** Pursuant to Section 2-44 of the Lake County Code, the County may declare the bidder to be irresponsible and may debar the bidder from bidding or being listed in any bid on future County contract for public projects if the bidder is found to have violated, or attempted to violate the terms of a bid or contract terms.

I understand that this Certification shall be made a part of any resulting contract with the County. Notwithstanding that understanding, I do hereby CERTIFY that I am familiar with the provisions of Lake County Code section 2-54 and that on the public project at issue, I will hire a local workforce in accordance with the selection that I have indicated above.

I declare under penalty of perjury under the laws of the State of California that, the foregoing certification is true and correct:

Executed on (date)_____ **at (city/state):** _____

Print/type Bidder's Business Name

Signature: _____

Print Name /Title: _____

END OF SECTION 00 45 50

VOLUNTARY LOCAL WORKFORCE PARTICIPATION CERTIFICATION

April 23, 2025

DOCUMENT 00 51 13

PART 1 -

NOTICE OF INTENT TO AWARD

NOTICE OF INTENT TO AWARD

SUBJECT: INTENT TO AWARD A CONTRACT FOR PROJECT NO. 251072

Thank you for your participation and interest in this project with the County of Lake.

Based on its evaluation and acceptance of the bids submitted, staff will be recommending to its Board of Supervisors that the contract for **Bid Number 251072** be awarded to _____. Staff's recommendation to accept and award a contract should go before the Board on Tuesday _____. Upon Board approval a draft contract will be submitted to the awardee for review. A signed contract will be issued along with an Agreement Form and Notice to Proceed.

Below is a summary of all bids/proposals received for this project.

1. _____
2. _____
3. _____
4. _____

Please refer to Document 00 21 13 - Instructions to Bidders for submittal requirements.

For information on other contracting opportunities please visit our websites at
<http://www.lakecountycal.gov/Business/WithCounty.htm>

The County of Lake

BY:

NAME:

TITLE:

END OF DOCUMENT

SECTION 00 60 01

PART 1 -

SAMPLE AGREEMENT

THIS AGREEMENT, made this _____ day of _____, 2025, by and between the COUNTY OF LAKE, hereinafter called "OWNER" and _____ doing business as _____, (an individual), (a partnership) or (a corporation) hereinafter called "CONTRACTOR".

WITNESSETH: That for and in consideration of the payments and agreements hereinafter mentioned:

(1) The CONTRACTOR will commence and complete the Hammond Park Improvements Project, Bid No. 251072.

(2) The CONTRACTOR will furnish all of the material, supplies, tools, equipment, labor and other services necessary for the construction and completion of the PROJECT described herein.

(3) The CONTRACTOR will commence the work required by the CONTRACT DOCUMENTS within the time period required by the CONTRACT DOCUMENTS after the date of the NOTICE TO PROCEED and will complete the same within the time period required by the CONTRACT DOCUMENTS unless the period for completion is extended otherwise by the CONTRACT DOCUMENTS.

(4) The CONTRACTOR agrees to perform all of the WORK described in the CONTRACT DOCUMENTS and comply with the terms therein for the sum of \$ _____, as shown in the Contractors BID.

(5) The term "CONTRACT DOCUMENTS" means and includes the following:

- (A) PROJECT MANUAL
- (B) ADVERTISEMENT FOR BIDS
- (C) BIDDERS' CHECKLIST
- (D) BID
- (E) LIST OF SUBCONTRACTORS
- (F) BID BOND
- (G) AGREEMENT
- (H) PAYMENT BOND
- (I) PERFORMANCE BOND
- (J) CHANGE ORDERS
- (K) ADDENDA:

No. _____, dated _____,

No. _____, dated _____,

(6) The OWNER will pay to the CONTRACTOR in the manner and at such times as set forth in the General Conditions such amounts as required by the CONTRACT DOCUMENTS.

(7) This Agreement shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement on the date first above written.

ATTEST: Susan R. Parker
Clerk of the Board

COUNTY OF LAKE

By: _____

By: _____
Chair, Board of Supervisors

APPROVED AS TO FORM:
Lloyd Guintivano
County Counsel

By: _____

CONTRACTOR

By: _____

Name: _____

Title: _____

Mailing Address: _____

END OF SECTION 00 60 01

SECTION 00 60 02

PART 1 -

SAMPLE PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: that

(Name of Contractor)

(Address of Contractor)

a _____, hereinafter called PRINCIPAL, and
(Corporation, Partnership or Individual)

(Name of Surety)

(Address of Surety)

hereinafter called SURETY, are held and firmly bound unto the COUNTY OF LAKE, 255 North Forbes Street, Lakeport, CA 95453, hereinafter called OWNER, in the penal sum of

_____ Dollars (\$ _____), in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION is such that whereas, the PRINCIPAL entered into a certain contract with the OWNER, dated the _____ day of _____, 2025, a copy of which is hereto attached and made a part hereof for the Hammond Park Improvements Project, Bid No. 251072.

NOW, THEREFORE, if the PRINCIPAL shall well, truly and faithfully perform its duties, all the undertakings, covenants, terms, conditions, and agreements of said Contract during the original term thereof, and any extensions thereof which may be granted by the Owner, with or without notice to the SURETY and during the one year guaranty period, and if he shall satisfy all claims and demands incurred under such Contract, and shall fully indemnify and save harmless the OWNER from all costs and damages which it may suffer by reason of failure to do so, and shall reimburse and repay the OWNER all outlay and expense which the OWNER may incur in making good any default, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said SURETY for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the WORK to be performed thereunder or the SPECIFICATIONS accompanying the same shall in any wise affect its obligation on this BOND, and it does

Hammond Park Improvements
County of Lake

April 23, 2025

hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the WORK or to the SPECIFICATIONS.

PROVIDED, FURTHER, that no final settlement between the OWNER and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed this _____ day of _____, 2025.

APPROVED AS TO FORM:
Lloyd Guintivano
County Counsel

SURETY

CONTRACTOR

By: _____

NOTE: Date of BOND must not be prior to date of Contract.
If CONTRACTOR is Partnership, all partners should execute BOND.

IMPORTANT: Surety companies executing BONDS must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the State where the PROJECT is located.

END OF SECTION 00 60 02

SECTION 00 60 03

PART 1 -

SAMPLE PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS: that

(Name of Contractor)

(Address of Contractor)

a _____, hereinafter called PRINCIPAL, and
(Corporation, Partnership or Individual)

(Name of Surety)

(Address of Surety)

hereinafter called SURETY, are held and firmly bound unto the COUNTY OF LAKE, 255 North Forbes Street, Lakeport, CA 95453, hereinafter called OWNER, in the penal sum of _____

_____ Dollars (\$ _____), in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION is such that whereas, the PRINCIPAL entered into a certain contract with the OWNER, dated the _____ day of _____, 2025, a copy of which is hereto attached and made a part hereof for the Hammond Park Improvements Project, Bid No. 251072.

NOW, THEREFORE, if the PRINCIPAL shall promptly make payment to all persons, firms, SUBCONTRACTORS, and corporations furnishing materials for or performing labor in the prosecution of the WORK provided for in such contract, and any authorized extension or modification thereof, including all amounts due for materials, lubricants, oil, gasoline, coal and coke, repairs on machinery, equipment and tools, consumed or used in connection with the construction of such WORK, and all insurance premiums on said WORK, and for all labor, performed in such WORK, whether by SUBCONTRACTOR or otherwise, then this obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, FURTHER, that the said SURETY for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the WORK to be performed thereunder or the SPECIFICATIONS accompanying the same shall in any wise affect its obligation on this BOND, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the WORK or to the SPECIFICATIONS.

Hammond Park Improvements
County of Lake

April 23, 2025

PROVIDED, FURTHER, that no final settlement between the OWNER and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed this _____ day of _____, 2025.

APPROVED AS TO FORM:
Lloyd Guintivano
County Counsel

SURETY

CONTRACTOR

By: _____

NOTE: Date of BOND must not be prior to date of Contract.
If CONTRACTOR is Partnership, all partners should execute BOND.
IMPORTANT: Surety companies executing BONDS must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the State where the PROJECT is located.

END OF SECTION 00 60 03

County of Lake

**GENERAL
CONDITIONS**

GENERAL CONDITIONS

1. DEFINITIONS

- 1.1 Wherever used in the Contract Documents, the following terms shall have the meanings indicated which shall be applicable to both the singular and plural thereof:
- 1.2 **ADDENDA** -- Written or graphic instruments issued prior to the execution of the Agreement which modify or interpret the Contract Documents, Drawings, and Specifications, by additions, deletions, clarifications or corrections.
- 1.3 **AS APPROVED** -- The words "as approved", unless otherwise qualified, shall be understood to be followed by the words "by the Engineer".
- 1.4 **AS SHOWN, AS INDICATED, AS DETAILED** -- These words, and words of like implication, refer to information contained in the drawings describing the work, unless explicitly stated otherwise in other Contract Documents.
- 1.5 **BID** -- The offer or proposal of the Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.
- 1.6 **BIDDER** -- Any individual, company, corporation, partnership, or joint venture who submits a Bid for the Work as distinct from a sub-bidder who submits a bid to a Bidder. "Lowest Responsive and Responsible Bidder" are as defined in California Public Contracts Code.
- 1.7 **BIDDING DOCUMENTS** -- The Invitation to Bid, Instructions to Bidders, Sample Forms, Proposal, all conditions of the Contract, Specifications, Drawings and Addenda issued prior to receipt of Bids by Owner.
- 1.8 **BONDS** -- Bid, Performance, and Payment Bonds and other instruments of security, furnished by the Contractor and his surety in accordance with the Contract Documents.
- 1.9 **CHANGE ORDER** -- A written order to the Contractor authorizing an addition, deletion or revision in the Work within the general scope of the Contract Documents, or authorizing an adjustment in the Contract Price or Contract Time.
- 1.10 **THE CONTRACT** -- The Contract is the sum of all the Contract Documents. This Contract represents the entire and integrated agreement between the Owner and the Contractor and supersedes all prior negotiations, representations or agreements, either written or oral. The Contract may be amended or modified only by (1) a written amendment to the Contract signed by the Owner and the Contractor, (2) a Change Order, (3) a written interpretation or clarification issued by the Engineer, or (4) a written order issued by the Engineer.
- 1.11 **CONTRACT DOCUMENTS** -- The Contract Documents consist of the Owner-Contractor Agreement, the Conditions of the Contract (General and Supplementary), the Drawings, the Specifications, and all Addenda issued prior to execution of the Contract, written amendments to the Contract signed by the Owner and the Contractor, Change Orders, written interpretations or clarifications issued by the Engineer or a written order issued by the Engineer, the Bidding Documents, such as the Advertisement or Invitation to Bid and the Instructions to Bidders, and the Contractor's Bid. Whenever the composite term "Plans and Specifications" is used, it shall be understood to mean the Contract Documents as defined herein. Further clarification of Contract Documents is outlined in the Contract between Owner and Contractor.
- 1.12 **CONTRACT PRICE** -- The total monies payable to the Contractor under the terms and conditions of the Contract Documents.
- 1.13 **CONTRACT TIME** -- The number of calendar or working days stated in the Contract Documents for the completion of the Work.

- 1.14 **CONTRACTOR** -- The person, firm or corporation with whom the COUNTY has executed the Agreement.
- 1.15 **CONTRACT DRAWINGS** -- "Contract Drawings" or "drawings" means and includes (a) all drawings which have been prepared on behalf of the Owner and which are included in the Contract Documents and all modifying drawings issued by addenda thereto; (b) all drawings submitted pursuant to the terms of the Contract by the Contractor with his proposal and by the Contractor to the Owner during the progress of the Work when accepted by the Engineer.
- Except where a specific type of drawing is indicated, the terms "Drawings" and "Plans" are used interchangeably throughout the Contract Documents, and the Plans are Drawings as defined above.
- 1.16 **DAYS** -- Unless otherwise specifically stated, the term "days" shall be understood to mean "calendar days".
- 1.17 **DIRECTED, REQUIRED, ACCEPTABLE** -- When these words refer to the Work of its performance, "directed," "required," "permitted," "ordered," "designated," or "prescribed," and words of like implication, mean "by direction of," "permission of," "order of," "designation of," or "prescription of" the Engineer. Likewise, "acceptable", "satisfactory", "in the judgment of", and words of like import, mean "recommended by", "acceptable to", "satisfactory to", or "in the judgment of" the Engineer.
- 1.18 **ENGINEER** -- Wherever in these documents the word "Engineer" appears, it shall be understood to mean County of Lake, Director of Public Works, or his authorized agent. The authorized agent maybe an employee so designated by the Department of Public Works, or the Engineer and/or his consultants as defined in these documents. The Engineer will have final authority as regards contract administration, field inspection and related items.
- 1.19 **FIELD ORDER** -- A written order effecting a change in the Work not involving an adjustment in the Contract Price or an extension of the Contract Time, issued by the Engineer to the Contractor during construction.
- 1.20 **INSTALL** -- "Install", wherever and in whatever manner used, shall mean the installation complete in place of an item. A complete installation shall also mean to provide all materials/equipment/utility services, etc. for a fully functional or operable installation to meet the requirements of use of equipment, devices, and materials in this work.
- 1.21 **MANUFACTURER** -- An individual, company, or a corporation who manufactures, fabricates, or assembles a standard product. A standard product is one that is not made to special design, and is furnished by either direct sale or by Contract to the Contractor, Subcontractor or Vendor.
- 1.22 **MATERIAL SUPPLIER OR VENDOR** -- A person or organization who supplies, but who is not responsible for the installation of, materials, products and equipment of a standard nature that are not specifically fabricated for this particular Contract.
- 1.23 **NOTICE OF AWARD** -- The written notice of the acceptance of the Bid from the Owner to the successful Bidder.
- 1.24 **NOTICE TO PROCEED** -- Written communication issued by the Owner to the Contractor authorizing him to proceed with the Work and establishing the date of commencement of the Work.
- 1.25 **OR EQUAL** -- The terms "or equal" or "approved equal" shall be understood to indicate that the "equal" product be the same or better than the product named in function, performance, reliability, quality, and general configuration. Determination of equality in reference to the project design requirements will be made by the Engineer.
- 1.26 **OWNER** -- Wherever in these documents the word "Owner" appears, it shall be understood to mean County of Lake.
- 1.27 **PRODUCT** -- The term "product" includes materials, systems and equipment.

- 1.28 PROJECT -- The undertaking to be performed as provided in the Contract Documents.
- 1.29 PROJECT MANUAL -- The Project Manual includes the Bidding Requirements, all conditions of the Contract and the Specifications.
- 1.30 PROPOSAL -- A complete and properly signed document whereby a Bidder proposes to do the Work or designated portion thereof for the sums stipulated therein, supported by data called for by the bidding requirements.
- 1.31 PROVIDE -- "Provide", wherever and in whatever manner used, shall be understood to mean provide complete in place, that is, furnish and install.
- 1.32 RESIDENT PROJECT REPRESENTATIVE -- The authorized representative of the Owner who is assigned to the Project site or any part thereof.
- 1.33 SERVICE OF NOTICES -- Any notice, order, direction, request or other communication given by the Owner to the Contractor under the Contract shall be deemed to be well and sufficiently given to the Contractor if left at any office used by the Contractor, or delivered to any of his officers, clerks or servants, or posted on the site of the work, or mailed in any post office, addressed to the Contractor at the address mentioned in the Contract, or at the Contractor's last known place of business, and if mailed, shall be deemed to have been given to and received by the Contractor a day after the day of mailing in any post office in the vicinity of the work. All written Notices to Owner shall be per Paragraph 1.45.
- 1.34 SHALL OR WILL -- "Shall", or "Will", whenever used to stipulate anything, means shall or will be done or be performed by either the Contractor or the Owner and means that the Contractor or the Owner has thereby entered into a covenant with the other party to do or perform the same.
- 1.35 SHOP DRAWINGS -- All drawings, diagrams, illustrations, brochures, schedules and other data which are prepared by the Contractor, a subcontractor, manufacturer, supplier or distributor, which illustrate how specific portions of the Work shall be fabricated or installed.
- 1.36 SHOWN -- "Shown", "indicated", "detailed", and words of like import, wherever and in whatever manner used, with or without reference to the drawings, means shown, indicated or detailed on the drawings or plans.
- 1.37 SPECIFICATIONS: Descriptions, provisions and requirements, pertaining to method and manner of performing work, or to quantities and qualities of materials to be furnished under terms of the Contract.
- 1.38 SPECIFIED -- "Specified", "described", or "noted", wherever and in whatever manner used, means as specified, described or noted in the Contract Documents.
- 1.39 SUBCONTRACTOR -- An individual, firm or corporation having a direct contract with the Contractor or with any other subcontractor for the performance of a part of the Work at the site.
- 1.40 SUBSTANTIAL COMPLETION -- That date as certified by the Engineer when the construction of the Project or a specified part thereof is sufficiently completed, in accordance with the Contract Documents, so that the Project or specified part can be utilized for the purposes for which it is intended.

The Engineer may, at his sole discretion, issue a written notice of substantial completion for the purpose of establishing the starting date for specific equipment guarantees, and to establish the date that the Owner will assume the responsibility for the cost of operating such equipment. Said notice shall not be considered as final acceptance of any portion of the work or relieve the Contractor from completing the remaining work within the specified time and in full compliance with the Contract Documents.

- 1.41 SUFFICIENT -- "Sufficient", "necessary", or "proper", "acceptable", "satisfactory", "desirable", and words of like import, wherever and whatever manner used, with or without reference to the Engineer, means sufficient,

necessary, proper, acceptable, satisfactory and desirable in the judgment of the Engineer.

- 1.42 **SUPPLEMENTARY CONDITIONS** -- Modifications to General Conditions required by a Federal Agency for participation in the PROJECT and approved by the Agency in writing prior to inclusion in the Contract Documents, or such requirements that may be imposed by applicable State laws or local protocols.
- References to "Supplemental General Conditions" in the General Conditions and elsewhere in the Contract Documents shall be construed to read "Supplementary Conditions".
- 1.43 **SUPPLIER** -- Any person or organization who supplies materials or equipment for the Work, including that fabricated to a special design, but who does not perform labor at the site.
- 1.44 **WORK** -- The Work comprises the completed construction required by the Contract Documents and includes all labor necessary to produce such construction, and all materials and equipment incorporated or to be incorporated in such construction.
- 1.45 **WRITTEN NOTICE** -- Any notice to any party of the Agreement relative to any part of this Agreement in writing and considered delivered and the service thereof complete, when posted by certified or registered mail to the said party at his last given address, or delivered in person to said party or his authorized representative on the Work.

2. ADDITIONAL INSTRUCTIONS AND DETAIL DRAWINGS

- 2.1 The CONTRACTOR may be furnished additional instructions and detail drawings, by the Engineer, as necessary to carry out the Work required by the Contract Documents.
- 2.2 The additional drawings and instruction thus supplied will become a part of the Contract Documents. The Contractor shall carry out the Work in accordance with the additional detail drawings and instructions.
- 2.3 If for any reason it may become desirable during the course of the Work to change the alignment, dimensions or design of the Work, the Owner reserves the right to issue change orders in writing and give effect to such changes as may be necessary or desirable. The changes may or may not result in a change in the amount of work. When the Contractor considers that any change ordered in writing by the Owner involves extra Work, he shall immediately notify the Owner in writing and shall subsequently keep him informed as to when and where extra Work is to be performed and shall make claim for compensation therefor each month not later than the first day of the month following that in which the work claimed as extra work was performed. If the changes do, in the opinion of the Owner, change the amount of work, the Contract price shall be adjusted as extra work or work and material omitted, as the case may be.
- 2.4 The Engineer may instruct the Contractor in writing to make minor changes in the construction where such changes are, in the opinion of the Engineer, not inconsistent with the purposes of the Contract Documents and where such changes do not involve additional costs for the work to be provided. The Contractor shall make no such minor changes without receipt of written Engineer's instruction setting forth the minor change (usually in the form of a Field Order) to be made and the Contractor's compliance therewith shall constitute his acknowledgement that such minor change will not result in any additional cost for construction.
- 2.5 Except as modified in the contract Documents, any material or operation specified by reference to the published standard or specification shall comply with the latest revision thereof and any supplements or amendments thereto, in effect on the date of the Notice to Contractors. Such standards and specifications, except as modified in the Contract Documents, shall have full force and effect as though printed in the Contract Documents. The Engineer will furnish, upon request, information as to how copies of the standards and specifications referred to may be obtained.
- 2.6 Where additional Work or modification to the Work as described in the Contract Documents is required by the enactment of new or revised Codes and Regulations, the Contract Documents shall be revised in accordance with the "General Conditions of the Contract for Construction" to reflect any change in Contract

Time or Contract Cost that may result.

- 2.7 The Conditions of the Contract and the requirements of Division 1, General Requirements are to be considered a part of each Specification Section and/or heading. All portions of the Work, regardless of scope, location, materials or trade involved shall conform to the requirements therein.

3. CONSTRUCTION SCHEDULES, REPORTS AND RECORDS

- 3.1 The Contractor shall submit to the owner such schedules of quantities and costs, progress schedules, payrolls, reports, estimates, records and other data, where applicable, as are required by the Contract Documents for the Work to be performed.
- 3.2 Prior to the first partial payment estimate, the Contractor shall submit construction progress schedules showing the order in which he proposes to carry on the Work, including dates at which he will start the various parts of the WORK, estimated date of completion of each part and as applicable:
- 3.2.1 The dates at which special detail drawings will be required; and,
- 3.2.2 Respective dates for submission of Shop Drawings, the beginning of manufacture, the testing and the installation of materials, supplies and equipment.
- 3.3 The Contractor shall also submit a schedule of payments that he anticipates he will earn during the course of the Work.

4. DRAWINGS AND SPECIFICATIONS

- 4.1 The intent of the Drawings and Specifications is that the Contractor shall furnish all labor, materials, tools, equipment, and transportation necessary for the proper execution of the Work in accordance with the Contract Documents and all incidental work necessary to complete the Project in an acceptable manner, ready for use, occupancy or operation by the Owner.
- 4.2 In case of conflict between the Drawings and Specifications, the Specifications shall govern. Figure dimensions on Drawings shall govern over scale dimensions, and detailed Drawings shall govern over general Drawings.
- 4.3 Any discrepancies found between the Drawings and Specifications and site conditions or any inconsistencies or ambiguities in the Drawings or Specifications shall be immediately reported to the Engineer in writing, who shall promptly correct such inconsistencies or ambiguities in writing. Work done by the Contractor after his discovery of such discrepancies, inconsistencies or ambiguities shall be done at the Contractor's risk.
- 4.4 In resolving inconsistencies among two or more sections of the Contract Documents, precedence shall be given in the following order: 1) Contract, 2) The Bid, 3) Supplementary Conditions, 4) Instructions to Bidders, 5) General Conditions, 6) Specifications and 7) Plans. Figure dimensions on Plans shall take precedence over scale dimensions; detailed Plans shall take precedence over general Plans. The Drawings shall govern in matters of quantity, and the Specifications in matter of quality. In case of conflict within the Drawings involving quantities, or within the Specifications involving qualities, the greatest quantity and the highest quality shall be furnished.
- 4.5 The organization of the Specifications into division, sections and articles, and the arrangement of Drawings shall not control the Contractor in dividing the work among subcontractors or in establishing the extent of the Work to be performed by any Trade. The Engineer will not arbitrate disputes among subcontractors concerning responsibility for performing any part of the Project.

5. SHOP DRAWINGS

- 5.1 The Contractor shall provide Shop Drawings as may be necessary for the prosecution of the work as required

by the Contract Documents. The Engineer's approval of any Shop Drawing shall not release the Contractor from responsibility for deviations from the Contract Documents. The approval of any Shop Drawing which substantially deviates from the requirements of the Contract Documents shall be evidenced by a Change Order.

- 5.2 When submitted for the Engineer's review, Shop Drawings shall bear the Contractor's certification that he has reviewed, checked and approved the Shop Drawings and that they are in conformance with the requirements of the Contract Documents.
- 5.3 That Portion of Work requiring a Shop Drawing or sample submission shall not begin until the Shop Drawing or submission has been approved by the Engineer. A copy of each approved Shop Drawing and each approved sample shall be kept in good order by the Contractor at the site and shall be available to the Engineer.
- 5.4 Acceptance by the Engineer of any drawing, method of work, or any information regarding materials and equipment the Contractor proposes to furnish shall not relieve the Contractor of his responsibility for any errors therein and shall not be regarded as an assumption of risks or liability by the Engineer or Owner, or any officer or employee thereof, and the Contractor shall have no claim under the Contract on account of the failure or partial failure or inefficiency or insufficiency of any plan or method of work or material and equipment so accepted. Such acceptance shall be considered to mean merely that the Engineer has no objection to the Contractor using, upon his own full responsibility, the plan or method of work proposed, or furnishing the materials and equipment proposed.

6. MATERIALS, SERVICES AND FACILITIES

- 6.1 It is understood that, except as otherwise specifically stated in the Contract Documents, the Contractor shall provide and pay for all materials, labor, tools, equipment, transportation, supervision, temporary construction of any nature, and all other services and facilities of any nature whatsoever necessary to execute, complete, and deliver the Work within the specified time.
- 6.2 All proposed onsite staging and storage locations shall be submitted prior to placement for operational and security review.
- 6.3 Materials and equipment shall be so stored as to insure the preservation of their quality and fitness for the Work. Stored materials and equipment to be incorporated in the Work shall be located so as to facilitate prompt inspection.
- 6.4 Manufactured articles, materials and equipment shall be applied, installed, connected, erected, used, cleaned and conditioned as directed by the manufacturer.
- 6.5 Materials, supplies and equipment shall be in accordance with samples submitted by the Contractor and approved by the Engineer.
- 6.6 Materials, supplies or equipment to be incorporated into the Work shall not be purchased by the Contractor or the subcontractor subject to a chattel mortgage or under a conditional sale contract or other agreement by which an interest is retained by the seller.
- 6.7 The completed work shall include all necessary permanent safety devices, such as machinery guards and similar ordinary safety items required by the State and Federal (OSHA) industrial safety authorities and applicable local and national codes. Further, any features of the work subject to such safety regulations shall be fabricated, furnished, and installed in compliance with these requirements. Prior to performing Work specified herein, the Contractor shall request an inspection by a State Industrial Safety representative for the purpose of determining that the facilities provided are in compliance with the State and Federal safety requirements. Any facilities which are deemed necessary by official response following the above safety inspection shall be added or corrected as required as a part of the Contract work. However no payment will be made to the Contractor for such changes or additions to equipment furnished under this Contract since it is a

requirement of these Specifications that such equipment be manufactured or fabricated in such a manner as to be in conformance with all Federal, State, and local safety requirements. The Contractor shall notify all manufacturers, equipment suppliers, and subcontractors of the provisions of this article.

In approving equipment for installation in the project, the Owner and Engineer assume no responsibility for injury or claims resulting from failure of the equipment to comply with applicable National, State, and local safety codes or requirements, or the safety requirements of a recognized agency, or failure due to faulty design concepts, or defective workmanship and materials.

- 6.8 All materials incorporated into the job shall be new, especially purchased for the project unless otherwise specified or agreed in writing. Unless otherwise noted, any equipment offered shall be current modifications which have been in successful regular operation under comparable conditions for a period sufficient to determine the reliability of the product. This time requirement, however, does not apply to minor details nor to thoroughly demonstrated improvements in design or in materials of construction.
- 6.9 Whenever the contractor shall furnish materials or manufactured articles or shall do work for which no detailed specifications are set forth, the materials or manufactured articles shall be of the best grade in quality and workmanship obtainable in the market from firms of established good reputation, or, if not ordinarily carried in stock, shall conform to the usual standards of first-class materials or articles of the kind required with due consideration of the use to which they are to be put. In general, the Work performed shall be in full conformity and harmony with the intent to secure the best standard of construction and equipment of the work as a whole or in part.

7. INSPECTION AND TESTING

- 7.1 All materials and equipment used in the construction of the Project shall be subject to adequate inspection and testing in accordance with generally accepted standards, as required and defined in the Contract Documents.
- 7.2 Inspections, tests, or approvals by the Engineer or others shall not relieve the Contractor from his obligations to perform the Work in accordance with the requirements of the Contract Documents.
- 7.3 The Engineer and his representatives will at all times have access to the Work. In addition, authorized representatives and agents of any participating Federal or State agency shall be permitted to inspect all work, materials, payrolls, records of personnel, invoices of materials, and other relevant data and records. The Contractor will provide proper facilities for such access and observation of the Work and also for any inspection or testing thereof.
- 7.4 If any Work is covered contrary to the written instructions of the Engineer, it must, if requested by the Engineer, be uncovered for his observation and replaced at the Contractor's expense.
- 7.5 If the Engineer considers it necessary or advisable that covered Work be inspected or tested by others, the Contractor, at the Engineer's request, will uncover, expose or otherwise make available for observation, inspection or testing, as the Engineer may require, that portion of the Work in question, furnishing all necessary labor, materials, tools and equipment. If it is found that such Work is defective, the Contractor will bear all the expenses of such uncovering, exposure, observation, inspection and testing and of satisfactory reconstruction. If, however, such Work is not found to be defective, the Contractor will be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to such uncovering, exposure, observation, inspection, testing and reconstruction and an appropriate Change Order shall be issued.

8. SUBSTITUTIONS

- 8.1 Whenever a material, article or piece of equipment is identified on the Drawings or Specifications by reference to brand name or catalogue number, it shall be understood that this is referenced for the purpose of defining the performance or other salient requirements and that other products of equal capacities, quality and

function shall be considered. The Contractor may recommend the substitution of a material, article, or piece of equipment of equal substance and function for those referred to in the Contract Documents by reference to brand name or catalogue number, and if, in the opinion of the Engineer, such material, article, or piece of equipment is of equal substance and function to that specified, the Engineer may approve its substitution and use by the Contractor. Any cost differential shall be deductible from the Contract Price and the Contract Documents shall be appropriately modified by Change Order. The Contractor warrants that if substitutes are approved, no major changes in the function or general design of the Project will result. Incidental changes or extra component parts required to accommodate the substitute will be made by the Contractor without a change in the Contract Price or Contract Time. **Substitutions shall be made during the bid period only.** Substitutions after the bid period will only be considered for items that are no longer being manufactured, are not available, or are equal to those specified as determined above by the Engineer, and a substantial cost savings may be realized. Contractor shall be held to those items, equipment or materials specified in the Contract Documents as a base price. Should the Contractor bid an item of less cost or quality with the intent to substitute after the bid, the Contractor shall (if the Owner accepts the change) provide the credit to the Owner of the difference in cost as if the specified item had been bid.

- 8.2 Requests for substitution shall be made, in writing to the Engineer, in ample time so as not to cause any delay in the execution of the Work and within the Substitution review period designated in the Contract Documents. Time used by Engineer in making decisions on substitute materials will not be allowed as a claim for extension of working time.
- 8.3 The technical sections of the Specifications have been written in accordance with the requirements of the Government Code of the State of California. Approval of any proposed substitution or equal for the specified material equipment or method will be made by the Engineer on the basis of quality, performance, finish, arrangement, price, colors and color selection range, ease of repair and maintenance, or any combination thereof. In his review of the data submitted concerning materials and equipment offered and an equal or in lieu of those specified, the Engineer will use for purposes of comparison all the characteristics of the specified item as they appear in the manufacturer's published data even though all the characteristics of the specified item may not have been particularly mentioned in the Specification. The Contractor shall furnish all data of the item being substituted for the Engineers use in determining acceptance of the substituted product. The Engineer may request such data, field tests, or physical presentation, to be submitted at Contractor's expense, as he may require to make his decision, which shall be final.
- 8.4 If, after the Engineer has made an approval of materials, method or equipment, it is found that the materials, method or equipment presented and approved for use are not justifiably equal in quality and performance to that originally specified, the Engineer retains the right to revoke said approval, and to reject the materials, method or equipment without any additional cost to the Owner.

9. PATENTS

- 9.1 The Contractor shall pay all applicable royalties and license fees. He shall defend all suits or claims for infringement of any patent rights and save the Owner harmless from loss on account thereof, except that the Owner shall be responsible for any such loss when a particular process, design, or the product of a particular manufacturer of manufacturers is specified; however, if the Contractor has reason to believe that the design, process or product specified is an infringement of a patent, he shall be responsible for such loss unless he promptly gives such information to the Engineer.

10. SURVEYS, PERMITS, REGULATIONS

- 10.1 The Contractor shall furnish all boundary surveys and establish all base lines for locating the principal component parts of the Work together with a suitable number of bench marks adjacent to the Work as shown in the Contract Documents. Cost of these surveying services required to establish and check property elevations and to correctly locate and establish property and construction lines, streets, sidewalks, curbs, etc., shall be included in the Contract Sum. Contractor shall be responsible for encroachments on the rights or property of the public or surrounding property owners, and for encroachments on easements noted and required set backs, and he shall, without cost to the Owner, take down. Rebuild in an appropriate manner any

unauthorized item that may have been constructed over the property, lot, easement or setback line. Contractor shall provide these surveys based upon the information provided by the Owner, unless otherwise specified in the Contract Documents, the Contractor shall develop and make all detail surveys needed for construction; such as, slope stakes, batter boards, lines, elevations and cut sheets.

- 10.2 The Contractor shall carefully preserve bench marks, reference points and stakes and, in case of willful or careless destruction, he shall be charged with the resulting expense and shall be responsible for any mistakes that may be caused by their unnecessary loss or disturbance.
- 10.3 Permits, Fees, and Licenses of a temporary nature (i.e.: SWPP permit, etc.) necessary for the prosecution of the Work which are customarily secured after execution of the Contract and which are legally required at the time the bids are received, shall be secured and paid for by the Contractor unless otherwise stated in the Supplemental General Conditions. Permits, licenses and easements for permanent structures shall be secured and paid for by the Owner unless otherwise specified. The Contractor shall give all notices and comply with all laws, ordinances, rules and regulations bearing on the conduct of the Work as drawn and specified. If the Contractor observes that the Contract Documents are at variance therewith, he shall promptly notify the Engineer in writing, and any necessary changes shall be adjusted as provided in Section 13, "CHANGES IN THE WORK". The Contractor shall document the actual costs paid for all permits to be reimbursed by the Owner, and submit them collectively with an Application for Payment. No added amount for overhead and profit will be allowed to the Contractor on these costs, nor will any percentage be retained on these costs.
- 10.4 The Contractor will provide competent men in his employ to set lines and elevations.
- 10.5 The Contractor shall preserve or replace all existing Federal, State, City, County and private land monuments, unless they are within ten (10) feet of the construction. When these monuments are within the distance specified, the Contractor shall notify the Engineer at least two (2) weeks in advance of the proposed construction in order that the Engineer will have ample opportunity to reference these monuments for later replacement.
- 10.6 For trenches or excavations five feet or deeper, the Contractor shall obtain from the Division of Industrial Safety a permit authorizing such construction.

11. PROTECTION OF WORK, PROPERTY AND PERSONS

- 11.1 The Contractor will be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. He will take all necessary precautions for the safety of, and will provide the necessary protection to prevent damage, injury or loss to all employees on the Work and other persons who may be affected thereby, all the Work and all materials or equipment to be incorporated therein, whether in storage on or off the site, and other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.
- 11.2 The Contractor will comply with all applicable laws, ordinances, rules, regulations and orders of any public body having jurisdiction. He will erect and maintain, as required by the conditions and progress of the Work, all necessary safeguards for safety and protection. He will notify owners of adjacent utilities when prosecution of the Work may affect them. Contractor shall notify the Owners of adjacent properties within 7 days in advance of utility interruption, and notify the Owner ten (10) days in advance of utility interruptions. The Contractor will remedy all damage, injury or loss to any property caused, directly or indirectly, in whole or in part, by the Contractor, any subcontractor or anyone directly or indirectly employed by any of them or anyone for whose acts any of them be liable, except damage or loss attributable to the fault of the Contract Documents or to the acts or omissions of the Owner or the Engineer or anyone employed by either of them or anyone for whose acts either of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of the Contractor.
- 11.2.1 Contractor shall send proper notices, make necessary arrangements, perform other services required in care

and maintenance of all public utilities and assume all responsibility concerning same. Notify proper utility if damage occurs. Observe all rules and regulations of the respective utilities in executing the Work.

- 11.2.2 Contractor shall carefully check areas where operations of the Contract are to be performed and observe any existing overhead wires, equipment and other obstructions. Any such work shall be moved, replaced or protected, as required, whether or not shown or specified.
- 11.2.3 Locations of existing underground lines shown on Drawings are based on information from best available sources, but are to be regarded as approximate only. The Contractor shall be responsible for all saw cutting, trenching, back filling, compaction, and patching of concrete and asphalt as required to perform his work. Attention is called the fact that there are underground utility lines. The Contractor shall coordinate all proposed trenching with the Facility. The Contractor shall use extreme caution and use X-Ray machine prior to trenching for his work. The Contractor shall be responsible for the proper and approved repair of any and all damages caused by his work.
- 11.2.4 Exercise all reasonable precautions to preserve and protect any existing underground improvements whether or not shown or specified. Active utilities shown on Drawings shall be adequately protected from damage and removed or relocated only as indicated or specified. Where active utilities are encountered but are not shown on Drawings, Engineer shall be advised; Work shall be adequately protected, supported, or relocated as directed by Engineer; Contract Sum will be adjusted for such additional work.
- 11.3 In emergencies affecting the safety of persons or the Work or property at the site or adjacent thereto, the Contractor, without special instruction or authorization from the Engineer or Owner, shall act to prevent threatened damage, injury or loss. He will give the Engineer prompt written notice of any significant changes in the Work or deviations from the Contract Documents caused thereby, and a Change Order shall thereupon be issued covering the changes and deviations involved.
- 11.4 The Contractor shall at all times so conduct his work as to insure the least possible obstruction to traffic and inconvenience to the general public and the residents in the vicinity of the work, and to insure the protection of persons and property. No road or street shall be closed to the public except with the written permission of the Engineer and proper governmental authority at least fourteen days before the actual road closure is made. Fire hydrants and their valves on or adjacent to the work shall be kept accessible to fire fighting equipment at all times. Temporary provisions shall be made by the Contractor to insure the use of sidewalks and private and public driveways, and the proper functioning of all gutters, sewer inlets, drainage ditches and culverts, irrigation ditches and natural water courses.
- 11.5 Property acquired or Right of Way available for construction is shown on the Plans. The Contractor shall stay within such property or Right of Way or, at his own expense, obtain advance written permission of the Owner to go beyond said lines with appropriate compensation or rehabilitation.

12. SUPERVISION BY CONTRACTOR

- 12.1 The Contractor will supervise and direct the Work. He will be solely responsible for the means, methods, techniques, sequences and procedures of construction. The Contractor will employ and maintain on the Work a qualified supervisor or superintendent who shall have been designated in writing by the Contractor as the Contractor's representative at the site. The supervisor shall have full authority to act on behalf of the Contractor and all communications given to the supervisor shall be as binding as if given to the Contractor. The supervisor shall be present on the site at all times as required to perform adequate supervision and coordination of the Work.
- 12.2 Owner and Engineer shall not supervise, direct, or have control over, or be responsible for, Contractor's means, methods, techniques, sequences or procedures of construction or for the safety precautions and programs incident thereto, or for any failure of Contractor to comply with laws and regulations applicable to the furnishing or performance of Work. Owner and Engineer shall not be responsible for Contractor's failure to perform or furnish the work in accordance with Contract Documents.

13. CHANGES IN THE WORK

- 13.1 The Owner may at any time, as the need arises, order changes within the scope of the Work without invalidating the Agreement. If such changes increase or decrease the amount due under the Contract Documents, or in the time required for performance of the Work, an equitable adjustment shall be authorized by Change Order.
- 13.2 The Engineer, also, may at any time, by issuing a Field Order, make changes in the details of the Work. The Contractor shall proceed with the performance of any changes in the Work so ordered by the Engineer unless the Contractor believes that such Field Order entitles him to a change in Contract Price or Time, or both, in which event he shall give the Engineer written notice thereof within seven (7) days after the receipt of the ordered change. The Contractor shall not execute such changes pending the receipt of an executed Change Order or further instruction from the Owner.
- 13.3 If the Contractor is delayed in completing the work by reason of any change made pursuant to this section, the time for completion of the work shall be extended by Change Order for a period agreed to, commensurate with such delay. The Contractor shall not be subject to any claim for liquidated damages for this period of time, but the Contractor shall have no claim for any other compensation for any such delay.
- 13.4 Suspension of the Work by Owner or Owner's Agents:
- 13.4.1 If the Owner, and its agents, suspend the work, the Contractor, and his subcontractors shall be paid such amount that can be documented and determined to be a fair and reasonable compensation of the Contractor's loss, when such stoppage(s) is a result of actions of those other than the Contractor or his subcontractors.
- 13.4.1.1 Compensation shall include all actual direct costs incurred in additional mobilization and demobilization operations, but limited to a maximum cost of a total of eight crew hours for mobilization and demobilization.
- 13.4.1.2 Rental rates for idle time of equipment will be in accordance with the right of way delay factor for each classification of equipment shown in the Department of Transportation publication entitled Labor Surcharge and Equipment Rental Rates.
- 13.4.1.3 Compensation for idle time for labor will be the actual costs for "show-up time" incurred by the Contractor.
- 13.4.1.4 No markups for overhead and profit will be added in these costs.
- 13.4.1.5 No additional compensation will be made for loss of productivity on any item of work in the Contract.
- 13.4.2 In the event the Contractor is granted time extension(s) in accordance with the General Conditions for delays caused by acts of the Owner, its employees, those under it by Contract, and/or any other governmental agency and through no fault or act of his own or his subcontractors or suppliers, the Contractor and his subcontractor(s) shall only be reimbursed for the following additional field overhead costs as follows:
- 13.4.2.1 Staff salaries (taxable wages)
- Project Manager
 - Superintendent
 - Engineer(s)
 - Secretaries
 - Clerks
- Salaries will be determined from certified payrolls.
- 13.4.2.2 Labor burden for salary related expense such as fringes, insurance and taxes, will be 38% of the salaries in the above paragraph.
- 13.4.2.3 Payment for field office expenses such as vehicles, trailers, power, water, phones, office supplies, toilets, etc. will be at a negotiated rate per calendar day, which shall include the General Contractor and all subcontractor

expenses.

13.4.2.4 No payments will be made for home office overhead items such as salaries, travel, bonds, insurance, etc.

13.4.2.5 No markups for overhead and profit will be added to these costs.

14. CHANGES IN CONTRACT PRICE

14.1 Owner, without invalidating Contract, and as provided by law, may order extra work or make changes by altering, adding to, or deducting from work, Contract sum being adjusted accordingly. All such work shall be executed under conditions of original Contract except that any claim for extension of time caused thereby shall be adjusted at the time of ordering such change. All changes are subject to approval by the Owner and the Project Engineer.

In giving instructions, Engineer shall have authority to make minor changes in work, not involving change in cost, and not inconsistent with purposes of building. Otherwise, except in an emergency endangering life or property, no extra work or change shall be made unless in pursuance of a written order from Owner, and no claim for addition to Contract sum shall be valid unless so ordered.

Value of such extra work, change, or deductions shall be determined at the discretion of Owner, and the method of providing additional cost for review shall be determined by the Owner based on the work involved and the need of the Owner and/or the Engineer to determine the costs are in order with prevailing construction standards in one or more of the following methods in the order of precedence listed below, or as designated above:

- (a) Unit prices previously approved, contained in Contractor's original bid and incorporated in the Contract Documents or fixed by subsequent agreement between Owner and Contractor. (Unit prices previously approved shall be used in all cases for similar units unless mutually agreed that they are for some reason not applicable.)
- (b) An agreed upon lump sum.
- (c) A time and expense basis, involving the actual necessary expenses, and other services necessary to complete the Work. In addition, there shall be added an amount to be agreed upon but not to exceed fifteen percent (15% see 14.1(d) below) of the actual necessary expense to cover the cost of general overhead, general superintendence, other expenses, and profit. In the event that items (a) and (b) above are not applicable, then this latter method (c) shall be used.
The following form shall be followed as applicable for additions and deductions to Contract:
 - (1) Material (attach itemized quantity and unit cost plus sales tax)
 - (2) Labor (attach itemized hours and rates)
 - (3) Subtotal
 - (4) Subcontractor's overhead and profit not to exceed 10% of items 1 and 2. Overhead and profit shall include the following: Public Liability and Property Damage Insurance, Worker's Compensation Insurance, Social Security and Unemployment Taxes, extended home and filed office overheads, Safety meetings, warranties, and all other additional overhead and extended costs Contractor may incur for the change.
 - (5) Subtotal
 - (6) General Contractor's Overhead and Profit (includes Supervision time) on work performed by Subcontractor's, not to exceed 5% of Item 5 should the General Contractor perform the work in question then they shall submit for profit and overhead for the item (total) of 15%.
 - (7) Subtotal
 - (8) Bond Premium, not to exceed 1% of Item 7.
 - (9) Total
- (d) Markup by subcontractors, for their work, shall not exceed ten percent (10%) as per (c) above. General Contractor's markup on subcontractors' work shall not exceed five percent (5%).

If the Contractor should claim that any instruction, request, drawing, specification, action, condition, omission, default, or other situation obligates the Owner to pay additional compensation to the Contractor or to grant an

extension of time for the completion of the Contract, (see Section 15 of the General Conditions and associated Supplementary General Conditions), or constitutes a waiver of any provision in the Contract, he shall notify the Owner, in writing, of such claim within ten (10) days from the date he has actual or constructive notice of the factual basis supporting the claim. The Contractor's failure to notify the Owner within such ten (10) day period shall be deemed a waiver and relinquishment of the claim against the Owner. If such notice be given within the specified time, the procedure for its considerations shall be as stated above in this article, or as noted elsewhere in the Contract Documents. Contractor shall have (10) days upon notice of claim to provide complete back-up for review of the Owner and the Engineer. Should the Contractor fail to show within this time frame justification to the Owner in a form acceptable to the Owner for the claim, as noted above and within all sections of the Contract Documents describing this procedure, the claim will become null and void.

- 14.2 In order to arrive at the mutually agreed upon lump sum referred to above, the Contractor shall provide the Engineer with a detailed breakdown for materials, equipment and labor, including an item for overhead and profit as defined above.
- 14.3 If the Contractor is directed to do the extra work on a time and expense basis, the Contractor shall keep an accurate daily record in a manner acceptable to the Engineer of all actual necessary expense pertaining to the extra work. The record will be signed by the Engineer and the Contractor daily, and one copy will be retained by the Engineer.
- 14.4 "Actual necessary expense" shall mean the sum of the following items, and all such costs shall mean actual costs whether incurred by the Contractor, a subcontractor, or others:
- (a) Materials and Equipment. Materials and equipment furnished by the Contractor and necessarily used in the work shall include applicable taxes and discounts whether taken by the purchaser or not.
 - (b) Labor. The cost of labor shall include the actual wages paid, all workers' compensation premiums, State unemployment, Federal Social Security payments, other payments required by State or Federal law, and payments made on behalf of workers as required by collective bargaining agreements.
 - (c) Supervision. The actual cost of supervision shall include only the supervisor employed full-time supervising the extra Work, when authorized in writing by the Engineer.
 - (d) Construction Equipment. Equipment rental rates for the use of equipment required in the performance of the extra Work shall be one of the following: those listed in the latest State of California, Department of Transportation publication entitled "Labor Surcharge and Equipment Rental Rates" or those mutually agreed upon by the Contractor and the Engineer. Rental rates shall include the cost of fuel, oil, lubrication, supplies, small tools, necessary attachments, repairs, maintenance, depreciation, storage, insurance and all other incidentals.
Individual pieces of equipment or small tools having a replacement value of \$25 or less shall be considered as expendable and no payment therefor shall be made.
The reasonable cost of moving equipment onto and off the jobsite shall be included, but equipment rental shall not be paid when the equipment is inoperative.
When equipment is used on the extra work for less than five (5) days, hourly rates shall be used, and less than thirty (30) minutes of operation shall be considered to be 1/2 hour of operation; when equipment is used on the extra work more than five (5) days, daily rates shall be used, and less than four (4) hours of operation shall be considered to be 1/2 day of operation.
 - (e) Professional Services. Professional services or advice if authorized in writing by the Engineer.
 - (f) Other Costs. Other costs if authorized in writing by the Engineer.
- 14.5 Contractor shall, when ordered in writing by the Owner, omit work and material to be furnished under the Contract, and the value of the omitted work and material will be deducted from the Contract price. The value of omitted work and material will be a lump sum or unit price agreed upon in writing by the Contractor and the Owner.

Contractor shall provide the Engineer with a detailed breakdown for materials, equipment and labor, including an item for overhead and profit. This shall be accompanied by copies of the original quotations and other documentation from himself, subcontractors and vendors as necessary for the Engineer to substantiate the true value of the work omitted.

15. TIME FOR COMPLETION AND LIQUIDATED DAMAGES

- 15.1 Execution of Contract by Contractor shall constitute acknowledgement by Contractor that Contractor understands, has ascertained and agrees that the County will actually sustain damages in the amount fixed in Contract for each and every calendar day during which completion of Work required is delayed beyond expiration of time fixed for completion or extensions of time as have been allowed pursuant to provisions hereof. Contractor and the County agree that such damages shall be presumed to be the damages actually sustained by Lake County as defined below, and that because of the nature of the project, it would be impracticable or extremely difficult to fix the actual damages.
- 15.1.1 There shall be deducted from any money due or to become due to Contractor subsequent to time for completion of entire Work and extensions of time allowed pursuant to provisions hereof, a sum representing the then accrued liquidated damages.
- 15.1.2 Liquidated damages shall be considered not as a penalty but as agreed monetary damage sustained by County for loss of revenue and increased project administration expenses, including extra inspection, and architectural and engineering expenses, related to this Contract because Contractor failed to perform and complete Work within time fixed for completion or extensions of time and have been allowed pursuant to provisions hereof. Liquidated damages shall not be deemed to include within their scope additional damages arising from defective work, cost of completion of the Contract, cost of substitute space, or damages suffered by others or other forms of liability claimed against the County as a result of delay (e.g., delay or delay related claims of other contractors, subcontractors or tenants), and defense costs thereof, Contractor shall be responsible for the actual amount of any such damages.
- 15.1.3 Should the Contractor fall behind approved Progress schedule, County reserves right to deduct liquidated damages based on an estimated period of late completion. The County need not wait until Contract completion to withhold liquidated damages from Contractor's progress payments. Should money due or to become due to Contractor be insufficient to cover agreed liquidated damages, then the Contractor forthwith shall pay remainder to County.
- 15.1.4 In addition to the liquidated damages set forth in the Agreement, the contractor shall pay for the additional cost charged against the Work for services rendered by the Owner's Inspector and their agents, i.e., Engineer and their consultants, when the Work exceeds the Contract Time and authorized time extensions. The extra inspection cost shall be deducted from any money due or that may become due to the Contractor under the Contract.
- 15.1.5 If the liquidated damages and inspection costs hereinbefore specified exceed the unpaid balance, the Contractor shall pay the difference to the Owner.
- 15.2 Contractor will proceed with the Work at such rate of progress to insure full completion within the Contract Time. It is expressly understood and agreed, by and between the Contractor and the Owner, that the completion of the Work described herein is a reasonable time, taking into consideration the average climatic and economic conditions and other factors prevailing in the locality of the Work.
- 15.3 If the Contractor shall fail to complete the Work within the Contract Time, or extension of time granted by the Owner, then the Contractor will pay to the Owner the specified amount for liquidated damages for each calendar day that the Contractor shall be in default after the time stipulated in the Contract Documents.
- 15.4 The Contractor shall not be charged with liquidated damages or any excess cost when the delay in completion of the Work is due to the following, and the Contractor has promptly given written notice of such delay to the Owner or Engineer.
- 15.4.1 To any preference, priority or allocation order duly issued by the Owner.
- 15.4.2 To any delays of subcontractors occasioned by any of the causes specified in Article 15.4.1 of this Section.

- 15.5 Since time is of the essence, the Contractor shall commence work under this Contract on or before the date to be specified in the Notice to Proceed.
- 15.6 When Contract has been signed by Contractor and Owner, and funds necessary to make payments as required under Contract are available, Owner will serve a Notice to Proceed upon Contractor to that effect. Start date for Contract Times shall be on the date indicated on the Notice to Proceed. Total number of calendar days for completion of Work on Contract shall be as provided above and on Bid form.
- 15.7 The Contract Times (or milestones) may only be changed by Change Order or Written Amendment and all time limits stated in the Contract Documents are of the essence of the Agreement. The Contract Times (or milestones) will be adjusted in an amount equal to the time lost due to the following: a) Changes in the Work ordered by the Engineer; b) Acts or neglect by the County, acts or neglect of utility owners, acts or neglect of other Contractors performing other Work, provided Contractor has fully and completely performed his responsibilities under the Contract Documents, including but not limited to, his cooperation and coordination responsibilities required by the Contract Documents; or, c) Fires, flood, abnormal weather conditions, earthquakes, civil disturbances, or act of God, provided damage resulting there from is not the result of Contractor's failure to properly protect the Work as required by the Contract Documents.
- 15.7.1 Notwithstanding the foregoing, the Contract Times (or milestones) shall not be extended unless Contractor has actually been prevented from completing any part of the Work within the Contract Times (or milestones) due to delay which is (i) beyond the control of Contractor and (ii) due to reasons for which Contractor is not responsible and (iii) a claim for delay is made as provided for herein. Delays attributable to and within the control of a subcontractor, or its subcontractors, or supplier shall be deemed to be delays within the control of Contractor.
- 15.7.2 Where Contractor is prevented from completing any part of the Work within the Contract Times (or milestones) due to delay beyond the control of both the County and Contractor, an extension of Contract Times (or milestones) in an amount equal to the time loss due to such delay shall be the Contractor's sole and exclusive remedy for such delay. The County shall not be liable to Contractor, any subcontractor, any supplier, or any other person or organization, or to any surety for or employee or agent of any of them, for damages arising out of or resulting from (i) delays caused by or within the control of Contractor, or (ii) delays beyond the control of both parties including but not limited to fires, floods, epidemics, abnormal weather conditions, earthquakes and acts of God or acts or neglect by utility owners or other Contractors performing other work.
- 15.8 TIME EXTENSIONS FOR UNUSUALLY SEVERE WEATHER
- 15.8.1 Terms:
- 15.8.1.1 "Inclement Weather" shall be considered as Temperature, Precipitation (aka Rainfall & Rain Days) or Fog. The conditions for Inclement Weather are defined below, and valuations of Inclement Weather are listed in the Meteorological Data NOAA Chart. The Contractor shall obtain the data from NOAA. The Owner reserves the right to update Meteorological Data included in the NOAA Chart, so that it reflects the most accurate data for the project site, site conditions and locality.
- 15.8.1.2 "Unusually Severe Weather" is more severe than the anticipated Inclement Weather for any given month.
- 15.8.1.3 NOAA, is the National Oceanic and Atmospheric Administration
- 15.8.1.4 "Mud" (aka Mud Days) shall be considered as muddy site conditions, which prohibits access to and around the project site, including access to the buildings. Mud is a direct result of precipitation, and for this reason Mud is treated different than precipitation. Mud, or muddy site conditions, will become a candidate for time extensions, only if the amount of precipitation exceeds that which is anticipated and considered normal "Inclement Weather" for a given month. The Contractor shall understand that even if the anticipated normal precipitation were exceeded for a given month, not all Mud Days may be eligible for time extensions. Only a portion of the actual Mud Days may be considered for a time extension, of which they will be the percentage

of actual precipitation that are above and beyond the anticipated normal precipitation or "Inclement Weather": See "Unusually Severe Weather". Also, precipitation and Mud need to materially affect the activities on the critical path in order for them to impact the project schedule. If precipitation and Mud do not materially affect the critical path of the project, there is no effect to the project and such conditions are not eligible for time extensions. Differing site soil conditions and drainage patterns will create individual variations in how "Mud" affects the site and the progress of the Work. It is the Contractors obligation to become aware of the site soil conditions, drainage patterns, and other elements that may affect the resulting impacts due to Mud.

- 15.9 The unusual weather experience at the project site during the affected Contract period must be found to be Unusually Severe Weather, that is, more severe than the anticipated Inclement Weather and Mud for any given month.
- 15.9.1 The Unusually Severe Weather must actually cause a delay to the completion of the Contract. The delay must be beyond the control and without the fault or negligence of the Contractor.
- 15.9.2 The following schedule of anticipated monthly Inclement Weather is based on National Oceanic and Atmospheric Administration (NOAA) data for the project location and shall constitute the baseline for evaluating weather-related time extensions. The Contractor's progress schedule must include the effect of anticipated Inclement Weather and Mud in all weather dependent activities. Further, the Contractor's bid shall include all costs for potential disruptions as a result of anticipated Inclement Weather and Mud: Disruption to the project may involve cost and time impacts. The Contractor shall be responsible for all impacts resulting from the anticipated amount of Mud and Inclement Weather shown in the following NOAA Meteorological Data Chart. Impacts include, but are not limited to, de-watering, mucking, temporary weather protection, gravel roadways, equipment downtime, etc.
- 15.9.2.1 Upon Notice to Proceed (NTP) and continuing through the Contract duration, the Contractor shall record each occurrence of Inclement Weather and Mud, and the resulting impact to the progress of scheduled Work. Inclement Weather days will be as defined by the following NOAA data and will be counted chronologically from the first to the last day of each month, with each daily incidence of Inclement Weather being counted as a whole day. Once the number of days of anticipated Inclement Weather and Mud are exceeded in a given month, the Contractor will become eligible for an excusable, non-compensable time extension for Unusually Severe Weather delay day will occur when adverse weather prevents work on critical activities for more than fifty percent (50%) of the Contractor's scheduled work day. Upon experiencing critical path delays due to Unusually Severe Weather, the Contractor shall seek a time extension for the Engineer. If the foregoing conditions are met, an excusable non-compensable time extension may be granted.

Meteorological Data for Lakeport, California
Normals, Means and Extremes
TEMPERATURES

Month	Normal		Extremes		Precipitation Normal (in)
	Daily Max	Daily Min	Record Highest	Record Lowest	
January	53.7	32.7	71	20	6.74
February	67.2	35.4	76	23	5.93
March	61.9	37.3	82	27	4.75
April	67.8	39.3	91	28	1.70
May	78.5	44.1	99	33	.85
June	84.8	49.9	103	37	.22
July	92.2	54.0	107	41	.05
August	91.9	52.9	108	44	.09
September	85.7	49.0	108	41	.48
October	74.9	43.3	94	31	1.48
November	60.0	36.6	83	24	4.30
December	53.5	32.8	76	23	4.81
Year					31.40

Source: NOAA, National Oceanic and Atmospheric Administration

15.10 NOTICE OF DELAY

- 15.10.1 Within 7 calendar days of the beginning of any delay Contractor shall notify Engineer, in writing, of all anticipated delays resulting from the delay event in question.
- 15.10.1.1 Notice shall constitute application for extension of time only if notice requests extension and sets forth the impact of the delay on the critical path and Contractor's estimate of additional time required together with full recital of causes of unavoidable delays relied upon.
- 15.10.1.2 After receipt of a request for a time extension, with verifiable documents and justifications included, Engineer will make decision thereon, and will advise Contractor in writing. No time extensions shall be considered without related documents and justifications necessary for Engineer to make determination.
- 15.10.1.3 No time extensions shall be granted for delays for which Contractor fails to give timely notice and Contractor hereby waives any and all damages for delay for which timely notice is not given.
- 15.10.1.4 Any request for extension of time shall be accompanied by the claimant's written statement that the adjustment claimed is the entire adjustment to which the claimant is entitled as a result of the occurrence of said event. All claims and adjustments in the Contract Times (or milestones) shall be determined by Owner and Engineer. No claim for an adjustment in the Contract Times (or milestones) will be valid and such claim will be waived if not submitted in accordance with the requirements of this paragraph.

15.11 NO DAMAGE FOR CONTRACTOR CAUSED DELAY

- 15.11.1 Contractor shall not be entitled to any compensation, including but no limited to extended field or home office overhead, field supervision, costs of capital, interest, escalation charges, acceleration costs or other impacts for any delays caused in whole or in part by Contractor's failure to perform its obligations under this Contract, or during periods of delay concurrently caused by Contractor and either the County or others. Contractor may be compensated for delays caused directly and solely by the County except that Contractor shall not be entitled to damages for delay to the Work caused by the following reasons:
- 15.11.1.1 The County's right to sequence Work in manner which would avoid disruption to the County's tenants and their contractors or other prime contractors and their respective subcontractors, exercised as a result of Contractor's failure to perform its cooperation and coordination responsibilities require by this Contract; the County's or any Inspector's enforcement of government act or regulation, or the provisions of the Contract Documents;
- 15.11.1.2 For changed site conditions that are beyond contemplation of parties, except that the County may approve direct costs associated with unknown conditions but not costs or damages which are result of such delays; and
- 15.11.1.3 Extensive request for clarifications to construction documents or modifications to Contract, provided such clarifications or modifications are processed by the County or its consultants in a reasonable time commensurate with provisions of Contract requirements.

16. CORRECTION OF WORK

- 16.1 The Contractor shall promptly remove from the premises all Work rejected by the Engineer for failure to Comply with the Contract Documents, whether incorporated in the construction or not, and the Contractor shall promptly replace and re-execute the Work in accordance with the Contract Documents and without expense to the Owner and shall bear the expense of making good all work of other contractors destroyed or damaged by such removal or replacement.
- 16.2 All removal and replacement Work shall be done at the Contractor's expense. If the Contractor does not take action to remove such rejected Work within ten (10) days after receipt of written notice, the Owner may remove such Work and store the materials at the expense of the Contractor.
- 16.3 If, in the opinion of the Engineer, the defective Work is not of sufficient magnitude or importance to make the

Work dangerous or undesirable, or if, in the opinion of the Engineer, the removal of such Work is impractical or will create conditions which are dangerous or undesirable, the Owner shall have the right and authority to retain such Work instead of requiring it to be removed and reconstructed, but will make such deductions therefor in the payment due or to become due to the Contractor as it may deem just and reasonable.

- 16.4 If, following installation of any equipment furnished hereunder, defects requiring correction by the Contractor are found, the Owner shall have the right to operate such unsatisfactory equipment and make reasonable use thereof until the equipment can be shut down for correction of defects without injury to the Owner.
- 16.5 **Correction Period.** If within one year after the date of Final Acceptance or such longer period of time as may be prescribed by law or regulations or by the terms of any applicable special guarantee required by the Contract Documents or by any specific provision of the Contract Documents, any Work is found to be defective, Contractor shall promptly, without cost to Owner and in accordance with Owner's written instructions, (i) correct such defective Work or, if it has been rejected by Owner, remove it from the site and replace it with Work that is not defective, and (ii) satisfactorily correct or remove and replace any damage to other Work or the work of others resulting there from. If Contractor does not promptly comply with the terms of such instructions, or in an emergency where delay would cause serious risk of loss or damage, Owner may have the defective Work corrected or the rejected Work removed and replace, and all claims, costs, losses and damages caused by or resulting from such removal and replacement (including but not limited to all costs of repair or replacement of work of others) shall be paid by Contractor.
- 16.5.1 In special circumstances where a part of the Work is occupied or a particular item of equipment is placed in continuous service before Final Acceptance of all the Work, the correction period for that part of the Work or that item may start to run from an earlier date if so provided by Contract Modification.
- 16.5.2 Where defective or rejected Work (and damage to other work resulting there from) has been corrected, removed or replaced under this provision after the commencement of the correction period, the correction period hereunder with respect to such Work will be extended for an additional period of one year after such correction or removal and replacement has been satisfactorily completed, and the Rights of Owner pursuant to CCP Sections 337.1 and 337.15 shall be renewed and extended.
- 16.6 **Owner may accept defective Work:** If, instead of requiring correction or removal and replacement of defective Work, Owner (and, prior to final payment, also Engineer) prefers to accept it, Owner may do so. Contractor shall pay all claims, costs, losses and damages attributable to Owner's evaluation of and determination to accept such defective Work. If any such acceptance occurs prior to final payment, a change order will be issued incorporating the necessary revisions in the Contract Documents with respect to Work, unless the parties are unable to agree upon an appropriate decrease in the Contract Sum, in which case Owner may deduct from monies due Contractor the amount of any all claims, costs, losses (including diminution in value), damages, expenses and liabilities attributable to the defective work. If Contractor disagrees with the deduction, the Contractor may make a claim as provided in Contract Documents.
- 16.6.1 **Owner may correct defective Work:** If Contractor fails within ten (10) days after written notice from Owner to correct defective Work or to remove and replace rejected Work as required, or provide a plan for correction of defective Work acceptable to Owner, or if Contractor otherwise fails to perform the Work in accordance with Contract Documents, Owner may, after ten (10) days written notice to Contractor, correct and remedy any deficiency. In connection with such corrective and remedial action, Owner may exclude Contractor from all or part of the site, take possession of all or part of the Work, and suspend Contractor's work related thereto, take possession of all or part of Contractor's tools, appliances, construction equipment and machinery at the site, and incorporate in the Work any materials and equipment stored at the site or for which Owner has paid Contractor but which are stored elsewhere. Contractor shall allow Owner, its representatives, agents, employees, and other contractors access to the site to enable Owner to exercise the rights and remedies under this paragraph. All claims, costs, losses (including diminution in value), damages, expenses and liabilities incurred or sustained by Owner in exercising such rights and remedies will be the responsibility of Contractor and a Change Order will be issued incorporating the necessary revisions in the Contract Documents with respect to Work and the Contract Sum. If the parties are unable to agree on the amount of an appropriate decrease in the Contract Sum, Owner may deduct from monies due Contractor all claims, costs,

losses (including diminution in value), expenses, damages and liabilities attributable to the defective Work, including all costs of repair or replacement of Contractor's defective Work. (If Contractor disagrees with Owner's calculation, it may make a claim as provided by the Contract.)

17. SUBSURFACE CONDITIONS

- 17.1 The Contractor shall promptly, and before such conditions are disturbed, except in the event of an emergency, notify the Owner by written notice of:
- 17.1.1 Subsurface or latent physical conditions at the site differing materially from those indicated in the Contract Documents; or,
- 17.1.2 Unknown physical conditions at the site of an unusual nature, differing materially from those ordinarily encountered and generally recognized as inherent in Work of the character provided for in the Contract Documents.
- 17.2 The Owner shall promptly investigate the conditions, and if he finds that such conditions do so materially differ and cause an increase or decrease in the cost of, or in the time required for, performance of the Work, an equitable adjustment shall be made and the Contract Documents shall be modified by a Change Order. Any Claim of the Contractor for adjustment hereunder shall not be allowed unless he has given the required written notice; provided that the Owner may, if he determines the facts so justify, consider and adjust any such Claims asserted before the date of final payment.
- 17.3 Contractor shall carefully examine the Drawings, read the Specifications and the forms of other Contract Documents and shall visit the site of the proposed Work, to fully inform himself as to all existing surface and subsurface conditions, weather and rainfall, soils, rock, water table variations, material availability and limitations that may affect the execution of the Work under the Contract and he shall include in the prices bid, the cost of all incidentals and appurtenances. The failure of Contractor to visit and acquaint himself with conditions at the construction site, shall in no respect relieve him from any obligation imposed by his bid or by the Contract.
- 17.4 The plans for work show the conditions as they are supposed or believed by the Engineer to exist, but it is neither intended nor to be inferred that the conditions as shown thereon constitute a representation by the Owner or its officers that such conditions are universally existent nor shall the Owner or any of its officers or representatives be liable for any loss sustained by the Contractor as a result of any variance between conditions as shown on the Plans and alternate conditions revealed during the progress of the Work, or otherwise.
- 17.4.1 As to above-ground conditions or as-built conditions shown or indicated in the Contract Documents, there is no warranty, expressed or implied, or any representation expressed or implied, that such information is correctly shown or indicated. This information is verifiable by independent investigation and Contractor is required to make such verification as a condition to bidding. In submitting its Bid, Contractor shall rely on the results of its independent investigation. In submitting its Bid, Contractor shall not rely on Owner supplied information regarding above-ground conditions or as-built conditions.
- 17.4.2 As to any subsurface condition shown or indicated in the Contract Documents, Contractor may rely only upon the general accuracy of actual reported depths, actual reported character of materials (e.g. size of pipe, etc.), actual reported soil types, actual reported water conditions, or actual obstructions shown or indicated. Owner is not responsible for completeness of such information for bidding or construction; nor is Owner responsible in any way for any opinions, conclusions or opinions of Contractor drawn from such information; nor is the Owner responsible for subsurface conditions that are not specifically shown (for example, Owner is not responsible for soil conditions in areas contiguous to areas where a subsurface condition is shown).
- 17.4.3 Conditions shown in Reports and Drawings Supplied for Informational Purposes: Reference is made to Geotechnical Report for identification of:
- 17.4.3.1 Conditions: Those reports of explorations and tests of subsurface conditions at or contiguous to the site

that have been utilized by Engineer in preparing the Contract Documents; and

17.4.3.2 Physical Conditions: Those drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the site that have been utilized by Engineer in preparing the Contract Documents.

17.4.3.3 This report and additional associated drawings are not Contract Documents. Contractor may not in any manner rely on the information in this report, and subject to the foregoing, Contract must make its own independent investigation of all conditions affecting the Work and shall not rely on information provided by Owner.

17.5 The Owner assumes no responsibility for any representations made by any of its officers or agents during or prior to the execution of this Contract, unless (1) such representations are expressly stated in the Contract, and (2) the Contract expressly provides that the responsibility therefor is assumed by the Owner.

18. SUSPENSION OF WORK, TERMINATION AND DELAY

18.1 The Owner may suspend the Work or any portion thereof for a period of not more than ninety days or such further time as agreed upon by the Contractor, by written notice to the Contractor and the Engineer which notice shall fix the date on which Work shall be resumed. The Contractor will resume that Work on the date so fixed. The Contractor will be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to any suspension.

18.2 If the Contractor is adjudged a bankrupt or insolvent, or if he makes a general assignment for the benefit of his creditors, or if a trustee or receiver is appointed for the Contractor or for any of his property, or if he files a petition to take advantage of any debtor's act, or to reorganize under the bankruptcy or applicable laws, or if he repeatedly fails to supply sufficient skilled workmen or suitable materials or equipment, or if he repeatedly fails to make prompt payments to subcontractors or for labor, materials or equipment or if he disregards laws, ordinances, rules, regulations or orders of any public body having jurisdiction of the Work or if he disregards the authority of the Engineer, or he otherwise violates any provision of the Contract Documents, then the Owner may, without prejudice to any other right or remedy and after giving the Contractor and his surety a minimum of ten (10) days from delivery of a written notice, terminate the services of the Contractor and take possession of the Project and of all materials, equipment, tools, construction equipment and machinery thereon owned by the Contractor, and finish the Work by whatever method he may deem expedient. In such case the Contractor shall not be entitled to receive any further payment until the Work is finished. If the unpaid balance of the Contract Price exceeds the direct and indirect costs of completing the Project, including compensation for additional professional services, such excess SHALL BE PAID TO THE CONTRACTOR. If such costs exceed such unpaid balance, the Contractor will pay the difference to the Owner. Such costs incurred by the Owner will be determined by the Engineer and incorporated in a Change Order.

18.3 Where the Contractor's services have been so terminated by the Owner, said termination shall not affect any right of the Owner against the Contractor then existing or which may thereafter accrue. Any retention or payment of monies by the Owner due the Contractor will not release the Contractor from compliance with the Contract Documents.

18.4 After ten (10) days from delivery of a written notice to the Contractor and the Engineer, the Owner may, without cause and without prejudice to any other right or remedy, elect to abandon the Project and terminate the Contract. In such case, the Contractor shall be paid for all Work executed and any expense sustained plus reasonable profit.

18.5 If, through no act or fault of the Contractor, the Work is suspended for a period of more than ninety (90) days by the Owner or under an order of Court or other public authority, or the Engineer fails to act on any request for payment within thirty (30) days after it is submitted, or the Owner fails to pay the Contractor substantially the sum approved by the Engineer or awarded by arbitrators within thirty (30) days of its approval and presentation, then the Contractor may, after ten (10) days from delivery of a written notice to the Owner and

the Engineer, terminate the Contract and recover from the Owner payment for all Work executed and all expenses sustained.

In addition and in lieu of terminating the Contract, if the Engineer has failed to act on a request for payment or if the Owner has failed to make any payment as aforesaid, the Contractor may, upon ten (10) days written notice to the Owner and the Engineer, stop the Work until he has been paid all amounts then due, in which event and upon resumption of the Work, Change Orders shall be issued for adjusting the Contract Price or extending the Contract Time or both to compensate for the costs and delays attributable to the stoppage of the Work.

- 18.6 If the performance of all or any portion of the Work is suspended, delayed, or interrupted as a result of a failure of the Owner or Engineer to act within the time specified in the Contract Documents, or if no time is specified, within a reasonable time, an adjustment in the Contract Price or an extension of the Contract Time, or both, shall be made by Change Order to compensate the Contractor for the costs and delays necessarily caused by the failure of the Owner or Engineer.
- 18.7 If the Contractor intends to file a claim for additional compensation for a delay caused by the Owner or Engineer at a particular time, he shall file a Notice of Claim with the Owner within 7 days of the beginning of the occurrence. The Notice of Claim shall be in duplicate, in writing, and shall state the circumstances and the reasons for the Claim, but need not state the amount. No Claim for additional compensation will be considered unless a Notice of Claim has been filed with the Owner within the time and in the matter stated above.
- 18.8 If the Contractor is delayed in the progress of the work due to unforeseeable causes beyond the control and without the fault or negligence of the Contractor and other than by any act or neglect of the Owner or the Engineer, the Contractor shall, within 48 hours of the start of the occurrence, give notice to the Owner of the cause of the potential delay and an estimate of the possible time extension involved. Within 7 days after the cause of the delay has been remedied, the Contractor shall give notice to the Owner of any actual time extension requested as a result of the aforementioned occurrence.
- 18.9 No extension of time will be considered for time lost due to weather conditions normal to the area. Unusual weather conditions, if determined by the Engineer to be of a severity that could not be predicted, may be considered as cause for an extension of Contract completion time.
- 18.10 Delays in delivery of equipment or material purchased by the Contractor or his subcontractors shall not be considered as a just cause for delay. The Contractor shall be fully responsible for the timely ordering, scheduling, expediting delivery, and installation of all equipment and materials.
- 18.11 Within a reasonable period after the Contractor submits to the Owner a written request for an extension of time, the Engineer will present his written opinion to the Owner as to whether an extension of time is justified and, if so, his recommendation as to the number of days for time extension. The Owner will make the final decision on all requests for extension of time.
- 18.12 In no event shall the Contractor be entitled under this Contract to collect or recover any damages, loss, or expense incurred by any delay other than as caused by the Owner or Engineer.

19. PAYMENTS TO CONTRACTOR

- 19.1 At least ten (10) days before each progress payment falls due (but not more often than once a month), the Contractor will submit to the Engineer a partial payment estimate filled out and signed by the Contractor covering the Work performed during the period covered by the partial payment estimate and supported by such data as the Engineer may reasonably require. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at the site or in a bonded warehouse, the partial payment estimate shall also be accompanied by such supporting data, satisfactory to the Owner, as will establish the Owner's title to the material and equipment and protect his interest therein, including applicable insurance, the Contractor shall show compliance with Section 33 requirements. The

Engineer will, within ten (10) days after receipt of each partial payment estimate, either indicate in writing his approval of payment and present the partial payment estimate to the Owner, or return the partial payment estimate to the Contractor indicating in writing his reasons for refusing to approve payment. In the latter case, the Contractor may make the necessary corrections and resubmit the partial payment estimate. The Owner will, within thirty (30) days of presentation to him of an approved partial payment estimate, pay the Contractor a progress payment on the basis of the approved partial payment estimate. The Owner shall retain five percent (5%) of the amount of each payment until final completion and acceptance of all work covered by the Contract Documents. On completion and acceptance of a part of the Work on which the price is stated separately in the Contract Documents, payment may be made in full, including retained percentages, less authorized deduction.

- 19.1.1 "For any monies earned by the Contractor and withheld by the Owner to ensure the performance of the Contract, the Contractor may, at his request and expense, substitute securities equivalent to the amount withheld in the form and manner and subject to the conditions provided in Part 5 (commencing with Section 22300), Division 2, of the Public Contract Code of the State of California."
- 19.1.2 "Substitution of Securities for Withheld Amounts": Pursuant to Part 5 (commencing with Section 22300), Division 2, of the Public Contract Code of the State of California, securities may be substituted for any monies withheld by a public agency to ensure performance under a Contract. At the request and expense of the Contractor, securities equivalent to the amount withheld shall be deposited with the public agency, or with a State or Federally chartered bank as the escrow agent, who shall pay such monies to the Contractor upon satisfactory completion of the Contract.
- 19.1.3 Securities eligible for substitution under this Section shall include those listed in Section 16430 of the Government Code of the State of California, or bank, or savings and loan certificate of deposit.
- 19.1.4 The Contractor shall be the beneficial owner of any securities substituted for monies withheld and shall receive any interest thereon.
- 19.1.5 Any escrow agreement entered into pursuant to this Section shall contain as a minimum, the following provisions:
 - (a) The amount of securities to be deposited;
 - (b) The terms and conditions of conversion to cash in case of the default of the Contractor; and,
 - (c) The termination of the escrow upon completion of the Contract.
- 19.2 The request for payment may also include an allowance for the cost of such major materials and equipment which are suitably stored either at or near the site.
- 19.3 Prior to Substantial Completion, the Owner, with the approval of the Engineer and with the concurrence of the Contractor, may use any completed or substantially completed portions of the Work.
- 19.4 The Owner shall have the right to enter the premises for the purpose of doing work not covered by the Contract Documents. This provision shall not be construed as relieving the Contractor of the sole responsibility for the care and protection of the Work, or the restoration of any damaged Work except such as may be caused by agents or employees of the Owner.
- 19.5 Upon completion of all the Work under this Contract, the Contractor shall notify the Engineer, in writing, and shall request final payment. If the Work has been completed to the intent of the Contract Documents, the Engineer will recommend acceptance of the completed work and submit a final estimate of the amount due the Contractor under this Contract. Within ten (10) days following Owner's acceptance of the Work, the Owner will file a Notice of Completion with the County Recorder's Office. Thirty-five (35) days after the filing of the Notice of Completion, providing that a Release of Liens or Claims has been received from the Contractor, the Owner will pay to the Contractor all monies due him, less authorized deductions, under the provision of these Contract Documents.

If any lien or claim remains unsatisfied after all payments to the Contractor are made, the Contractor shall

refund to the Owner all monies that the latter may be compelled to pay in discharging such a lien or claim, including all costs and reasonable attorneys' fees.

- 19.6 The Contractor will indemnify and save the Owner or the Owner's agents harmless from all claims growing out of the lawful demands of subcontractors, laborers, workmen, mechanics, materialmen, and furnishers of machinery and parts thereof, equipment, tools, and all supplies, incurred in the furtherance of the performance of the Work. The Contractor shall, at the Owner's request, furnish satisfactory evidence that all obligations of the nature designated above have been paid, discharged, or waived. If the Contractor fails to do so, the Owner may, after having notified the Contractor, either pay unpaid bills or withhold from the Contractor's unpaid compensation a sum of money deemed reasonably sufficient to pay any and all such lawful claims until satisfactory evidence is furnished that all liabilities have been fully discharged whereupon payment to the Contractor shall be resumed in accordance with the terms of the Contract Documents, but in no event shall the provisions of this sentence be construed to impose any obligations upon the Owner to either the Contractor, his Surety, or any third party. In paying any unpaid bills of the Contractor, any payment so made by the Owner shall be considered as a payment made under the Contract Documents by the Owner to the Contractor and the Owner shall not be liable to the Contractor for any such payments made in good faith.
- 19.7 If the Owner fails to make payment thirty (30) days after approval by the Engineer, in addition to other remedies available to the Contractor, there shall be added to each such payment, interest at the maximum legal rate commencing on the first day after said payment is due and continuing until the payment is received by the Contractor.
- 19.8 For work to be done for a lump sum price, the Contractor shall submit a price breakdown to the Engineer immediately after award of the Contract. The price breakdown as agreed upon between the Contractor and Engineer shall be used for preparing future estimates for partial payments to the Contractor, and shall list the major items of the Work and a price for each item. Overhead, other general costs, and profit shall be prorated to each item so that the total of the prices for all items equals the lump sum price. The price breakdown shall be subject to the approval of the Engineer, and the Contractor may be required to verify the prices for any or all items.
- 19.9 Payroll certification forms provided by the Contractor, and fully executed, shall be filed with the Owner at the time of the submission of each claim for a progress payment and also when the claim for final payment is submitted. Wage report forms shall be completed and submitted as required by the applicable Federal agency.

20. ACCEPTANCE OF FINAL PAYMENT AS RELEASE

- 20.1 The acceptance by the Contractor of final payment shall be and shall operate as a release to the Owner of all claims and all liability to the Contractor other than claims in stated amounts as may be specifically excepted by the Contractor for all things done or furnished in connection with this Work and for every act and neglect of the Owner and others relating to or arising out of this Work. Any payment, however, final or otherwise, shall not release the Contractor or his sureties from obligations under the Contract Documents or the Performance Bond and Payment Bonds.

21. INSURANCE

- 21.1 CONTRACTOR shall not commence work under this Agreement until he has obtained all the insurance required herein, certificates of insurance have been submitted to COUNTY and said insurance has been approved by COUNTY. The certificates of insurance shall contain a provision that coverage afforded under the policies will not be canceled until at least thirty days (30) prior written notice has been given to COUNTY.
- 21.2 CONTRACTOR shall not allow any subcontractor to commence work on his subcontract until the insurance required of the subcontractor has been obtained.

- 21.3 Any failure of CONTRACTOR to maintain the insurance required by this section, or to comply with any of the requirements of this section, shall constitute a material breach of the entire Agreement.
- 21.4 Certificates evidencing the issuance of the following insurance shall be filed with the COUNTY within ten (10) days after the date of execution of this Agreement by CONTRACTOR:
- a. Compensation Insurance CONTRACTOR shall procure and maintain, at CONTRACTOR'S own expense, during the term hereof, Workers' Compensation Insurance and Employer's Liability Insurance as required by the State of California, for all employees to be engaged in work. In case any such work is sublet, CONTRACTOR shall require subcontractor similarly to provide Employer's Liability and Workers' Compensation Insurance for all of the latter's employees to be engaged in such work unless such employees are covered by the protection afforded by CONTRACTOR's Workers' Compensation Insurance. Employer's Liability Insurance shall be in an amount not less than \$1,000,000 per occurrence
 - b. Commercial General Liability CONTRACTOR shall procure and maintain, at CONTRACTOR's own expense during the term hereof, upon himself and his employees at all times during the course of this Agreement, Commercial General Liability Insurance for bodily injury, personal injury and property damage, in an amount of not less than One Million dollars (\$1,000,000) combined single-limit coverage per occurrence including but not limited to endorsements for the following coverages: premises-operations, products and completed operations, blanket contractual, and independent contractor's liability.
 - c. Automobile Liability Insurance CONTRACTOR shall procure and maintain, at CONTRACTOR's own expense during the term hereof, Comprehensive Automobile Liability Insurance, both bodily injury and property damage on owned, hired, leased and non-owned vehicles used in connection with CONTRACTOR's business in an amount of not less than One Million dollars (\$1,000,000) combined single-limit coverage per occurrence.
 - d. Builder's Risk Insurance The Contractor shall secure, if applicable, "All Risk" type Builder's Risk Insurance for Work to be performed. Unless specifically authorized by the Owner, the amount of such insurance shall not be less than the Contract Price totaled in the Bid. The policy shall cover not less than the losses due to fire, explosion, hail, lightning, vandalism, malicious mischief, wind, collapse, riot, aircraft, earth movement, localized flooding, theft, machinery damage, and smoke during the Contract Time, and until the Work is accepted by the Owner. The policy shall name as the insured the Contractor, the Engineer, and the Owner.

Such insurance shall exclude coverage for damages which have been proximately caused by "acts of God", in excess of five percent (5%) of the Contract amount, as such acts are defined in Section 4151 of the Government Code of the State of California as amended. Such insurance shall not exclude coverage for damages caused by earthquake of a magnitude less than that defined in said Section 4151 as an "act of God", or loss caused by the results of faulty workmanship. Such insurance shall provide for losses to be paid the Contractor and the Owner, as their interests may appear. Such insurance may have a deductible clause not to exceed \$1,000 except that the deductible on earthquake may be in accordance with the Underwriter's requirements provided that it does not exceed two percent (2%) of the amount of risk at the time of loss. All Risk insurance need not be provided for buried pipe.

Insurance exclusions shall also include any tools owned by mechanics, or any item owned or rented by the Contractor or subcontractor, the capital value of which is not included in the Contract Sum.

The Builder's Risk policy shall be endorsed to add General or Prime Contractor and all subcontractors as an additional names insured, as their interest may appear, and to waive the carrier's right of recovery under subrogation against Engineer, General or Prime Contractor and all subcontractors whose interest are insured under such policy.

If a claim results from any construction activity, the responsibly General or Prime Contractor shall pay the deductible amount. All Builder's Risk losses will be adjusted with and payable to Owner. Owner shall not be responsible for loss or damage to and will not obtain and/or maintain in force insurance on temporary structures, construction equipment, tools or personal effects, owned, rented to, or in the care, custody and control of General or Prime Contractor or any subcontractor.

In the event of loss or damage not covered by the Builder's Risk policy, the cost of the repair and/or replacement of such loss or damage will be at the CONTRACTOR's expense.

- 21.5 The Contractor shall, if demanded by the Owner, deliver to the Owner all such policy or policies of insurance and the receipts for payment of premiums thereon; and should the Contractor neglect to obtain and maintain in force any such insurance or deliver such policy or policies and receipts to the Owner, then it shall be lawful for the Owner to obtain and maintain such insurance, and the Contractor hereby appoints the Owner his true and lawful attorney to do all things necessary for this purpose. All money expended by the Owner for insurance premiums under the provisions of this Article shall be charged to the Contractor.
- 21.6 Subcontractors: CONTRACTOR shall include all subcontractors as insureds under the aforesaid policies or shall furnish separate certificates and endorsements for each subcontractor to COUNTY for review and approval. All coverages for subcontractors shall be subject to all of the requirements hereinabove and contain the additional insured endorsement required by CONTRACTOR hereinafter.
- 21.7 Other Insurance Provisions
- a. The Commercial General Liability and automobile policies are to contain, or be endorsed to contain, the following provisions:
 - 1.) The COUNTY, its officers, officials, employees, agents and volunteers are to be covered as additional insureds. CONTRACTOR shall not commence work under this Contract until he has had delivered to COUNTY the Additional Insured Endorsements required herein.
 - 2.) Coverage shall not extend to any indemnity coverage for the active negligence of the additional insured in any case where an agreement to indemnify the additional insured would be invalid under Subdivision (b) of Section 2782 of the Civil Code.
 - 3.) For any claims related to this project, the CONTRACTOR's insurance coverage shall be primary insurance as respects the COUNTY, its officers, officials, employees, agents and volunteers. Any insurance or self-insurance maintained by COUNTY, its officers, officials, employees, agents or volunteers shall be excess of the CONTRACTOR's insurance and shall not contribute with it.
 - b. The following provisions shall apply to all of the insurance coverages hereinabove:
 - 1.) Any deductibles or self-insured retentions must be declared to and approved by COUNTY. At the option of COUNTY, either: CONTRACTOR shall reduce or eliminate such deductibles or self-insurance retentions; or CONTRACTOR shall provide a financial guarantee satisfactory to COUNTY guaranteeing payment of losses and related investigations, claim administration and defense expenses.
 - 2.) Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A.VII.
 - 3.) Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve the CONTRACTOR for liability in excess of such coverage, nor shall it preclude COUNTY from taking other actions as is available to it under any other provision of the Agreement or law. Failure of COUNTY to enforce in a timely manner any of the provisions of this section shall not act as a waiver to enforcement of any of these provisions at a later date.

22. CONTRACT SECURITY

- 22.1 The Contractor shall within ten (10) days after the receipt of the Notice of Award furnish the Owner with a Performance Bond and a Payment Bond in penal sums equal to the amount of the Contract price, conditioned upon the performance by the Contractor of all undertakings, covenants, terms, conditions and agreements of the Contract Documents, and upon the prompt payment by the Contractor to all persons supplying labor and materials in the prosecution of the Work provided by the Contract Documents. Such Bonds shall be executed by the Contractor and a corporate bonding company licensed to transact such business in the State of California and named on the current list of "Surety Companies Acceptable on Federal Bonds" as published in the Treasury Department Circular Number 570. Said Bonds shall be in the forms set forth in the Contract Documents, each made payable to the Owner. The expense of these Bonds shall be borne by the Contractor. If at any time a surety on any such Bond is declared a bankrupt, or loses its right to do business in the State of California, or is removed from the list of Surety Companies accepted on Federal Bonds, Contractor shall within ten (10) days after notice from the Owner to do so, substitute an acceptable Bond (or Bonds) in such

form and sum and signed by such other surety or sureties as may be satisfactory to the Owner. The premiums on such Bond shall be paid by the Contractor. No further payments shall be deemed due nor shall be made until the new surety or sureties shall have furnished an acceptable Bond to the Owner.

23. ASSIGNMENTS

- 23.1 The Contractor shall not assign any interest in this Contract and shall not transfer any interest in the same without the prior written consent of the Owner, except that claims for money due or to become due the Contractor from the Owner under this Contract may be assigned by the Contractor to a bank, trust company, or other financial institution without such approval; written notice of any such transfer shall be furnished promptly to the Owner. Any attempt at assignment of rights under this Contract except for those specifically consented to by both parties or as stated above shall be void.

24. INDEMNIFICATION

- 24.1 CONTRACTOR shall indemnify and defend COUNTY and its officers, employees, and agents against and hold them harmless from any and all claims, losses, damages, and liability for damages, including attorney's fees and other costs of defense incurred by COUNTY, whether for damage to or loss of property, or injury to or death of person, including properties of COUNTY and injury to or death of COUNTY officials, employees or agents, arising out of, or alleged to arise out of, or connected with CONTRACTOR's operations hereunder or the performance of the work described herein, unless such damage, loss, injury or death is caused solely by the negligence of COUNTY.
- 24.2 In any and all claims against the Owner or the Engineer, or any of their agents or employees, by any employee of the Contractor, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may not be liable, the indemnification obligation shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor or any subcontractor under workers' compensation acts, disability benefit acts or other employee benefits acts.
- 24.3 The obligation of the Contractor under this paragraph shall not extend to the liability of the Engineer, his agents or employees arising out of the preparation or approval of maps, Drawings, opinions, reports, surveys, Change Orders, designs or Specifications.
- 24.4 If any action at law or in equity is necessary to enforce or interpret the terms of this Agreement, the prevailing party shall be entitled to reasonable attorney's fees, costs, and necessary disbursements in addition to any other relief to which such party may be entitled.

25. SEPARATE CONTRACTS

- 25.1 The Owner reserves the right to let other Contracts in connection with this Project. The Contractor shall afford other Contractors reasonable opportunity for the introduction and storage of their materials and the execution of their WORK, and shall properly connect and coordinate his WORK with theirs. If the proper execution or results of any part of the Contractor's Work depends upon the Work of any other Contractor, the Contractor shall inspect and promptly report to the Engineer any defects in such Work that render it unsuitable for such proper execution and results.
- 25.2 The Owner may perform additional Work related to the Project by himself, or he may let other Contracts containing provisions similar to these. The Contractor will afford the other Contractors who are parties to such Contracts (or the Owner, if he is performing the additional Work himself), reasonable opportunity for the introduction and storage of materials and equipment and the execution of Work and shall properly connect and coordinate his Work with theirs.
- 25.3 If the performance of additional Work by other Contractors or the Owner is not noted in the Contract Documents prior to the execution of the Contract, written notice thereof shall be given to the Contractor prior to starting any such additional Work. If the Contractor believes that the performance of such additional Work

by the Owner or others involves him in additional expense or entitles him to an extension of the Contract Time, he may make a claim therefor as provided in Sections 14 and 15.

26. SUBCONTRACTING

- 26.1 The Contractor may utilize the services of specialty subcontractors on those parts of the Work which, under normal contracting practices, are performed by specialty Subcontractors.
- 26.2 The Contractor shall not award Work to subcontract(s), in excess of fifty percent (50%) of the Contract Price, without prior written approval of the Owner.
- 26.3 The Contractor shall be fully responsible to the Owner for the acts and omissions of his subcontractors, and of persons either directly or indirectly employed by them, as he is for the acts and omissions of persons directly employed by him.
- 26.4 The Contractor shall cause appropriate provisions to be inserted in all subcontracts relative to the Work to bind subcontractors to the Contractor by the terms of the Contract Documents insofar as applicable to the Work of subcontractors and to give the Contractor the same power as regards terminating any subcontract that the Owner may exercise over the Contractor under any provision of the Contract Documents.
- 26.5 Nothing contained in the Contract shall create any contractual relation between any subcontractor and the Owner.
- 26.6 The Contractor shall list on his Bid Proposal all subcontractors performing work or labor in an amount in excess of one-half of one percent (1/2 of 1%) of the total amount of Contractor's proposal. Listing of subcontractors is mandatory under Sections 4100-4113 of the California Public Contract Code.
- 26.7 Pursuant to the provisions in Section 1777.1 of the Labor Code, the Labor Commissioner publishes and distributes a list of contractors ineligible to perform work as a subcontractor on a public works project. This list of debarred contractors is available from the Department of Industrial Relations web site at: http://www.dir.ca.gov/dir/Labor_law/DLSE/Debar.html.
- 26.8 **PROMPT PROGRESS PAYMENTS TO SUBCONTRACTORS**
Attention is directed to the provisions in Sections 10262 and 10262.5 of the Public Contract Code and Section 7108.5 of the Business and Professions Code concerning prompt payment to subcontractors.

The prime contractor agrees to pay each subcontractor under this prime contract for satisfactory performance of its contract no later than 10 days from the receipt of each payment the prime contractor receives from County of Lake.

Any delay or postponement of payment from the above referenced time frame may occur only for good cause following written approval of the County of Lake.

26.9 PROMPT PAYMENT OF WITHHELD FUNDS TO SUBCONTRACTOR

The prime contractor agrees further to release retainage payments to each subcontractor within 30 days after the subcontractor's work is satisfactorily completed. Any delay or postponement of payment from the above referenced time frame may occur only for good cause following written approval of the County of Lake.

The Contractor shall return all moneys withheld in retention from the subcontractor as stated above, even if the other contract work is not completed and has not been accepted in conformance with Section 48 "Final Inspection", of these General Conditions. This requirement shall not be construed to limit or impair any contractual, administrative, or judicial remedies otherwise available to the Contractor or subcontractor in the event of a dispute involving late payment or nonpayment by the Contractor or deficient subcontract performance or noncompliance by a subcontractor.

27. ENGINEER'S AUTHORITY

- 27.1 The Engineer shall act as the Owner's representative during the construction period. He shall decide questions which may arise as to quality and acceptability of materials furnished and Work performed. He shall interpret the intent of the Contract Documents in a fair and unbiased manner. The Engineer will make visits to the site and determine if the Work is proceeding in accordance with the Contract Documents.
- 27.2 The Contractor will be held strictly to the intent of the Contract Documents in regard to the quality of materials, workmanship and execution of the Work. Inspections may be made at the factory or fabrication plant of the source of material supply.
- 27.3 The Engineer will not be responsible for the construction means, controls, techniques, sequences, procedures, or construction safety.
- 27.4 The Engineer shall promptly make decisions relative to interpretation of the Contract Documents.

28. LAND AND RIGHTS OF WAY

- 28.1 Prior to issuance of Notice to Proceed, the Owner shall obtain all land and rights of way necessary for carrying out and for the completion of the Work to be performed pursuant to the Contract Documents, unless otherwise mutually agreed.
- 28.2 The Owner shall provide to the Contractor information which delineates and describes the lands owned and rights of way acquired.
- 28.3 The Contractor shall provide at his own expense and without liability to the Owner any additional land and access thereto that the Contractor may desire for temporary construction facilities, or for storage of materials.

29. GUARANTY

- 29.1 The Contract shall guarantee all materials and equipment furnished and Work performed for a period of one (1) year from the date of Substantial Completion. The Contractor warrants and guarantees for a period of one (1) year from the date of Substantial Completion of the system that the completed system is free from all defects due to faulty materials or workmanship and the Contractor shall promptly make such corrections as may be necessary by reason of such defects including the repairs of any damage to other parts of the system resulting from such defects. The Owner will give notice of observed defects with reasonable promptness. In the event that the Contractor should fail to make such repairs, adjustments, or other Work that may be made necessary by such defects, the Owner may do so and charge the Contractor the cost thereby incurred. The Performance Bond shall remain in full force and effect through the guarantee period.

30. TAXES

- 30.1 The Contractor will pay all sales, consumer, use and other similar taxes required by the law of the place where the Work is performed.

31. QUANTITIES OF ESTIMATE

- 31.1 Wherever the estimated quantities of Work to be done and materials to be furnished under this Contract are shown in any of the documents including the Proposal, they are given for use in comparing bids, and the right is especially reserved, except as herein otherwise specifically limited, to increase or diminish them as may be deemed reasonably necessary or desirable by the OWNER to complete the Work contemplated by this Contract, and such increase or diminution shall in no way vitiate this Contract, nor shall any such increase or diminution give cause for claims, liability for damage, or adjustment to Contract item bid price.

32. VERIFICATION AND WARRANTY

- 32.1 The Contractor shall determine the nature and location of the WORK, the general and local conditions, and all

other matters which can in any way affect the Work under this Contract. Failure to make an examination necessary for this determination shall not release the Contractor from the obligations of this Contract. The Contractor warrants that no oral agreement or conversation with any officer, agent, or employee of the Owner, or with the Engineer, either before or after the execution of this Contract, has affected or modified any of the terms or obligations herein contained.

33. DOCUMENTS TO BE KEPT ON THE JOB SITE

- 33.1 The Contractor shall keep one copy of the Contract Documents on the job site, in good order, available to the Engineer, his representatives and representatives of all agencies having jurisdiction over the Work.
- 33.2 The Contractor shall maintain on the job site, and make available to the Engineer on request, one current full-size marked-up set of the design drawings which accurately indicate all variations in the completed work that differ from the design information shown on the Plans. Said Plans shall show actual locations and elevations of all buried and concealed Work including piping, conduit, valves, stub outs and the like. Elevations shall be referenced to first floor finished elevation as datum. Locating dimensions shall be referenced to permanently fixed, accessible, and readily identifiable portions of building or site appurtenances by intersecting coordinate dimensions parallel to and at right angles to building lines.
- 33.3 Contractor shall provide and keep an up-to-date and complete record set of shop drawings. These prints shall be corrected daily and show every change from the approved shop drawings. This set of drawings shall be kept on the job site and shall be used only as a record set. This shall not be construed as authorization for the Contractor to make changes in the contract documents without written authorization. Contractor shall provide proof that the documents are being updated as noted above prior to issuing each payment request. Contractor's payment shall be contingent upon verification of documentation of as-built conditions.

34. ADDITIONAL CONTRACT DOCUMENTS

- 34.1 The Engineer will furnish to the Contractor, on request and free of charge, not more than 5 copies of the Contract Documents and 5 sets of full-size Plans. Additional copies of Contract Documents or Plans may be obtained on request by paying the actual cost of reproducing the Contract Documents or Plans.

35. NO PERSONAL LIABILITY OF PUBLIC OFFICIALS

- 35.1 In carrying out any of the provisions hereof in exercising any authority granted by the Contract, there will be no personal liability upon any public official.

36. RECEPTION OF ENGINEER'S DIRECTIONS

- 36.1 The Superintendent, or other duly authorized representative of the Contractor, shall represent the Contractor in all matters given to him by the Engineer. Such directions of major importance will be confirmed in writing. Any directions will be so confirmed in each case on written request from the Contractor.

37. EMPLOYEES

- 37.1 The Contractor shall employ only competent subcontractors or skillful persons to do the work, and whenever any subcontractor or person shall appear to be incompetent or to act in a disorderly or improper manner, such person shall be removed from the Work and not again employed under this Contract. The Contractor shall not make any substitution for any subcontractor, person or entity previously selected unless the substitution is acceptable to the Owner.

38. REQUIREMENTS OF CALIFORNIA LAW FOR PUBLIC CONTRACTS

38.1 GENERAL

When the Contract Documents concern public works of the State or any county, municipality, or political subdivision created by its laws, the applicable statutes of the State of California shall apply including, but not limited to, the California Labor Code, Chapter I, Public Works. This contract shall also be subject to the

provisions of the Labor Compliance Program (if applicable).

38.2 USE OF APPRENTICES ON PUBLIC WORKS PROJECTS

Attention is directed to the provisions in Sections 1777.5 (Chapter 1411, Statutes of 1968) and 1777.6 of the Labor Code concerning the employment of apprentices by the Contractor or any subcontractor under him.

Section 1777.5, as amended, requires the Contractor or subcontractor employing tradesmen in any apprenticeable occupation to apply to the joint apprenticeship committee nearest the site of the public works project and which administers the apprenticeship program in that trade for a certificate of approval.

The ratio of work performed by apprentices to journeymen who shall be employed in the craft or trade on the public work may be the ratio stipulated in the apprenticeship standards under which the joint apprenticeship committee operates, but, except as otherwise provided in Section 1777.5, in no case shall the ratio be less than one hour of apprentices work for every five hours of labor performed by a journeyman. However, the minimum ratio for the land surveyor classification shall not be less than one apprentice for each five journeymen.

The joint apprenticeship committee shall have the discretion to grant a certificate, subject to the approval of the Administrator of Apprenticeship, exempting a contractor from the 1-to-5 ratio set forth in this section when it finds that any one of the following conditions is met:

- (a) Unemployment for the previous three-month period in the area exceeds an average of fifteen percent (15%).
- (b) The number of apprentices in training in such area exceeds a ratio of 1 to 5.
- (c) There is a showing that the apprenticeable craft or trade is replacing at least one-thirtieth (1/30) of its journeymen annually through apprenticeship training, either on a statewide bases, or on a local basis.
- (d) Assignment of an apprentice to any work performed under a public works contract would create a condition which would jeopardize his or her life or the life, safety, or property of fellow employees or the public at large or if the specific task to which the apprentice is to be assigned is of such a nature that training cannot be provided by a journeyman.

A contractor to whom the contract is awarded, or any subcontractor under him or her, who, in performing any of the work under the contract, employs journeyman or apprentices in any apprenticeable craft or trade and who is not contributing to a fund or funds to administer and conduct the apprenticeship program in any craft or trade in the area of the site of the public work, to which fund or funds other contractors in the area of the site of the public work are contributing, shall contribute to the fund or funds in each craft or trade in which he or she employs journeymen or apprentices on the public work in the same amount or upon the same basis and in the same manner as the other contractors do, but where the trust fund administrators are unable to accept the funds, contractors not signatory to the trust agreement shall pay a like amount to the California Apprenticeship Council. The contractor or subcontractor may add the amount of the contributions in computing his or her bid for the contract. The Division of Labor Standards Enforcement is authorized to enforce the payment of the contributions to the fund or funds as set forth in Section 227.

The responsibility of compliance with this section for all apprenticeable occupations is with the prime contractor.

The Contractor and any subcontractor under him shall comply with the requirements of Sections 1777.5 and 1777.6 in the employment of apprentices.

The provisions of Section 1777.5 shall not apply to contracts of general contractors or to contracts of specialty contractors not bidding for work through a general or prime contractor, when the contract involves less than thirty thousand dollars (\$30,000) or twenty (20) working days.

Information relative to apprenticeship standards, wage schedules, and other requirements may be obtained from the Director of Industrial Relations, ex officio the Administrator of Apprenticeship, San Francisco, California, or from the Division of Apprenticeship Standards at its branch office.

38.3 LABOR DISCRIMINATION

Add the following subsection:

- 38.3.1 Attention is directed to the following "Nondiscrimination Clause" that is required by Chapter 5 of Division 4 of Title 2, California Code of Regulations.

NONDISCRIMINATION CLAUSE

1. During the performance of this contract, contractor and its subcontractors shall not unlawfully discriminate against any employee or applicant for employment because of race, religion, color, national origin, ancestry, physical handicap, medical condition, marital status, age (over 40) or sex. Contractors and subcontractors shall ensure that the evaluation and treatment of their employees and applicants for employment are free of such discrimination. Contractors and subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Gov. Code, Section 12990 et seq.) and the applicable regulations promulgated thereunder (California Code of Regulations, Title 2, Section 7285.0 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code, Section 12990, set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations are incorporated into this contract by reference and made a part hereof as if set forth in full. Contractor and its subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.
2. This Contractor shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under the contract.

**STANDARD CALIFORNIA NONDISCRIMINATION CONSTRUCTION CONTRACT SPECIFICATIONS
(GOV. CODE, SECTION 12990).**

These specifications are applicable to all state contractors and subcontractors having a construction contract or subcontract of \$5,000, or more.

1. As used in the specifications:
 - a. "Administrator" means Administrator, Office of Compliance Programs, California Department of Fair Employment and Housing, or any person to whom the Administrator delegates authority;
 - b. "Minority" includes:
 - (i) Black (all persons having primary origins in any of the black racial groups of Africa, but not of Hispanic origin);
 - (ii) Hispanic (all persons of primary culture or origin in Mexico, Puerto Rico, Cuba, Central or South America or other Spanish derived culture or origin regardless of race);
 - (iii) Asian / Pacific Islander (all persons having primary origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent or the Pacific Islands); and
 - (iv) American Indian / Alaskan Native (all persons having primary origins in any of the original peoples of North America and who maintain culture identification through tribal affiliation or community recognition).
2. Whenever the contractor or any subcontractor subcontracts a portion of the work, it shall physically include in each subcontract of \$5,000 or more the nondiscrimination clause in this contract directly or through incorporation by reference. Any subcontract for work involving a construction trade shall also include the Standard California Construction Contract Specifications, either directly or through incorporation by reference.
3. The contractor shall implement the specific nondiscrimination standards provided in paragraph 6(a) through (e) of these specifications.
4. Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom the contractor has a collective bargaining agreement, to refer either minorities or women shall excuse the contractor's obligations under these specifications, Government Code, Section 12990, or the regulations promulgated pursuant thereto.
5. In order for the nonworking training hours of apprentices and trainees to be counted, such apprentices and trainees must be employed by the contractor during the training period, and the contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees

- must be trained pursuant to training programs approved by the U.S. Department of Labor or the California Department of Industrial Relations.
6. The contractor shall take specific actions to implement its nondiscrimination program. The evaluation of the contractor's compliance with these specifications shall be based upon its effort to achieve maximum results from its actions. The contractor must be able to demonstrate fully its efforts under Steps a. through e. below:
 - a. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and at all facilities at which the contractor's employees are assigned to work. The contractor, where possible, will assign two or more women to each construction project. The contractor shall specifically ensure that all foremen, superintendents, and other on-site supervisory personnel are aware of and carry out the contractor's obligations to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.
 - b. Provide written notification within seven days to the director of DFEH when the union or unions with which the Contractor has a collective bargaining agreement has not referred to the Contractor a minority person or woman sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.
 - c. Disseminate the Contractor's equal employment opportunity policy by providing notice of the policy to unions and training, recruitment and outreach programs and requesting their cooperation in assisting the Contractor to meet its obligations; and by posting the company policy on bulletin boards accessible to all employees at each location where construction work is performed.
 - d. Ensure all personnel making management and employment decisions regarding hiring, assignment, layoff, termination, conditions of work, training, rates of pay or other employment decisions, including all supervisory personnel, superintendents, general foremen, on-site foremen, etc., are aware of the Contractor's equal employment opportunity policy and obligations, and discharge their responsibilities accordingly.
 - e. Ensure that seniority practices, job classifications, work assignments and other personnel practices, do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the equal employment opportunity policy and the Contractor's obligations under these specifications are being carried out.
 7. Contractors are encouraged to participate in voluntary associations which assist in fulfilling their equal employment opportunity obligations. The efforts of a contractor association, joint contractor-union, contractor-community, or other similar group of which the contractor is a member and participant, may be asserted as fulfilling any one or more of its obligations under these specifications provided that the contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensures that the concrete benefits of the program are reflected in the Contractor's minority and female workforce participation, and can provide access to documentation which demonstrates the effectiveness of actions taken on behalf of the Contractor. The obligation to comply, however, is the Contractor's.
 8. The Contractor is required to provide equal employment opportunity for all minority groups, both male and female, and all women, both minority and non-minority. Consequently, the Contractor may be in violation of the Fair Employment and Housing Act (Gov. Code, Section 12990 et seq.) if a particular group is employed in a substantially disparate manner.
 9. Establishment and implementation of a bona fide affirmative action plan pursuant to Section 8104 (b) of this Chapter shall create a rebuttal presumption that a contractor is in compliance with the requirements of Section 12990 of the Government Code and its implementing regulations.
 10. The Contractor shall not use the nondiscrimination standards to discriminate against any person because of race, color, religion, sex, national origin, ancestry, physical handicap, medical condition, marital status or age over 40.
 11. The Contractor shall not enter into any subcontract with any person or firm decertified from state contracts pursuant to Government Code Section 12990.
 12. The Contractor shall carry out such sanctions and penalties for violation of these specifications and the nondiscrimination clause, including suspension, termination and cancellation of existing

subcontracts as may be imposed or ordered pursuant to Government Code Section 12990 and its implementing regulations by the awarding agency. Any Contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Government Code Section 12990.

13. The Contractor shall designate a responsible official to monitor all employment related activity to ensure that the company equal employment opportunity policy is being carried out, to submit reports relating to the provisions hereof as may be required by OCP and to keep records. Records shall at least include for each employee the name, address, telephone numbers, construction trade, union affiliation if any, employee identification number when assigned, social security number, race, sex, status, (e.g., mechanic, apprentice trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in any easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, contractors shall not be required to maintain separate records.

NOTE: Authority cited: Sections 12935(a) and 12990(d), Government Code. References: Section 12990, Government Code.

38.4 HOURS OF LABOR

Eight hours' labor constitutes a legal day's work. The Contractor shall forfeit, as penalty to the Owner, \$25 for each worker employed in the execution of the Contract, by him or by any subcontractor under him, for each calendar day during which any worker is required or permitted to labor more than 8 hours in violation of the provisions of the Labor Code and, in particular, Section 1810 to Section 1817 thereof, inclusive.

38.5 PREVAILING WAGE

The Contractor shall, as a penalty to the Owner, forfeit not more than fifty dollars (\$50) for each calendar day, or portion thereof, for each worker paid less than the stipulated prevailing rates for the work or craft in which the worker is employed for any public work done under the contract by him or her or by any subcontractor under him or her. The amount of forfeiture shall be determined by the Labor Commissioner and shall be based on consideration of the contractor's mistake, inadvertence, or neglect in failing to pay the correct rate of prevailing wages, or the previous record of the contractor in meeting his or her prevailing wage obligations, or a contractor's willful failure to pay the correct rates of prevailing wages. A mistake, inadvertence, or neglect in failing to pay the correct rate of prevailing wages is not excusable if the contractor has knowledge of his or her obligations under this part. The difference between the prevailing wage rates and the amount paid to each worker for each calendar day or portion thereof for which each worker was paid less than the prevailing wage rate shall be paid to each worker by the contractor.

The contractor shall pay each worker not less than prevailing wages on all public works projects, including maintenance work, exceeding \$1,000 in cost, in accordance with Section 1771 of the Labor Code. The contractor shall also pay travel and subsistence payments to all workers needed to execute the contract, in accordance with Section 1773.8 of the Labor Code.

The Owner will not recognize any claim for additional compensation because of the payment by the Contractor of any wage rate in excess of the prevailing wages set forth in the Contract Documents. The possibility of wage increases is one of the elements to be considered by the Contractor in determining his Proposal, and will not under any circumstances be considered as a basis of a claim against the Owner on the Contract.

39. SAFETY

- 39.1 The Contractor shall be solely and completely responsible for conditions of the job site, including safety of all persons (including employees) and property during performance of the Work. This requirement shall apply continuously and not be limited to normal working hours. Safety provisions shall conform to U. S. Department of Labor (OSHA), the California Occupational Safety and Health Act, and all other applicable Federal, State, County, and local laws, ordinances, codes, the requirements set forth below, and any regulations that may be detailed in other parts of these Documents. Where any of these are in conflict, the more stringent

requirement shall be followed. The Contractor's failure to thoroughly familiarize himself with the aforementioned safety provisions shall not relieve him from compliance with the obligations and penalties set forth herein.

- 39.2 The Contractor shall appoint for the duration of this Contract, a qualified supervisory employee to develop and/or supervise a Contractor's job safety program that will effectively implement the safety provisions of the above agencies.
- 39.3 The duty of the Engineer to conduct construction review of the Contractor's performance is not intended to include a review or approval of the adequacy of the Contractor's safety supervisor, the safety program, or any safety measures taken in, on, or near the construction site.
- 39.4 The Contractor, as a part of his safety program, shall maintain at his office or other well-known place at the job site, safety equipment applicable to the Work as prescribed by the aforementioned authorities, all articles necessary for giving first aid to the injured, and shall establish the procedure for the immediate removal to a hospital or a doctor's care of persons (including employees) who may be injured on the job site.
- 39.5 If death or serious injuries or serious damages are caused, the accident shall be reported immediately by telephone or messenger to both the Engineer and the Owner. In addition, the Contractor must promptly report in writing to the Engineer all accidents whatsoever arising out of, or in connection with, the performance of the Work whether on, or adjacent to, the site, giving full details and statements of witnesses.
- 39.6 If any claim is made by anyone against the Contractor or any subcontractor on account of any accident, the Contractor shall promptly report the facts in writing to the Engineer, giving full details of the claim.
- 39.7 When the presence of asbestos or hazardous substances are not shown on the plans or indicated in the specifications and the Contractor encounters materials which the Contractor reasonably believes to be asbestos or a hazardous substance as defined in Section 25914.1 of the Health and Safety Code, if the asbestos or hazardous substance has not been rendered harmless, the Contractor may continue work in unaffected areas reasonably believed to be safe, and shall immediately cease work in the affected area and report the condition to the Engineer in writing.

In accordance with Section 25914.1 of the Health and Safety Code, all such removal of asbestos or hazardous substances including any exploratory work to identify and determine the extent of such asbestos or hazardous substance will be performed by separate contract.

If delay of work in the area delays the current controlling operation, the delay will be considered a right of way delay and the Contractor will be compensated for such delay as provided in Section 8-1.09, "Right of Way Delays", of the Standard Specifications.

40. BEGINNING OF THE WORK

- 40.1 Before Work shall be started and materials ordered, the Contractor shall meet and consult with the Owner and/or Engineer relative to materials, equipment, right-of-way, schedules and all arrangements for prosecuting the Work.

41. SCHEDULES AND PROGRESS REPORTS

- 41.1 Prior to submittal of first partial payment request, the Contractor shall furnish the Engineer for his review, a schedule or schedules of expected progress of the Work under the Contract, showing approximately the dates on which each part or division of the Work is expected to be started and finished. The progress schedules shall be submitted regularly and shall cover a time period satisfactory to the Engineer. The Contractor shall also forward to the Engineer, with the request for progress payment each month, a summary report of the progress of the various parts of the Work under the Contract in the shops and in the field, stating the existing status, rate of progress, estimated time of completion, and cause of delay, if any. If the work is behind the submitted schedule, the Contractor shall submit in writing a plan acceptable to the Owner and Engineer for

bringing the work up to schedule.

42. CLAIMS

- 42.1 In any case where the Contractor deems additional compensation is due him for Work or materials not clearly covered in the Contract or by a Change Order, the Contractor shall provide written notice to the Engineer of such case at least 48 hours before he intends to begin the Work in question. If such notification is not given, then the Contractor hereby agrees to waive the claim for such extra compensation.

If the Engineer concurs that additional compensation is due the Contractor, a change will be issued as provided in Section 14.1. If not, the Contractor shall keep a record of the cost of the work in question, in accordance with the provisions of Section 14.1(c). Such notice by the Contractor, and the fact that the Engineer has kept account of the cost as aforesaid, shall not in any way be construed as proving the validity of the claim. Claims for additional compensation shall be made in itemized detail and submitted, in writing, to the Owner and Engineer within 10 days following completion of that portion of the work for which the Contractor bases his claim. In case the claim is found to be just, it shall be allowed and paid for under a Change Order subsequently issued for the purpose.

- 42.2 Claims shall be litigated in a court of competent jurisdiction.
- 42.3 The Director of Public Works will make the final determination of any claims which remain in dispute after completion of claim review by the Engineer's authorized representative. A Claim Review Board, appointed by the Director of Public Works, will review such claims and make a written recommendation. The Contractor may meet with the Claims Review Board to make a presentation in support of such claims with the Engineer's authorized representative present.

43. CLEANING UP

- 43.1 The Contractor shall at all time, at his own expense, keep property on which work is in progress and the adjacent property free from accumulations of waste material or rubbish caused by employees or by the work and shall maintain material stockpiles in a neat, safe and orderly manner. Upon completion of the construction, the Contractor shall, at his own expense, remove all temporary structures, rubbish, and waste materials resulting from his operation. In the event that the Contractor does not properly clean up promptly, the Owner may separately contract to do so and withhold the cost from the Contractor.

44. NO WAIVER OF RIGHTS

- 44.1 Neither the inspection by the Owner, through the Engineer or any of his employees, nor any order by the OWNER for payment of money, nor any payment for, or acceptance of, the whole or any part of the Work by the Owner or Engineer, nor any extension of time, nor any possession taken by the Owner or its employees, shall operate as a waiver of any provision of this Contract, or any power herein reserved to the Owner, or any right to damages herein provided, nor shall any waiver of any breach in this Contract be held to be a waiver of any other or subsequent breach.

45. ACCESS BY STATE AND LOCAL GOVERNMENT OFFICIALS

- 45.1 During construction, Contractor shall supervise, inspect and direct work competently and efficiently, devoting such attention thereto and applying such personal skills and expertise as may be required and necessary to perform the Work in accordance with the Contract Documents. The Contractor shall be responsible to see that the completed Work complies accurately with the Contract Documents.
- 45.2 Owner shall at their option, provide an Inspector and assistant Inspectors, if necessary, who shall act under the direction of the Engineer and the Owner as prescribed by law. Contractor in no way is relieved of any responsibility by the activities of Inspector.
- 45.3 Work shall be performed under the general observation and administration of Engineer. Contractor shall

immediately comply with orders and instructions given in accordance with terms of Contract by Engineer, or by any authorized assistant, inspector or other representative of Engineer acting within scope of duties entrusted, but nothing herein contained shall be taken to relieve Contractor of obligations or liabilities under Contract.

- 45.3.1 Engineer will provide administration of Contract and observation of the Work as hereinafter described.
- 45.3.2 Engineer will have authority to act on behalf of Owner only to extent provided in Contract Documents.
- 45.3.3 Engineer will visit site at intervals as agreed in the Owner / Engineer agreement. However, Engineer will not be required to make exhaustive or continuous on-site inspections to check quality or quantity of Work. On basis of on-site observations, Engineer will keep Owner informed of progress of Work, and will endeavor to guard Owner against defects and deficiencies in Work of Contractor.
- 45.3.4 Engineer will not be responsible for and will not have control or charge of construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Work.
- 45.3.5 Engineer will not be responsible for or have control or change over acts or omissions of Contractor, subcontractors, or any of their agents or employees, or any other persons performing Work.
- 45.3.6 Engineer will review Contractor's submittals such as Shop Drawings, Product Data and Samples, but only for conformance with design concept of Work and with information given in Contract Documents. Such action shall be taken with reasonable promptness so as to cause no delay.
- 45.3.7 Engineer will conduct inspections to recommend dates of Substantial Completions and Final Acceptance, will receive and forward to Owner for their review, written warranties and related documents required by Contract and assembled by Contractor.
- 45.3.8 Engineer will issue with reasonable promptness such written clarifications or interpretations of the requirements of the Contract Documents (in the form of Drawings and Specifications or otherwise) as Engineer may determine necessary, which shall be consistent with the intent of and reasonable inferable from the Contract Documents. Such written clarifications and interpretations will be binding on the Contractor, unless Owner in its discretion directs otherwise. If Contractor believes that a written clarification or interpretation justifies an adjustment in the Contract Sum or the Contract Times and the parties are unable to agree to the amount or extent thereof, if any, the Contractor may make a written claim therefore as provided herein.
- 45.3.9 Based on the observations, Engineer may disapprove or reject Work which Engineer believes to be defective, or that Engineer believes will not produce a complete Project that conforms to the Contract Documents or that will prejudice the integrity of the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. Engineer with consent of Owner, will also have authority to require special inspection or testing of Work, whether or not the work is fabricated, installed or completed.

46. FIRE PREVENTION AND PROTECTION

- 46.1 The Contractor shall perform all Work in a fire-safe manner. He shall supply and maintain, on the site, adequate fire fighting equipment capable of extinguishing incipient fires. The Contractor shall comply with applicable Federal, local and State fire prevention regulations and where the regulations do not cover, with applicable parts of the National Fire Prevention Standard for "Safeguarding Building Construction Operations", (NFPA No. 241).

47. STORAGE AND PROTECTION OF MATERIALS

- 47.1 Materials shall be so stored as to ensure the preservation of their quality and fitness for the Work. When considered necessary, they shall be placed on wooden platforms or other hard, clean surfaces, and not on the ground, and they shall be placed under cover. Stored materials shall be located so as to facilitate prompt

inspection. Private property shall not be used for storage purposes without the written permission of the Owner or lessee.

- 47.2 Electrical equipment, devices, and motors shall be placed in dry and warm storage as approved by the Engineer.
- 47.3 All equipment and materials which are not to be painted (such as aluminum and stainless steel) and all factory finished or coated equipment and materials which are not to be painted, that are installed prior to completion of adjacent work, shall be completely covered and protected.

48. FINAL INSPECTION

- 48.1 Upon completion of all the Work under this Contract, and before the request for final payment is made, Contractor shall notify the Engineer in writing, and request a Final Inspection of the Work. This request shall include Contractor's certification that the Contract Documents have been reviewed, that the Project has been inspected for compliance and completed in accordance with the Contract Documents, that Work has been tested and is operational and the Project is completed, and ready for final inspection. The Contractor shall provide to the Engineer copies of Contractor's pre-final Inspection list of items that the Contractor completed prior to requesting the Final Inspection.

When the Work is deemed acceptable under the Contract Documents and the Contract fully performed, the Engineer will promptly record a Notice of Completion. Thirty-Five (35) days after the filing of said Notice of Completion the Engineer shall issue a final Certificate for Payment stating that to the best of his knowledge, information and belief, and on the basis of his observations, the Work has been completed in accordance with the terms and conditions of the Contract Documents and that the entire balance found to be due the Contractor, and noted in said final Certificate, is due and payable. The final Certificate for Payment signed by the Engineer will constitute a further representation that the conditions precedent to the Contractor's being entitled to final payment have been fulfilled.

- 48.2 Upon completion of Final Inspection, the Engineer shall transmit in writing to the Contractor a list of items to be completed or corrected before the request for Final payment is made. This list shall be prepared by the Managing Engineer and may be in addition to any list previously prepared or cover any previous work reviewed by the Resident Engineer or Inspectors.
- 48.3 Warranties required by the Contract Documents shall commence on the date of recording of the Notice of Completion in the event that a Certificate of Substantial Completion has not been issued.

49. POSTING OF WAGE RATES

- 49.1 Attention is directed to Section 1735 of the Labor Code of the State of California. No discrimination shall be made in the employment of persons upon public works because of race, color, religion, ancestry, sex, or national origin. Every Contractor and Subcontractor for public works violating this Section is subject to all penalties imposed thereof.
- 49.2 APPRENTICES:
 - 49.2.1 The Contractor and all subcontractors shall comply with the provision of Section 1777.5 of the California Labor Code regarding employment of apprentices and contributions of apprenticeship program.
- 49.3 WAGE RATES:
 - 49.3.1 Pursuant to the provisions of Articles 1 and 2 of Chapter 1, Part 7, Division 11 of the Labor Code of the State of California, not less than the general prevailing rate of per diem wages for holiday and overtime work for each craft classification or type of worker needed to execute the Work contemplated under this Contract, as ascertained by the Owner, shall be paid by the Contractor and all subcontractors doing or contracting to do any part of said Work. Copies of said schedule of wage rates are available to any interested party on request.

The Contractor shall post a copy of the prevailing wage rates of per diem wages at the job site as determined by the County of Lake in a prominent place where it can be easily seen by the workers.

- 49.3.2 Employer payments other than those itemized in said schedule of wage rates, as defined in Section 1773.1 of the Labor Code, shall be paid in accordance with the terms of the collective bargaining agreement applicable to the type or classification of the worker or mechanic employed on the Work.
- 49.3.3 All wages paid, including payment for travel and subsistence payments to workers, shall comply with requirements of Section 1773.8 of the Labor Code.
- 49.3.4 Pursuant to Section 1777.5 of the Labor Code, each apprentice shall be paid in accordance with the terms of the collective bargaining agreement applicable to the trade or craft at which he is employed.
- 49.3.5 The Contractor shall forfeit as a penalty to the Owner the sum of twenty-five dollars (\$25.00) for each calendar day, or portion thereof, for each worker paid less than the stipulated prevailing rate for such work or craft in which such worker is employed for any work done under the Contract by him or by any subcontractor under him. In addition, the difference between the stipulated prevailing wage rate and the amount paid to each worker for each calendar day or portion thereof for which each worker was paid less than the stipulated prevailing wage rate shall be paid to each worker by the Contractor. The Contractor and each subcontractor shall keep an accurate record showing the name, occupation, and actual per diem wages paid to each worker employed on the Work contemplated by this Agreement, which record shall be kept open at all reasonable hours to the inspection of the Owner, and to the Division of Labor Law Enforcement. Said Owner shall have, at his election, all the remedies provided by Section 1775 of the Labor Code for the recovery of said penalty.
- 49.3.6 Claims and disputes pertaining to labor classifications shall be decided by the Owner unless local law provides otherwise. The Contractor shall diligently proceed with the Work pending settlement of any dispute which otherwise might delay completion.
- 49.3.7 The wages set forth are the minimum that may be paid by the Contractor. Nothing contained in the Contract Documents shall be construed as preventing the Contractor from paying more than the minimum rate.

50. OVERTIME WORK

- 50.1 Overtime and shift work may be established as a regular procedure by the Contractor and with the written permission of the Engineer. Such permission may be revoked at any time. No work other than overtime and shift work established as a regular procedure shall be done between the hours of 6:00 p.m. and 7:00 a.m., nor on Saturdays, Sundays or legal holidays, except such work as is necessary for the proper care and protection of the work already performed or except in case of an emergency.
- 50.2 All costs for overtime inspection, including those occurring as a result of overtime and shift work established as a regular procedure, shall be paid for by the Contractor. Overtime inspection shall include inspection required during holidays, Saturdays, Sundays, and any weekday between the hours of 6:00 p.m. and 7:00 a.m. Such costs will include, but will not necessarily be limited to, engineering, inspection, general supervision and other expenses which are directly chargeable to the overtime work. All such charges shall be deducted by the Owner from payments due the Contractor.

* * * END OF GENERAL CONDITIONS * * *

SUPPLEMENTARY GENERAL CONDITIONS

These supplementary general conditions add to, amplify, clarify, and in some cases revise the "General Conditions" as found in these Specifications. In the event of a discrepancy, these Supplementary General Conditions shall govern over the General Conditions.

The section numbers of these Supplementary General Conditions correspond to the section numbers of the General Conditions. The General Conditions are hereby revised by adding or amending the following sections:

SECTION 15: TIME FOR COMPLETION AND LIQUIDATED DAMAGES

Replace the following subsections:

- 15.5** Since Time is of the essence, the Contractor shall commence work under this contract on or before the date to be specified in the Notice to Proceed and fully complete the work within **One Hundred and Fifty (150) CALENDAR DAYS**.

Add the following subsections:

15.5.1 The Contractor shall pay to the Owner for each and every day, including Saturdays, Sundays and legal holidays, that he shall be in default in completing the whole work to be done under contract time, the sum of five hundred (\$500.00) per day, which sums are by the execution of the Agreement mutually agreed upon as liquidated damages which the Owner will suffer by reason of such default. The owner shall have the right to deduct the amount of such damages from any monies due or to become due the Contractor under this Contract.

SECTION 38.2: USE OF APPRENTICES ON PUBLIC WORKS PROJECTS

Add the following provisions to the end of Section 38.2:

"A contractor's use of Lake County residents as apprentices on a County public works' project in accordance with Section 1777.5 of the California Labor Code may be included in the calculation to determine eligibility for a local work force discount but may not exceed the ratios provided in Section 1777.5.

On projects in excess of \$125,000, prior to commencement of work, the prime contractor shall submit a plan acceptable to the Owner which outlines how the apprenticeship requirements will be met by all contractors working on the project.

At any time during the term of the contract and for a period of 30 days thereafter, the prime contractor shall, within 5 days of request by the Owner, provide evidence of compliance with Section 1777.5.

SECTION 51: OCCUPANCY PRIOR TO COMPLETION

Add Section 51, "Occupancy prior to completion", as follows:

51.1 The Owner reserves the right to occupy, on written notice, any portion of the work at any time before completion while work is in progress. In the event of such occupancy, the Contractor shall provide, without additional cost to the Owner, suitable protection by means of fencing barriers, posted signs or other method as required to prevent persons

other than those directly connected with the work from entering remaining areas where continuing work is being conducted, vehicles are operating, or materials are stored.

15.11.1.1 The County's right to sequence Work in manner which would avoid disruption to the County's tenants and their contractors or other prime contractors and their respective subcontractors, exercised as a result of Contractor's failure to perform its cooperation and coordination responsibilities require by this Contract; the County's or any Inspector's enforcement of government act or regulation, or the provisions of the Contract Documents.

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section. B. Section Includes:

1. Project information.
2. Work covered by Contract Documents.
3. Future work.
4. Access to site.
5. Coordination with occupants.
6. Work restrictions.
7. Specification and Drawing conventions.
8. Miscellaneous provisions.

1.2 PROJECT INFORMATION

A. Project Identification: Hammond Park Improvements, Bid No. 251072

1. Project Location: 6935 Hammond Avenue, Nice, CA 95464.

B. Owner: County of Lake, Public Services Department.

1. Owner's Representative: Joe Cooper, Capital Project Manager 333 Second Street, Lakeport CA 95453 (707) 262-1618.

C. Building Permit Agency: County of Lake

1.3 WORK COVERED BY CONTRACT DOCUMENTS

A. The Work of Project is defined by the Contract Documents and consists of the following:

1. Furnish all labor, materials, equipment, facilities, amenities, transportation and services to complete all related work as shown on the plans and specifications.
2. Contractor shall be responsible for providing and installing all materials required for completion of the project.

B. Type of Contract:

1. Project will be constructed under a single prime contract.

1.5 WORK SEQUENCE

- A. Coordinate construction schedule and operations with Project Manager and Engineer.

1.6 ACCESS TO SITE

- A. General: Contractor shall have full use of Project site for construction operations as indicated on Drawings by the Contract limits and as indicated by requirements of this Section.
- B. Use of Site: Limit use of Project site to the County property at 6935 Hammond Ave., Nice, CA 95464. Do not disturb portions of Project site beyond areas in which the Work is indicated.
- C. Condition of Existing Buildings: Maintain existing buildings during construction operations in their existing conditions throughout construction period. Repair damage caused by construction operations.
- D. Condition of Existing Grounds: Maintain portions of existing grounds, landscaping, and hardscaping affected by construction operations throughout construction period. Repair damage caused by construction operations.

1.7 WORK RESTRICTIONS

- A. Work Restrictions, General: Comply with restrictions on construction operations.
- Comply with limitations on use of public streets and with other requirements of authorities having jurisdiction.
- B. On-Site Work Hours: 7:00am – 7:00pm Monday – Friday and on weekends.
- C. Existing Utility Interruptions: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted under the following conditions and then only after providing temporary utility services according to requirements indicated:
1. Notify County not less than two days in advance of proposed utility interruptions.

- D. Noise, Vibration, Dust and Odors: Coordinate operations that may result in high levels of noise and vibration, dust, odors, or other disruption to Owner.

1. Notify County not less than two days in advance of proposed disruptive operations.

1.8 SPECIFICATION AND DRAWING CONVENTIONS

- A. Drawing Coordination: Requirements for materials and products identified on Drawings are described in detail in the Specifications. One or more of the following are used on Drawings to identify materials and products:

1. Terminology: Materials and products are identified by the typical generic terms used in the individual Specifications Sections.
2. Abbreviations: Materials and products are identified by abbreviations published as part of the U.S. National CAD Standard.

1.9 SCHEDULE OF VALUES

- A. Coordination: Coordinate preparation of the schedule of values with preparation of Contractor's construction schedule.

1. Within 10 days after the effective date of the Contract, submit a complete schedule of values of all lump sum bid items showing the value assigned to each part of the work.
2. Coordinate line items in the schedule of values with items required to be indicated as separate activities in Contractor's construction schedule in sufficient detail to serve as the basis for progress payments during construction.

- B. Format and Content: Use Project Manual as a guide to establish line items for the schedule of values. Provide at least one line item for each Specification Section.

1. Arrange schedule of values consistent with format that is satisfactory to the Project Manager.
2. Provide a breakdown of the Contract Sum in enough detail to facilitate continued evaluation of Applications for Payment and progress reports. Provide multiple line items for principal subcontract amounts in excess of five percent of the Contract Sum.
3. Provide a separate line item in the schedule of values for each part of the Work where Applications for Payment may include materials or equipment purchased or fabricated and stored, but not yet installed.
 - a. Differentiate between items stored on-site and items stored off-site.
4. Allowances: Provide a separate line item in the schedule of values for each allowance. Show line-item value of unit-cost allowances, as a product of the unit cost, multiplied by measured quantity. Use information indicated in the Contract Documents to determine quantities.
5. Overhead Costs: Include total cost and proportionate share of general overhead and profit for each line item.
6. Overhead Costs: Show cost of temporary facilities and other major cost items that are not direct cost of actual work-in-place as separate line items.

Appendix A

CONSTRUCTION BID WORKSHEET - BID NO. 251072					
Lake County Hammond Park Improvement					
Item No.	Description	Unit	Estimated Quantity	Unit Cost	Amount
1	Lump Sum Base Bid (Total)	LS	1		
2	CSI - Divisions 00 & 01 – GENERAL REQUIREMENTS Site Management, Permits, Traffic Control, Signage	LS	1		
3	CSI – Division 02 – EXISTING CONDITIONS Site Staking, Clearing, Storm Drainage, etc.	LS	1		
4	CSI – Division 11 – EQUIPMENT	LS	1		
5	CSI – Division 12 – SITE FURNISHINGS Bollards, Bike Racks, BBQ's Tables, Sports Court Equipment, Bag Dispenser, Wheel Stops, etc.	LS	1		
6	CSI – Division 13 - SPECIAL CONSTRUCTION Shade Structure, Shade Structure, Play and Fitness Courts, Drinking Fountain, etc.	LS	1		
7	CSI – Division 22 – Plumbing Landscape Irrigation, Drinking Fountain, etc.	LS	1		
8	CSI – Division 26 – ELECTRICAL Site Lighting, Utility Connections, Solar Photovoltaic, Systems, etc.	LS	1		
9	CSI – Division 31 – EARTHWORK Clearing, Grubbing, Engineered Fill, Trenching, Aggregate Base, etc.	LS	1		
10	CSI – Division 32 – EXTERIOR IMPROVEMENTS Asphalt, Striping and Signs, Concrete, Curbs/ Gutters, Seat Wall, Sports Court Surface, Gravel, Decomposed Granite, Engineered Wood Fiber, Resilient Surfacing, Fencing and Gates, Landscaping – Soil Prep and Grading, Bioretention Soil, Irrigations System, Boulders, Mulch, Trees, Turf, Shrubs Ground Cover 5Gal., Shrub Ground Cover 1Gal, etc.	LS	1		
11	Landscape Maintenance Period	LS	1		

COUNTY OF LAKE HAMMOND PARK

NICE, CALIFORNIA

GENERAL NOTES

- Contractor shall notify all public or private utility companies two (2) working days prior to commencement of work on this project to verify the locations of existing utility lines.
- Any discrepancy discovered by the Contractor in these plans or any field conditions discovered by the Contractor that may delay or obstruct the proper completion of the work per these plans shall be brought to the attention of the Landscape Architect immediately upon discovery. Said notification shall be in writing.
- These Plans do not represent a Property Line Survey. Property lines shown hereon are based on record data and may not represent the true positions of the lines.
- Existing features and topographic information have been taken from Hammond Park Topographic Map, dated 2/4/2024, by Munselle Civil Engineering. GSM landscape architects, inc. assumes no liability, real or alleged, regarding the accuracy of the existing features or topographic information shown.
- All material, workmanship and construction shall conform to the current edition of California Building Codes, and to the Jurisdictional Agency's Standard Specifications and Plans. International Building Code (I.B.C.) as amended by 2022 California Building Code (C.B.C.) Uniform Mechanical Code (U.M.C.) as amended by 2022 California Mechanical Code (C.M.C.) Uniform Plumbing Code (U.P.C.) as amended by 2022 California Plumbing Code (C.P.C.) National Electrical Code (N.E.C.) as amended by 2022 California Electrical Code (C.E.C.) California Energy Code (C.E.C.) (2022 Building Energy Efficiency Standards) California Green Building Standards Code (CGBC).
- Contractor shall obtain all required permits and pay all fees prior to commencement of any work. Any and all licenses and permits required for project construction shall be possessed by the Contractor. Contractor shall abide by all Federal, State, and Local laws and rules affecting the work and shall maintain all required protection and insurance for the property, employees and public.
- Contractor shall be responsible for the verification of all existing utilities in the field. Locations of utilities and underground facilities shown are approximate and for general information only. Pot-holing may be required.
- Existing utilities shall be kept in service at all times. Utilities that interfere with the work to be performed shall be protected by the Contractor to the satisfaction of the Engineer and Landscape Architect.
- Contractor shall be responsible for protecting existing facilities and improvements from damage resulting from Contractor's work. Any damage caused by Contractor shall be repaired at Contractor's expense.
- Contractor shall provide and maintain sufficient barricades to provide for safety of the general public to the satisfaction of the Engineer.
- Contractor shall assume sole and complete responsibility for job site conditions during the course of construction of this project, including safety of all persons and property. This requirement shall apply continually and not be limited to normal working hours. The Contractor shall defend, indemnify and hold the County and GSM landscape architects, inc. harmless from all liability, real or alleged, in connection with the performance of work on the project.
- Prior to bid, the Contractor shall visit the site to adequately determine all pre-existing conditions. By the act of submitting a bid, the Contractor will be deemed to have complied with the foregoing, to have accepted such conditions, and to have made allowances therefore in preparing the bid.
- Contractor shall provide all labor, equipment and materials required to implement all recommendations included in the Geotechnical Study Report for Hammond Park Improvements dated December 5, 2024 by R&M Consultants including but not limited to scarification, moisture conditioning, and compaction.

GENERAL UNDERGROUND NOTES

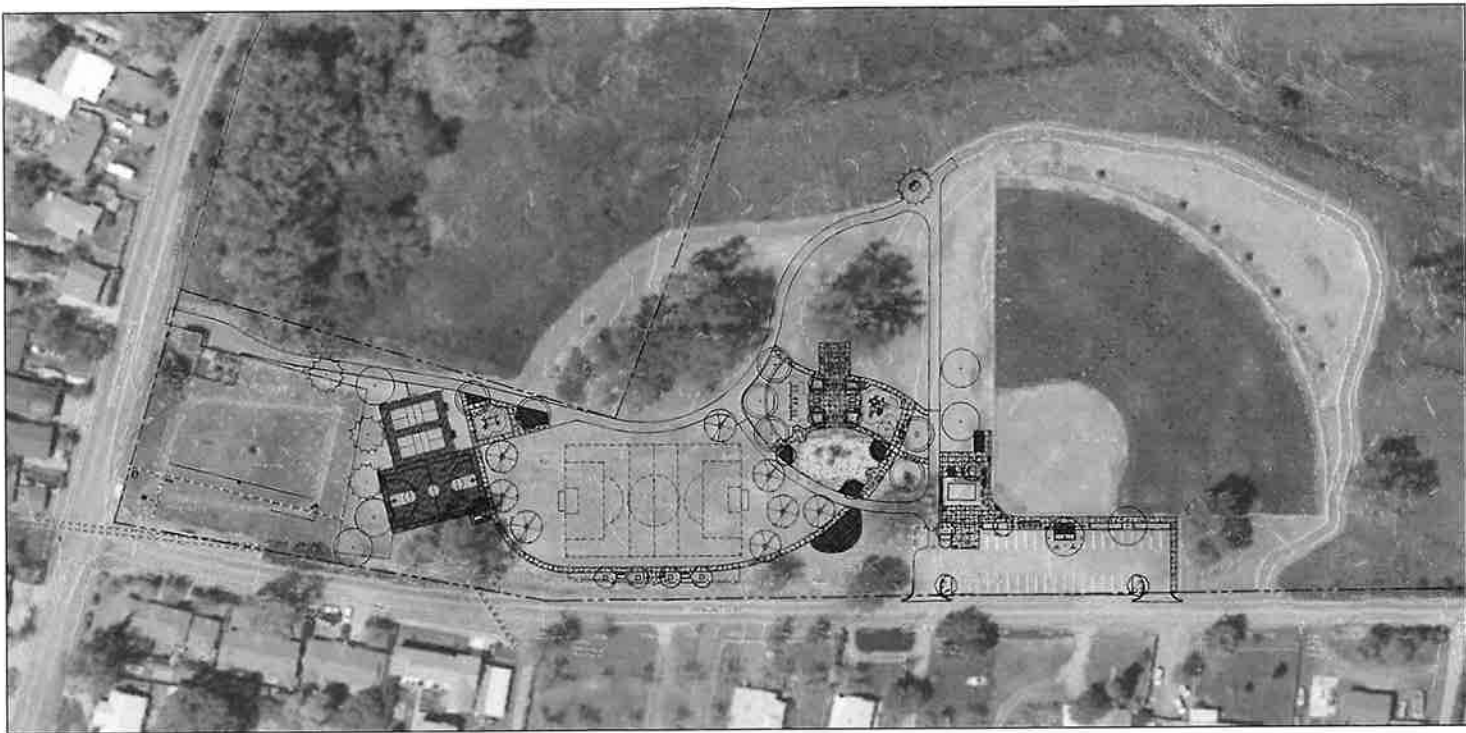
- No guarantee is given that underground obstructions not shown on these plans may be encountered. These plans are based on the best information available and the Contractor is cautioned that the County and the Landscape Architect assume no responsibility for any obstructions either shown or not shown on these plans. The Contractor shall cooperate with all utility companies working within the limits of this project.
- Contractor shall not begin excavation until all existing utilities have been marked in the field by the applicable entity responsible for that particular utility. Underground service alert: call USA North toll free (800) 642-2444 at least 48 hours prior to excavation.
- Contractor shall uncover existing buried utilities in the presence of utility owner to verify locations and elevations of utilities. Buried utilities include but are not limited to water mains and laterals, sewer mains and laterals, storm drains, gas mains and laterals, electrical distribution lines, telephone and cable TV lines. All utilities conflicting with the proposed construction shall be relocated or resolved prior to the start of construction, or conflicting facilities.
- All underground improvements shall be installed and approved prior to paving.
- All material, workmanship and construction details shall conform to the Jurisdictional Agency's construction standard specifications, including all addenda, standard plan and special provision revisions.

DEFERRED SUBMITTALS

The following items of work shown in these contract documents are considered deferred submittals and require the Contractor to provide shop drawings and calculations sealed and signed by a Structural Engineer licensed in the State of California for approval.

A. Shade Structure

Deferred submittal items shall be reviewed and approved by the Landscape Architect or Engineer-of-Record prior to forwarding the item(s) to the County for review. Deferred submittal items shall not be installed until the County has approved their design and submittal documents.



SITE PLAN

ABBREVIATIONS

AB	Aggregate Base	CLP	Control Point	FH	Fire Hydrant	PSI	Pounds per Square Inch
AC	Asphalt Pavement	clr.	Clearance	FL	Flow Line	PVC	Polyvinyl Chloride
AD	Area Drain	CMB	Concrete Mow Band	FM	Face of Wall	R	Radius
ASLA	American Society of Landscape Architects	CMU	Concrete Masonry Unit	GB	Grade Break	RC	Relative Compaction
BC	Back of Curb	CO	Clean Out	HC	Hinge Clearance	RM	Rim of Drain Inlet
BS	Bottom Face of Bottom Step	comp.	Compaction	horiz.	Horizontal	SCH	Schedule
BW	Bottom of Wall Elevation	CON	Conformance Line	HP	High Point	SD	Storm Drain
C	Center Line	cont.	Continuous	ID	Inside Diameter	sf	Square Feet
CB	Catch Basin	COP	Corner of Pavement	INV	Invert Elevation	stl.	Steel
CBF	Center of Basketball Post Footing	CP	Concrete Pavement	IF	Lineal Feet	SS	Sanitary Sewer
CBS	Center of Basketball Stripping	DI	Drop Inlet	LIP	Lip of concrete valley gutter	TBF	Top of Basketball Footing
CC	Corner of Curb	dia.	Diameter	LP	Low Point	TC	Top of Center of Fixture
CCB	Center of Catch Basin	DK	Deck Elevation	MA	Midpoint of Arc	TCF	Top of Vertical Curb
CCS	Center of Curb	DR	Door	max.	Maximum	TF	Top of Flush Curb
CCL	Center of Conformance Line	gpm	Gallons per Minute	ME	Metal Edging	TFS	Top Face of Top Step
CCO	Center of Cleanup	EA	End of Arc	min.	Minimum	TP	Top of Plaster
CCP	Center of Catchment	EL	Edge of Curb	N.I.C.	Not In Contract	TRH	Top of Retaining Header
CDI	Center of Drinking Fountain	EG	Elevation Grade	OC	On Center	TS	Top Face of Top Step
CG	Concrete Gutter	EM	Edge of Concrete Mow Band	OD	Outside Diameter	TW	Top of Wall
CF	Cubic Feet	EP	Edge of Pavement (Concrete or Asphalt)	OFCI	Owner Furnished and Contractor Installed	typ.	Typical
CFC	Corner Face of Curb	EQ	Equal	OFOI	Owner Furnished and Owner Installed	VC	Vertical Curve
CFP	Center of Fence Post	EX or (E)	Existing	PA	Planting Area	VM	Water Meter
CFH	Center Face of Wall	FBG	Face of Bottom Step	PAD	Concrete Pad	UV	Underwriters Laboratory
CFP	Center Face of Pole Post	FC	Face of Curb	PCC	Portland Cement Concrete	U.O.N.	Unless Otherwise Noted
CLF	Center of Light Fixture	FG	Finish Grade	PL	Property Line		

PROJECT TEAM

Landscape Architect:

GSM landscape architects, inc.
1700 Soquel Avenue, Suite 23
Napa, CA 94559
(707) 255-4690

Civil Engineer:

Munselle Civil Engineering
513 Center Street
Healdsburg, CA 95448
(707) 945-0468

Electrical Engineer:

O'Mahony & Myer
4540 Redwood Hwy, Suite 245
San Rafael, CA 94903
(415) 442-0420

Geotechnical Engineer:

RSM Consultants
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Santa Rosa, CA 95403
(707) 544-1072

Irrigation Consultant:

Russell D. Mitchell Associates, Inc.
2160 Camino Diablo
Malibu Creek, CA 94547
(925) 934-3465



LARS EWING, DIRECTOR, PUBLIC SERVICES

DATE



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SITE LOCATION MAP
NOT TO SCALE

SHEET INDEX

B1.0	COVER SHEET
C1.0	DEMOLITION PLAN
C2.0	EROSION CONTROL PLAN
C2.1	EROSION CONTROL PLAN
C2.2	ECP DETAILS
C3.0	GRADING PLAN - SOUTH
C3.1	GRADING PLAN - NORTH
C3.2	DETAILS
C3.3	DETAILS
C3.4	DETAILS
C4.0	UTILITY PLAN - SOUTH
C4.1	UTILITY PLAN - NORTH
C4.2	DETAILS
L1.0	MATERIAL AND DETAIL REFERENCE PLAN
L1.1	MATERIAL AND DETAIL REFERENCE PLAN
L1.2	CONSTRUCTION DETAILS
L1.3	CONSTRUCTION DETAILS
L1.4	CONSTRUCTION DETAILS
L1.5	CONSTRUCTION DETAILS
L1.6	CONSTRUCTION DETAILS
L1.7	CONSTRUCTION DETAILS
L1.8	CONSTRUCTION DETAILS
L1.9	CONSTRUCTION DETAILS
L2.0	LAYOUT PLAN
L2.1	LAYOUT PLAN
L2.2	LAYOUT PLAN ENLARGEMENT
L2.3	LAYOUT PLAN ENLARGEMENT
L3.0	IRRIGATION PLAN
L3.1	IRRIGATION PLAN
L3.2	IRRIGATION NOTES AND LEGEND
L3.3	IRRIGATION DETAILS
L3.4	IRRIGATION DETAILS
L3.5	IRRIGATION DETAILS
L3.6	IRRIGATION DETAILS
L4.0	PLANTING PLAN
L4.1	PLANTING PLAN
L4.2	PLANTING DETAILS
E0.1	SYMBOLS LIST, GENERAL NOTES, DETAILS & LIST OF DRAWINGS
E0.2	LUMINAIRE SCHEDULE
E1.0	ELECTRICAL SITE PLAN - SOUTH
E1.1	ELECTRICAL SITE PLAN - NORTH
E1.2	ROOF PLANS - PHOTOVOLTAIC
E1.3	SINGLE LINE DIAGRAM - POWER
E1.4	SINGLE LINE DIAGRAM - PHOTOVOLTAIC
E1.5	PHOTOVOLTAIC PLACARDS
E1.6	PHOTOVOLTAIC DATA SHEETS
E1.7	TITLE 24 DOCUMENTATION
E1.8	TITLE 24 DOCUMENTATION

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COVER SHEET

COUNTY OF LAKE
HAMMOND PARK
6935 HAMMOND AVE.
NICE, CA

DATE: 2/2/25

FILE NO: 251220V

JOB NO: 2512

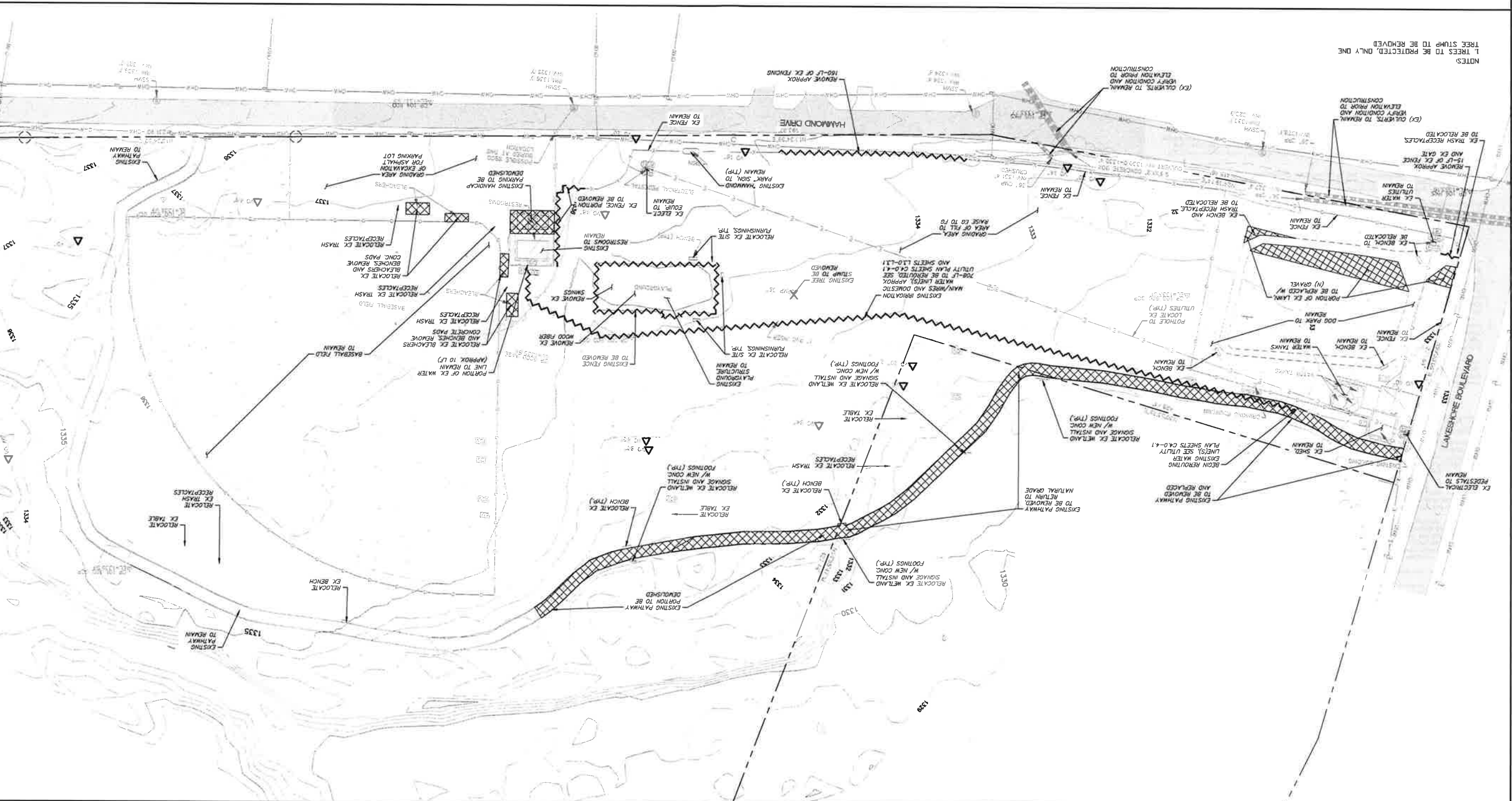
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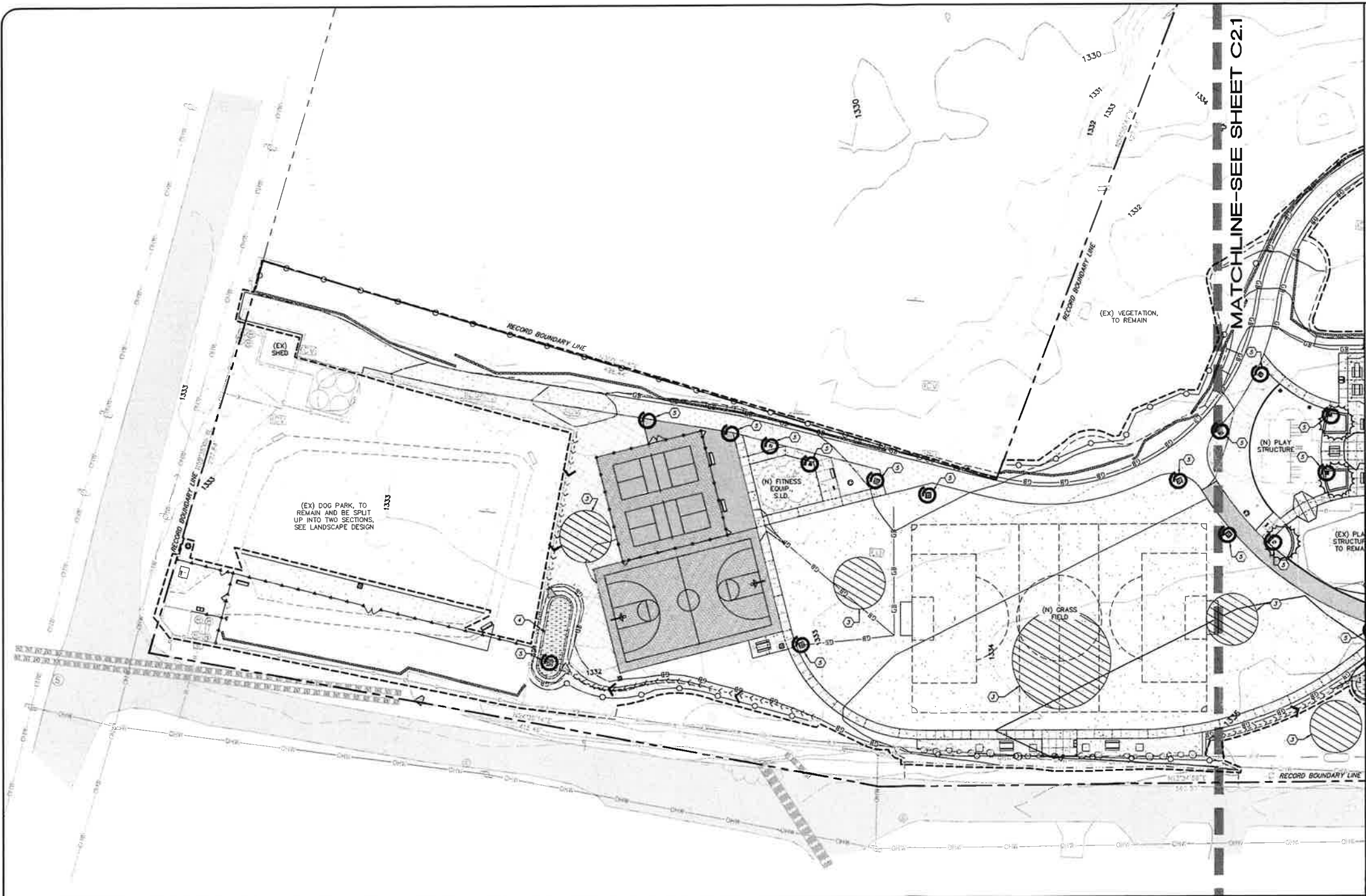
G1.0

MUNSELL CIVIL ENGINEERING
513 CENTER STREET
HEALDSBURG, CA 95448
(707) 395-0968

LEGEND

	TREE TO BE SAVED
	TREE TO BE REMOVED
	TO BE REMOVED
	TO BE REMOVED





LEGEND AND KEYNOTES

- CONCRETE WASHOUT PER DETAIL ON SHEET C2.2
- INSTALL STABILIZED CONSTRUCTION ENTRANCE PER DETAIL ON SHEET C2.2
- MATERIAL STORAGE AND STOCKPILE LOCATION
- BIORETENTION AREAS SHALL BE EXCAVATED TO SUBGRADE TO ACT AS SEDIMENT BASINS
- INSTALL DI FILTER PER DI SEDIMENT BARRIER DETAIL ON SHEET C2.2
- SILT FENCE PER DETAIL ON SHEET C2.2. REMOVE AND REPLACE AS NECESSARY DURING CONSTRUCTION
- STRAW WATTLE PER DETAIL ON SHEET C2.2
- APPROXIMATE LIMITS OF DISTURBED AREA
- DI SEDIMENT BARRIER PER DETAIL ON SHEET C2.2
- STRAW WATTLE CHECK DAM PER DETAIL ON SHEET C2.2

EROSION CONTROL NOTES

- A NOTICE OF INTENT SHALL BE FILED BY THE OWNER FOR ALL PROJECTS OVER ONE (1) ACRE IN AREA. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE PERMIT.
 - EROSION CONTROL MEASURES SHALL BE INSTALLED AND IN PLACE BETWEEN OCTOBER 1 AND APRIL 30. INSTALLATION SHALL BE IN ACCORDANCE WITH THE APPROVED EROSION CONTROL PLAN.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTANT MAINTENANCE OF EROSION CONTROL MEASURES. SITE EROSION CONTROL SHALL BE INSPECTED BY THE CONTRACTOR AND CLEANED IF NECESSARY AFTER EVERY MAJOR STORM.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANUP OF MUD AND DEBRIS CARRIED ONTO SURROUNDING STREETS TO THE SATISFACTION OF THE COUNTY ENGINEER.
 - ALL GRADED AREAS AND EXPOSED SOIL WITHIN THIS PROJECT SHALL BE SEEDED FOR EROSION CONTROL BY THE CONTRACTOR. SEED AND MULCH WILL BE APPLIED BY OCTOBER 1ST TO ALL NON-ACTIVE DISTURBED AREAS. SEED AND FERTILIZER WILL BE APPLIED HYDRAULICALLY OR BY HAND AT THE RATES SPECIFIED BELOW. ON SLOPES, STRAW WILL BE APPLIED BY BLOWER OR BY HAND AND ANCHORED IN PLACE BY PUNCHING.
 - HYDROSEEDING SHALL BE CONDUCTED IN A THREE STEP PROCESS. FIRST, EVENLY APPLY SEED MIX AND FERTILIZER TO THE EXPOSED SLOPE. SECOND, EVENLY APPLY MULCH OVER THE SEED AND FERTILIZER. THIRD, STABILIZE THE MULCH IN PLACE. AN EQUIVALENT SINGLE STEP PROCESS, WITH SEED, FERTILIZER, WATER, AND BONDED FIBERS IS ACCEPTABLE.
 - APPLICATIONS SHALL BE BROADCASTED MECHANICALLY OR MANUALLY AT THE RATES SPECIFIED BELOW. SEED MIX AND FERTILIZER SHALL BE WORKED INTO THE SOIL BY ROLLING OR TAMPING. IF STRAW IS USED AS MULCH, STRAW SHALL BE DERIVED FROM WHEAT, RICE, OR BARLEY AND BE APPROXIMATELY 6 TO 8 INCHES IN LENGTH. STABILIZATION OF MULCH SHALL BE DONE HYDRAULICALLY BY APPLYING AN EMULSION. EQUIVALENT METHODS AND MATERIALS MAY BE USED ONLY IF THEY ADEQUATELY PROMOTE VEGETATION GROWTH AND PROTECT EXPOSED SLOPES.
- | MATERIALS | APPLICATION RATE (POUNDS PER ACRE) |
|--------------------------------------|------------------------------------|
| SEED MIX | |
| Bromus maris (BLAND BROME) | 40 |
| Trifolium hirtum (HYKON ROSE CLOVER) | 20 |
| FERTILIZER | |
| 16-20-0 & 15% SULPHUR | 500 |
| MULCH | |
| STRAW | 4000 |
| HYDRAULIC STABILIZER | 75-100 |
| M-BINDER OR SENTINEL | PER MANUFACTURER |
| EQUIVALENT MATERIAL | |
- ALL CRITICAL EARTHWORK OPERATIONS SHALL BE PERFORMED DURING THE DRY WEATHER SEASON. IF AT ALL POSSIBLE, THE CLEARING OF EXISTING VEGETATION SHALL BE CONFINED TO WITHIN THE LIMITS OF ACTUAL EARTHWORK. INCREMENTAL DEVELOPMENT SHALL BE REQUIRED TO ENSURE THAT THE AMOUNT OF LAND CLEARED AT ANY TIME IS LIMITED TO THE AREA THAT CAN BE REVEGETATED DURING THE CONSTRUCTION PERIOD. STORM WATER SHALL NOT BE ALLOWED TO FLOW DIRECTLY DOWN UNPROTECTED SLOPES. ENERGY DISSIPATING STRUCTURES AND EROSION CONTROL DEVICES SHALL BE PLACED AT ALL DRAINAGE OUTLETS WHICH DISCHARGE TO NATURAL CHANNELS AS SHOWN ON THESE PLANS. ALL SEDIMENT TRAPS SHALL BE MAINTAINED BY THE OWNER UNTIL SUCH TIME AS THE CITY ACCEPTS MAINTENANCE RESPONSIBILITY.
 - THE CONTRACTOR MUST IMPLEMENT AN EFFECTIVE COMBINATION OF EROSION PREVENTION AND SEDIMENT CONTROL ON ALL DISTURBED AREAS DURING THE RAINY SEASON (OCTOBER 1 THRU APRIL 30).
 - ALL STAGING, DEMOLITION WORK AND LOADING/UNLOADING SHALL TAKE PLACE OUTSIDE OF THE RIGHT OF WAY, INCLUDING THE PUBLIC SIDEWALK OR STREET UNLESS OTHERWISE APPROVED IN WRITING BY THE CITY ENGINEER.

ABBREVIATIONS

AB	AGGREGATE BASE	R=	RADIUS
AC	ASPHALT CONCRETE	R/V	RIGHT OF WAY
BC	BOTTOM OF CURB	RCP	REINFORCED CONCRETE PIPE
BSW	BACK OF SIDEWALK	S.A.D.	SEE ARCHITECTURAL DESIGN
CB	CATCH BASIN	S=	SLOPE
CONC	CONCRETE	SD	STORM DRAIN
CPP	CORRUGATED PLASTIC PIPE	SDCO	STORM DRAIN CLEANOUT
CMP	CORRUGATED METAL PIPE	SDDI	STORM DRAIN DROP INLET
DI	DROP INLET	SDMH	STORM DRAIN MANHOLE
DIP	DUCTILE IRON PIPE	S.L.D	SEE LANDSCAPE DESIGN
DWY	DRIVEWAY	S.S.D	SEE STRUCTURAL DESIGN
EG	EXISTING GROUND	SS	SANITARY SEWER
ELEV	ELEVATION	SSCO	SANITARY SEWER CLEANOUT
EP	EDGE OF PAVEMENT	SSMH	SANITARY SEWER MANHOLE
EX, EX.	EXISTING	STD	STANDARD
FC	FACE OF CURB	SV	SIDEWALK
FG	FINISH GRADE	TC	TOP OF CURB
FS	FINISH SURFACE	TG	TOP OF GRATE
GB	GRADE BREAK	TYP	TYPICAL
HDPE	HIGH DENSITY POLYETHYLENE	UND	UNLESS NOTED OTHERWISE
HT	HEIGHT	V	V
PCC	PORTLAND CEMENT CONCRETE	VL	WATER LINE
PDC	POINT OF CONNECTION	VM	WATER METER
PVC	POLYVINYLCHLORIDE PIPE	VS	WATER SERVICE
PVT	PRIVATE		



SCALE: 1" = 30'
(GRAPHIC SCALE IN FEET)



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(707) 395-0968

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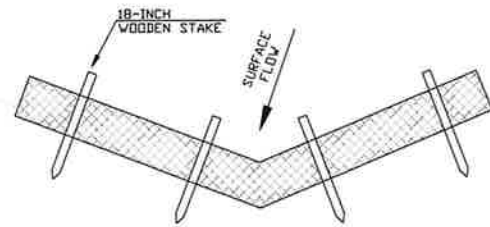
Daniel John Hughes
DATE
RCE 60225

CONSTRUCTION GENERAL PERMIT NOTES

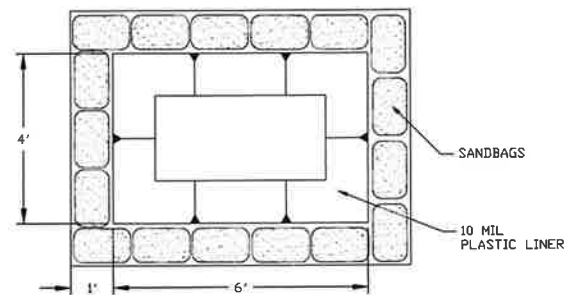
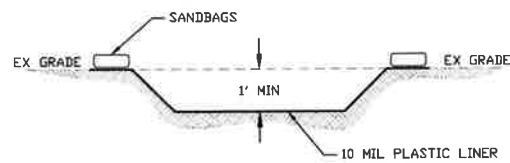
DISTURBED AREA: 3.75 ACRES

- THIS PROJECT DISTURBS OVER 1 ACRE AND IS THEREFORE SUBJECT TO THE CONSTRUCTION GENERAL STORM WATER PERMIT AND THE CONDITIONS IN THAT PERMIT.
- ALL BIORETENTION AREAS SHALL BE GRADED TO SUBGRADE DURING INITIAL SITE GRADING TO ACT AS SEDIMENT BASINS. SEE BIORETENTION DETAIL ON SHEET C3.2 FOR DEPTH OF BIORETENTION FACILITIES.
- INSPECT STREETS DAILY AND ENSURE NO MUD TRACKOUT ONTO STREETS. IF MUD TRACKOUT IS DISCOVERED, CONTRACTOR SHALL CLEAN THE STREETS IMMEDIATELY.

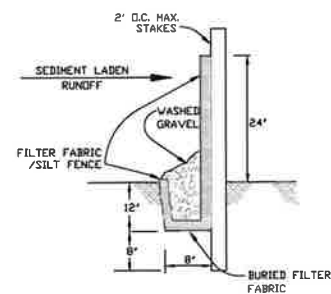
DES: MCE	PROJ: BL	CHG: D.J.H.
CSM landscape architects, inc. landscape architecture site planning		
1700 Soledad Ave., Suite 23 Napa, CA 94559 (707) 255-4630 www.gsmllc.com		
EROSION CONTROL PLAN		
COUNTY OF LAKE HAMMOND PARK	NICE, CA	6935 HAMMOND AVE.
DATE: 2/21/25	FILE NO: 23/25/AGE	SHEET NO: 4
430 NO. 253	C2.0	



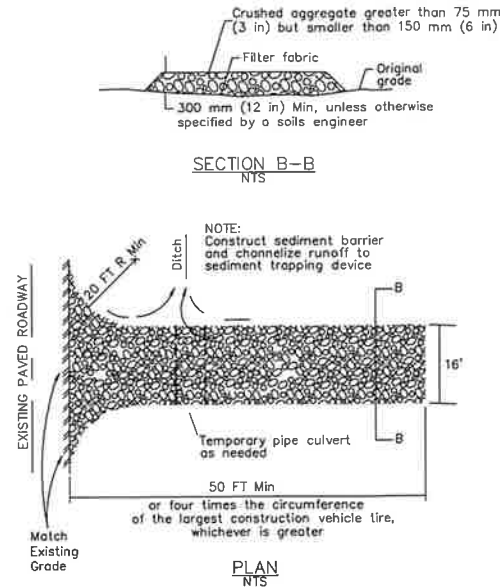
STRAW WATTLE CHECK DAM DETAIL
NOT TO SCALE



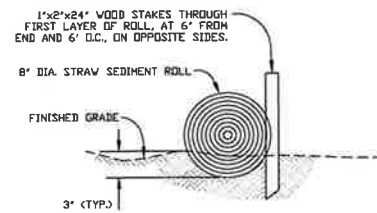
CONCRETE WASHOUT DETAIL
NOT TO SCALE



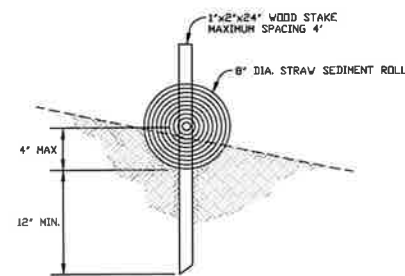
PROFILE
SILT FENCE
NOT TO SCALE



TC-1 STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

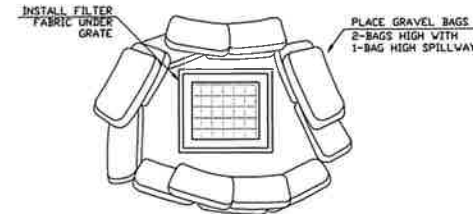
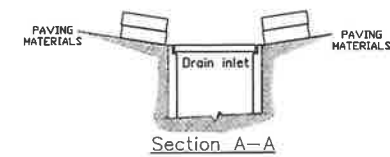


FLAT AREA



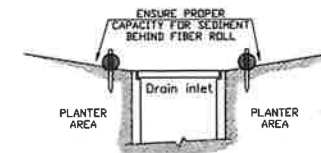
SLOPED AREA

STRAW WATTLE DETAIL
NOT TO SCALE

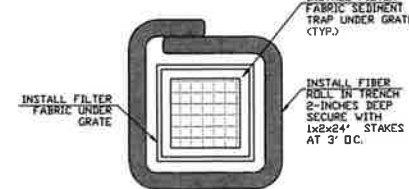


- NOTES:
1. INTENDED FOR SHORT-TERM USE.
 2. USE TO INHIBIT NON-STORMWATER FLOW.
 3. ALLOW FOR PROPER MAINTENANCE AND CLEANUP.
 4. BAGS MUST BE REMOVED AFTER ADJACENT OPERATION IS COMPLETED.
 5. NOT APPLICABLE IN AREAS WITH HIGH SILTS AND CLAYS WITHOUT FILTER FABRIC.

GRAVEL BAG STORM DRAIN INLET PROTECTION
NOT TO SCALE



SECTION



- NOTES:
1. INSPECT INLET PROTECTION DEVICE BEFORE AND AFTER RAIN EVENTS, AND WEEKLY THROUGH THE RAINY SEASON. DURING EXTENDED RAIN EVENTS, INSPECT AT LEAST ONCE EVERY 24 HOURS.
 2. REMOVE AND PROPERLY DISPOSE OF ACCUMULATED SILT AND DEBRIS TO ALLOW FOR PROPER FUNCTION OF DEVICE.

INLET PROTECTION DETAIL
NOT TO SCALE



MUNSELLE CIVIL ENGINEERING
513 CENTER STREET
HEALDSBURG, CA 95448
(707) 395-0968



Daniel John Hughes
DANIEL JOHN HUGHES
PCE 60225

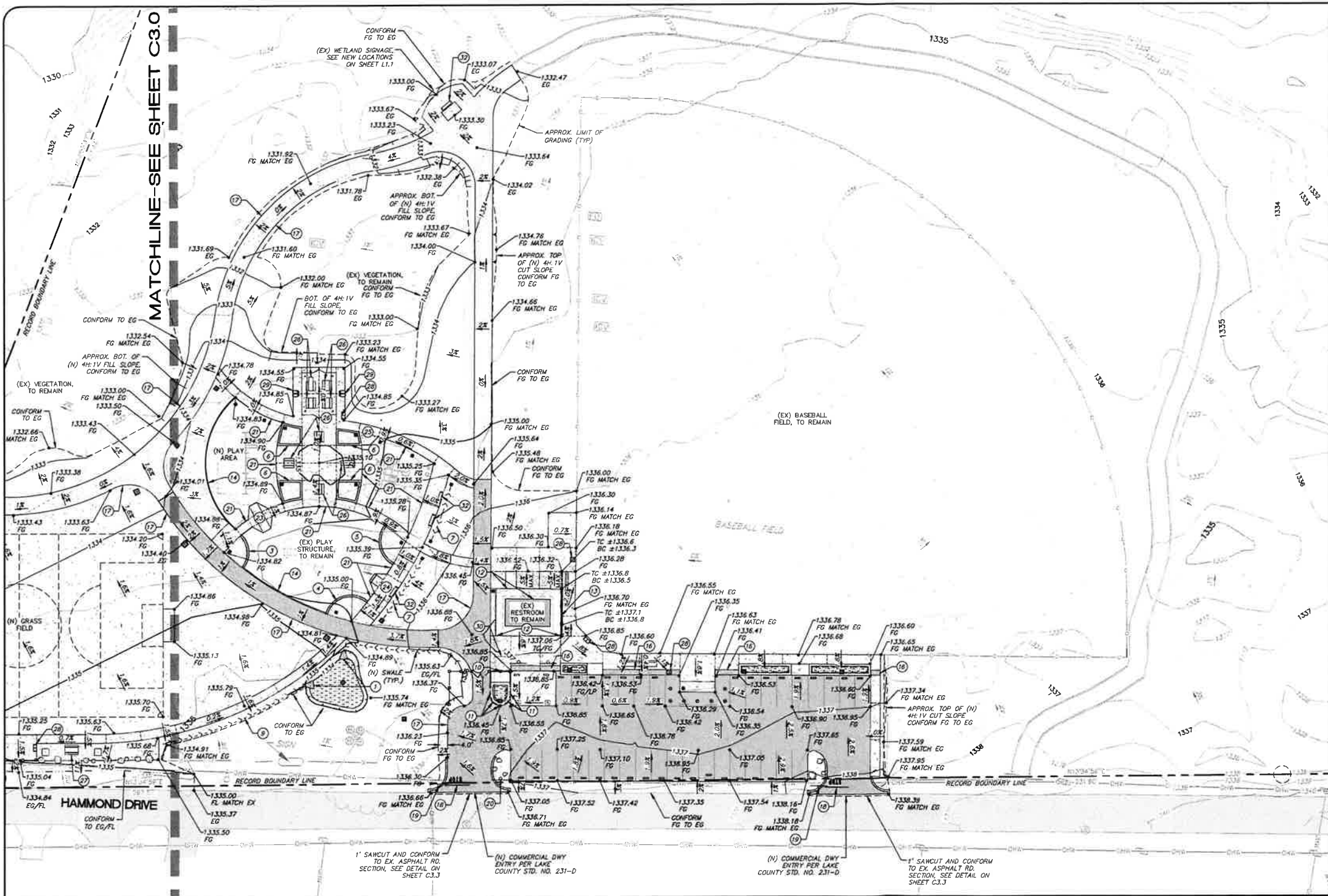
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ECP DETAILS

COUNTY OF LAKE
HAMMOND PARK
6935 HAMMOND AVE.
NICE, CA

DATE: 2/21/25
FILE NO: 2502BASE
JOB NO: 2512
SHEET NO:
C22
OF 46

GSM landscape architects, inc.
landscape architecture
site planning
1700 Sausal Ave., Suite 23
Napa, CA 94559
(707) 255-4630
www.gsmllac.com



LEGEND

PROPOSED 0.25" HMA OVER 0.8" CLASS 2 AGGREGATE BASE OVER 12" OF ENGINEERED FILL

EXISTING ASPHALT TO REMAIN

PROPOSED 8" CLASS II AGGREGATE BASE

PROPOSED 4" CONCRETE (MIN. COMPRESSIVE STRENGTH OF 3,500 PSI) REINFORCED WITH NO. 3 BARS AT 24" O.C. EACH WAY, MIDWAY IN SLAB, OVER 4" CLASS II AGGREGATE BASE OVER 12" OF ENGINEERED FILL

PROPOSED 6" CONCRETE (MIN. COMPRESSIVE STRENGTH OF 4,000 PSI) REINFORCED WITH NO. 4 BARS 12-INCH O.C. EACH WAY OVER 4" CLASS II AGGREGATE BASE OVER 12" OF ENGINEERED FILL

PROPOSED BIOTENTION AREA SEE DETAIL ON SHEET C4.2

PROPOSED DECOMPOSED GRANITE PER LANDSCAPE DESIGN

PROPOSED PLAY AREA PER LANDSCAPE DESIGN 12" ENGINEERED WOOD FIBER OVER 3" OF COARSE WASHED GRAVEL (MIN. 3" DIAMETER)

PROPOSED FITNESS AREA PER LANDSCAPE DESIGN PLAYBOUND POURED-IN-PLACE SECTION OVER 12" OF ENGINEERED FILL

PROPOSED GRASS FIELD PER LANDSCAPE DESIGN

PROPOSED PLANTING PER LANDSCAPE DESIGN

PROPOSED SPORT COURT, ASPHALT WITH TOP COAT/SURFACE TO BE SPECIFIED BY LANDSCAPE ARCHITECT, SEE DESIGN OF TOP COAT BY GSM. ASPHALT TO BE 0.25" HMA OVER 0.75" CLASS 2 AGGREGATE BASE OVER 12" OF ENGINEERED FILL

EXISTING CONTOURS

PROPOSED CONTOURS

EXISTING LAWN/GRASS

PROPERTY LINE

NEIGHBORING PROPERTY LINE

EXISTING FLOWLINE

EXISTING FENCE (TYPE VARIES)

PROPOSED SWALE

PROPOSED GRADEBREAK

PROPOSED DAYLIGHT

GRADING AND DRAINAGE NOTES

1. REFER TO GEOTECHNICAL STUDY REPORT DATED DECEMBER 5, 2024 BY RGH CONSULTANTS FOR ALL SUBGRADE PREPARATION, COMPACTION RECOMMENDATIONS AND PAVEMENT SECTION RECOMMENDATIONS.
2. ALL RECOMMENDATIONS PROPOSED IN THE GEOTECHNICAL STUDY REPORT DATED DECEMBER 5, 2024 BY RGH SHOULD BE APPLIED AND ADHERED TO.
3. MATERIALS AND METHODS USED SHOULD CONFORM TO THE REQUIREMENTS OF THE COUNTY OF LAKE AND THE CURRENT EDITION OF THE CALTRANS STANDARD SPECIFICATIONS, AS WELL AS FOLLOW THE RECOMMENDATIONS OF THE GEOTECHNICAL STUDY REPORT BY RGH CONSULTANTS DATED DECEMBER 5, 2024.
4. INSTALL RETAINING WALL BACKDRAINS IN RAISED PLANTERS, SEE UTILITY PLAN ON SHEETS C4.0-C4.1.
5. DRAINAGE STRUCTURES, CLEANOUTS, OR "Y" CONNECTION SHALL BE USED AS APPROPRIATE AT STORM DRAIN ALIGNMENT DEFLECTIONS OR JUNCTIONS OF INTERSECTING DRAIN LINES TO FACILITATE MAINTENANCE.
6. ALL PAVED AND UNPAVED FINISHED SURFACES SHALL HAVE POSITIVE DRAINAGE.
7. ALL WORK SHALL COMPLY WITH BEST MANAGEMENT PRACTICES TO PREVENT STORM WATER CONTAMINATION.

- GRADING KEYNOTES**
- 1 (N) ROCK RIPRAP ENERGY DISSIPATOR DETAIL #1 ON SHEET C3.2

2 (N) ROCK RIPRAP ENERGY DISSIPATOR DETAIL #2 ON SHEET C3.2

3 (N) ±18" SEATWALL, SEE LANDSCAPE DESIGN TW ±1336.3

4 (N) ±18" SEATWALL, SEE LANDSCAPE DESIGN TW ±1336.5

5 (N) ±18" SEATWALL, SEE LANDSCAPE DESIGN TW ±1336.9

6 (N) ±18" SEATWALL, SEE LANDSCAPE DESIGN TW ±1336.5

7 (N) EARTH SWALE, SEE DETAIL #1 ON SHEET C3.2

8 (N) EARTH SWALE, SEE DETAIL #2 ON SHEET C3.2

9 (N) EARTH SWALE, SEE DETAIL #3 ON SHEET C3.2

10 (N) ON SITE VERTICAL CURB AROUND PROPOSED BIOTENTION, SEE DETAIL ON SHEET C3.2

11 (N) 1.0' CURB OPENING, PER DETAIL ON SHEET C3.2

12 (EX) CONCRETE SLAB, PORTION TO REMAIN

13 (N) 4" CURB WITH FENCE ON TOP, SEE SHEET C3.2 FOR 4" CURB DETAIL, SEE LANDSCAPE DESIGN FOR FENCE DETAIL

14 FLUSH CURB, PER DETAIL ON SHEET C3.2

15 (N) ACCESSIBLE PARKING STALLS, PER DETAIL ON SHEET C3.3

16 (N) TRUNCATED DOMES, SEE DETAIL ON SHEET C3.3 TYP.

17 (N) 1"x5" STEEL HEADER - JO RUSSEL COMPANY - FOR GRAVEL OR ASPHALT WALKWAYS, SPACES 6.0 FT. O.C. (OR EQUIVALENT OTHER)

18 (N) STOP LETTERING PER STOP STRIPING DETAIL ON SHEET C3.3

19 (N) STOP SIGN, DETAIL ON SHEET C3.3

20 (N) ADDITIONAL SIGNAGE, DETAIL ON SHEET C3.3

21 (N) DEEPENED EDGE, PER DETAIL ON SHEET C3.3

22 (N) BOULDER, SEE LANDSCAPE DESIGN FOR DESIGN AND LOCATION (TYP.)

23 (N) PLAYGROUND RAMP, PER DETAIL #1 ON SHEET C3.4

24 (N) PLAYGROUND RAMP, PER DETAIL #2 ON SHEET C3.4

25 (N) PLAYGROUND RAMP, PER DETAIL #3 ON SHEET C3.4

26 (N) TABLE, SEE LANDSCAPE DESIGN

27 (EX) PRECAST TABLE, RELOCATED

28 (EX) PRECAST TRASH/RECYCLING RECEPTACLE, RELOCATED

29 (N) DUAL BARBECUE, SEE LANDSCAPE DESIGN

30 (N) BICYCLE RACK, SEE LANDSCAPE DESIGN

31 (N) BAG DISPENSER, SEE LANDSCAPE DESIGN

32 (EX) PRECAST CONC. BENCH, RELOCATED

ABBREVIATIONS

AB	AGGREGATE BASE	R=	RADIUS
AC	ASPHALT CONCRETE	R/W	RIGHT OF WAY
APPROX.	APPROXIMATE	RCP	REINFORCED CONCRETE PIPE
BC	BOTTOM OF CURB	S.A.D.	SEE ARCHITECTURAL DESIGN
BOT.	BOTTOM	S=	SLOPE
BSW	BACK OF SIDEWALK	SD	STORM DRAIN
CB	CATCH BASIN	SDCO	STORM DRAIN CLEANOUT
CONC	CONCRETE	SDDI	STORM DRAIN DROP INLET
CPP	CORRUGATED PLASTIC PIPE	SDMH	STORM DRAIN MANHOLE
CMP	CORRUGATED METAL PIPE	S.L.D	SEE LANDSCAPE DESIGN
DI	DROP INLET	S.S.D	SEE STRUCTURAL DESIGN
DIP	DUCTILE IRON PIPE	SS	SANITARY SEWER
DWY	DRIVEWAY	SSCO	SANITARY SEWER CLEANOUT
EG	EXISTING GROUND	SSMH	SANITARY SEWER MANHOLE
ELEV	ELEVATION	STD	STANDARD
EP	EDGE OF PAVEMENT	SV	SIDEWALK
(E), EX.	EXISTING	TC	TOP OF CURB
FC	FACE OF CURB	TG	TOP OF GRATE
FG	FINISH GRADE	TYP	TYPICAL
FS	FINISH SURFACE	UNO	UNLESS NOTED OTHERWISE
GB	GRADE BREAK	W	WATER
HDPE	HIGH DENSITY POLYETHYLENE	WL	WATER LINE
HT	HEIGHT	WM	WATER METER
PORTLAND CEMENT CONCRETE		WS	WATER SERVICE
PCC	POINT OF CONNECTION		
PVC	POLYVINYLCHLORIDE PIPE		
PVT	PRIVATE		

SCALE: 1" = 30'

(GRAPHIC SCALE IN FEET)

Daniel John Hughes
DATE
RCE 60225

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GRADING PLAN - NORTH

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NICE, CA

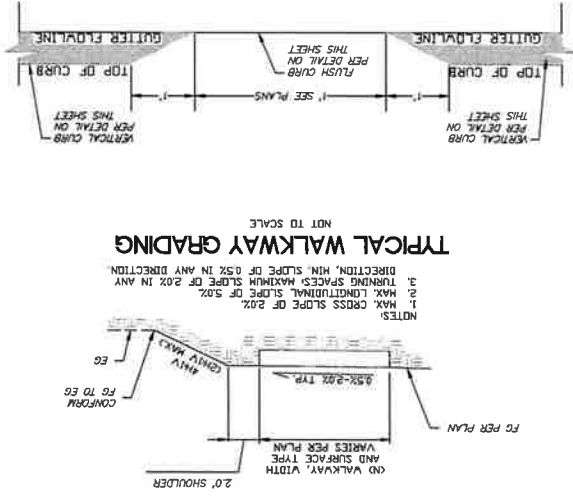
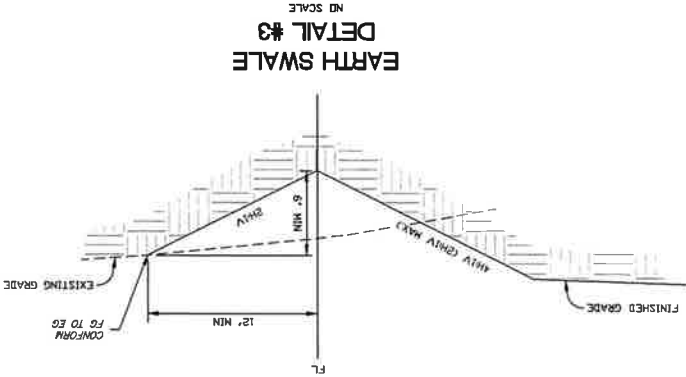
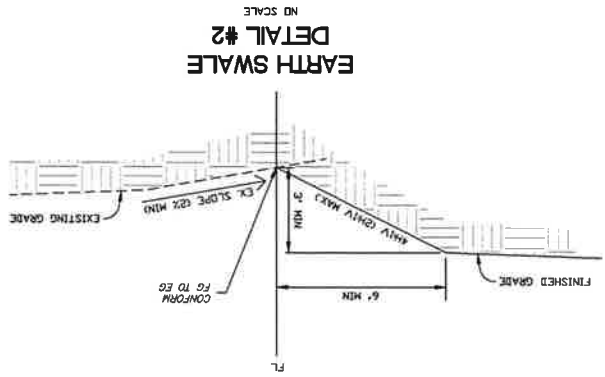
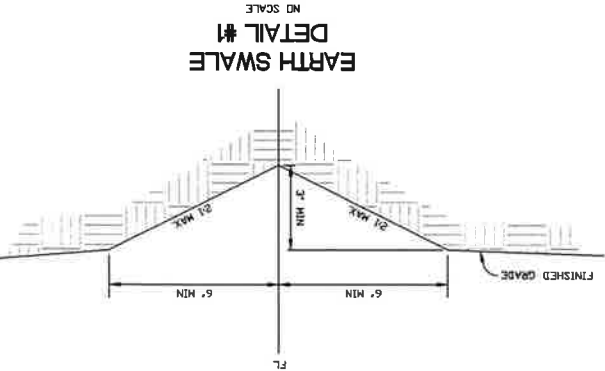
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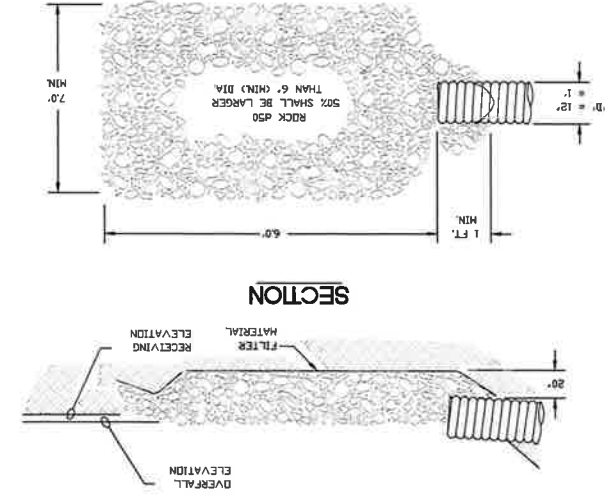
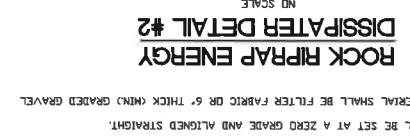
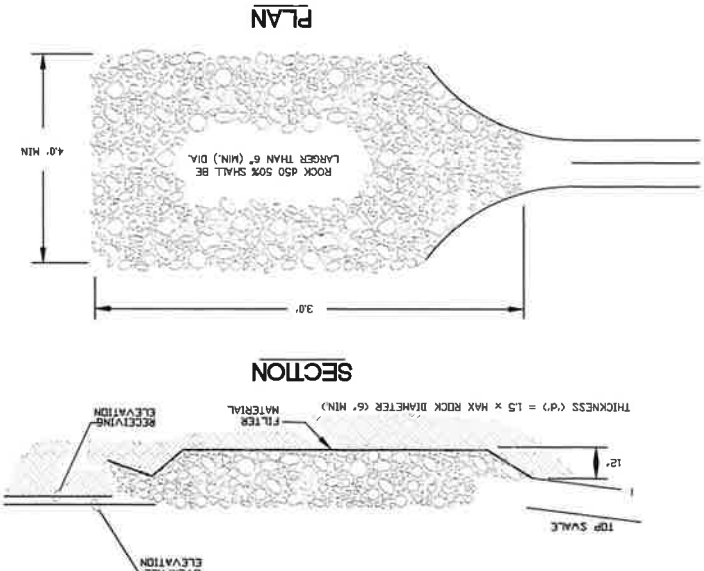
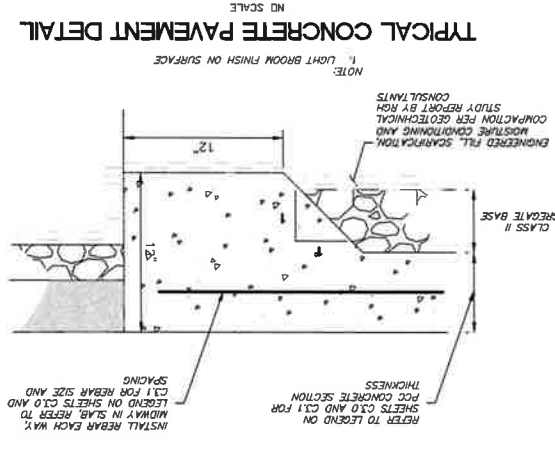
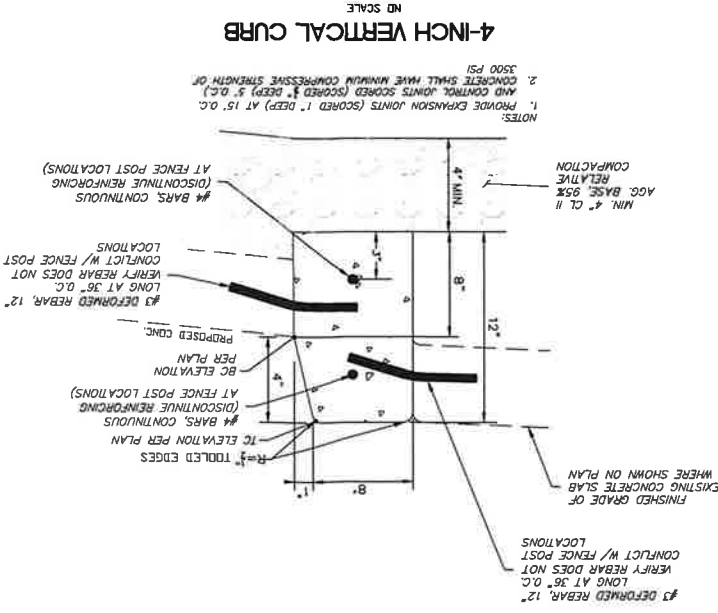
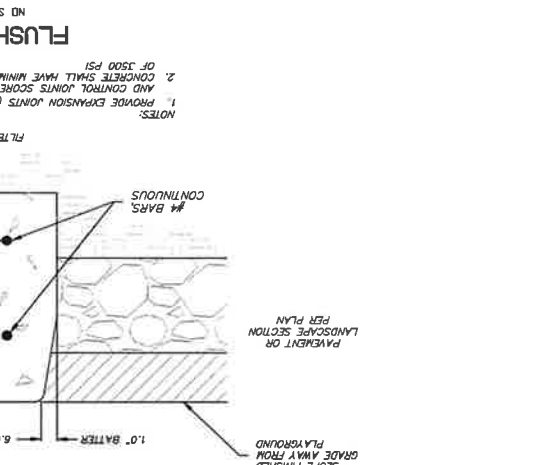
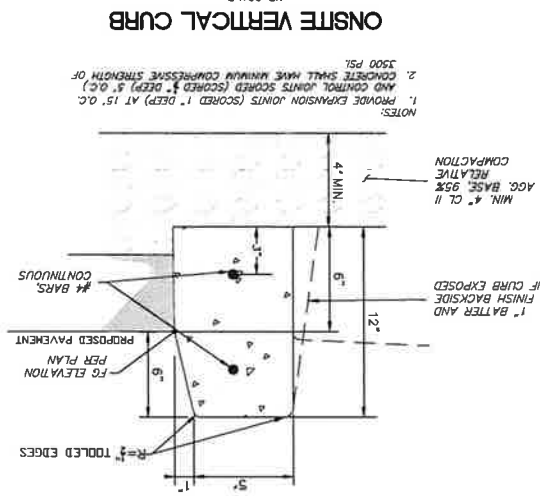
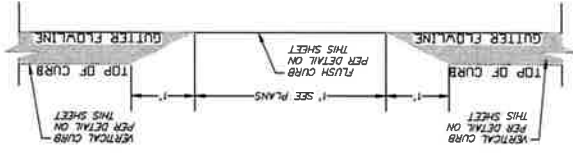
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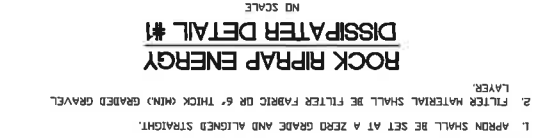
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ROCK RIPRAP ENERGY DISSIPATER DETAIL #1

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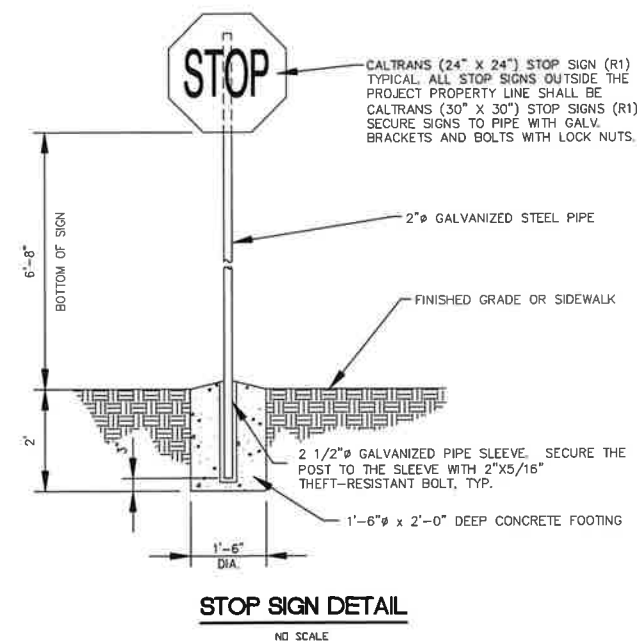
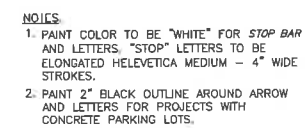
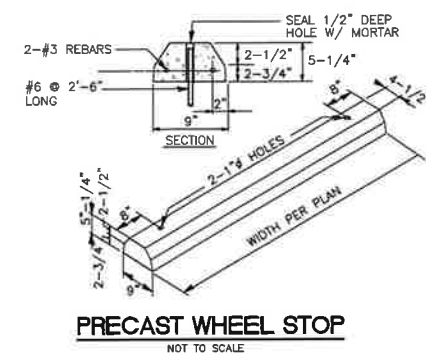
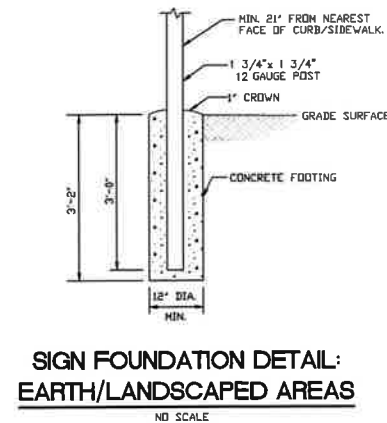
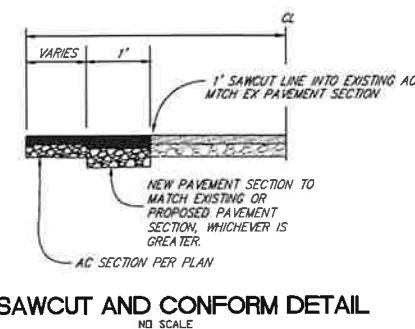
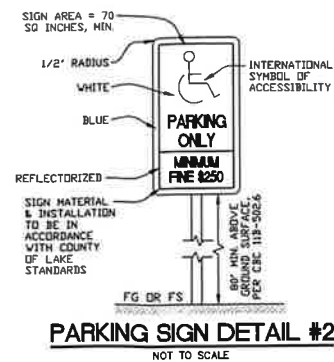
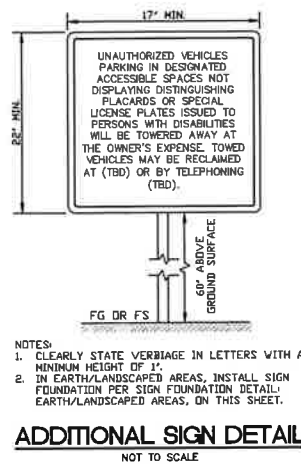
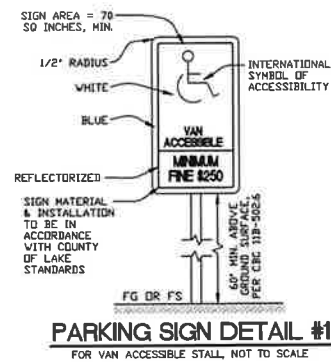
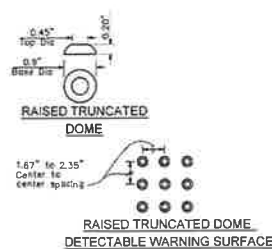
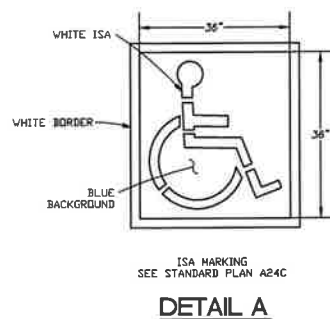
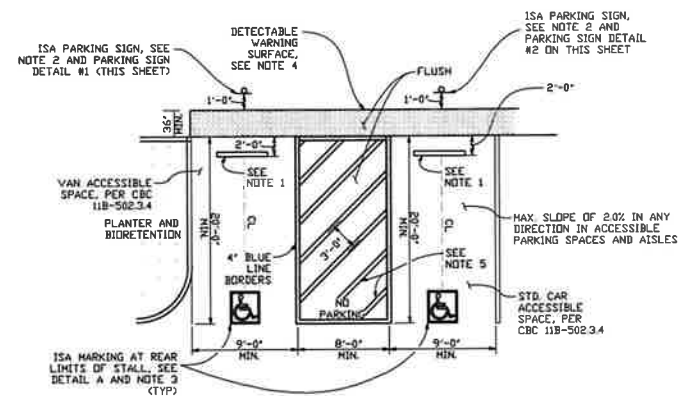


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DANIEL JOHN HUGHES
DATE: 06/22/25
RCE 00225

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DATE 3/21/23

FILE NO: 2512BAG

12th No. 2

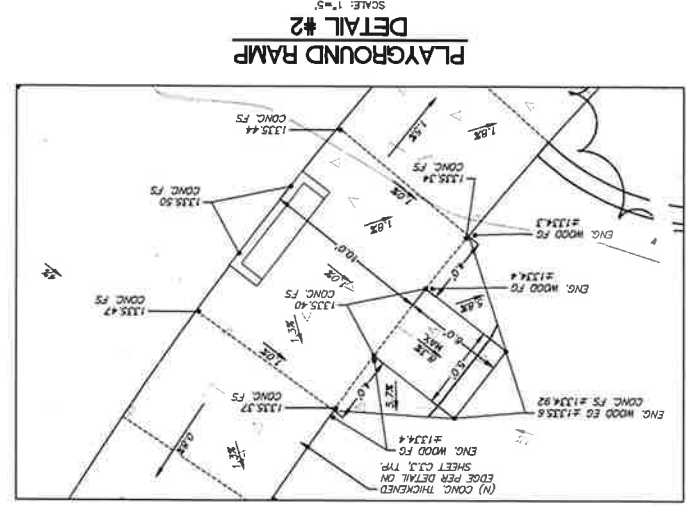
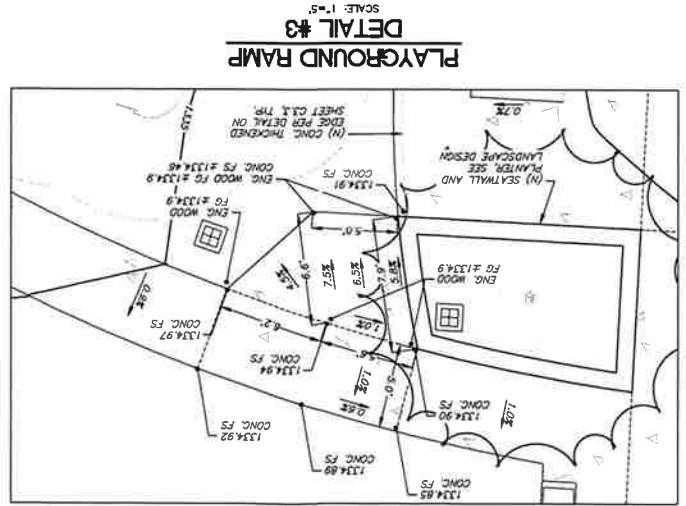
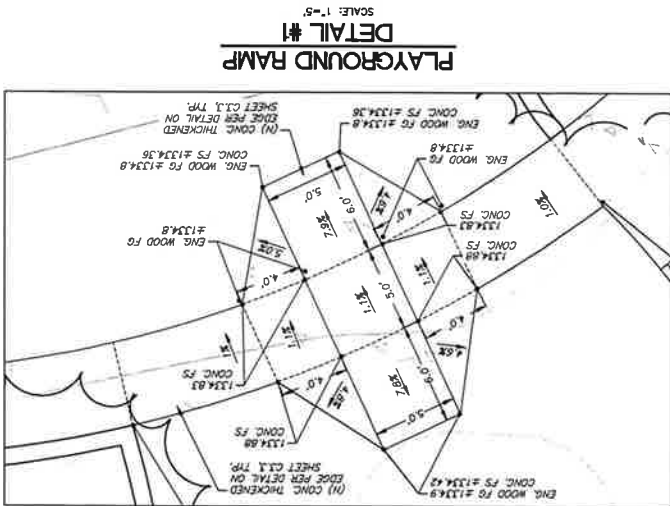
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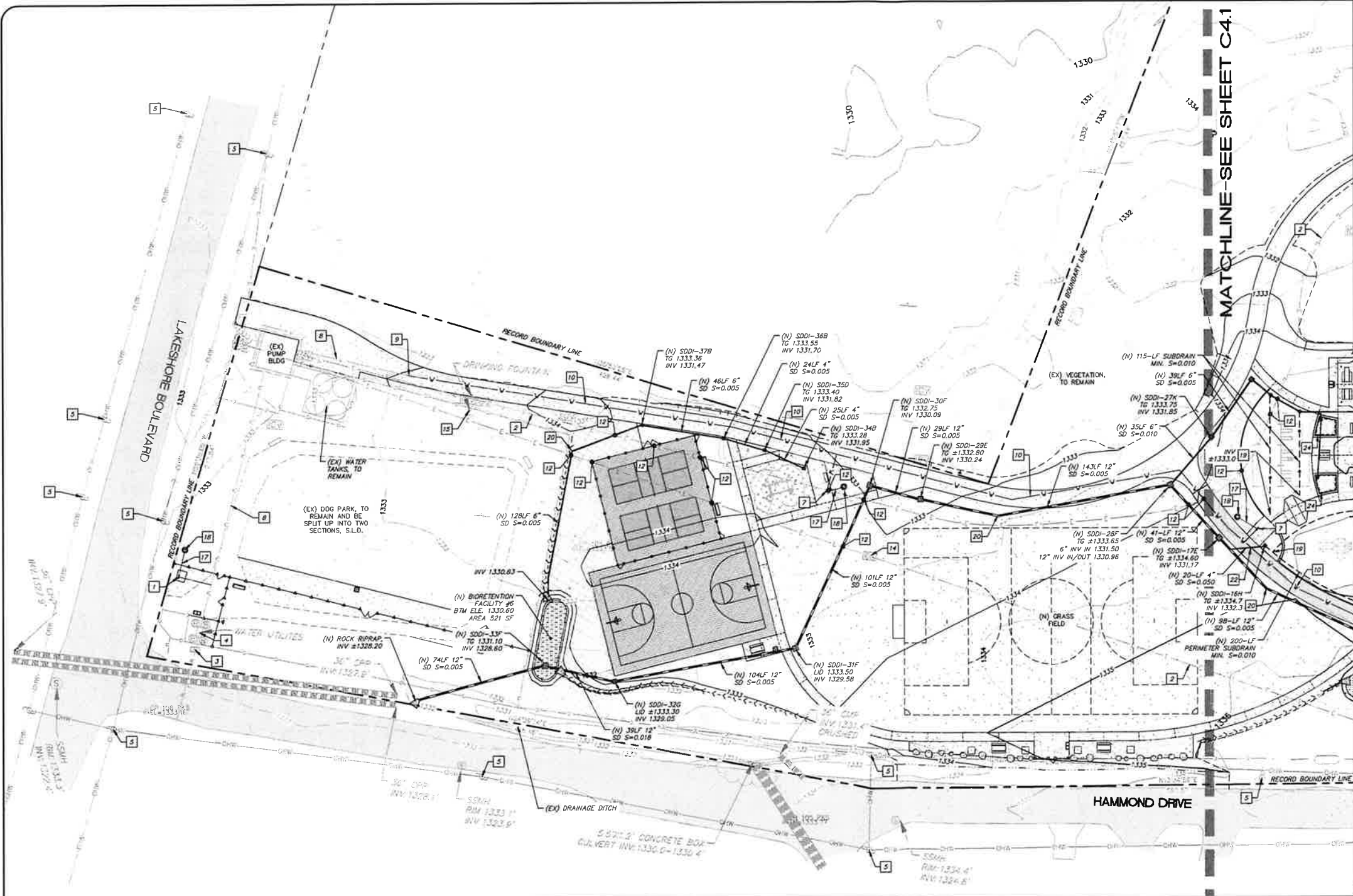
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 D. J. H.

DATED: JOHN HUGHES DATE
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UTILITY GENERAL NOTES

- CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES TO VERIFY EXACT LOCATION PRIOR TO CONSTRUCTION OF ANY PROPOSED UTILITIES. COORDINATE POTHOLING OF EXISTING UTILITIES WITH THE UTILITY COMPANIES THAT SERVE THAT LOCATION.
- PIPE CHASES FOR LANDSCAPE IRRIGATION IS NOT SHOWN ON THESE PLANS AND SHOULD BE INSTALLED PRIOR TO PLACING CONCRETE FLATWORK.
- ADJUST EXISTING UTILITY BOXES TO FINISHED GRADE. ADJUST EXISTING UTILITY LINES AND PROVIDE EXTENSIONS AS REQUIRED.
- ALL WATER LINES SHOULD BE INSTALLED PER DETAIL ON SHEET C4.2, AS WELL AS ALL STANDARDS BY COUNTY OF LAKE AND NICE MUTUAL WATER COMPANY. REFER TO GEOTECHNICAL REPORT FOR TRENCHING AND BACKFILLING RECOMMENDATIONS.
- ALL DOMESTIC AND IRRIGATION WATER UTILITIES SHALL BE INSPECTED BY NICE MUTUAL WATER COMPANY.
- DRAINAGE STRUCTURES, CLEANOUTS, OR "Y" CONNECTION SHALL BE USED AS APPROPRIATE AT STORM DRAIN ALIGNMENT DEFLECTIONS OR JUNCTIONS OF INTERSECTING DRAIN LINES TO FACILITATE MAINTENANCE.

UTILITY LEGEND

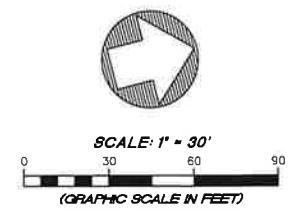
- PROPOSED STORM DRAIN INLET, SEE DRAINAGE SCHEDULE
- PROPOSED ADS N-12 CORRUGATED HDPE WATER-TIGHT STORM DRAIN PIPE INSTALLED IN TRENCH PER DETAIL ON SHEET C4.2
- PROPOSED SUBDRAIN
- EXISTING STORM DRAIN PIPE
- EXISTING 2" PVC WATER SERVICE LINE APPROX. LOCATION, NOT SURVEYED, VERIFY IN FIELD PRIOR TO START OF CONST.
- REROUTED EXISTING 2" PVC WATER SERVICE LINE, INSTALL IN TRENCH PER COUNTY OF LAKE STANDARDS
- EXISTING ELECTRIC LINE APPROX. LOCATION, NOT SURVEYED, VERIFY IN FIELD PRIOR TO START OF CONST.
- EXISTING SEWER SERVICE
- EXISTING OVERHEAD WIRES

UTILITY KEYNOTES

- (N) DRINKING FOUNTAIN, CONNECT TO (EX) WATER SERVICE
- (EX) LOW VOLTAGE LINE, APPROX. LOCATION (NOT SURVEYED), INCOMPLETE, VERIFY IN FIELD PRIOR TO START OF CONSTRUCTION
- (X) WATER METER
- (EX) BACKFLOW PREVENTER
- (EX) UTILITY POLE
- (EX) SANITARY SEWER CLEANOUT
- (N) DRINKING FOUNTAIN, CONNECT TO REROUTED WATER SERVICE. WATER SUPPLY SIZE AND DRAIN PIPE SIZE SHALL BE ACCORDING TO FOUNTAIN MODEL SPECIFICATIONS, S.L.D. DEPTH OF PIPES SHALL BE PER COUNTY OF LAKE STANDARDS.
- (EX) WATER SERVICE, TO REMAIN
- BEGIN REROUTING OF EX. WATER SERVICE
- REROUTED WATER SERVICE, INSTALL IN TRENCH PER COUNTY OF LAKE STANDARDS
- (EX) ELECTRICAL EQUIP. TO REMAIN
- POTHOLE AND VERIFY DEPTH AND LOCATION OF EX. ELEC. LINES PRIOR TO START OF CONSTRUCTION TO ENSURE EX. ELEC. LINES ARE IN GOOD WORKING ORDER AND HAVE FREE AND CLEAR OPERATION. SHOULD EX. ELEC. LINES NOT BE IN GOOD WORKING ORDER, DO NOT HAVE FREE AND CLEAR OPERATION, OR CONFLICT WITH PROPOSED IMPROVEMENTS (SUCH AS NEW FENCE/GATE POSTS, NEW UTILITIES SUCH AS STORM DRAIN OR WATER), CONTACT OWNER, ARCHITECT, AND ENGINEER FOR RESOLUTION. REROUTED WATER SERVICE INTO EX. WATER SERVICE.
- EX. ELEC. BOX OR STRUCTURE, ADJUST TO FINISH GRADE
- EX. DRINKING FOUNTAINS, CONNECT TO (N) WATER SERVICE
- PORTION OF EX. WATER SERVICE TO REMAIN (APPROX. 10 LF)
- (N) DRINKING FOUNTAIN DRAIN LINE, SIZE AND SLOPE PER MANUFACTURER SPEC.'S DEPTH OF LINE PER COUNTY OF LAKE STANDARDS, OUTLET TO (N) DRYWELL
- (N) DRYWELL, PER DETAIL ON SHEET C4.2
- (N) SUBDRAIN CLEANOUT, PER CLEANOUT DETAIL #1 ON SHEET C4.2
- (N) STORM DRAIN CLEANOUT, PER CLEANOUT DETAIL #2 ON SHEET C4.2
- (EX) IRRIGATION CONTROL VALVE TO REMAIN AND PROTECT IN PLACE
- (N) WATER LINE CROSSING UNDER (N) STORM DRAIN SYSTEM PER COUNTY OF LAKE STANDARDS. MIN. 12" VERTICAL CLEARANCE FROM BOTTOM OF STORM DRAIN PIPE AND TOP OF WATER LINE
- POTHOLE AND VERIFY DEPTH AND LOCATION OF EX. SANITARY SEWER LATERAL PRIOR TO START OF CONSTRUCTION. VERIFY EX. SANITARY SEWER LATERAL DOES NOT CONFLICT WITH (N) STORM DRAIN, AND EX. SANITARY SEWER LATERAL AND (N) STORM DRAIN HAVE A MINIMUM VERTICAL SEPARATION OF 12". SHOULD EX. SANITARY SEWER LINE CONFLICT WITH (N) STORM DRAIN, OR NOT MEET THE MINIMUM VERTICAL SEPARATION OF 12", CONTACT OWNER, ARCHITECT, AND ENGINEER FOR RESOLUTION.
- (N) RETAINING WALL BACKDRAIN FOR RAISED PLANTER WALL. BACKDRAIN SHOULD CONSIST OF 4-INCH DIA. PERFORATED PIPE EMBEDDED IN CLASS 2 PERMEABLE MATERIAL PER GEOTECHNICAL STUDY REPORT DATED DEC. 5, 2024 BY RCH. SLOPE MIN. 1.0% AND OUTLET/CONNECT TO NEAREST STORM DRAIN.

DRAINAGE SCHEDULE AND NOTES

- #A OLD CASTLE PRECAST 18"x18" DROP INLET WITH GREEN GRATE (OR APPROVED EQUAL)
 - #B OLD CASTLE PRECAST 12"x12" DROP INLET WITH GREEN GRATE (OR APPROVED EQUAL)
 - #C NDS 18" SQUARE CATCH BASIN WITH GREEN GRATE (OR APPROVED EQUAL)
 - #D NDS 12" SQUARE CATCH BASIN WITH GREEN GRATE (OR APPROVED EQUAL)
 - #E 12" PIPE RISER WITH 24" GREEN OR BLACK GRATE (OR APPROVED EQUAL)
 - #F NDS 24" SQUARE CATCH BASIN WITH GREEN GRATE (OR APPROVED EQUAL)
 - #G OLD CASTLE PRECAST 18"x18" JUNCTION BOX (OR APPROVED EQUAL)
 - #H NDS SPEED-D BASIN WITH 6" GREEN OR BLACK GRATE (OR APPROVED EQUAL)
 - #I NDS 12" SQUARE JUNCTION BOX WITH BOX COVER (OR APPROVED EQUAL)
 - #K 6" PIPE RISER WITH 12" GREEN OR BLACK GRATE (OR APPROVED EQUAL)
- NOTE: D/S IN ACCESSIBLE WALKWAYS SHALL HAVE A GRATE THAT COMPLIES WITH SECTION 11B-302.3 OF THE CALIFORNIA BUILDING CODE



Daniel John Hughes
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DRAW: ERL
CHECK: DJH

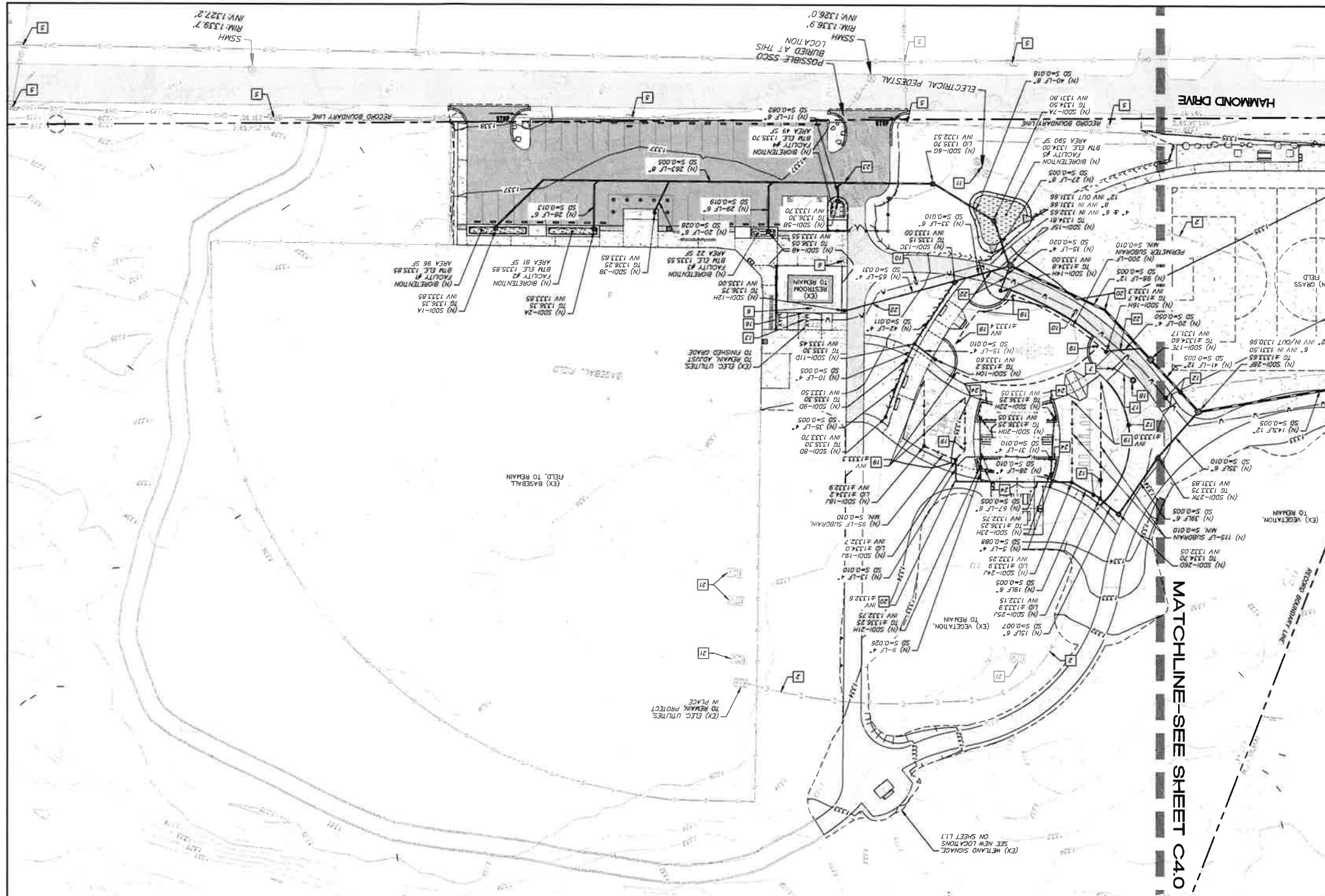
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UTILITY PLAN - SOUTH

DATE: 2/2/25
FILE NO: 2502B/ASE
JOB NO: 2512
SHEET NO:
C4.0
OF 46

DRAINAGE SCHEDULE AND NOTES

[illegible]

SCALE: 1" = 30'
(GRAPHIC SCALE IN FEET)



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[illegible]

UTILITY KEYNOTES

PROPOSED STORM DRAIN INLET, SEE DRAINAGE SCHEDULE

PROPOSED AOS N-12 CORRUGATED W/PE TIGHT STORM DRAIN PIPE
INSTALLED IN TRENCH PER DETAIL ON SHEET C-4.2

PROPOSED SUBDRAIN

EXISTING STORM DRAIN PIPE

EXISTING 2" PVC WATER SERVICE LINE

RELOCATED EXISTING 2" PVC WATER SERVICE LINE, INSTALL IN TRENCH PER
COUNTRY OF UTAH STANDARDS

EXISTING ELECTRIC LINE

APPROX. LOCATION, NOT SURVEYED, VERIFY IN FIELD PRIOR TO START OF CONST.

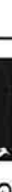
EXISTING SEWER SERVICE

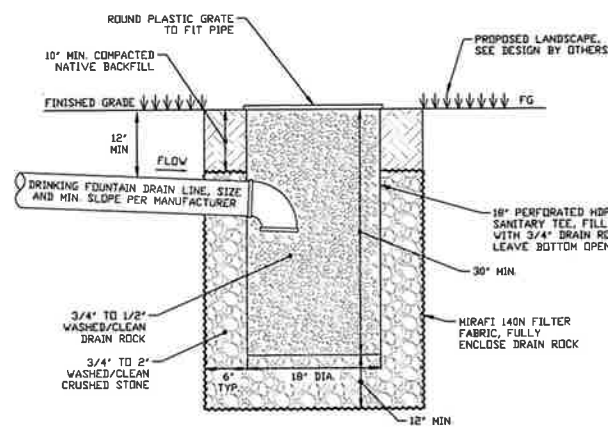
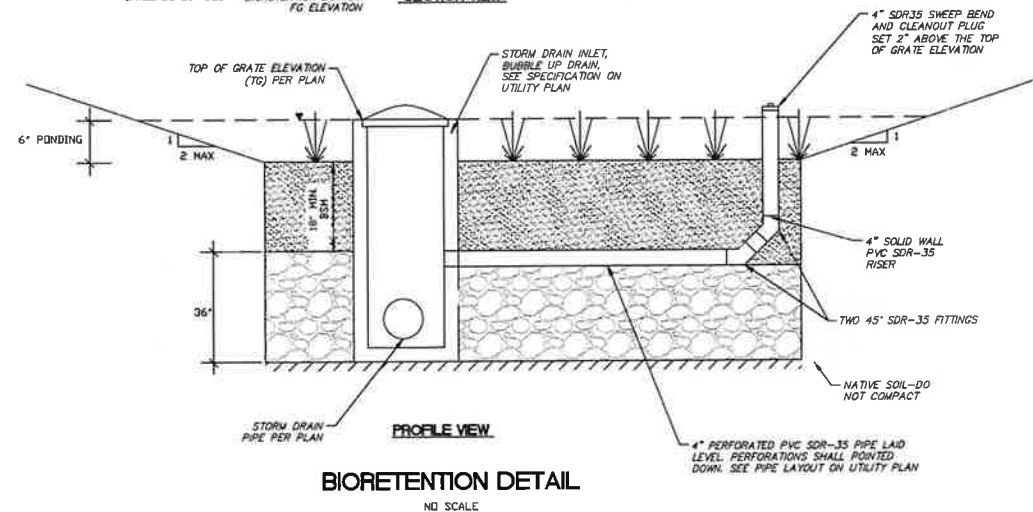
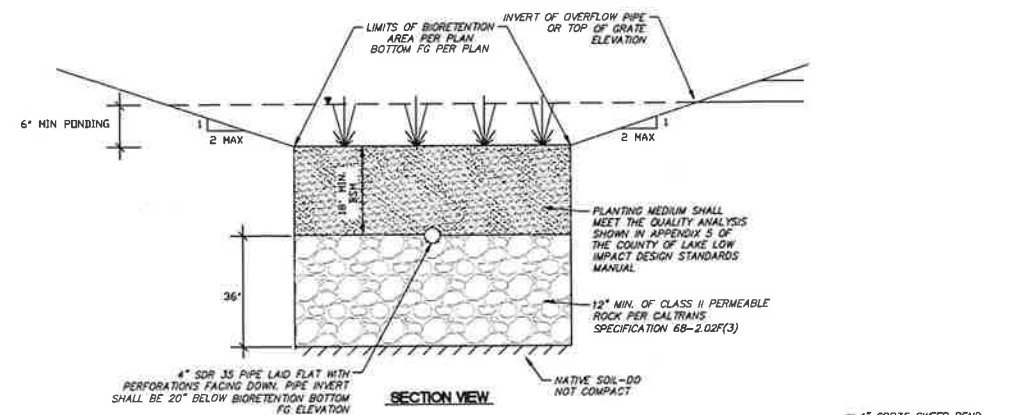
EXISTING OVERHEAD WIRES

UTILITY LEGEND

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2. PIPES CHASES FOR LANDSCAPE IRRIGATION IS NOT SHOWN ON THESE PLANS AND SHOULD BE INSTALLED PRIOR TO PLACING CONCRETE RAINMARK.
3. PROVIDE EXPOSURES AS REQUIRED.
4. ALL WATER LINES SHOULD BE INSTALLED PER DETAIL ON SHEET C-4.2, AS WELL AS ALL 2013/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000/1001/1002/1003/1004/1005/1006/1007/1008/1009/

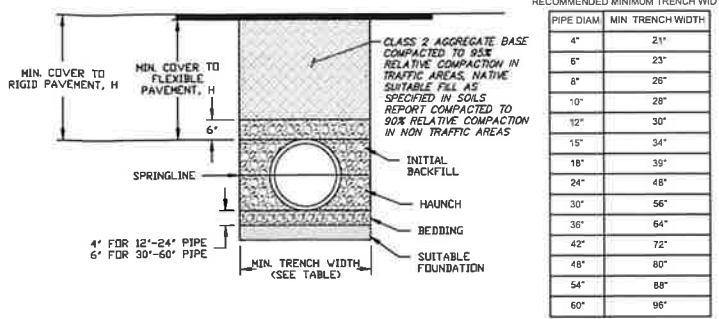
UTILITY GENERAL NOTES

9	DATE: 2/2/25	FILE NO. 2205452	JOB NO. 2012	SHEET NO.
C4.1	COUNTY OF LAKE HAMMOND PARK 6935 HAMMOND AVE. NICE, CA			
6	UTILITY PLAN - NORTH			
4	 GSM landscape architects, inc. landscape architecture site planning 1700 Seowl Ave., Suite 23 Napa, CA 94559 (707) 225-6630 www.gsmna.com			
1	DES. H&E	DRAW. D&L	CHECK. D&L	

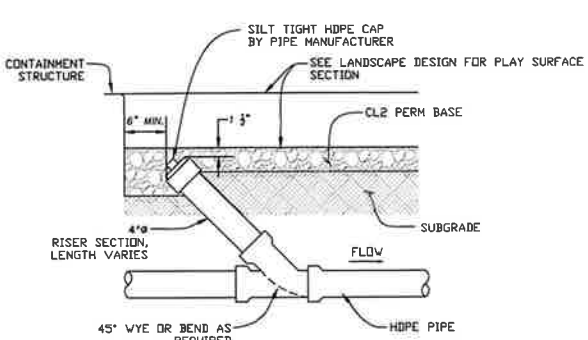


NOTES:
1. ALL DIMENSIONS ARE APPROXIMATE AND SHALL BE VERIFIED PRIOR TO CONSTRUCTION.

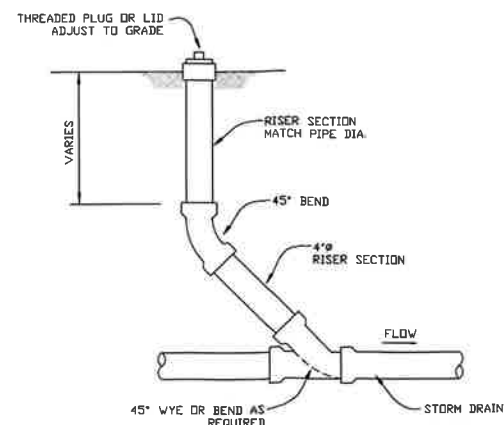
DRY WELL DETAIL
NOT TO SCALE



CORRUGATED HDPE STORM DRAIN PIPE TRENCH DETAIL
NO SCALE

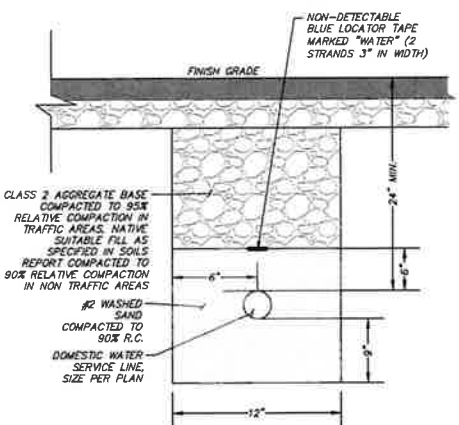


CLEANOUT IN PLAY AREA OR LANDSCAPED SURFACE CLEANOUT DETAIL #1
NOT TO SCALE

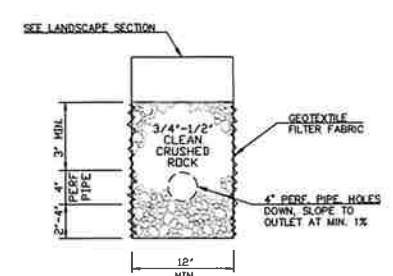


STORM DRAIN CLEANOUT CLEANOUT DETAIL #2
NOT TO SCALE

- NOTES:**
1. ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST EDITION.
 2. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
 3. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
 4. BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER UNLESS OTHERWISE NOTED BY THE ENGINEER. MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 4"-24" (100mm-600mm); 6" (150mm) FOR 30"-60" (750mm-3000mm).
 5. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 6' ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
 6. MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 54"-60" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.



DOMESTIC WATER TRENCH
NO SCALE



SUBDRAIN DETAIL UNDER LANDSCAPE SURFACES
NOT TO SCALE



MUNSELLE CIVIL ENGINEERING
513 CENTER STREET
HEALDSBURG, CA 95448
(707) 395-0968

Daniel John Hughes
DANIEL JOHN HUGHES
PCE 002225



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DES: MCE

DRAW: BRL

CHECK: D.J.H.

GSM landscape architects, inc.

landscape architecture

site planning

1700 Sunset Ave., Suite 29

Napa, CA 94559

(707) 255-4630

www.gsmllac.com

DETAILS

COUNTY OF LAKE HAMMOND PARK

NICE, CA

6935 HAMMOND AVE.

DATE: 2/21/25

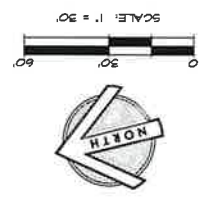
FILE NO: 2512BAGE

JOB NO: 2512

SHEET NO:

C4.2

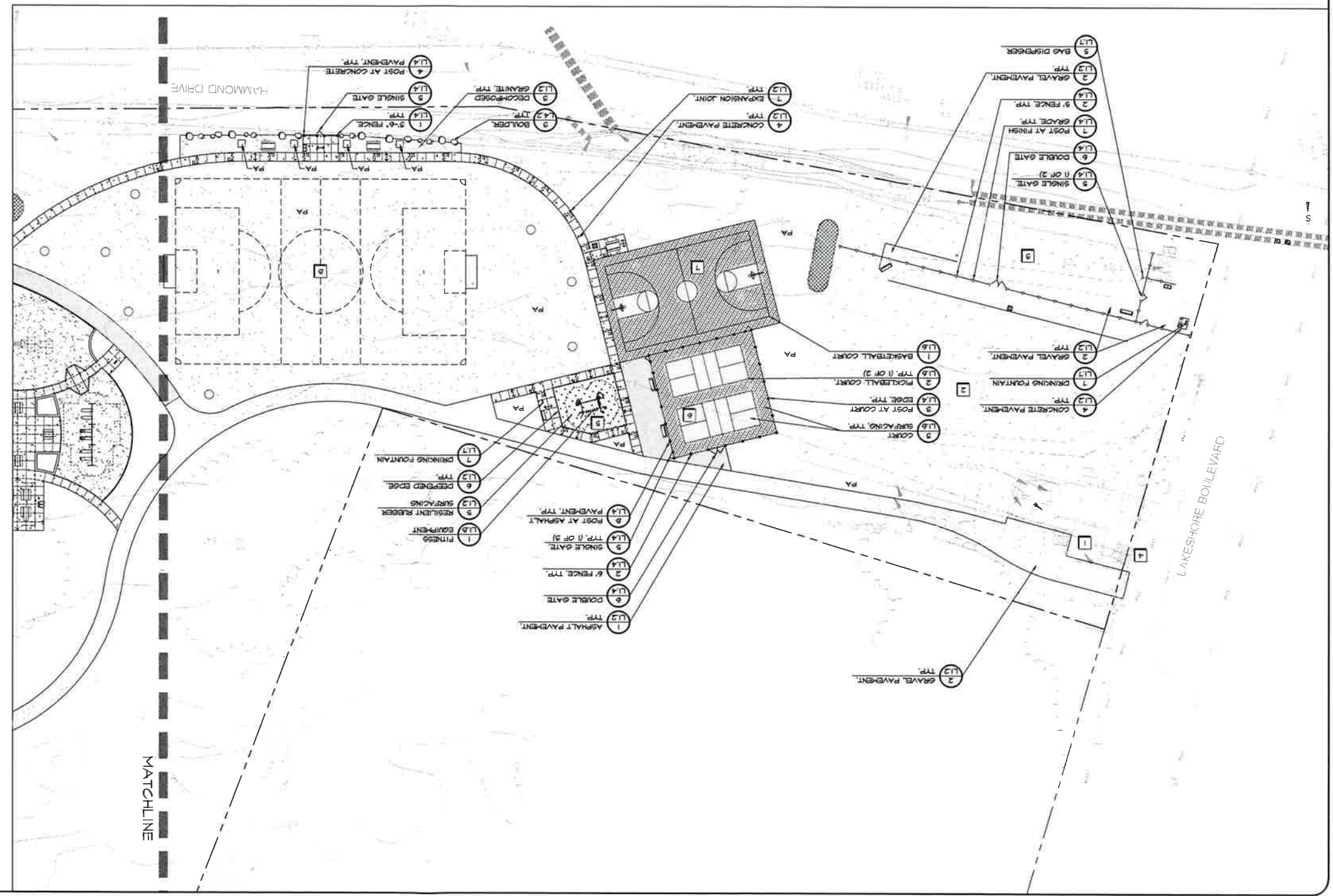
OF 4



- | | |
|--|---|
| Existing Pump Building | 1 |
| Large Dog Area | 2 |
| Small Dog Area | 3 |
| Existing Electric Meter Service Pedestal | 4 |
| Plaza Area | 5 |
| Pickelball Courts | 6 |
| Basketball Court | 7 |
| 55 yd x 35 yd youth soccer striping shown for reference only | 8 |

CONCRETE NOTES

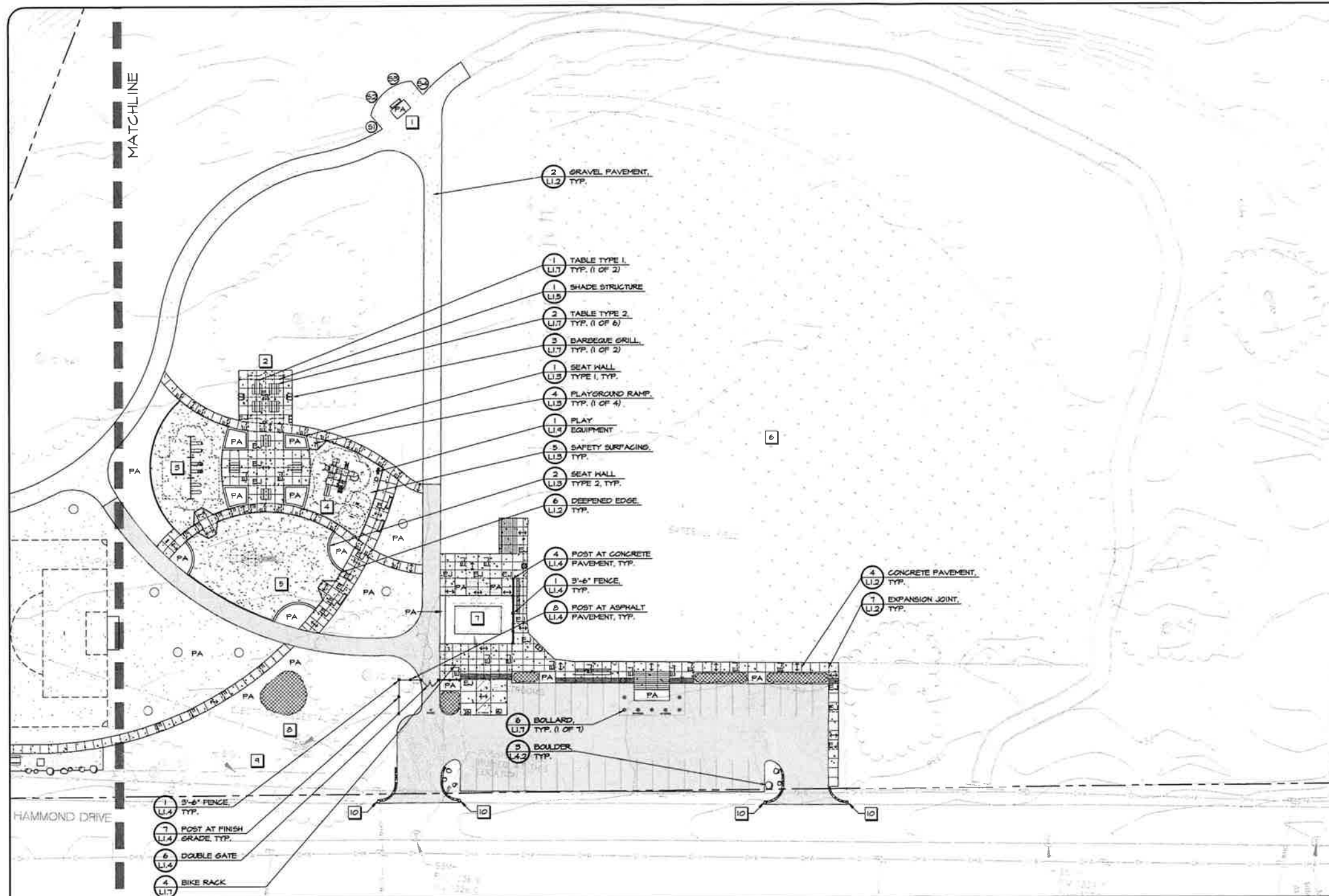
1. Plans and Project Specifications.
2. The concrete layer, prior to placement of concrete, shall be primed with a water-reducing agent to reduce the water-cement ratio. The primer shall be applied to the surface of the subgrade and shall be allowed to dry before the concrete is placed.
3. Concrete shall remain expansion joints between different concrete pours and adjacent to existing concrete pavement unless otherwise noted.
4. Contractor shall place 3/8" circular impregnated fiber board where new concrete meets existing concrete, building or vertical curb, new curb and gutter, concrete bond, etc.
5. Tied control joints shall run continuously and extend through integral curbs and inlets. Tied control joints shall be as short as possible on the layout plan, and coincide with the corners of objects, structures and the beginning and ends of curves. Joints should have a minimum depth of 25% of the slab thickness, unless otherwise noted.
6. All concrete shall be natural, tinted with Lampblack, 1 lb. per cubic yard of concrete; adjust as needed to reduce glare to the satisfaction of the County.
7. Concrete pavement with slopes less than 6% shall receive a medium broom finish in the direction shown on the Material and Detail Reference Plan. When a steeper grade than 6% is desired a heavy broom finish shall be applied.



- | Symbol | Description |
|--------|--|
| | Aphalt Pavement |
| | Concrete Pavement |
| | Textured Acrylic Color Surfacing - Color 1, Medium Green |
| | Textured Acrylic Color Surfacing - Color 2, Dark Blue |
| | Gravel Pavement |
| | Decomposed Granite Pavement |
| | Resilient Rubber Surfacing, 25% Lime Green, 25% Shamrock Green, and 50% Black Fowled in Place (BPM) granules with aromatic polyurethane binder |
| | Engineered Wood Fiber |
| | Turf. See Planting Plans |
| | Biorotation Area. See Civil Plans |
| | Existing Tree. See Tree Protection Standards on Sheet L-4.1 |
| | Planting Area. See Planting Plans |
| | Expansion Joint |
| | Toiled Control Joint |
| | Direction of Broom Finish |
| | 3'-6" High Fence |
| | 5' High Fence |
| | 6' High Fence |
| | Single Gate |
| | Double Gate |
| | Drinking Fountain (OFCI) |
| | Basketball Backboard |
| | Bollard |
| | Bag Dispenser |
| | Boulders |
| | Precast Concrete Bench (relocate existing) |
| | Precast Concrete Table (relocate existing) |
| | Precast Concrete Trash/Recycling Receptacle (relocate existing) |
| | Playgears Bench (relocate existing) |
| | Bleachers (relocate existing) |
| | Type 1 Table |
| | Type 2 Table |
| | Dual Bortecue |
| | Bicycle Rack |

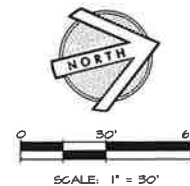
MATERIAL LEGEND

(NOT ALL MAY APPEAR ON THIS SHEET)



SHEET NOTES

- 1 Wetland Overlook
- 2 Picnic Shelter
- 3 Swings
- 4 Ages 2-5 Play Equipment
- 5 Existing Ages 5-12 Play Equipment
- 6 Existing Baseball Field
- 7 Existing Restroom Building
- 8 Existing Electric Pedestal Panel
- 9 Existing Park Sign
- 10 Extend Basecoat at Driveways. See Civil Drawings



MATERIAL LEGEND

(NOT ALL MAY APPEAR ON THIS SHEET)

Symbol	Description
	Asphalt Pavement
	Concrete Pavement
	Textured Acrylic Color Surfacing - Color 1: Medium Green
	Textured Acrylic Color Surfacing - Color 2: Dark Blue
	Gravel Pavement
	Decomposed Granite Pavement
	Resilient Rubber Surfacing: 25% Lime Green, 25% Shamrock Green, and 50% Black Poured In Place EPDM granules with aromatic polyurethane binder
	Engineered Wood Fiber
	Turf. See Planting Plans
	Bioretention Area. See Civil Plans
	Existing Tree. See Tree Protection Standards on Sheet L4.1
PA	Planting Area. See Planting Plans
EJ	Expansion Joint
	Tooled Control Joint
	Direction of Broom Finish
	3'-6" High Fence
	5' High Fence
	6' High Fence
	Single Gate
	Double Gate
	Drinking Fountain (OFCI)
	Basketball Backboard
	Bollard
	Bag Dispenser
	Boulders
	Precast Concrete Bench (relocate existing)
	Precast Concrete Table (relocate existing)
	Precast Concrete Trash/Recycling Receptacle (relocate existing)
	Players Bench (relocate existing)
	Bleachers (relocate existing)
	Type 1 Table
	Type 2 Table
	Dual Barbecue
	Bicycle Rack
	Relocate Existing Educational Signs (8 total)
	Great Blue Heron (low sign) and Thriving Wetland Plants (high sign)
	Osprey (low sign) and The Role of Watersheds (high sign)
	River Otter (low sign) and Wetlands + Wildlife (high sign)
	Clear Lake Hitch (low sign) and Wetlands + Water Quality (high sign)

Refer to Sign Foundation Details: Earth/Landscaped Areas on Sheet C3.3. Provide and install with commercial-grade outdoor hardware, equipment, and materials. Submit layout and mounting plan to County for review and approval.



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DES: BT

DRN: BT

CAD: GSK

GSM landscape architects, inc.

landscape architecture

site planning

(707) 255-4630

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MATERIAL AND DETAIL

REFERENCE PLAN

COUNTY OF LAKE

HAMMOND PARK

6935 HAMMOND AVE.

NICE, CA

DATE: 2/21/25

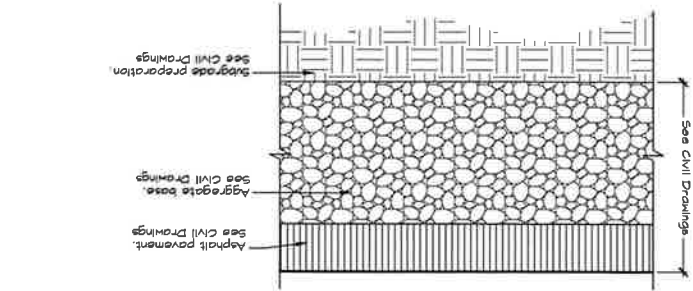
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JOB NO: 2502

SHEET NO:

L1.1

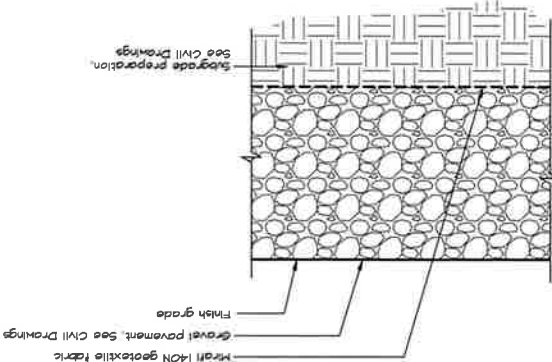
OF 4



- NOTES:
1. See Material and Detail Reference Plans for location and type.
 2. See Specifications for additional information on asphalt pavement and aggregate base materials.

① ASPHALT PAVEMENT

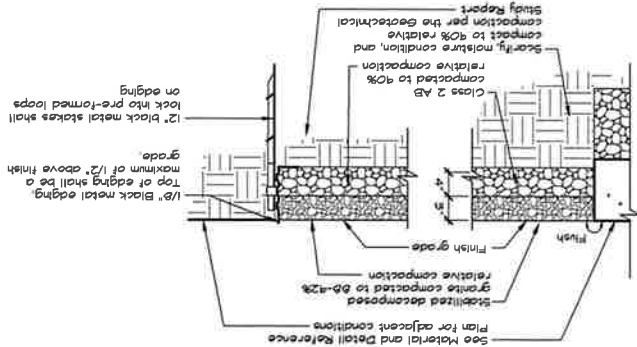
NOT TO SCALE



- NOTE:
1. Finish grade shall be flush with adjacent walking surfaces.
 2. Contractor shall provide and install edging. See Civil Drawings.

② GRAVEL PAVEMENT

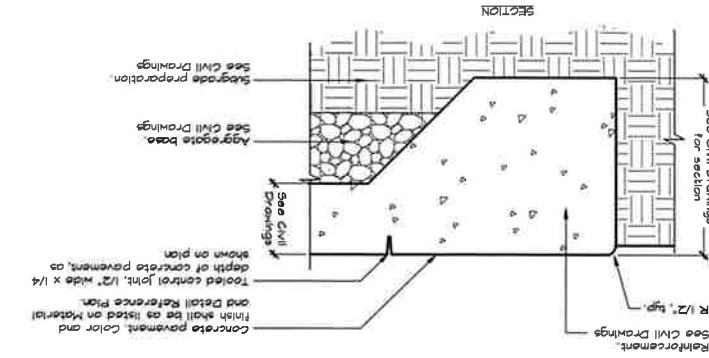
NOT TO SCALE



- NOTES:
1. Decomposed granite shall be Organic Lock Paving available through <https://nzsupply.com/>, or approved equal.
 2. Color shall be Tan.
 3. Contractor shall provide a 4' x 4' sample of with completed finish, on site, for review and approval by the County.
 4. Metal Edging shall be Formloc Permaform as manufactured by Formloc Corporation, Holland, MI.

③ DECOMPOSED GRANITE

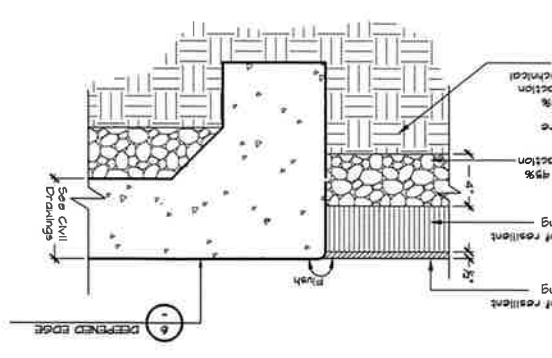
NOT TO SCALE



- NOTES:
1. See Concrete Notes on the Material and Detail Reference Plan.
 2. See Material and Detail Reference Plan for concrete color and finish.
 3. See Material and Detail Reference Plan for control joint and expansion joint locations.
 4. See Civil Drawings for grading and drainage design and information.

④ CONCRETE PAVEMENT

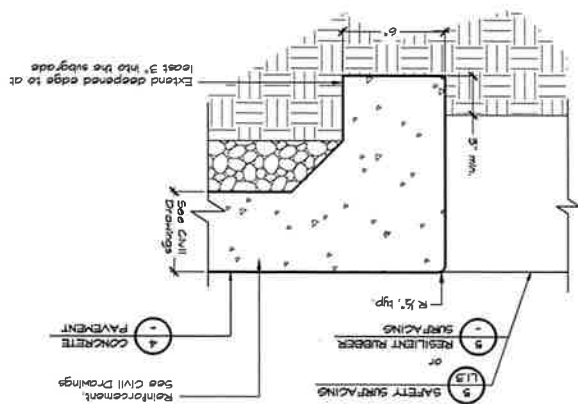
NOT TO SCALE



- NOTES:
1. Thickness of resilient rubber surfacing shall attenuate the critical fall height as listed in the manufacturer's specifications.
 2. See Material and Detail Reference Plan for resilient rubber surfacing color.
 3. See Material and Detail Reference Plan for resilient rubber surfacing base placement, moisture conditioning, and composition.
 4. See Sheet C-30 Notes for subgrade and aggregate base placement, moisture conditioning, and composition.

⑤ RESILIENT RUBBER SURFACING

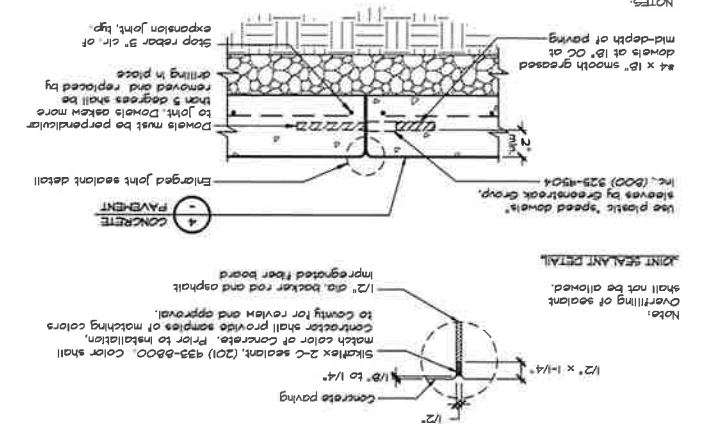
NOT TO SCALE



- NOTES:
1. See Concrete Notes on the Material and Detail Reference Plan.
 2. See Material and Detail Reference Plan for concrete color and finish.
 3. See Material and Detail Reference Plan for control joint and expansion joint locations.

⑥ DEEPEDED EDGE

NOT TO SCALE



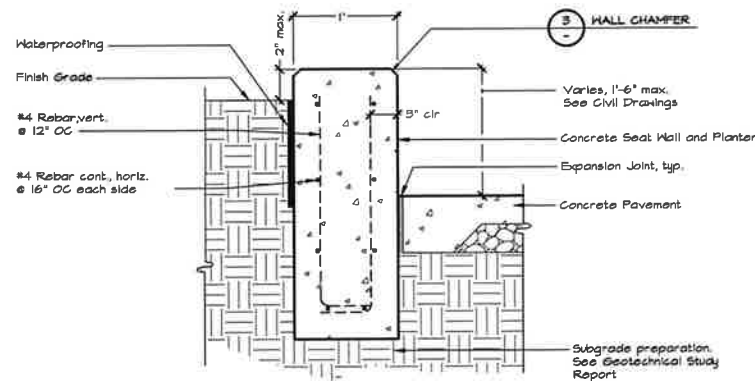
- NOTES:
1. See Concrete Notes on the Material and Detail Reference Plan.
 2. See Layout Plan on this sheet for location of expansion joints.

⑦ EXPANSION JOINT

NOT TO SCALE



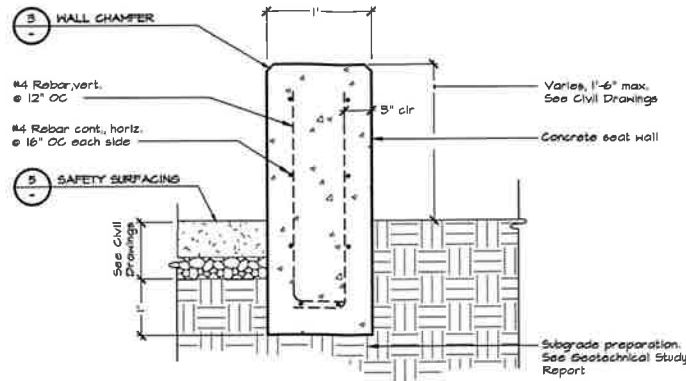
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Notes:

1. See Civil Drawings for wall heights and grading and drainage information.
2. Hold top of wall level unless otherwise noted on the Civil Drawings.
3. Wall finish shall be smooth sack finish on all exposed faces.
4. See Sheet C3.1 Notes for subgrade and aggregate base placement, moisture conditioning, and compaction.

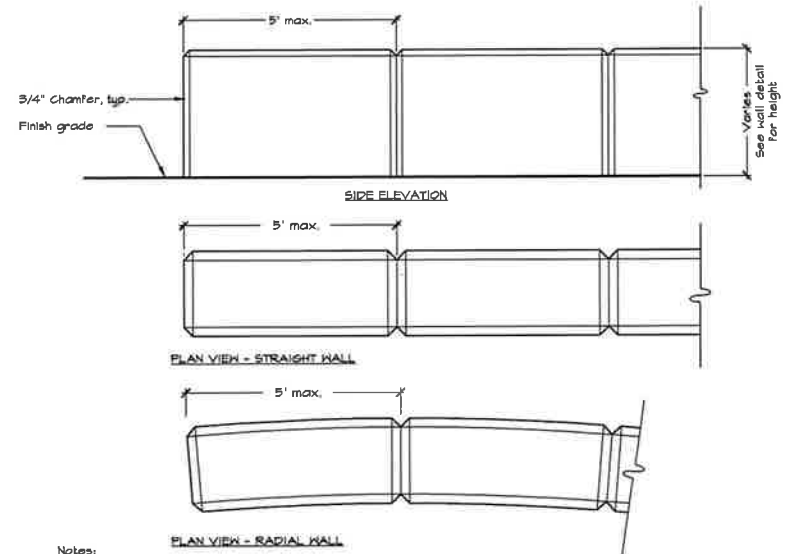
1 SEAT WALL TYPE 1
NOT TO SCALE



Notes:

1. See Civil Drawings for wall heights and grading and drainage information.
2. Hold top of wall level unless otherwise noted on the Civil Drawings.
3. Wall finish shall be smooth sack finish on all exposed faces.
4. See Sheet C3.1 Notes for subgrade and aggregate base placement, moisture conditioning, and compaction.

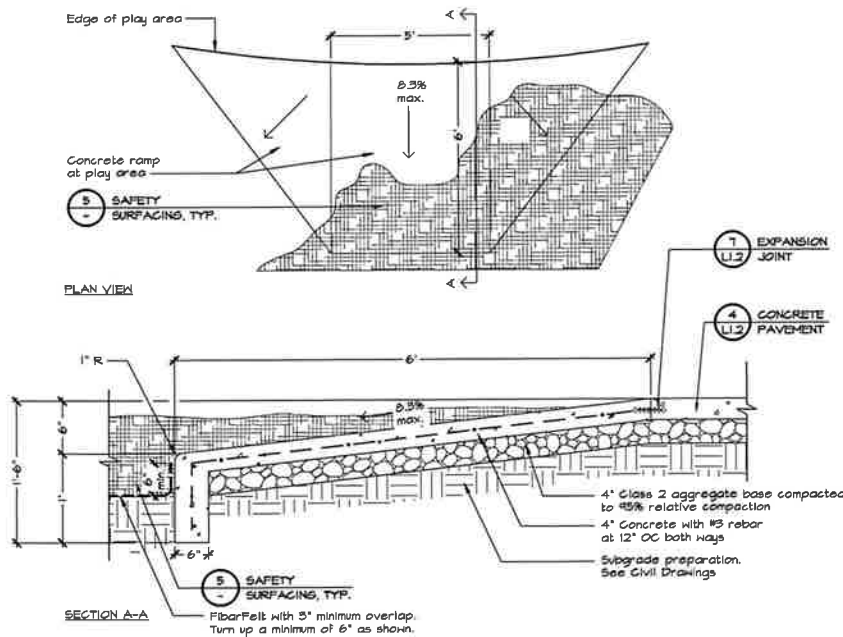
2 SEAT WALL TYPE 2
NOT TO SCALE



Notes:

1. See Layout Sheet for wall dimensions.
2. Top of wall scores shall be perpendicular to long sides of wall.
3. Hold top of wall level unless otherwise noted on the Civil Drawings.
4. Chamfer sections at walls shall be evenly spaced along wall sections/faces at all corners, changes in direction, and at a maximum of 5' feet.

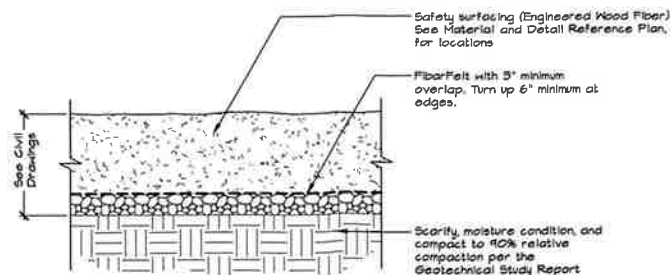
3 WALL CHAMFER
NOT TO SCALE



NOTE:

1. See Concrete Notes on the Material and Detail Reference Plan.

4 PLAYGROUND RAMP
NOT TO SCALE



NOTES:

1. Safety surfacing shall be Playground Fiber as available from Sun Gro Horticulture, (800) 222-2551, or approved equal.
2. See Civil Drawings for drainage.
3. Contractor shall account for shrinkage and compaction of safety surfacing to ensure 1'-0\"/>

5 SAFETY SURFACING
NOT TO SCALE



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CONSTRUCTION
DETAILS

COUNTY OF LAKE
HAMMOND PARK
6935 HAMMOND AVE.
NICE, CA

DATE: 2/2/25

FILE NO: 2502ET

JOB NO: 2312

SHEET NO:

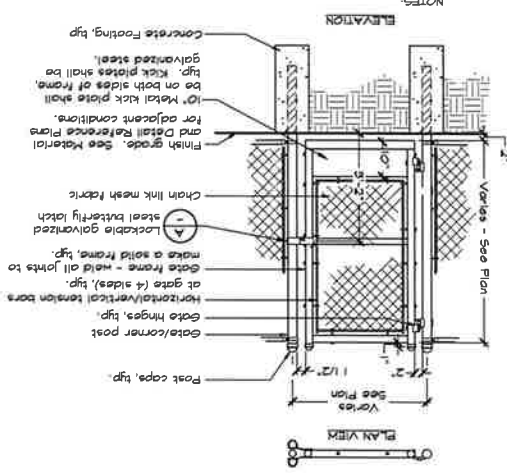
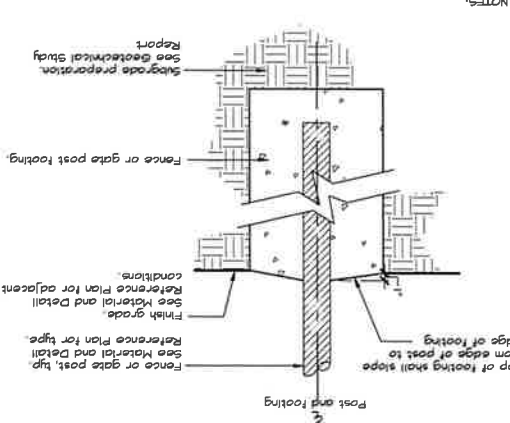
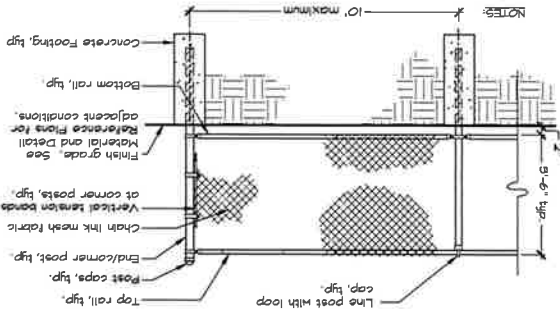
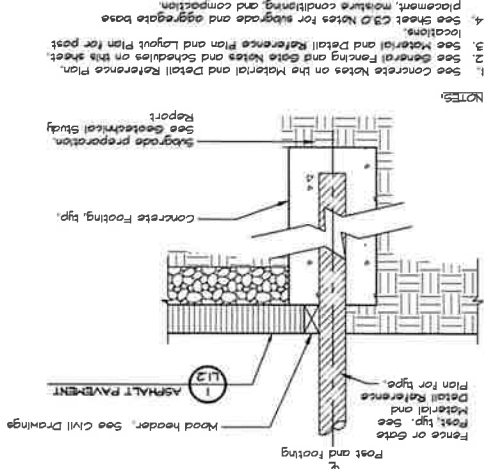
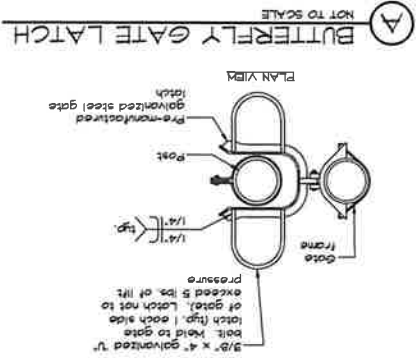
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OF 46

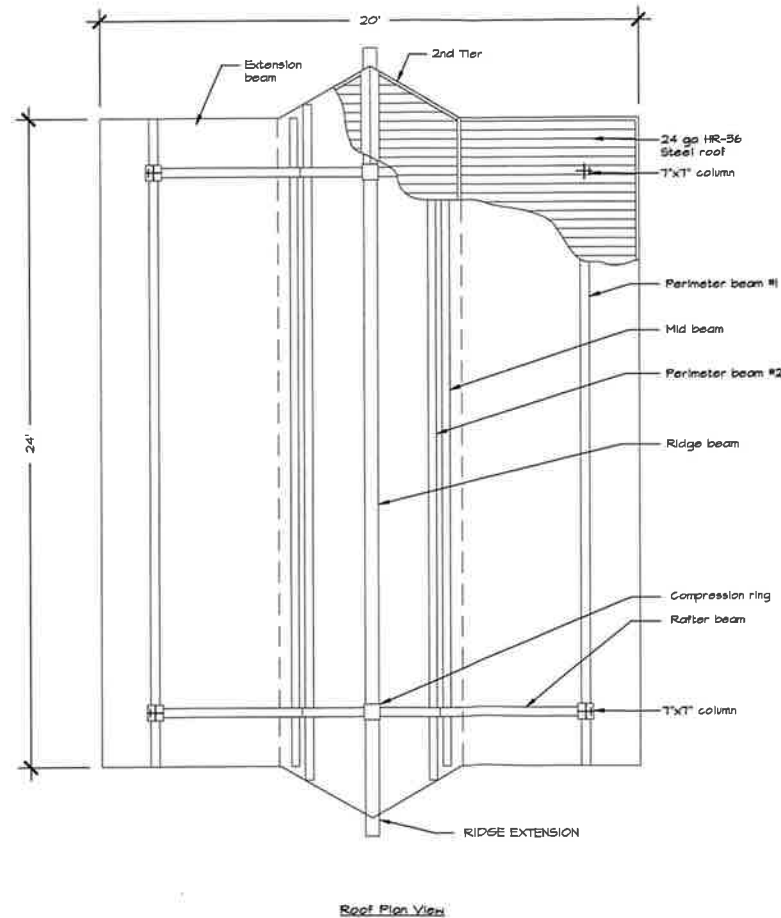
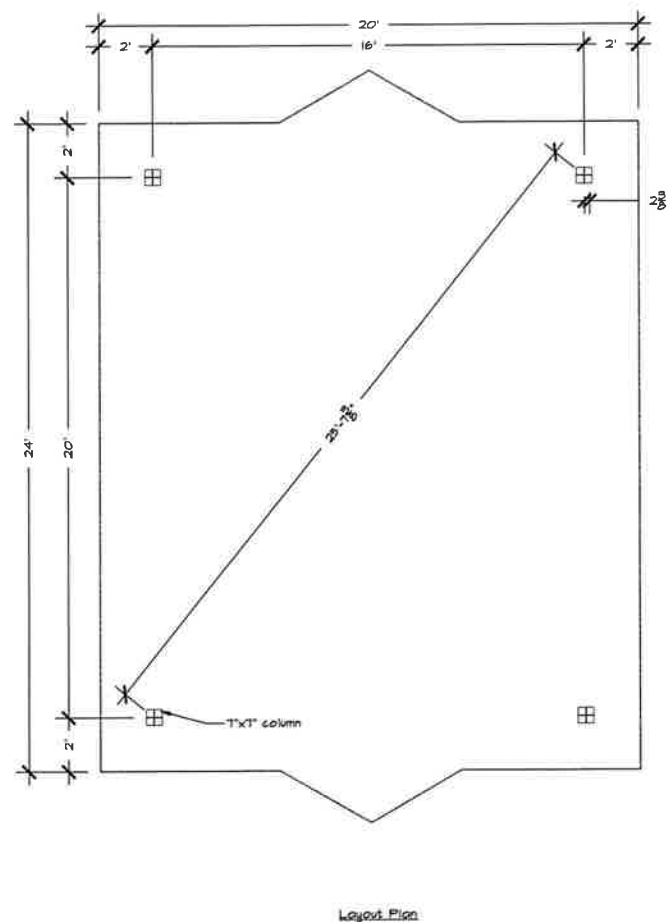
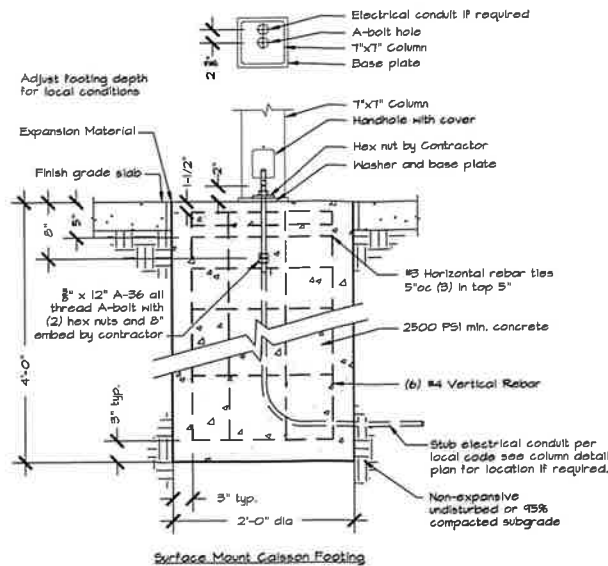
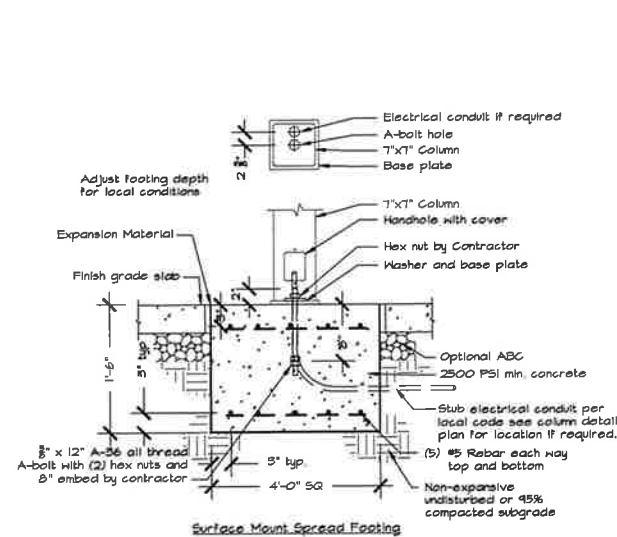


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(707) 255-4630
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CHECK: GSH

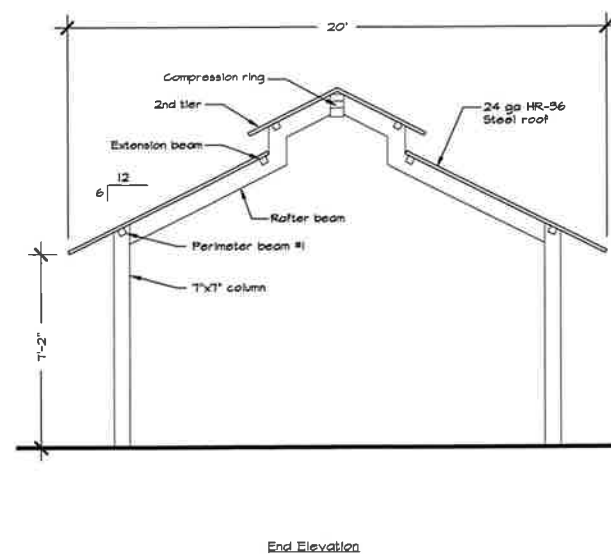
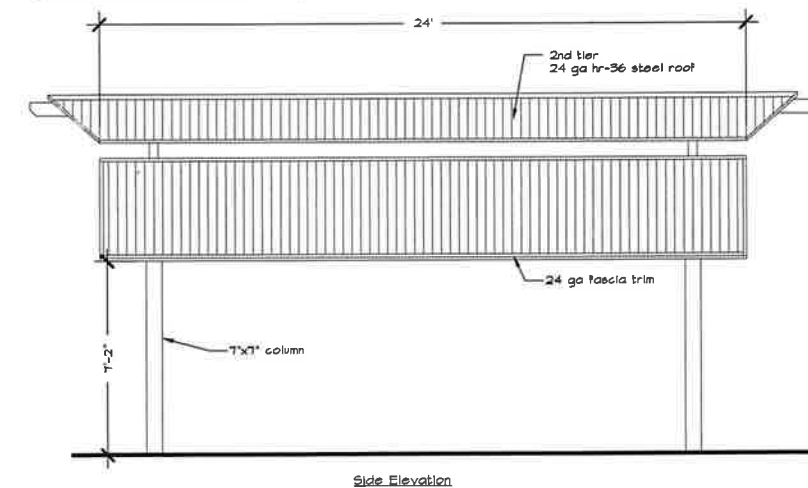
Gate Schedule		Description	Detail	Reference	Gate Post	Gate Frame	A	B	C
Footings and depth	Size								
3'-6" high x 3'-6" wide	10' x wide	Single Gate 5' to 6' high x 3'-6" wide	5	3	3'-9/8" OD (STD)	1 7/8" OD (STD)	3' SCH 40 Pipe	3'	2'-6"
Double Gate 5' to 6' high x 10' wide	4' wide	Double Gate 5' to 6' high x 10' wide	6	3	2-3/8" OD (STD)	1-7/8" OD (STD)	3' SCH 40 Pipe	3'	2'-6"
Double Gate 5' to 6' high x 10' wide	6' high x 10' wide	Double Gate 5' to 6' high x 10' wide	6	3	3-1/2" OD (STD)	2-3/8" OD (STD)	3' SCH 40 Pipe	3'	2'-6"
Double Gate 5' to 6' high x 10' wide	6' high x 10' wide	Double Gate 5' to 6' high x 10' wide	6	3	3-1/2" OD (STD)	2-3/8" OD (STD)	3' SCH 40 Pipe	3'	2'-6"

[illegible]



PRE-FABRICATED SHADE STRUCTURE

- Shade structure shall be a deferred submittal. See Sheet S1.0 for deferred submittal information.
- Building materials: Shade Structure shall be Cheyenne Model from Classic Recreation System as provided by Ross Recreation, or approved equal. Contact Jon Borden of Ross Recreation at (707) 736-6840 or jonb@rossrec.com.
- Contractor shall provide shop drawings with materials and color samples for review and approval by County and Landscape Architect prior to ordering.
- Permits: The Contractor shall be responsible for obtaining a building permit within two weeks of award of the contract. Contractor shall submit to the County all required drawings, details, and calculations. Building Permit fees will be paid for by the County, however, all required documentation including drawings, material lists, calculations and engineering shall be paid for and provided by the Contractor.
- Shade Structure shall comply with County standards.
- Prior to bid, the Contractor shall visit the site to adequately determine all pre-existing conditions. By the act of submitting a bid, the Contractor will be deemed to have complied with the foregoing, to have accepted such conditions, and to have made allowances therefore in preparing the bid.
- Contractor shall submit paint chip samples to County for review and approval. Colors of Shade Structure shall be as follows:
Roof: Evergreen
Frame: SD RAL 602B
- Contractor is responsible for securing all required drawings, details, and calculations from the Manufacturer. This sheet and details are shown for reference only. GSM landscape architects, inc. is not responsible for design, calculations or permitting of this pre-fabricated shade structure.
- Contractor shall coordinate shop drawings with the manufacturer to include electrical junction box recessed in the column. See Electrical Drawings.
- Refer to the Geotechnical Study Report.



1 SHADE STRUCTURE

NOT TO SCALE

This sheet and details are shown for reference only. Contractor shall be responsible for design, calculations or permitting of this pre-fabricated shade structure.

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JOB NO: 2512

SHEET NO:
L15

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NOT TO SCALE

- NOTES



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- NOTES



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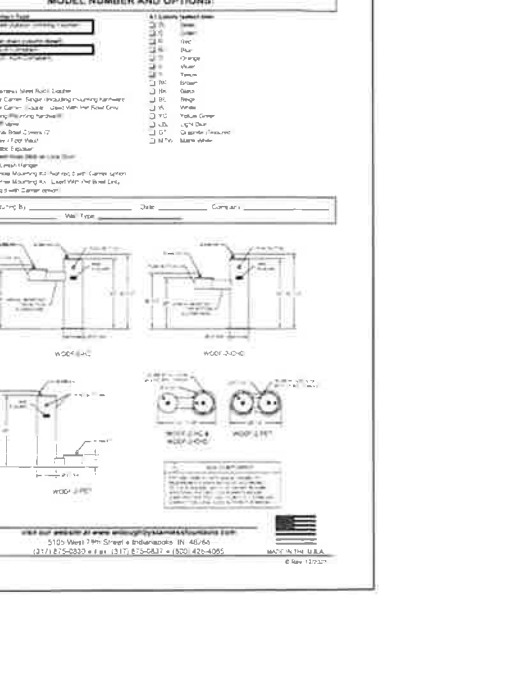
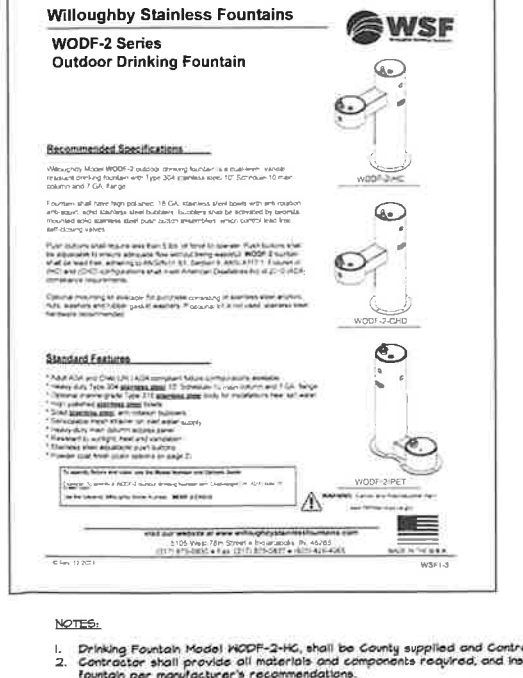
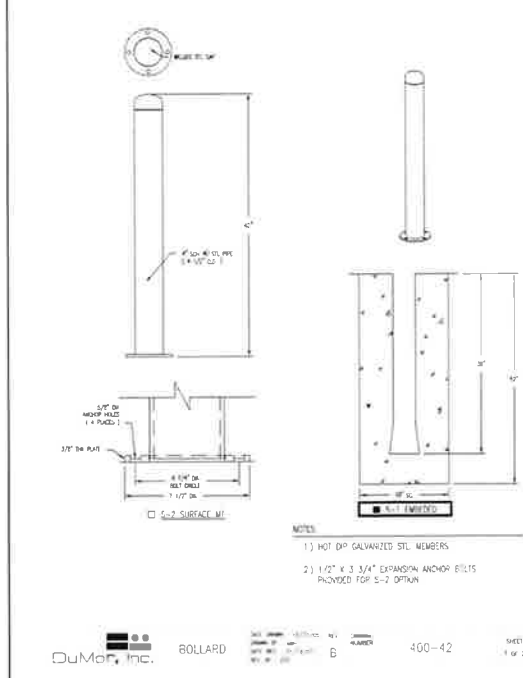
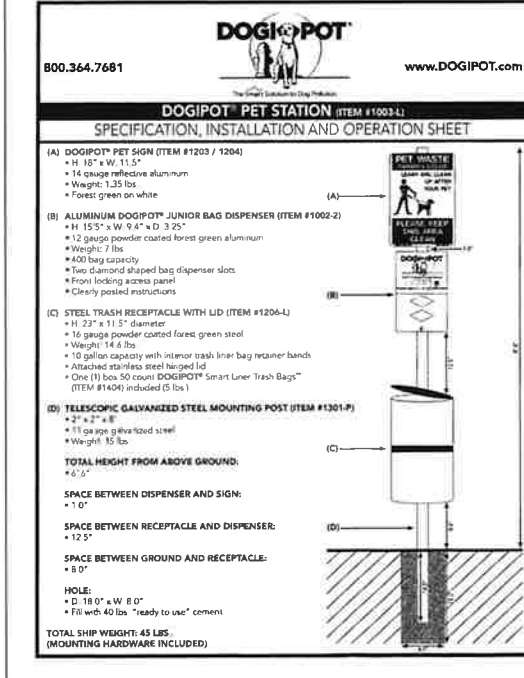
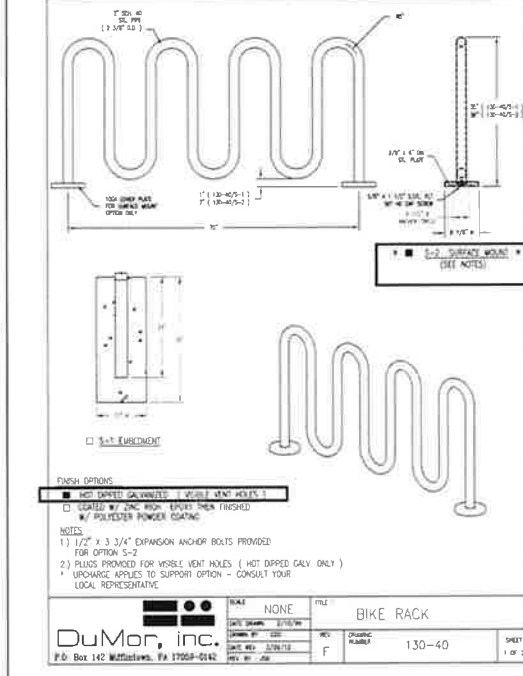
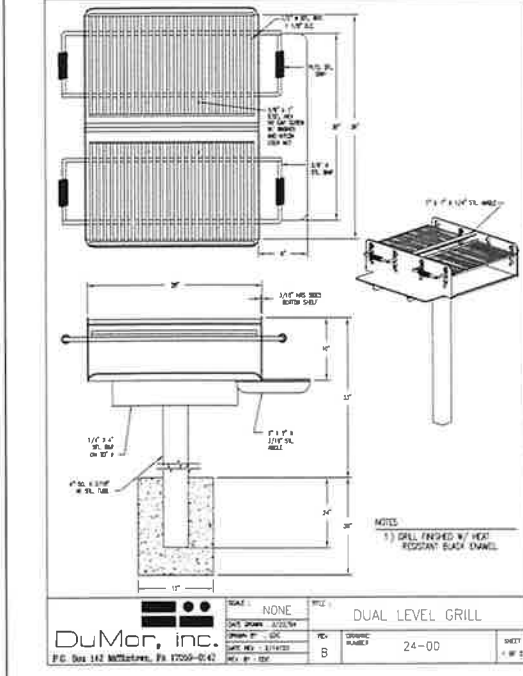
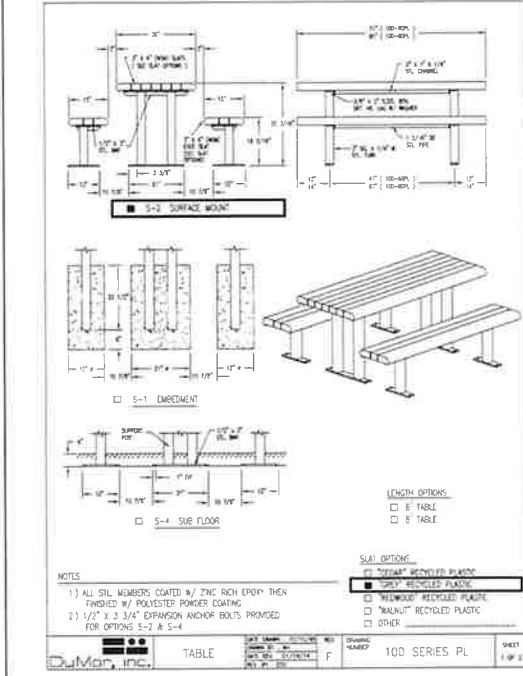
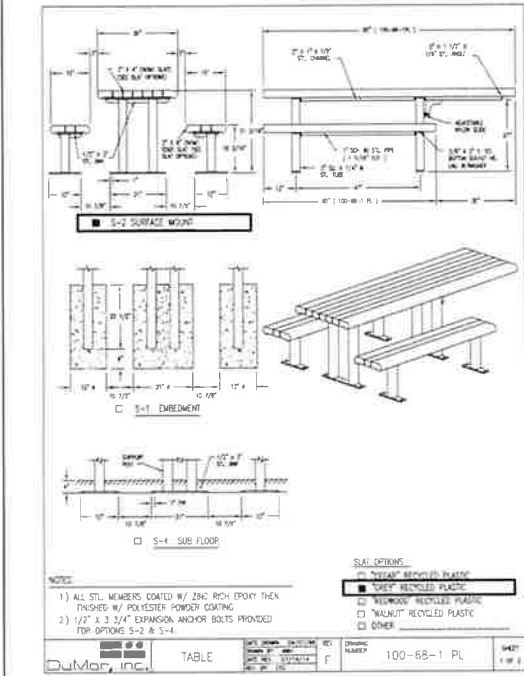
- ## NOTES



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- NOTE:**



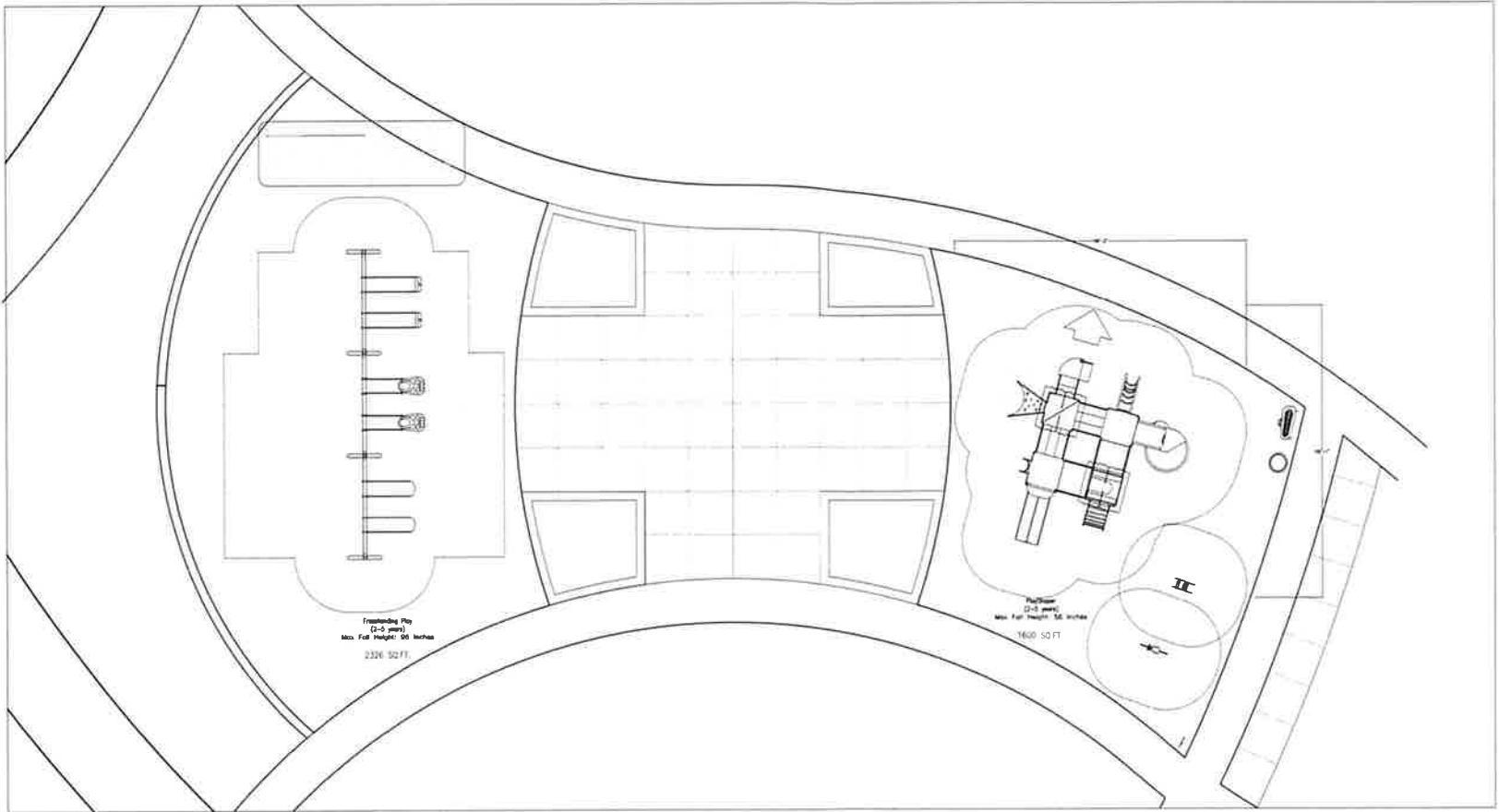


5 BAG DISPENSER
NOT TO SCALE

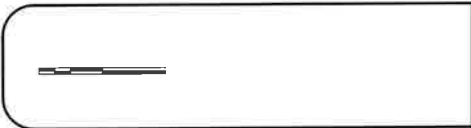
6 BOLLARD
NOT TO SCALE

7 DRINKING FOUNTAIN
NOT TO SCALE

8 BIKE RACK
NOT TO SCALE



11	0	0
11	11	6
11	11	4
4	4	4



Hammond Park
Nice, CA

Ross Recreation
Equipment Co.
Jon Bowden

PlayShaper
1183930-01-02



2-5 YEARS

NKH
3/21/24

3/5/24	1183930-01-01	NKH
Date	Previous Drawing #	Project

- NOTES:
1. Play equipment shall be Landscape Structures, or approved equal.
Contact Jon Bowden of Ross Recreation at (707) 756-6890 or jon@rossrec.com.
 2. Installation shall be per manufacturer's specifications.

① PLAY EQUIPMENT
NOT TO SCALE



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CONSTRUCTION
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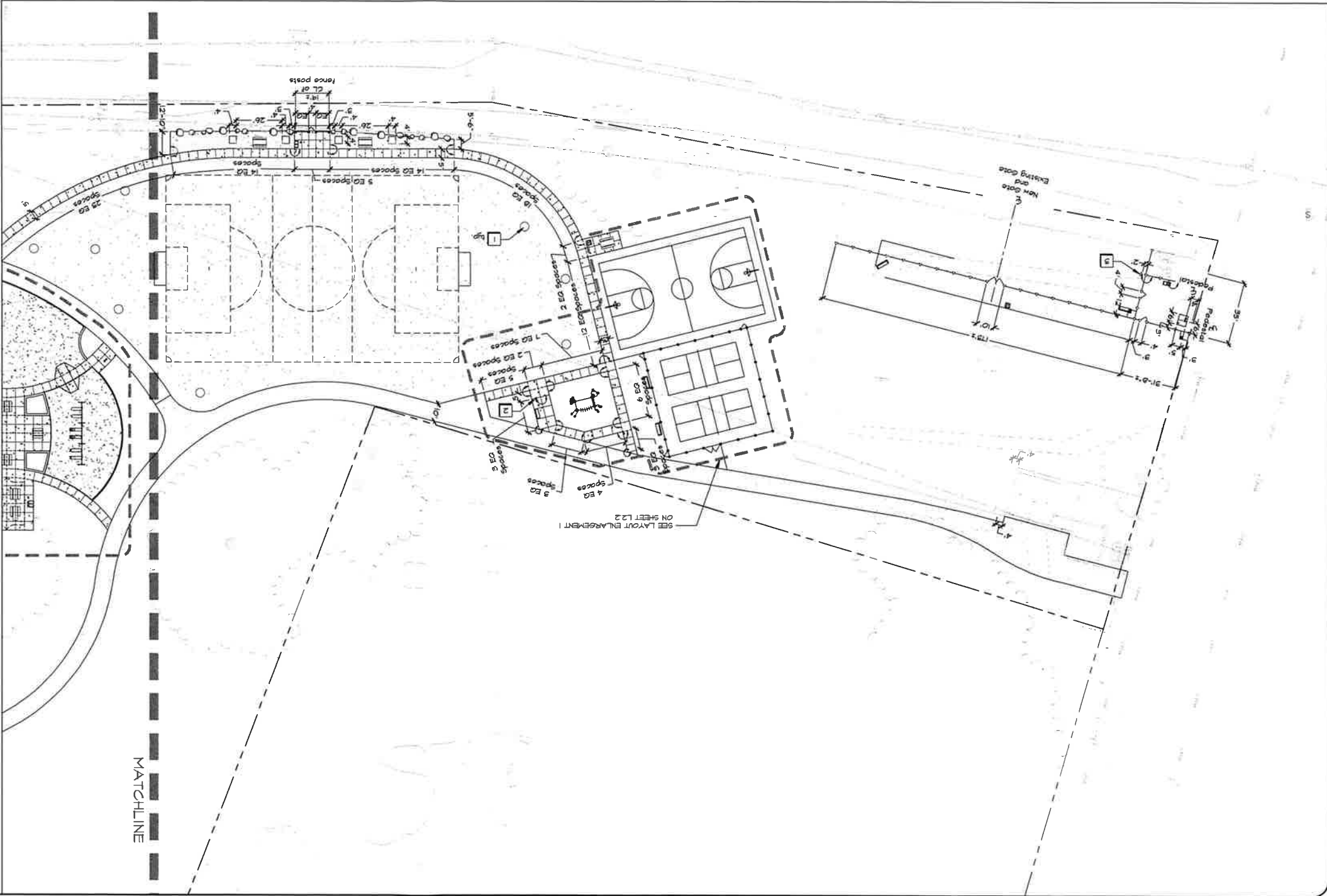
COUNTY OF LAKE
HAMMOND PARK
6935 HAMMOND AVE.
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JOB NO: 2512

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LAYOUT LEGEND

Centerline	CL	Clear opening	90 degree angle	Arc Dimension	Linear Dimension	Align	Equal	EA
Radial Dimension	RX-R							

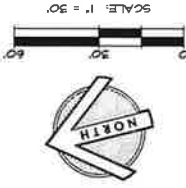
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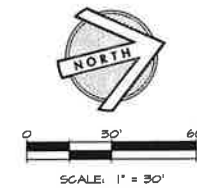
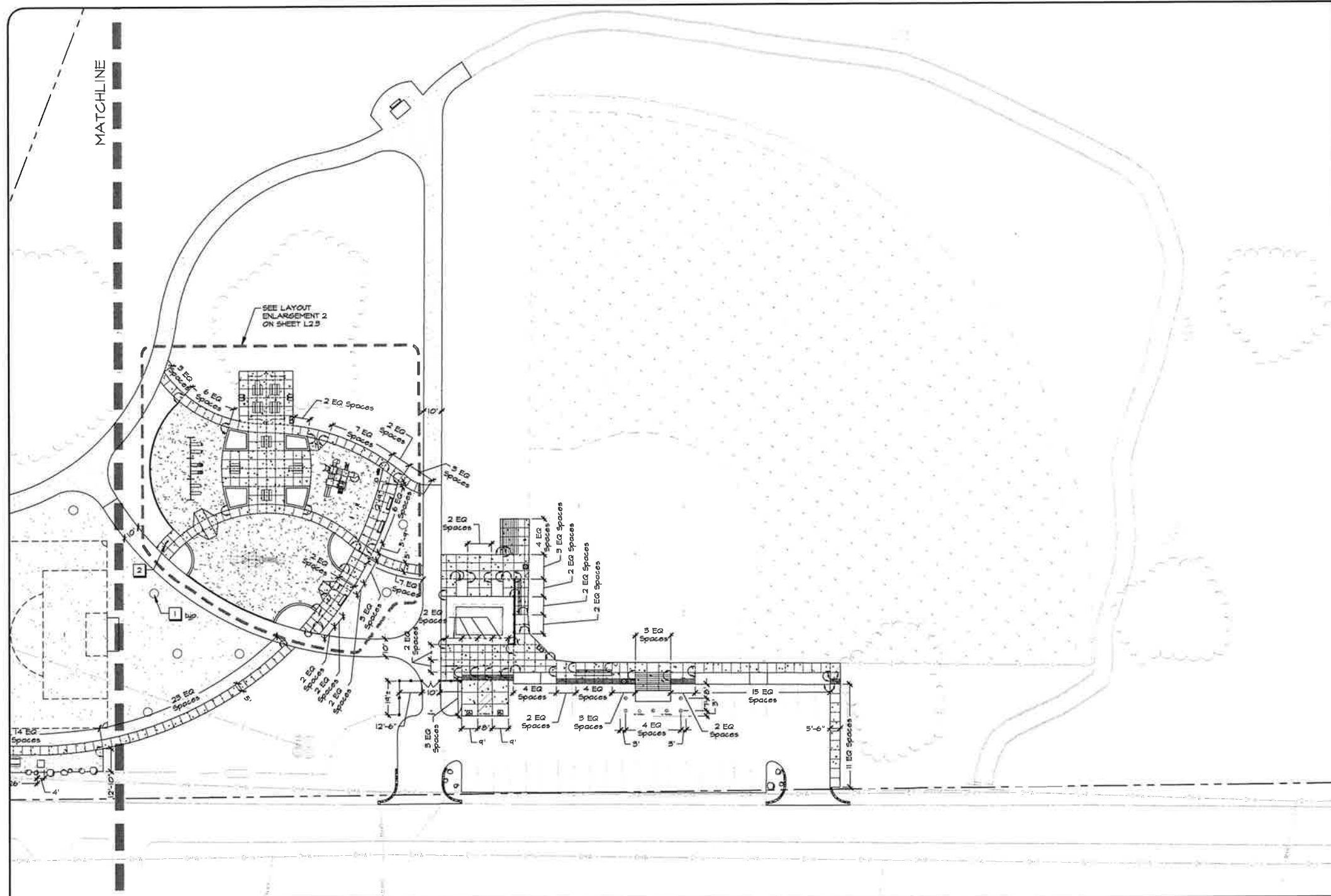
- LAYOUT NOTES**
- Contractor shall notify all public or private utility companies two (2) working days prior to commencement of work on this project to verify the locations of existing utility lines. Call Underground Service Alert (U.S.A.) toll free at 811, 7:00am to 5:00pm, Monday through Friday.
 - All coordinates and dimensions shown are in a horizontal plane.
 - Written dimensions always take precedence over scaled dimensions. If there is a conflict, noting the County and Landscape Architect and obtain a clarification. No deviation or substitution shall be allowed without obtaining written approval from the County and Landscape Architect.
 - This plan does not represent a Property Line Survey. Property lines shown hereon may not represent the true position of the line.
 - The contractor shall coordinate all construction elements including utility locations and required clearing prior to relocation of any underground utilities.
 - The contractor shall verify critical dimensions, references and control point locations and construction prior to construction.
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 - All materials shall be furnished and installed by the Contractor per Manufacturer's specifications, unless otherwise noted in these plans or specifications.
 - Existing features and topographic information have been taken from Topographic Map dated November 2022 provided by MCE Civil Engineering and Land Surveying. GSM Landscape Architects, Inc. assumes no liability, real or alleged, regarding the accuracy of the existing features or topographic information shown.

- SHEET NOTES**
- 5' diameter shovel cut edge, bsp. See Planting Plan for tree locations.
 - See sheet L2.2 for drinking fountain layout.
 - Bag dispenser. Align with new fencing.



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LAYOUT LEGEND

- X R-X'-Y'- Radial Dimension
C- Centerline
C/O Clear Opening
45 degree angle
X'- Linear Dimension
Align
----- Evideline to show alignment
EQ Equal

LAYOUT NOTES

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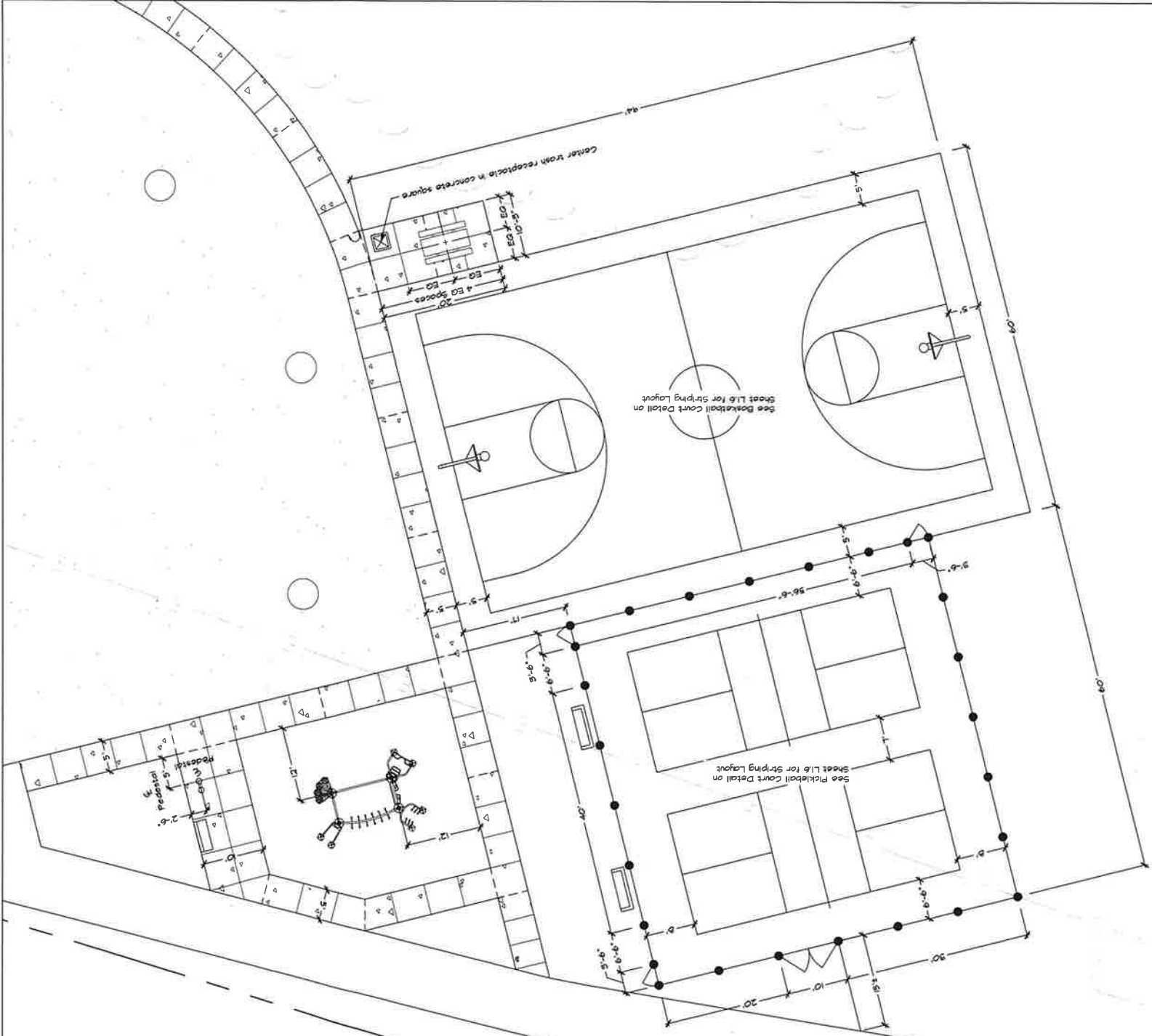
SHEET NOTES

- 5' diameter shovel cut edge, typ. See Planting Plan for tree locations.
- See Sheet L2.2 for drinking fountain layout

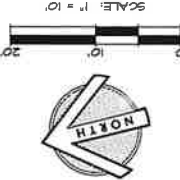


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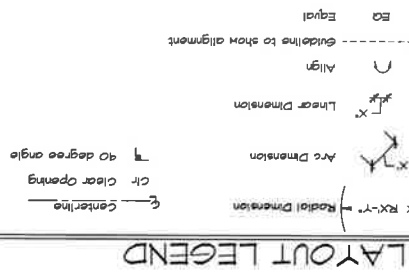
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COUNTY OF LAKE HAMMOND PARK 6935 HAMMOND AVE. NICE, CA		
DATE: 2/2/23 FILE NO. 2302LAY JOB NO. 2312 SHEET NO. L2.1 OF 4		



1 LAYOUT ENLARGEMENT I



- LAYOUT NOTES
1. Contractor shall notify all public or private utility companies two (2) working days prior to commencement of work on this project to verify the locations of existing utility lines. Call underground service Alert (U.S.A.) toll free at 811.
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 7. All dimensions shall be verified in the field, checked, and/or string lined. Any minor adjustments required to achieve overall design layout shall be reviewed and approved by the County and Landscape Architect prior to construction.
 8. All materials shall be furnished and installed by the Contractor per manufacturer's specifications, unless otherwise noted in these Plans or specifications.
 9. Existing features and topographic information have been taken from Topographic Map dated November 2023 provided by MCE Civil Engineering and Land Surveying. GSM Landscape Architects, Inc. assumes no liability, real or alleged, regarding the accuracy of the existing features or topographic information shown.



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COUNTY OF LAKE

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NICE, CA

LAYOUT PLAN

ENLARGEMENT



GSM landscape architects, inc.

landscape architecture

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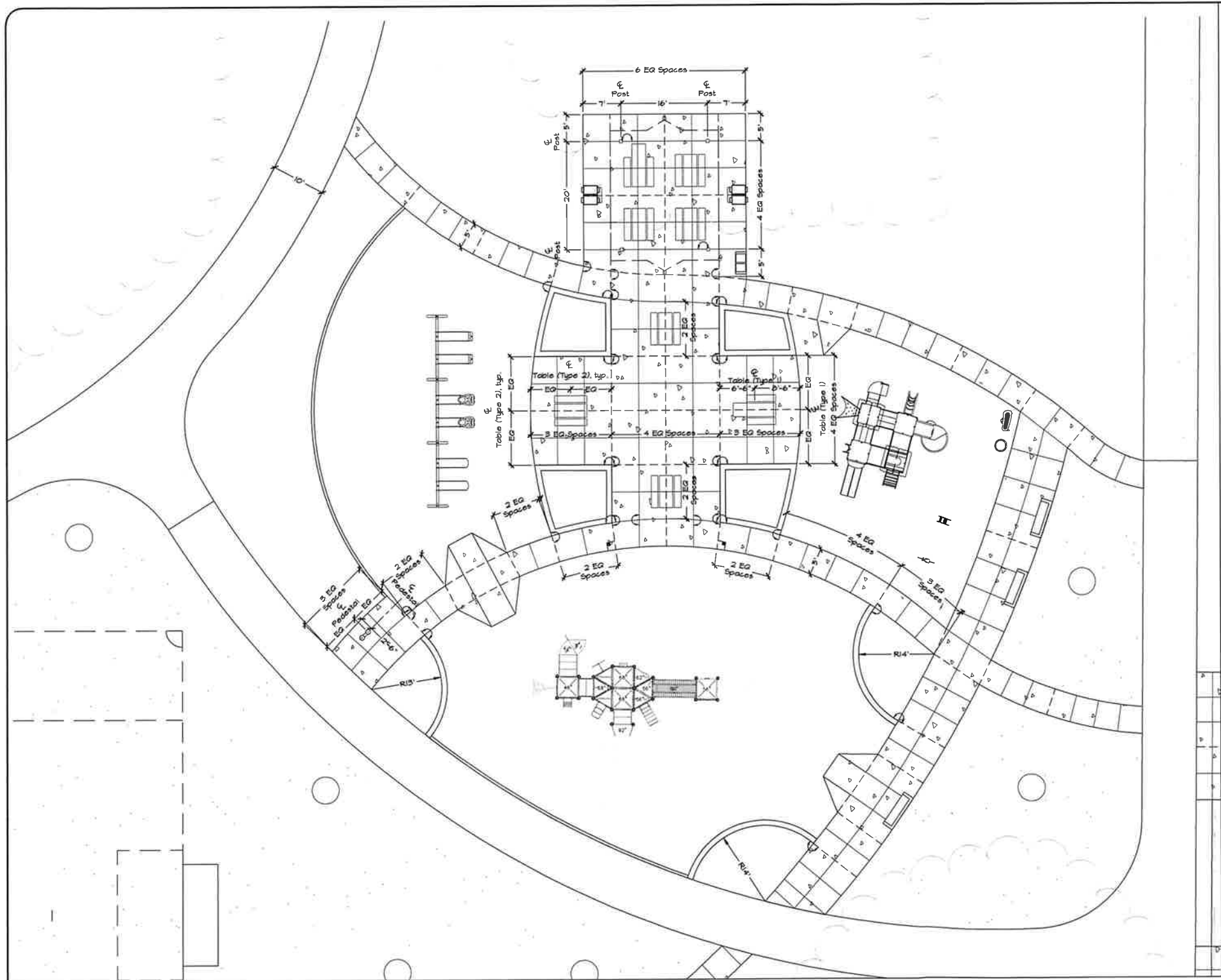
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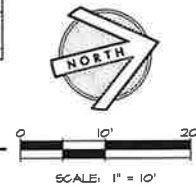
CSA, 6M

CSA, 6M

CSA, 6M



① LAYOUT ENLARGEMENT 2



LAYOUT LEGEND

- X-R-L-Y Radial Dimension
- Centerline
- Arc Dimension
- Clear Opening
- Linear Dimension
- 40 degree angle
- Align
- Evidelene to show alignment
- EQ Equal

LAYOUT NOTES

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LAYOUT PLAN
ENLARGEMENT

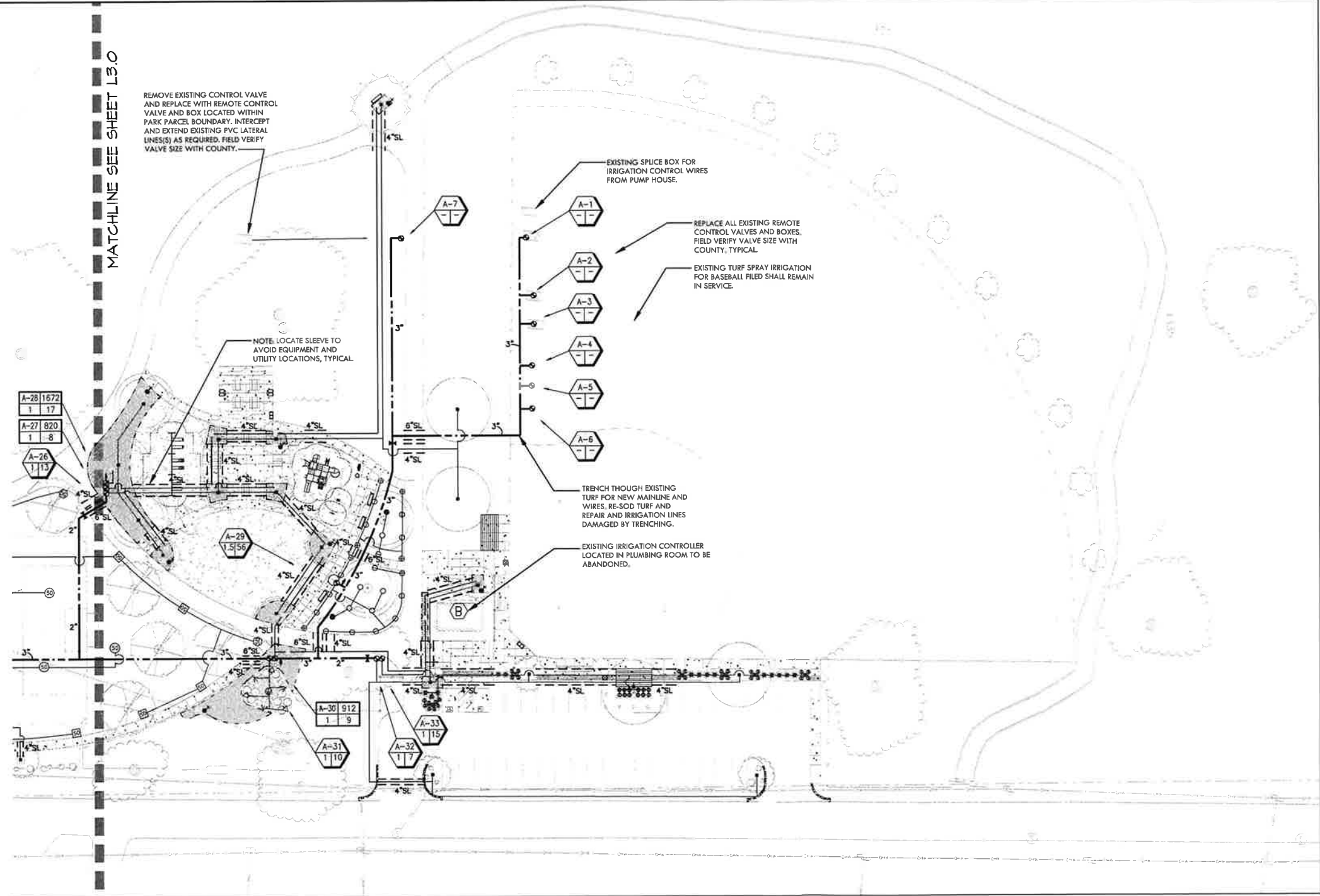
COUNTY OF LAKE
HAMMOND PARK
6935 HAMMOND AVE. NICE, CA

DATE: 2/2/23
FILE NO: 2312LAY
JOB NO: 2312

SHEET NO.
L2.3
OF 46

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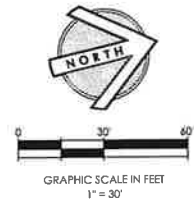




- NOTES:
1. ALL EXISTING MAINLINE AND LOW VOLTAGE WIRES SHALL BE REPLACED WITH NEW MAINLINE AND 2-WIRE CABLE INSIDE PVC CONDUIT.
 2. ONE BUBBLER SYMBOL IS SHOWN AT TREES FOR GRAPHIC CLARITY ONLY. INSTALL MINIMUM TWO BUBBLERS AT EACH TREE. INSTALL REQUIRED NUMBER OF BUBBLERS AS DETAILED.
 3. IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITH SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARDSCAPE AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.
 4. EXISTING IRRIGATION SHOWN IS FOR REFERENCE ONLY TAKEN FROM IRRIGATION AS-BUILT PLANS FOR THE SITE. THE EXACT ROUTING OF MAIN LINE, WIRES, REMOTE CONTROL VALVES AND AREAS VALVES SHOULD BE INVESTIGATE PRIOR TO CONSTRUCTION. CONTRACTOR WILL NEED TO FIELD VERIFY THE LOCATION OF ALL EXISTING IRRIGATION EQUIPMENT AND IN WORKING CONDITION BEFORE ANY WORK IS STARTED AND NOTIFY THE LANDSCAPE ARCHITECT IF THERE IS ANY PROBLEMS.
 5. CONTRACTOR IS RESPONSIBLE TO KEEP ALL EXISTING PLANTING AREAS (TO REMAIN) WITH WATER AT ALL TIMES DURING CONSTRUCTION. THIS SHALL INCLUDE PROVIDING TEMPORARY WATER SOURCE AND TEMPORARY IRRIGATION CONTROLLER WITH POWER IF NEEDED TO OPERATE THE SYSTEM DURING CONSTRUCTION.
 6. COMPLY WITH TREE PRESERVATION STANDARDS ON SHEET L4.1
 7. SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

0.75"	0-6 GPM
1"	7-12 GPM
1.25"	13-20 GPM
1.5"	21-32 GPM
2"	33-50 GPM
2.5"	51-70 GPM
 8. SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:

0.75"	0-500 FT
1"	501-1100 FT
1.25"	1101-2000 FT
1.5"	2001-3000 FT



I HAVE COMPLIED WITH THE CRITERIA OF THE WATER CONSERVATION IN LANDSCAPING ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE AND IRRIGATION DESIGN PLANS.

IRRIGATION DESIGNER:
Jeff Bradshaw

DATE: 2-21-2025

RUSSELL D. MITCHELL ASSOCIATES, INC. WALNUT CREEK, CA
MEMBER AMERICAN SOCIETY OF IRRIGATION CONSULTANTS
CERTIFIED IRRIGATION DESIGNER (CID) #002774
CERTIFIED IRRIGATION AUDITOR (CIA)



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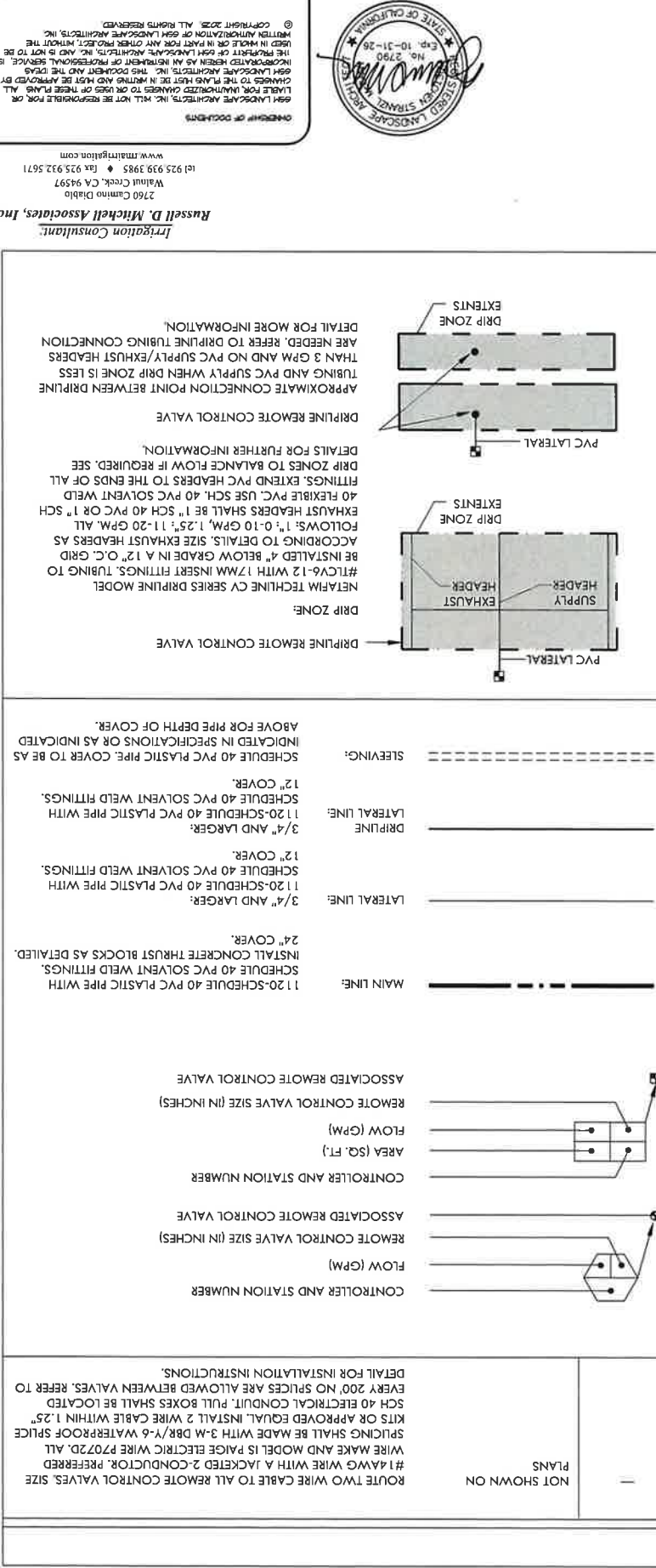
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		DRWN. DM
		CHECK. JB
IRRIGATION PLAN		
COUNTY OF LAKE HAMMOND PARK		NICE, CA
6935 HAMMOND AVE.		
DATE: 2/21/25	FILE NO. 2502BASE	SHEET NO.
		L3.1
		OF 4

IRRIGATION NOTES

1. THESE IRRIGATION DRAWINGS ARE DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. ALL PIPING, VALVES, AND OTHER VALVE BOX MANUFACTURERS INCLUDE NDS, CARSON OR APPROVED

SYMBOL	MODEL NUMBER	DESCRIPTION	NOZZLE GPM	OPERATING PSI	OPERATING RADIUS (FEET)
⑩	I-40-06-SS/15	HUNTER POP-UP GEAR DRIVEN ROTOR (TURF)	11.3	60	45-50
⑨	I-40-06-SS/15	HUNTER POP-UP GEAR DRIVEN ROTOR (TURF)	11.3	60	45-50
⑧	I-40-06-SS/8	HUNTER POP-UP GEAR DRIVEN ROTOR (TURF)	8.4	60	40-45
⑦	I-40-06-SS/8	HUNTER POP-UP GEAR DRIVEN ROTOR (TURF)	8.4	60	40-45
⑥	I-40-06-SS/8	HUNTER POP-UP GEAR DRIVEN ROTOR (TURF)	8.4	60	40-45
⑤	I-40-06-SS/10	HUNTER POP-UP GEAR DRIVEN ROTOR (TURF)	11.3	60	45-50
④	I-40-06-SS/8	HUNTER POP-UP GEAR DRIVEN ROTOR (TURF)	8.4	60	40-45
③	I-40-06-SS/8	HUNTER POP-UP GEAR DRIVEN ROTOR (TURF)	8.4	60	40-45
②	I-40-06-SS/8	HUNTER POP-UP GEAR DRIVEN ROTOR (TURF)	8.4	60	40-45
①	1401 SERIES	RAIN BIRD BUBBLER (SHRUB)	0.25	30	TRICKLE
■	1401 SERIES	RAIN BIRD BUBBLER (TREE) MIN. 2 PER TREE. REFER TO BUBBLER DETAIL FOR QUANTITY OF BUBBLERS PER TREE SIZE.	0.25	30	TRICKLE
●	1806-SAM-PRS/ HE-VAN-15	RAIN BIRD POP-UP SPRAY SPRINKLER (TURF)	3.7,1.8,0.9	30	12-15
●	1806-SAM-PRS/ HE-VAN-12	RAIN BIRD POP-UP SPRAY SPRINKLER (SHRUB/GC)	2.4,1.2,0.6	30	10-12
○	1806-SAM-PRS/ HE-VAN-15	RAIN BIRD POP-UP SPRAY SPRINKLER (TURF)	3.7,1.8,0.9	30	12-15
○	1806-SAM-PRS/ HE-VAN-12	RAIN BIRD POP-UP SPRAY SPRINKLER (SHRUB/GC)	2.4,1.2,0.6	30	10-12
△	1812-SAM-PRS/ HE-VAN-15	RAIN BIRD POP-UP SPRAY SPRINKLER (TURF)	3.7,1.8,0.9	30	12-15
△	1812-SAM-PRS/ HE-VAN-12	RAIN BIRD POP-UP SPRAY SPRINKLER (SHRUB/GC)	2.4,1.2,0.6	30	10-12
Ⓟ	1401 SERIES	RAIN BIRD BUBBLER (SHRUB)	0.25	30	TRICKLE
Ⓠ	1401 SERIES	RAIN BIRD BUBBLER (TREE) MIN. 2 PER TREE. REFER TO BUBBLER DETAIL FOR QUANTITY OF BUBBLERS PER TREE SIZE.	0.25	30	TRICKLE
+	770703G	MATCO OR EQUAL BALL VALVE (DRIP MANUAL FLUSH VALVE) TORO POP-UP DRIFLINE INDICATOR WITH SIDE INLET. HUNTER REMOTE CONTROL VALVE WITH FILTER SENTRY FILTER SCREEN MECHANISM HUNTER REMOTE CONTROL VALVE DRIP ZONE KIT WITH FILTER SENTRY FILTER SCREEN MECHANISM VALVE. INCLUDES FILTER WITH 150 MESH SCREEN AND PRESSURE REGULATOR SET TO 40 PSI (2-20GPM) RAIN BIRD 1" TWO-PIECE QUICK COUPLING VALVE (YELLOW LOCKING RUBBER COVER) LEEMCO 2" STAINLESS FULL PORT CUB8 STOP VALVE WITH STAINLESS STEEL HANDLE INSIDE 10" ROUND ACCESS BOX EXISTING			
Ⓟ	EXISTING	EXISTING RAINBIRD IRRIGATION CONTROLLERS TO BE REMOVED			
Ⓠ	EXISTING	EXISTING IRRIGATION CONTROL VALVES TO BE REMOVED AND REPLACED WITH NEW VALVE AND VALVE BOXES			
Ⓡ	EXISTING	EXISTING WEL & HP BOOSTER PUMP FOR IRRIGATION LOCATED WITHIN PUMP HOUSE. PRESSURE VERIFIED AT 60 PSI.			
Ⓢ	ICV-F5-201G	HUNTER MASTER VALVE-2" (NORMALLY CLOSED)			
Ⓣ	FSI-T20-001	CST 2" FLOW SENSOR (2-170 GPM) ON SCH 80 PVC TEE WIRED TO CONTROLLER WITH PACE #18 SENSOR CABLE			
Ⓤ	A2C-75D-M	HUNTER AC2C 7.5 STATION 2-WIRE CONTROLLER IN A PAINTED STEEL PEDestal MOUNT ENCLOSURE; INCLUDES CELLULAR COMMUNICATION MODULE FOR WEB BASED PROGRAMMING AND CELL PHONE COMMUNICATION WITH HUNTER CENTRAUS SOFTWARE, FLOW SCHEDULING AND MONITORING TECHNOLOGY, AND BUILT-IN SOLAR SYNC LOGIC. WITH WIRELESS PROGRAMMER COMPATIBLE. INCLUDES BUILT-IN SOLAR SYNC LOGIC.			
Ⓡ	WSS-SEN	WIRELESS SOLAR SYNC SENSOR			
Ⓢ	ICD-100	HUNTER SINGLE STATION DECODER (1 PER VALVE)			
Ⓣ	ICD-200	HUNTER TWO STATION DECODER (USE WHEN MORE THAN 1 OR MORE VALVE IS CLUSTERED TOGETHER)			
Ⓤ	ICD-400	HUNTER 4 STATION DECODER (USE WHEN 4 OR MORE VALVE IS CLUSTERED TOGETHER)			
Ⓡ	DUAL-S	HUNTER SURGE ARRESTOR (1 EVERY 1 000 FEET ALONG MAIN) REFER TO DETAILS FOR INSTALLATION INSTRUCTIONS.			
—	ICD-SEN	HUNTER SENSOR DECODER WITH SURGE SUPPRESSION			

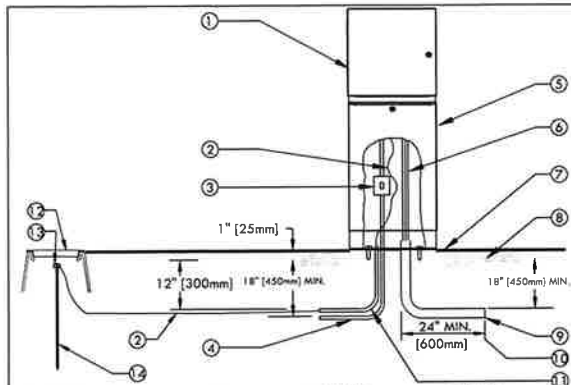
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DATE: 2/12/2011
FILE NO. 2010-00000000
JOB NO. 2011-00000000
SHEET NO. 13.2

COUNTY OF LAKE
HAMMOND PARK

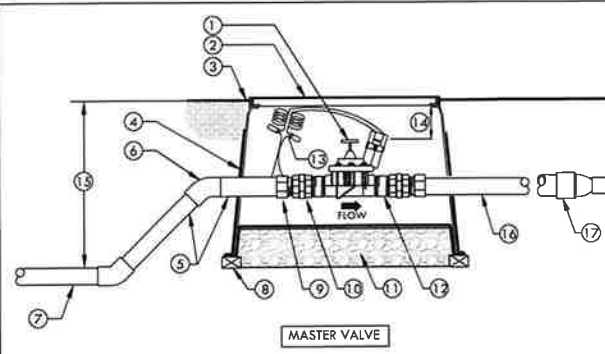
IRRIGATION NOTES AND LEGEND

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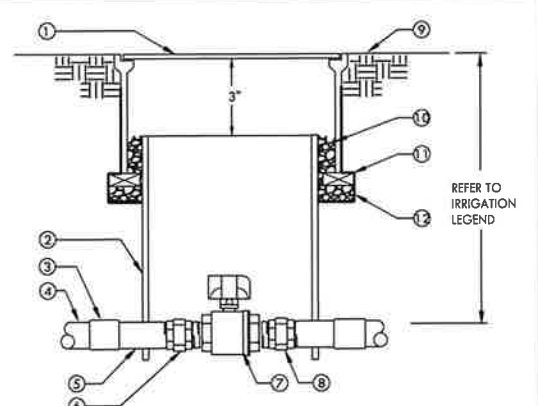
- 1 HUNTER ACC2 CONTROLLER WITHIN A PAINTED STEEL PEDESTAL ENCLOSURE.
- 2 #6 BARE COPPER GROUND WIRE.
- 3 120 VOLT LOCKABLE WEATHERPROOF ON/OFF SWITCH PROVIDED UNDER IRRIGATION CONTRACT.
- 4 EXISTING 120 VOLT A.C. ELECTRICAL SERVICE FROM SOURCE TO EXISTING RAINBIRD CONTROLLER TO BE REMOVED. CONTRACTOR TO INSTALL NEW HUNTER CONTROLLER TO REPLACE EXISTING AND CONNECT EXISTING ELECTRICAL SERVICE.
- 5 PEDESTAL ENCLOSURE.
- 6 LOW VOLTAGE CONTROL WIRING.
- 7 REMOVE EXISTING CONTROLLER AND PEDESTAL AND REPLACE WITH NEW CONTROLLER AND PEDESTAL AT SAME LOCATION. RE-USE EXISTING CONDUITS FOR NEW LOW VOLTAGE WIRE AND FLOW SENSOR CABLE.
- 8 EXISTING CONCRETE FLOOR.
- 9 EXISTING SCHEDULE 40 GREY PVC ELECTRICAL CONDUIT WITH SWEEP ELL FOR LOW VOLTAGE WIRE.
- 10 FIELD VERIFY CONDUIT TERMINATION POINT WITHIN OUTSIDE PLANTER.
- 11 EXISTING PVC SWEEP ELL FOR GROUND WIRE.
- 12 6" ROUND BLACK PLASTIC BOX WITH T-LID FOR GROUND ROD.
- 13 CADCWELD CONNECTIONS.
- 14 8' LONG COPPER GROUND ROD. LOCATE A MINIMUM OF 5' AWAY FROM CONTROLLER.

1 **CONTROLLER - PEDESTAL MOUNT**
SCALE: NONE



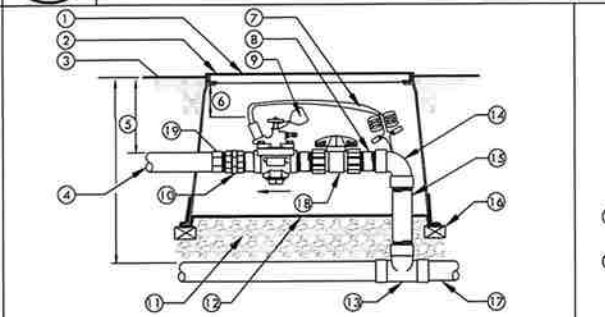
- 1 MASTER CONTROL VALVE WITH FLOW CONTROL AND MANUAL BLEED (PRESSURE REGULATOR WHERE SHOWN ON PLANS). CENTER WITHIN BOX.
- 2 14" X 19" RECTANGULAR PLASTIC VALVE BOX WITH BOLT DOWN LID. INSTALL BOX AS SHOWN IN BOX INSTALLATION DETAIL.
- 3 FINISH GRADE.
- 4 1/2" MESH, 19 GAUGE HOT DIPPED GALVANIZED STEEL WIRE TO COVER VALVE BOX BOTTOM AND CUTOUTS.
- 5 SCH 80 PVC PIPE, LENGTH AS REQUIRED.
- 6 SCHEDULE 80 PVC 45° ELBOW (5x5).
- 7 PVC MAIN LINE FROM BACKFLOW OR PUMP.
- 8 BRICK-ONE ON EACH CORNER OR THREE FOR ROUND BOXES.
- 9 SCH 80 PVC MALE ADAPTER- 2 TOTAL.
- 10 SCHEDULE 80 PVC THREADED UNION-2 TOTAL.
- 11 PEA GRAVEL OR 3/4" DRAIN ROCK- 4" [100mm] DEEP BELOW VALVE (NO SOIL IN VALVE BOX).
- 12 3" LONG SCHEDULE 80 PVC NIPPLE-2 TOTAL MATCH VALVE SIZE.
- 13 VALVE CONTROL WIRE- PROVIDE 3M-DBY SEAL PACKS AT ALL SPLICES AND 36" OF EXCESS WIRE IN A 1" DIAMETER COIL FOR TWO-WIRE PROJECTS ROUTE CONDUIT AND TWO CABLE INTO VALVE BOX AND USE DECODER THAT IS COMPATIBLE WITH CONTROLLER AND VALVE.
- 14 3" MIN 6" MAX.
- 15 REFER TO IRRIGATION LEGEND.
- 16 SCH 80 PVC MAIN LINE TO FLOW SENSOR.
- 17 IF NECESSARY INSTALL A SCH. 80 REDUCING COUPLING, TYP.
- 18 10" ROUND PLASTIC VALVE BOX WITH BOLT DOWN LID. INSTALL BOX AS SHOWN IN BOX INSTALLATION DETAIL.
- 19 18 GAUGE AWG DIRECT BURIAL WIRE. FLOW SENSOR WIRE MUST BE RUN IN 1" PVC CONDUIT FROM FLOW SENSOR TO CONTROLLER ENCLOSURE. PROVIDE 3M-DBY SEAL PACKS AT ALL SPLICES AND 36" OF EXCESS WIRE IN A 1" DIAMETER COIL FOR TWO-WIRE PROJECTS ROUTE CONDUIT AND TWO CABLE INTO SENSOR BOX AND USE SENSOR DECODER THAT IS COMPATIBLE WITH CONTROLLER AND SENSOR.
- 20 SCH 40 PVC CONDUIT FOR SENSOR WIRE OR TWO WIRE CABLE FROM CONTROLLER.
- 21 FLOW SENSOR MUST BE INSTALLED WITH INSERT (TOP) POSITIONED VERTICALLY AND BODY (TEE) POSITIONED HORIZONTALLY. FOR FLOWMEC SENSORS INSTALL ON 45° ANGLE.
- 22 SCH. 80 REDUCING COUPLING UP-SIZING TO MAIN LINE SERVING IRRIGATION SYSTEM IF REQUIRED.

2 **MASTER VALVE & FLOW SENSOR INSTALLATION**
SCALE: NONE



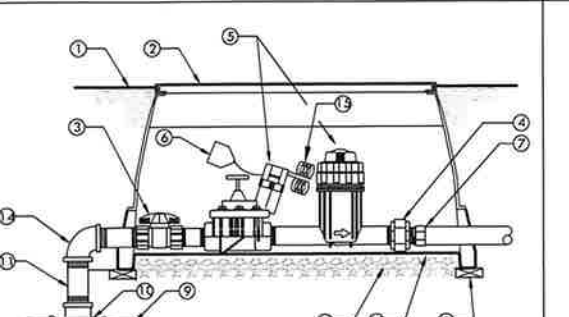
- 1 ROUND 10" PLASTIC VALVE BOX WITH BOLT DOWN LID.
- 2 10" CLASS SCHEDULE 40 PVC PIPE (NOTCH TO FIT OVER MAIN LINE PIPE).
- 3 SCH 80 3"x2" REDUCER (2 TOTAL).
- 4 PVC MAIN LINE.
- 5 SCH 80 TOE NIPPLE-6" IN LENGTH. (2 TOTAL).
- 6 SCH 80 THREADED UNION (2 TOTAL).
- 7 STAINLESS STEEL CURB STOP VALVE.
- 8 SCH 80 NIPPLE-2" IN LENGTH. (2 TOTAL).
- 9 FINISH GRADE.
- 10 PEA GRAVEL OR 3/4" DRAIN ROCK - 4" DEEP (NO SOIL IN VALVE BOX).
- 11 BRICK-2 TOTAL.
- 12 19 GAUGE 1/2" SQUARE WIRE MESH. WRAP UP SIDES OF BOX.

3 **STAINLESS STEEL BALL VALVE W/UNIONS**
SCALE: NONE



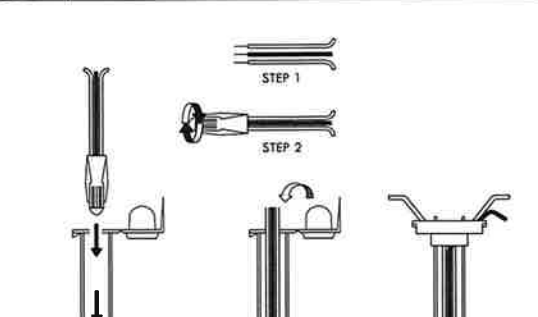
- 1 REMOTE CONTROL VALVE WITH FLOW CONTROL AND MANUAL BLEED (PRESSURE REGULATOR WHERE SHOWN ON PLANS).
- 2 USE A NDS PRO SERIES 14" X 19" RECTANGULAR PLASTIC VALVE BOX WITH BOLT DOWN LID FOR 1" VALVES. FOR 1.5" AND LARGER VALVES INSTALL BALL VALVE WITHIN A SEPARATE 10" ROUND BOX OR ONE BALL VALVE PER MANIFOLD OF VALVES. GATE VALVE SIZE SHALL BE SAME AS LARGEST VALVE WITHIN MANIFOLD. ONE VALVE PER BOX- NO EXCEPTIONS. INSTALL BOX AS SHOWN IN BOX INSTALLATION DETAIL.
- 3 FINISH GRADE.
- 4 PVC LATERAL LINE.
- 5 REFER TO IRRIGATION SPECS.
- 6 3" [75mm] MIN, 6" [150mm] MAX.
- 7 VALVE CONTROL WIRE- PROVIDE SEAL PACKS AT ALL SPLICES AND 3' [1m] OF EXCESS WIRE IN A 1" [25mm] DIAMETER COIL.
- 8 SCHEDULE 80 PVC NIPPLE (3 TOTAL).
- 9 VALVE I.D. TAG (CONTROLLER AND STATION NUMBER).
- 10 SCHEDULE 80 PVC THREADED UNION.
- 11 PEA GRAVEL OR 3/4" DRAIN ROCK- 4" [100mm] DEEP BELOW VALVE (NO SOIL IN VALVE BOX).
- 12 1/2" MESH, 19 GAUGE HOT DIPPED GALVANIZED STEEL WIRE TO COVER VALVE BOX BOTTOM AND CUTOUTS.
- 13 SCHEDULE 40 OR 80 PVC TEE. REFER TO LEGEND FOR TYPE.
- 14 SCHEDULE 80 PVC 90° ELBOW (TxT).
- 15 SCHEDULE 80 PVC NIPPLE- LENGTH AS REQUIRED.
- 16 BRICK-1 EACH CORNER.
- 17 PVC MAIN LINE.
- 18 SCHEDULE 80 PVC UNION BALL VALVE (ONE PER VALVE).
- 19 SCHEDULE 40 MALE ADAPTER.
- 20 FINISH GRADE.
- 21 RECTANGULAR PLASTIC VALVE BOX WITH BOLT DOWN LID. ONE VALVE PER BOX- NO EXCEPTIONS. INSTALL BOX AS SHOWN IN BOX INSTALLATION DETAIL.
- 22 SCHEDULE 80 PVC UNION BALL VALVE (ONE PER VALVE).
- 23 SCHEDULE 80 PVC THREADED UNION.
- 24 REMOTE CONTROL VALVE DRIP ZONE KIT. (SHALL INCLUDE VALVE, FILTER AND A 40 PSI PRESSURE REDUCING VALVE).
- 25 VALVE I.D. TAG (CONTROLLER AND STATION NUMBER).
- 26 SCHEDULE 40 MALE ADAPTER.
- 27 BRICK-1 EACH CORNER.
- 28 SCHEDULE 80 PVC NIPPLE- LENGTH AS REQUIRED.
- 29 SCHEDULE 80 PVC UNION BALL VALVE (ONE PER VALVE).
- 30 SCHEDULE 40 MALE ADAPTER.

4 **REMOTE CONTROL VALVE**
SCALE: NONE



- 1 FINISH GRADE.
- 2 RECTANGULAR PLASTIC VALVE BOX WITH BOLT DOWN LID. ONE VALVE PER BOX- NO EXCEPTIONS. INSTALL BOX AS SHOWN IN BOX INSTALLATION DETAIL.
- 3 SCHEDULE 80 PVC UNION BALL VALVE (ONE PER VALVE).
- 4 SCHEDULE 80 PVC THREADED UNION.
- 5 REMOTE CONTROL VALVE DRIP ZONE KIT. (SHALL INCLUDE VALVE, FILTER AND A 40 PSI PRESSURE REDUCING VALVE).
- 6 VALVE I.D. TAG (CONTROLLER AND STATION NUMBER).
- 7 SCHEDULE 40 MALE ADAPTER.
- 8 BRICK-1 EACH CORNER.
- 9 PVC MAIN LINE.
- 10 SCHEDULE 40 OR 80 PVC TEE. REFER TO LEGEND FOR TYPE.
- 11 SCHEDULE 80 PVC NIPPLE-(4-TOTAL) LENGTH AS REQUIRED.
- 12 PEA GRAVEL OR 3/4" [20mm] DRAIN ROCK - 4" [102mm] DEEP BELOW VALVE (NO SOIL IN VALVE BOX).
- 13 1/2" MESH, 19 GAUGE HOT DIPPED GALVANIZED STEEL WIRE TO COVER VALVE BOX BOTTOM AND CUTOUTS.
- 14 SCHEDULE 80 PVC 90° ELBOW (TxT).
- 15 VALVE CONTROL WIRE- PROVIDE 3M-DBY SEAL PACKS AT ALL SPLICES AND 3' [1m] OF EXCESS WIRE IN A 1" [25mm] DIAMETER COIL.

5 **REMOTE CONTROL VALVE (DRIPZONE)**
SCALE: NONE



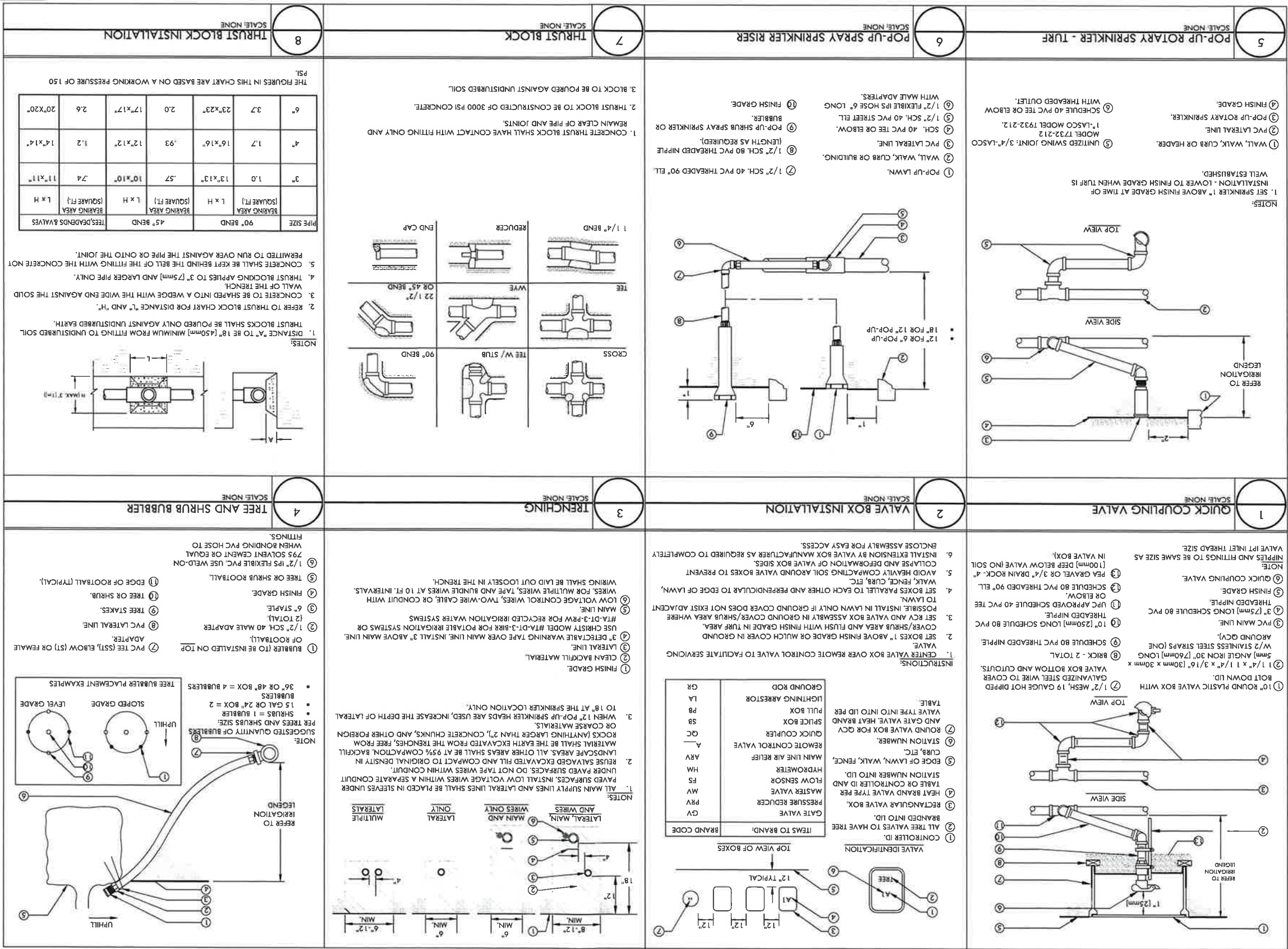
- 1 STRIP WIRES APPROXIMATELY 1/2" FROM ENDS TO EXPOSE WIRE.
- 2 TWIST CONNECTOR AROUND WIRES CLOCKWISE UNTIL HAND TIGHT, DO NOT OVERTIGHTEN.
- 3 INSERT WIRE ASSEMBLY TO BOTTOM OF GEL-FILLED TUBE, CHECK TO MAKE SURE CONNECTOR HAS BEEN PUSHED PAST LOCKING FINGERS AND IS SEATED AT THE BOTTOM OF THE TUBE.
- 4 PLACE WIRES WHICH EXIT TUBE IN WIRE EXIT HOLES AND CLOSE CAP UNTIL IT SNAPS.
- 5 INSPECT FINAL SPLICE ASSEMBLY THAT IT IS SECURED.

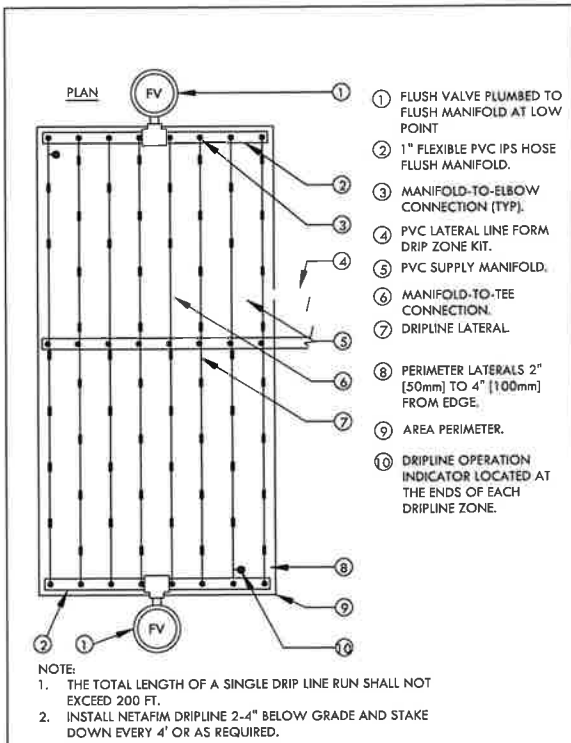
6 **WEATHERPROOF WIRE SPLICE ASSEMBLY**
SCALE: NONE

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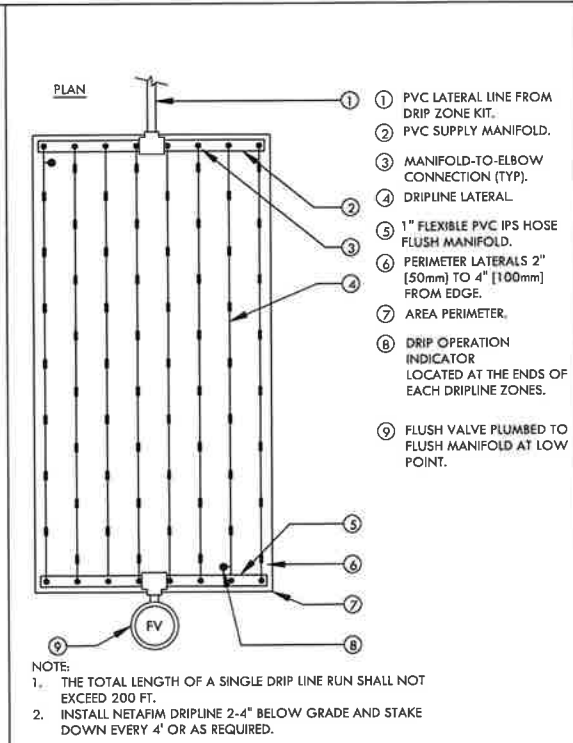


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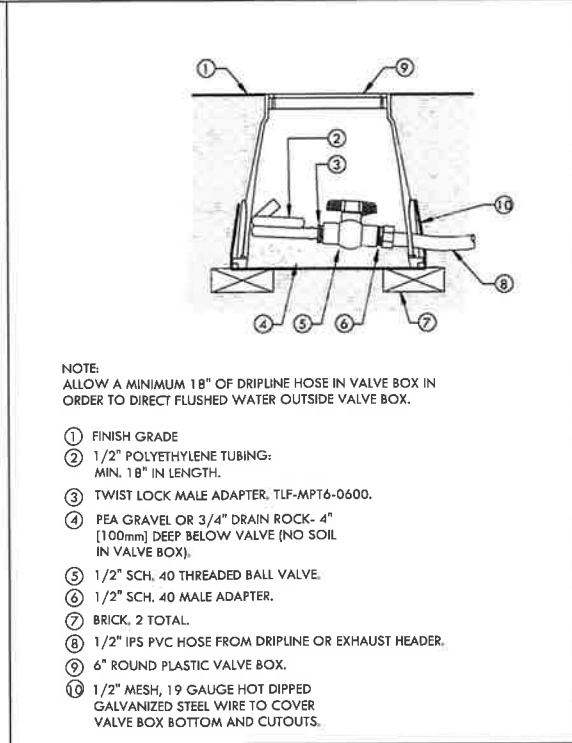




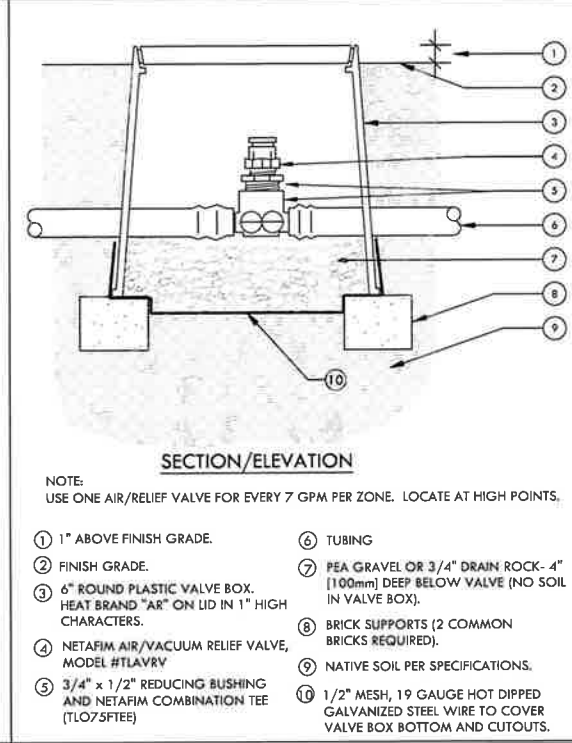
1 TECHLINE CENTER FEED LAYOUT
SCALE: NONE



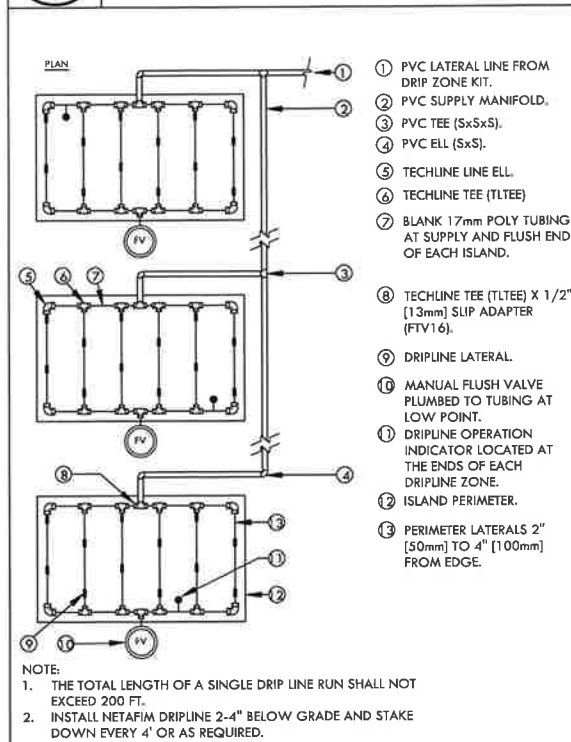
2 TECHLINE END FEED LAYOUT
SCALE: NONE



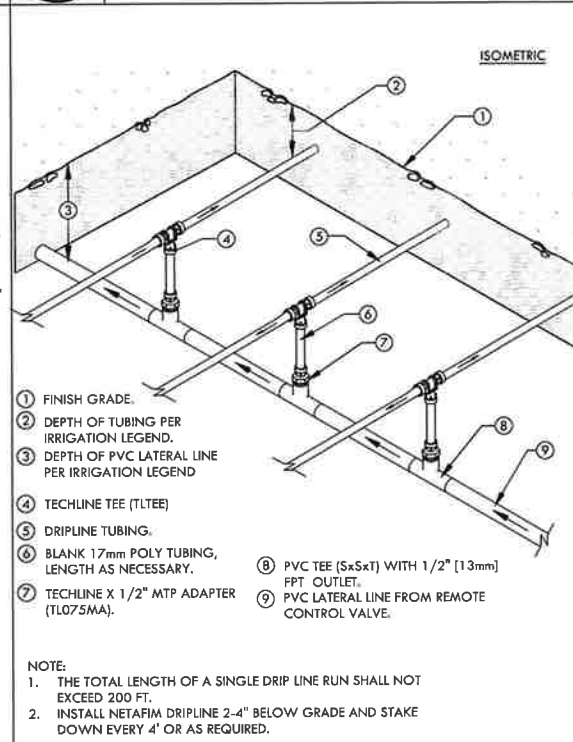
3 DRIPLINE-FLUSH POINT
SCALE: NONE



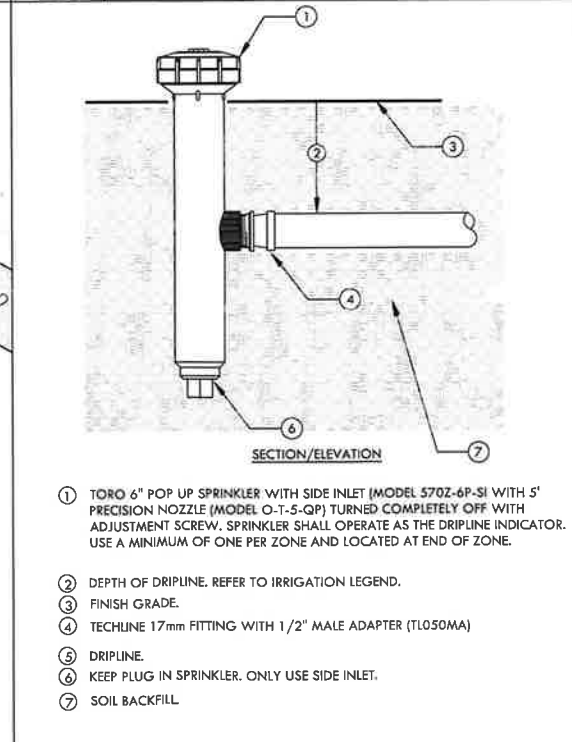
4 AIR VACUUM RELIEF VALVE IN DRIPLINE
SCALE: NONE



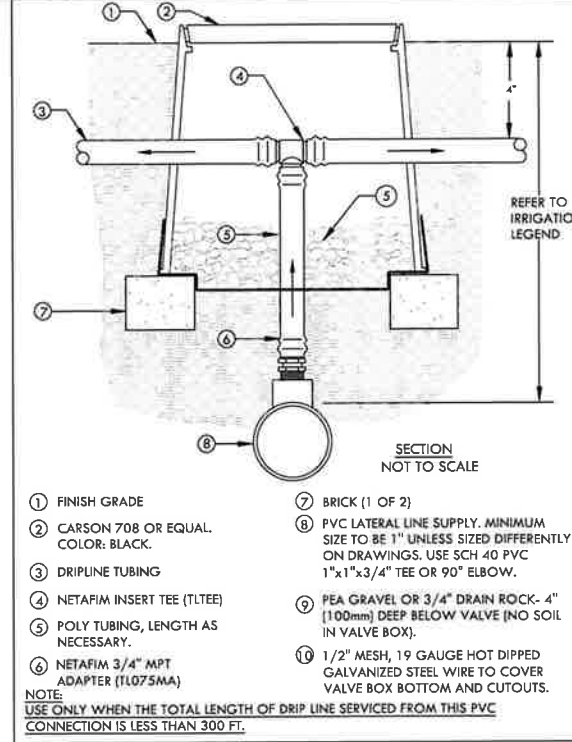
5 TECHLINE ISLAND LAYOUT
SCALE: NONE



6 TECHLINE CENTER FEED MANIFOLD
SCALE: NONE



7 DRIPLINE OPERATION INDICATOR
SCALE: NONE



8 DRIPLINE TO PVC CONNECTION-SINGLE SOURCE DRIPLINE AREAS ONLY
SCALE: NONE

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IRRIGATION PRESSURE LOSS CALCULATION

JOB NAME:	Hammond Park
DATE:	7/17/24
EXISTING WELL & PUMP LOCATION	Pump House
ELEVATION AT METER (FT)	0
STATIC PRESSURE AT PUMP (PSI)	85
Worst Case Valve(s) Scenario	
Remote Control Valve #	A-23
RCV Flow (GPM)	63
ELEVATION AT RCV	0

Item	Type	Size (in.)	Length (ft.)	Loss/100'	PSI Loss
SERVICE LINE	COPPER	3	20	0.36	0.1
WATER METER	DISC	0			1
BACKFLOW	BRASS	0			0
INLET PRESSURE INTO PUMP/MV					
MASTER VALVE	C/BRASS	2			
FLOW SENSOR	PVC	2			
MAIN LINE:	CL 200	3	644	0.36	
MAIN LINE:	SCH 40	0			
EST. FITTING LOSS	PVC			10%	
ELEVATION CHANGE FROM POC	Feet +/-	4			
TO RCV:					
TOTAL LOSS TO RCV					1.7
DYNAMIC PSI @ RCV					11.0
STATIC PRESSURE AT POC (PSI)					85.0
LOSS:					11.0

Item	Type	Size (in.)	Loss	PSI Loss
RCV	PLASTIC	1.5	4.0	
LATERAL LINE	PVC	4.0	4.0	
EST. FITTING LOSS	PVC		10%	
ELEVATION CHANGE FROM RCV	Feet +/-	0		
TO SPRINKLER:				
TOTAL LOSS (RCV TO SPRINKLER)				8.8
MINIMUM PRESSURE REQ. AT SPRINKLER (PSI)				19.8
TOTAL SYSTEM LOSS (PSI)				60.0
STATIC PRESSURE @ POC				85.0
DYN PRESSURE @ SPRINKLER				65.2
EXCESS OR (DEFICIT) PRESSURE				5.2
BOOSTER PUMP REQUIREMENT				N/A
BOOST REQUIRED				N/A

WATER TYPE	POTABLE
SITE ETO=	42.6

Lakeport

WATER USE ESTIMATION

REGULAR LANDSCAPE AREAS												
HYDROZONE #	HYDROZONE NAME	PLANT WATER USE TYPE	PLANT IRRIGATION FACTOR (PF)	IRRIGATION METHOD	IRRIGATION EFFICIENCY	ETAF (PF/IE)	AREA (SQ. FT) (HA)	ETW (GAL/YR)	ACRE FEET/ YEAR	HCF/ YEAR	PERCENTAGE OF LANDSCAPE	
1	Recreational Turf Field	HIGH	0.7	ROTORS	0.75	0.933	25,646	23,936	632.205	1.94	845.19	66%
2	Turf	HIGH	0.7	SPRAY	0.75	0.933	2,543	2,373	62,668	0.19	83.81	7%
3	Bioswale	LOW	0.3	SPRAY	0.75	0.400	880	352	9,297	0.03	12.43	2%
4	Bioswale	LOW	0.3	BUBBLER	0.81	0.370	1,080	400	10,565	0.03	14.12	3%
5	Shrub/Groundcover	LOW	0.3	DRP	0.81	0.370	4,980	1,807	47,737	0.15	63.82	12%
6	Shrub	LOW	0.3	BUBBLER	0.81	0.370	1,692	627	16,552	0.06	22.13	4%
7	Trees	LOW	0.3	BUBBLER	0.81	0.370	2,400	889	23,477	0.07	31.39	6%
TOTALS							39,121	80,386	802,621	2.66	1,072.88	100%

ote: Existing landscape not included within calculations

HYDROZONE #	HYDROZONE NAME	ETW	ACRE FEET/ YEAR	HCF/ YEAR	PERCENTAGE OF LANDSCAPE
1	Recreational Turf Field	25,646	2,373	1.94	66%
TOTALS					66%

MAWA	GALLONS/YR	837,518
	ACRE FEET/YR	2.57
HCF/YR		1,119.66

ETWU	GALLONS/YR	802,521
	ACRE FEET/YR	2.46
HCF/YR		1,072.88

SITE IRRIGATION EFFICIENCY	64.1%
SITE PLANT FACTOR	0.54
MAWA COMPLIANT	YES

ETAF Calculations	
REGULAR LANDSCAPE AREAS	
TOTAL ETAF x AREA	30.385
TOTAL AREA	39.121
AVG ETAF	77.67%

MAWA FORMULA	
MAXIMUM APPLIED WATER ALLOWANCE (MAWA)	
GALLONS PER YEAR	
MAWA = (ET0)(0.62)((LA x 0.45) + (0.55 x SLA))	

ETWU FORMULA	
ESTMATED TOTAL WATER USE (ETWU) GALLONS PER YEAR	
ETWU=((ET0)/(62)(ETAF x LA))	

ET0 = REFERENCE EVAPOTRANSPIRATION
PF = PLANT FACTOR FOR HYDROZONES
HA = HYDROZONE AREA (SQ.FT)
0.62 = CONVERSION FACTOR (GALLONS/SQ.FT.YR)
IE = IRRIGATION EFFICIENCY (0.81)-BUBBLER/DRIP
IE = IRRIGATION EFFICIENCY (0.75)-ROTORS/SPRAY



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Russell D. Mitchell Associates, Inc.
Irrigation Consultant

Sheet No. 13.6

DATE: 2/2/25
FILE NO. 2525HAG
JOB NO. 252

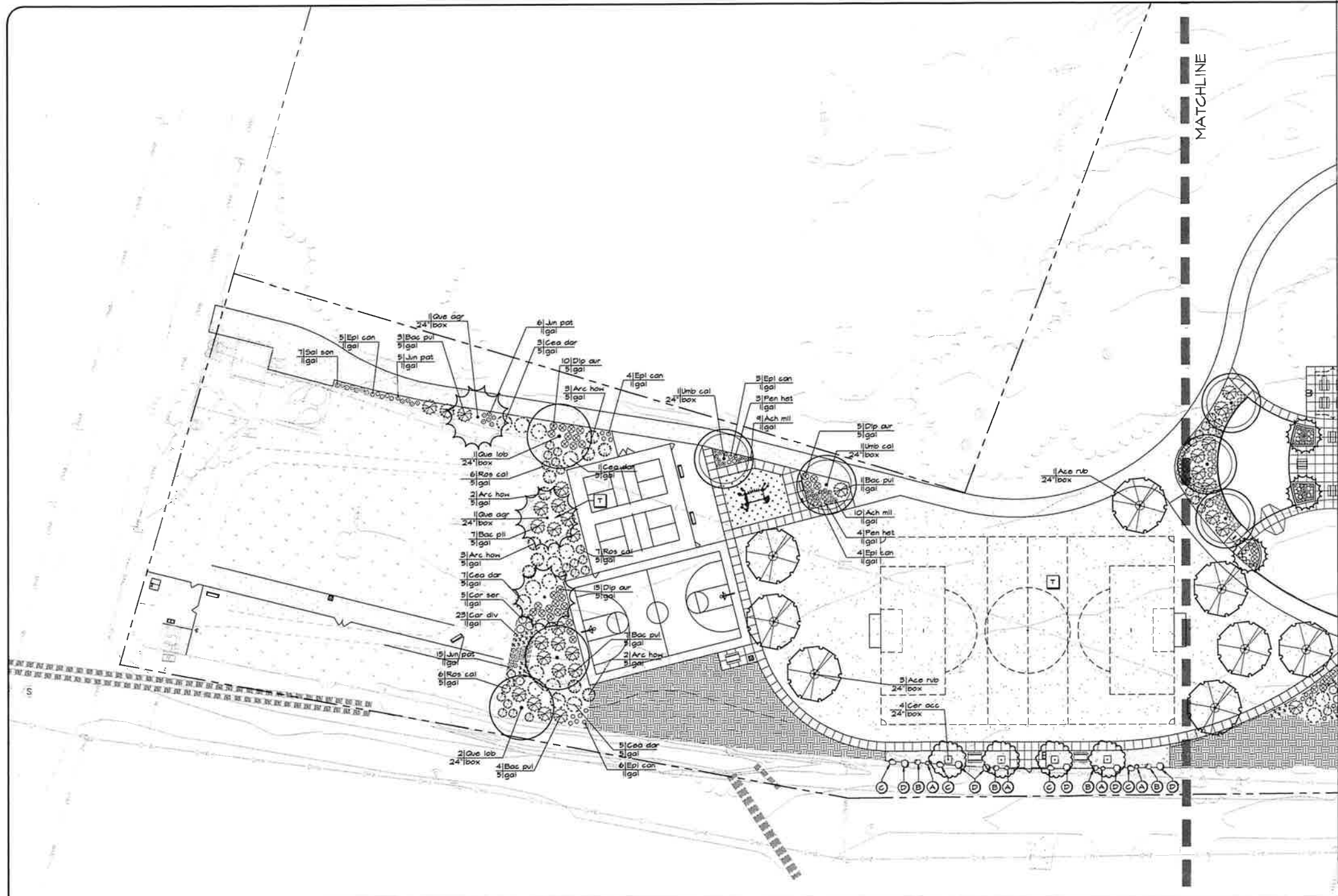
COUNTY OF LAKE
HAMMOND PARK
6935 HAMMOND AVE.
NICE, CA

IRRIGATION DETAILS



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(707) 255-4630
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DES. BY
DWN. BY
CHECKED BY



BOULDER SCHEDULE



Size of Boulder. See Detail 5 on Sheet L4.2 for installation.

BOULDER CHART

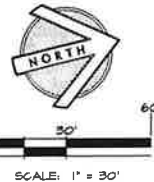
Symbol	Quantity	Size L x W x H
(A)	7	2' x 2-1/2' x 2' min.
(B)	6	2-1/2' x 3-1/2' x 2-1/2' min.
(C)	4	3' x 4' x 3' min.
(D)	7	3-1/2' x 4' x 4' min.
	24	Total Number of Boulders

NOTES:

- Boulders shall be Fieldstone Boulders with Moss or approved equal.
- Prior to ordering, Contractor shall supply sample for review and approval by County and Landscape Architect.
- Contractor shall coordinate with Landscape Architect for exact locations of boulders prior to placement.

PLANTING NOTES

- Prior to commencement of planting, the Contractor shall verify locations of all underground utilities.
- Contractor shall adjust all plant material around electrical utilities, valve boxes, etc., as required in the field.
- All landscape grades shall be smooth and feathered in appearance.
- Irrigation system shall be fully operational prior to planting. Contractor shall thoroughly water all plants immediately after planting.
- All trees shall be staked and installed per planting details. All trees shall be of adequate trunk caliper to stand without support.
- Installing Contractor shall verify existing grade in the field prior to planting. Finished surfaces shall be uniform and smooth. Finished grade of planting and bark mulch areas shall be flush with top of edging, pavement and walks.
- Soil for all exposed soil and planting areas except sod and bioretention areas shall receive weed fabric and a 3" minimum depth of bark mulch. Bark mulch shall be Small Fir Bark, as available through DenBeste Landscape Supplies, 4200 N. State Street, Ukiah, CA 95482, 707.489.6252, or equal.
- Bioretention areas shall receive 3" minimum depth of the compost used in the bioretention soil mix.
- Decomposed granite shall be Organic-Lock as available through Wheeler Zamaran, 3500 Petaluma Hill Road, Santa Rosa, CA 95404 707.543.8400 or equal.
- All trees planted within 8' of adjacent paving, curbing, hardscape, water meters, joint trenches, etc. shall receive Deep Root Barrier UB 24-2 (24" depth x 10' min. length) as manufactured by Deep Root Partners (800) 458-7668, or approved equal.
- No plant material shall be substituted without prior written consent from the Landscape Architect.
- Contractor shall be responsible for the pre-ordering of all plant material after the Notice to Proceed. Photographs for all plants shall be submitted to the Landscape Architect prior to placing order.
- All plant material shall be certified by the Agricultural Commissioner inspection program for freedom from the glassy winged sharpshooter or other pests identified by the Agricultural Commissioner. The Agricultural Commissioner's office shall be notified of all impending deliveries of live plants with points of origin outside of the County so that inspection can be arranged.
- All plants of the same type and container size shall be matched in height and width.
- The Plant Legend is provided for convenience only, not accurate bidding purposes. Graphic depiction of plant material shall take precedence over stated quantities. Contractor shall notify the Architect to obtain clarification if there are discrepancies.



PLANT LEGEND

(NOT ALL MAY APPEAR ON THIS SHEET)

SYMBOL	CODE	BOTANICAL NAME COMMON NAME	QTY.	SIZE	HYDROZONE/ WATER USE
TREES					
	Ace rub	Acer rubrum Red Sunset' Red Sunset Maple	8	24" box	L
	Cer occ	Cercis occidentalis Redbud	6	24" box	VL
	Chi lin	Chilopsis linearis Desert Willow	10	24" box	L
	Que agr	Quercus agrifolia Coast Live Oak	4	24" box	L
	Que lob	Quercus lobata Valley Oak	7	24" box	L
	Umb cal	Umbellularia californica California Bay Laurel	7	24" box	L

Existing Tree. See Tree Protection Standards on Sheet L4.1

SHRUBS, GROUNDCOVER, PERENNIALS

	Ach mil	Achillea millefolium Common Yarrow	55	1 gallon	L
	Arc how	Arctostaphylos d. 'H. McMin' Howard McMin Manzanita	10	5 gallon	L
	Asc fas	Asclepias fascicularis Narrow Leaf Milkweed	29	1 gallon	L
	Bac pul	Baccharis p. 'Pigeon Point' Dwarf Coyote Brush	31	5 gallon	L
	Cea dar	Ceanothus 'Dark Star' Dark Star California Lilac	19	5 gallon	L
	Dip aur	Diplazium aurantiacum Sticky Monkey Flower	51	5 gallon	L
	Epi can	Epilobium canum California Fuchsia	73	1 gallon	L
	Mon vil	Monardella villosa Coyote Mint	57	1 gallon	VL
	Pen het	Penstemon h. 'Margarita BOP' Margarita BOP Penstemon	43	1 gallon	L
	Ros cal	Rosa californica California Wild Rose	36	5 gallon	L
	Sal son	Salvia s. 'Creeping Sage' Creeping Sage	15	1 gallon	L

BIORETENTION AREAS

	Car div	Carex divisa Berkeley Sedge	100	1 gallon	L
	Cho tec	Chondropetalum tectorum Cape Rush	18	1 gallon	L
	Cor ser	Cornus sericea 'Ivanti' Red Twig Dogwood	14	1 gallon	H
	Jun pat	Juncus patens California Gray Rush	59	1 gallon	L

TURF

	40/10 Tall Fescue with 10% Bluegrass, non-netted sod as available through Delta Bluegrass Company	35,000 sf Sod	SLA
--	---	---------------	-----

LANDSCAPE MATERIALS

	Mulch (shown graphically for areas not planted). Provide and install weed fabric, metal stakes, and 3" thick mulch in all planting areas unless otherwise noted. See Planting Notes on this sheet for mulch type.
	Soil test location. See Sheet L4.1 for Soil Management Notes



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DRAW: BT

CHECK: GSH

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landscape architecture

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Napa, CA 94559

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PLANTING PLAN

COUNTY OF LAKE
HAMMOND PARK
6935 HAMMOND AVE.
NICE, CA

DATE: 2/2/23

FILE NO: 2512PLA

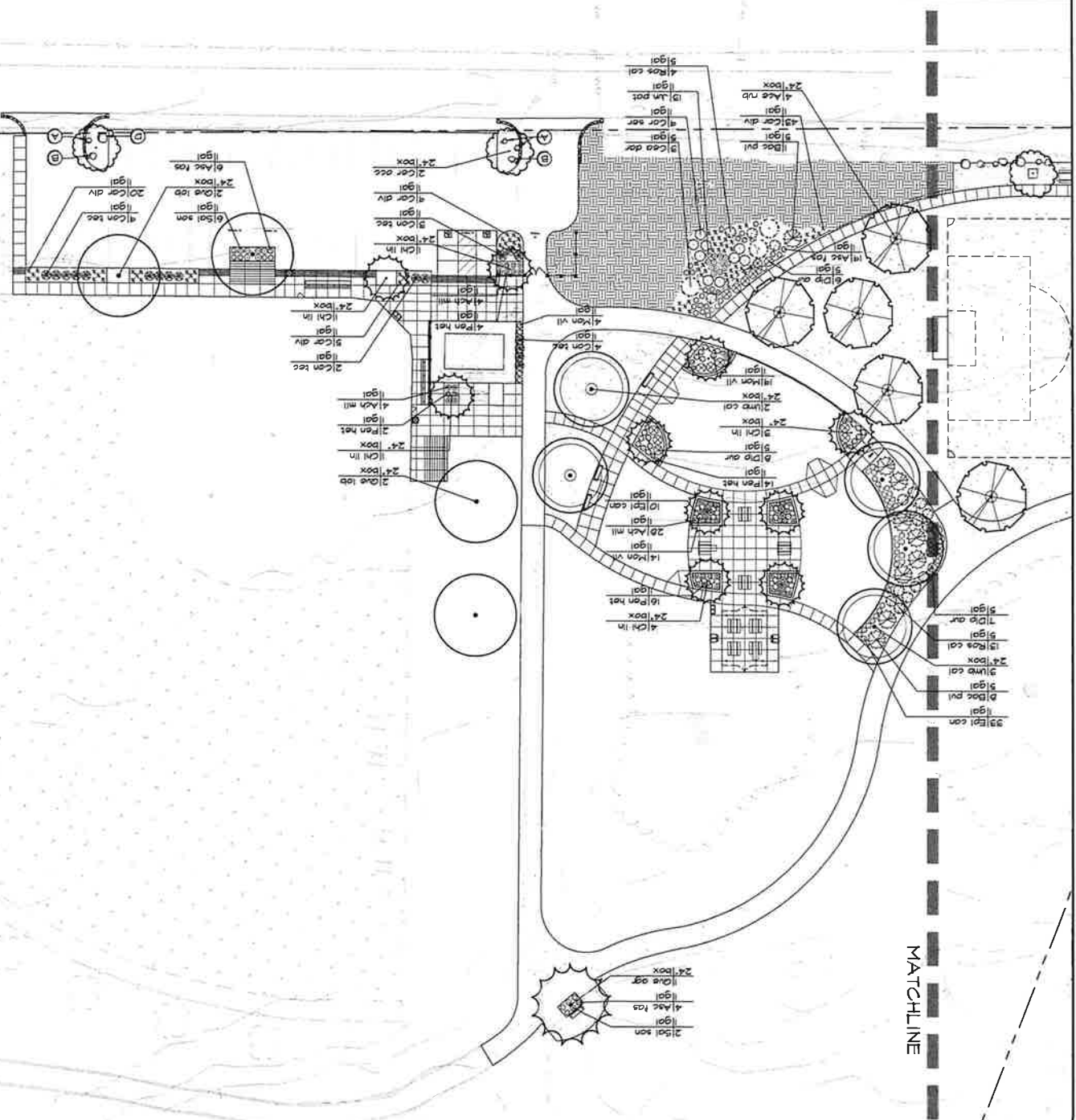
JOB NO: 2512

SHEET NO:

L4.0

The following work, #12, must be accomplished before any site clearing, grading or other

The following work, #12, must be accomplished before any site clearing, grading or other



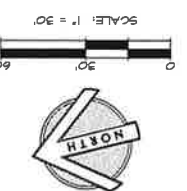
be used for bid basis only. Contractor shall arrange and pay for two (2) soil test

5310N 0402 043627 1401-1 101 0177 132105 230

- [illegible]

TRREE PRESERVATION STANDARDS

2. Root collar standing trees other than those that have been removed shall be marked with a red flag or other device to indicate the location of the tree.
3. Root collar standing trees shall be marked with a red flag or other device to indicate the location of the tree.
4. Root collar standing trees shall be marked with a red flag or other device to indicate the location of the tree.
5. Root collar standing trees shall be marked with a red flag or other device to indicate the location of the tree.
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9. Root collar standing trees shall be marked with a red flag or other device to indicate the location of the tree.
10. Root collar standing trees shall be marked with a red flag or other device to indicate the location of the tree.



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COUNTY OF LAKE
HAMMOND PARK

PLANTING PLAN

6935 HAMMOND AVE.

NICK, CA

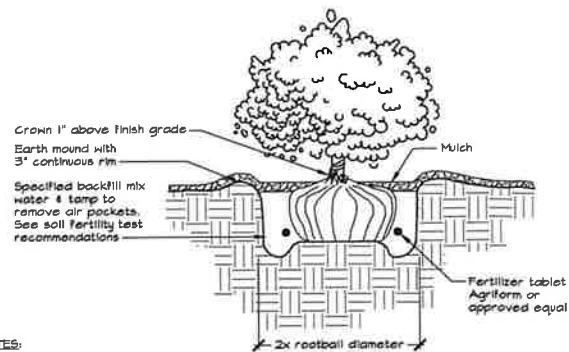


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DEB. 87

DROU. 87

CH. 66

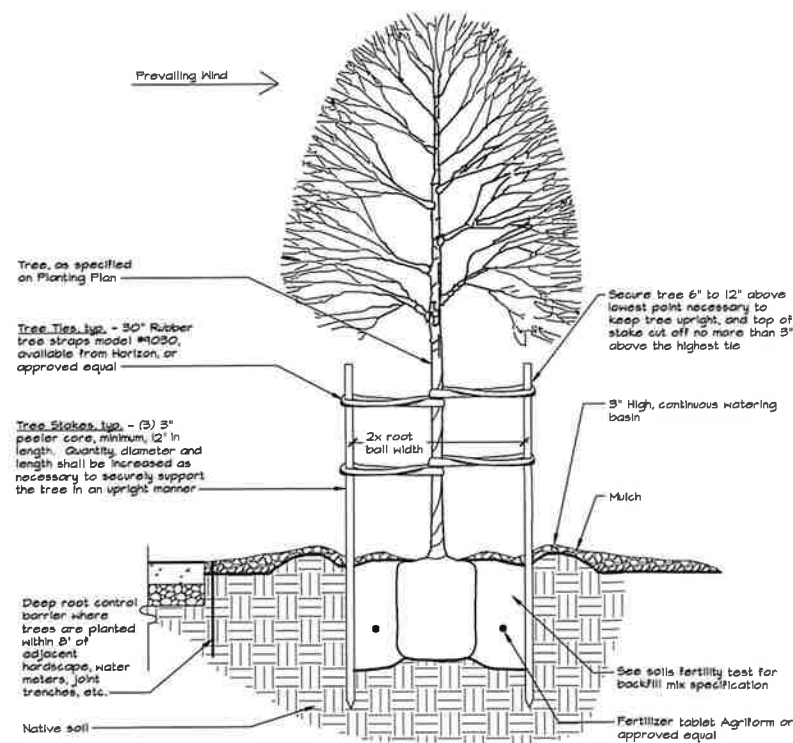


NOTES:

1. Root ball shall rest on undisturbed soil.
2. Plant tablets shall be equally spaced around root ball. The number of tablets shall be 1 for 4" pot or liner, 2 for 1 gallon, 3 for 5 gallon, and 4 for 15 gallon, or as specified in the soils fertility test recommendations.
3. Contractor shall water planting pit thoroughly following planting.
4. See Planting Notes on L4.1 for mulch specification.

1 SHRUB/GROUNDCOVER PLANTING

NOT TO SCALE

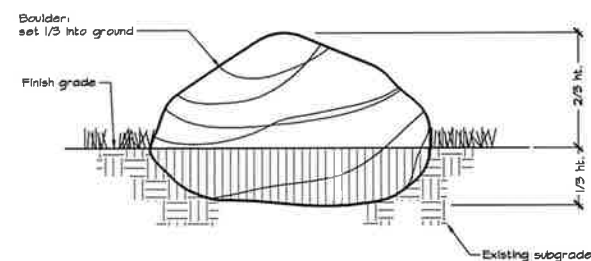


NOTES:

1. Root ball shall rest on undisturbed soil.
2. Plant tablets shall be equally spaced around root ball. The number of tablets shall be 4 for 15 gallon and 6 for 24", 36" box, or as specified in the soils fertility test recommendations.
3. Contractor shall water planting pit thoroughly following planting.
4. Trees shall be staked parallel with the direction of the prevailing wind.
5. Tree stakes shall have equal degree of separation between stakes.
6. Contractor shall use Deep Root Barrier where trees are planted within 8' of adjacent hardscape, water meters, joint trenches, etc. See Planting Notes on Planting Plan for more information.
7. See Planting Notes on L4.0 for mulch specification.

2 TREE PLANTING AND STAKING

NOT TO SCALE

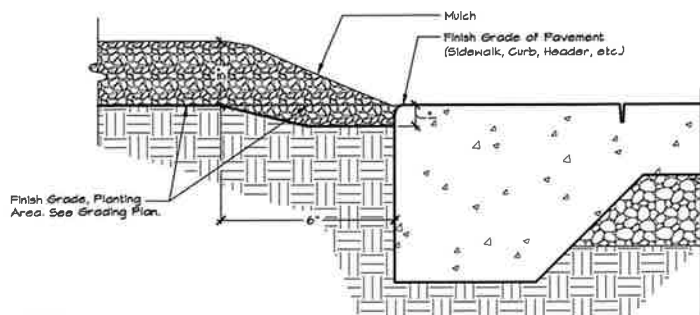


NOTES:

1. Boulders shall be Fieldstone Boulders with Moss. Boulders are available at Crown Hill Materials, 1865 Tamen St., Napa, CA 94554, (707) 255-1225, or Landscape Architect approved equal.
2. Contractor shall submit 1' x 1' boulder for review and approval by County prior to ordering. Landscape Architect shall review size and locations prior to placement and installation.

3 BOULDER

NOT TO SCALE



NOTES:

1. Grading shall provide for natural runoff of water without low spots or pockets.
2. See Planting Notes on L4.1 for mulch specification.

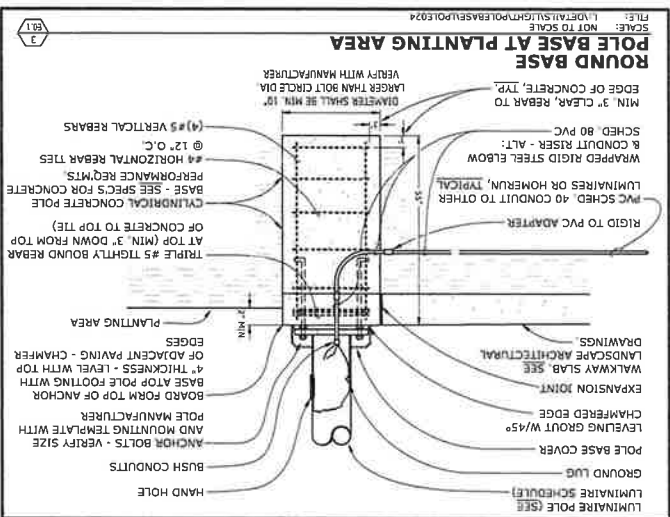
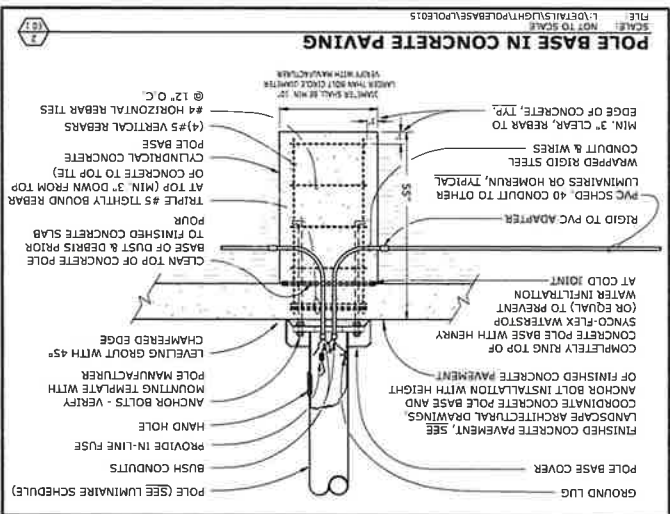
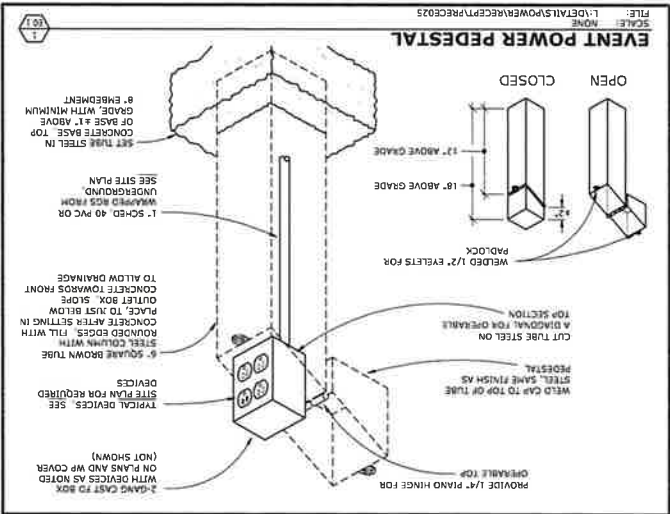
4 MULCH

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150W	FEEDER SIZE - SEE POWER SINGLE LINE DIAGRAMS & FEEDER SCHEDULE
30A	CIRCUIT BREAKER, NUMBER INDICATES 30-A POLE
CT5	CURRENT TRANSFORMERS
M	UTILITY METER
2	NUMBERED SHEET NOTE
1	NUMBERED SHEET NOTE
E-5	DETAIL DESIGNATION - SEE DETAIL 3, SHEET E-6
MC-1	MECHANICAL EQUIPMENT DESIGNATION - SEE MECHANICAL PLANS
Ø	#4/0 COPPER GROUNDING ELECTRODE CONDUCTOR, U. O. N.
Ø	TELEPHONE/DATA SYSTEM CONDUIT AND PULLWIRE, 3/4" U. O. N.
Ø	TELEPHONE/DATA SYSTEM CONDUIT AND PULLWIRE, 3/4" U. O. N.
Ø	TELEPHONE SYSTEM CONDUIT AND PULLWIRE, 3/4" U. O. N.
Ø	CONDUIT TURNED DOWN
Ø	CONDUIT TURNED UP
Ø	CONDUIT STUBBED OUT, CAPED AND MARKED
Ø	COMPLETE CONNECTION OF EQUIPMENT
Ø	MOVABLE TO PANELBOARD OR TERMINAL BOARD, AS NOTED ON PLANS
Ø	FIXABLE WIRELESS CONDUIT
Ø	THROUGH-ROOF TYPE COMPLETE CIRCUIT
Ø	WIRE SIZE TO SAME FOR ALL CONDUITORS, INCLUDING GROUND WIRE.
Ø	GROUND WIRE
Ø	CONDUIT AND WIRE RUN EXPOSED
Ø	CONDUIT SIZED GROUND CONDUCTOR, U. O. N.
Ø	CONDUIT SIZED GROUND CONDUCTOR, U. O. N.
Ø	CONDUIT AND WIRE CONCEALED IN OR UNDER SLAB OR UNDERGROUND
Ø	CONDUIT AND WIRE CONCEALED IN CEILING OR WALL
Ø	TRF, UP, 18" U. O. N.
Ø	20A 3P5 125V DUPLEX RECEPTACLE, GROUND FAULT CIRCUIT INTERRUPTER
Ø	20A 3P5 125V DUPLEX RECEPTACLE, 18" U. O. N.
Ø	20A 3P5 125V DUPLEX RECEPTACLE, WEATHERPROOF, 18" U. O. N.
Ø	JUNCTION BOX FLUSH FLOOR MOUNTED
Ø	FLUSH WALL MOUNTED JUNCTION BOX, 18" U. O. N.
Ø	FLUSH CEILING MOUNTED JUNCTION BOX, U. O. N.
Ø	COPPER GROUND ROD
Ø	CONCRETE PULLBOX, SIZE AS REQUIRED OR SHOW - CHISTRY OR EQUAL WITH LABELLED UP FOR USE
Ø	TRANSFORMER
Ø	LINE VOLTAGE MOTOR RATED TOGGLE SWITCH INSTALLED AT RIGHT SHOWN
Ø	MOTOR WITH WIRELESS CONDUIT CONNECTION AND DISCONNECT
Ø	USED EQUIPMENT DISCONNECT SWITCH WITH FUSE SIZE AS RECOMMENDED BY EQUIPMENT MANUFACTURER
Ø	SURFACE MOUNTED PANELBOARD, 6"-6" TO TOP
Ø	SURFACE MOUNTED PANELBOARD, 6"-6" TO TOP
Ø	MAIN SWITCHBOARD, DISTRIBUTION PANEL OR MOTOR CONTROL CENTER

WP	WEATHER PROOF, NEMA 3B
U O M	UNLESS OTHERWISE NOTED
TC	INDICATES FIXTURES ON THECLOCK CONTROL
STC	SIGNAL TERMINAL CABINET
PML	PANEL
P	INDICATES FIXTURES ON PHOTOCELL CONTROL
O F C.I.	OWNER FURNISHED, CONTRACTOR INSTALLED
O A H	OVERALL HEIGHT
N E C	NATIONAL ELECTRICAL CODE
(N)	NEW
MTD	MOUNTED
MLO	MAIN LUGS ONLY
MCB	MAIN CIRCUIT BREAKER
LV	LOW VOLTAGE
L	LOCKABLE
GR	GROUND FAULT CIRCUIT INTERRUPTING TYPE RECEPTACLE
FL	FEED THROUGH LUGS
FMC	FLEXIBLE METALLIC CONDUIT
EXT	EXTENSION
EQPT	EQUIPMENT
(E)	EXISTING
E C	ELECTRICAL CONTRACTOR
CU	COPPER
CO	CONDUIT ONLY
C	CONDUIT
AF6	ABOVE FINISHED GRADE

ALL SWITCH AND CONTROL MOUNTING HEIGHTS OF 48" SHALL BE TO TOP OF THE DEVICE BOX. ALL RECEPTS WITH MOUNTING HEIGHT OF UP TO 18" SHALL BE NO LOWER THAN 15" TO BOTTOM OF THE DEVICE BOX. TYPICAL 1, 0 N.	
INDICATES LUMINAIRE TYPE, SEE LUMINAIRE SCHEDULE	MAINT
RECESSED 2"x4", 2"x6" LUMINAIRE, FULLY LENSED	
RECESSED 2"x4", 2"x6" LUMINAIRE WITH DECOMPRATIVE ARTICULATED OPTICAL SHIELD	
INDICATES EMERGENCY LUMINAIRE SEE ABBREVIATIONS FOR TYPE OF EMERGENCY SOURCE	
INDICATES AIRLIGHT CABLE SUPPORT POINT (YEARLY WITH MANUFACTURER)	
SUSPENDED LINEAR LUMINAIRE	
UNDER CABINET LUMINAIRE	
SURFACE OR SUSPENDED STRIP LUMINAIRE	
PERIMETER MOUNTED LUMINAIRE	
DECORATIVE CEILING MOUNTED LUMINAIRE	
SURFACE MOUNTED LIGHTING TRACK WITH TRACK LUMINAIRES	
RECESSED ADJUSTABLE ACCENT LUMINAIRE, ARROW INDICATES AIMING DIRECTION	
RECESSED DOWNLIGHT LUMINAIRE	
RECESSED WALLWASH LUMINAIRE, UNSHADOWED SIDE INDICATES DIRECTION OF WALL TO BE ILLUMINATED	
RECESSED DOWNLIGHT WITH DECOMPRATIVE TRIM	
RECESSED OR SURFACE MOUNTED LINEAR WALLWASH LUMINAIRE, UNSHADOWED SIDE INDICATES DIRECTION OF WALL TO BE ILLUMINATED	
WALL MOUNTED LUMINAIRE	
STEREOMETRIC RECESSED FLUSH IN WALL	
POLE MOUNTED AREA LUMINAIRE; ARROW INDICATES DIRECTION OF LIGHT DISTRIBUTION WHEN NOT PARALLEL TO MAIN ORIENTATION	
POLE MOUNTED DECOMPRATIVE-SCALE WALLWASH OR AREA LUMINAIRE; ARROW INDICATES DIRECTION OF LIGHT DISTRIBUTION	
POST-TO-POST DECOMPRATIVE-SCALE AREA LUMINAIRE; ARROW INDICATES DIRECTION OF LIGHT DISTRIBUTION	
FLUSH IN-GROUND LUMINAIRE; ARROW INDICATES DIRECTION OF LIGHT DISTRIBUTION	
FLUSH IN-GROUND LANDSCAPE OR BUILDING LIGHT WITH ADJUSTABLE AIMING FEATURE; ARROW INDICATES AIMING DIRECTION	
FLUSH IN-GROUND WALLWASH UPLIGHT; OPEN AREA INDICATES DIRECTION OF ILLUMINATION	
STEM MOUNTED SIGN LIGHT	
WALL MOUNTED EXIT SIGN, ARROWS AS NOTED ON PLANS, SHADOWED AREA INDICATES NUMBER OF FACES	
CEILING MOUNTED EXIT SIGN, ARROWS AS NOTED ON PLANS, SHADOWED AREA INDICATES NUMBER OF FACES	
LOW LEVEL WALL MOUNTED EXIT SIGN	
WALL MOUNTED EMERGENCY BATTERY BACKED LUMINAIRE WITH NUMBER OF ADJUSTABLE LAMP HEADS INDICATED	
LINE VOLTAGE SINGLE POLE TOGGLE SWITCH, LETTER ADJACENT INDICATES RESPECTIVE ZONE CONTROLLED, UP 48" 0 N	
LINE VOLTAGE THREE-WAY TOGGLE SWITCH, UP 48" 0 N	
LINE VOLTAGE TWO-POLE TOGGLE SWITCH, UP 48" 0 N	
LINE VOLTAGE THREE-WAY TOGGLE SWITCH, UP 48" 0 N	
LINE VOLTAGE KEY OPERATED TOGGLE SWITCH	
LINE VOLTAGE TOGGLE SWITCH WITH PULL LIGHT, LIGHT IS ON WHEN CURRENT IS CLOSED, UP 48" 0 N	

ALL EXTERIOR LUMINAIRES SPECIFIED IN THESE CONTRACT DOCUMENTS COMPLY WITH THE REQUIREMENTS OF THE CALIFORNIA ENERGY CODE AND THE CALIFORNIA GREEN BUILDING STANDARDS CODE, SECTION AS 106.8 LIGHT POLLUTION REDUCTION. EXTERIOR LUMINAIRES COMPLY WITH BACKLIGHT, UPLIGHT, AND GLARE (BLCG) RATINGS AS DEFINED IN IESNA TM-15-11 AND BUG RATINGS DO NOT EXCEED THE MAXIMUM ALLOWABLE RATINGS FOR THIS PROJECT.

[illegible]

COUNTY OF LAKE HAMMOND PARK 6935 HAMMOND AVE. NICE, CA	SHEET NO. JOB NO. 2012 FILE NO. 2009042 DATE: 2/2/25
SYMBOLS LIST, GENERAL NOTES & LIST OF DRAWINGS	GSM GSM landscape architects, inc. landscape architecture site planning 1700 Seacrest Ave., Suite 23 Naperville, IL 60563 (708) 295-6630 www.gsmllc.com
DES. P.L.D. DOW. L.W. C.H.D. P.L.D.	

LUMINAIRE SCHEDULE

TYPE	MOUNTING	DESCRIPTION	MANUFACTURER CATALOG #	LIGHT SOURCE	POWER SUPPLY	VOLTS	INPUT WATTS
AA1	SURFACE	WET LOCATION LISTED VAPORTIGHT LUMINAIRE WITH HIGH-IMPACT POLYCARBONATE HOUSING WITH INTEGRATED METAL GEAR TRAY, STAINLESS STEEL LATCHES, CAPTIVE LENS, IK07 LENS AND IK10 HOUSING IMPACT RATING, UV STABILIZED DIFFUSE LENS, SURFACE MOUNT CLIPS, INTEGRAL 360 DEG. WET LISTED MOTION SENSOR, 4" H X 4" W X 4" L.	COOPER - METALUX 4APVTL-D-SL3C3-MSWL20	3500K LED 80 CRI 5906 LM	NON-DIMMING	120/277V	46W
BA4	POLE MOUNTED	POLE MOUNTED FULL CUTOFF AREA LIGHT WITH DIE CAST LOW COPPER ALUMINUM COVER, CONTINUOUS GASKET, ALUMINUM HOOD, ALUMINUM HEAT SINK, IES TYPE IV OPTICAL DISTRIBUTION, ALUMINUM HOOD SUPPORTS, DIE CAST LOW COPPER SELF LEVELING POLE FITTER AND DRIVER COVER, AND BLACK POLYESTER POWDER COAT, PAINTED FINISH, 12' TALL, 3.5" DIAMETER STEPPED STEEL POLE WITH POLE MOUNTED PROGRAMMABLE PIR OCCUPANCY SENSOR IN CAST ALUMINUM HOUSING, HANDHOLE, AND STANDARD BASE COVER. ~14' OVERALL HEIGHT.	SELUX - SATURN 2 SAC2L-R4-1-5G450-30-12-BK-120/277-MS POLE S635-12-BK-MS SENSOR MS-18-D5-N-UNV	3000K LED 80 CRI 4423 LM	DIMMING VIA INTEGRAL OCCUPANCY SENSOR - 100%/50%	120/277V	39W
BA5	POLE MOUNTED	SIMILAR TO TYPE BA4 EXCEPT WITH IES TYPE V RECTANGULAR OPTICAL DISTRIBUTION.	SELUX - SATURN 2 SAC2L-R5Q-1-5G450-30-12-BK-120/277-MS POLE S635-12-BK-MS SENSOR MS-18-D5-N-UNV	3000K LED 80 CRI 4475 LM	DIMMING VIA INTEGRAL OCCUPANCY SENSOR - 100%/50%	120/277V	39W



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DATE: 2/2/25
FILE NO: 22328456
JOB NO: 2512
SHEET NO:

E0.2



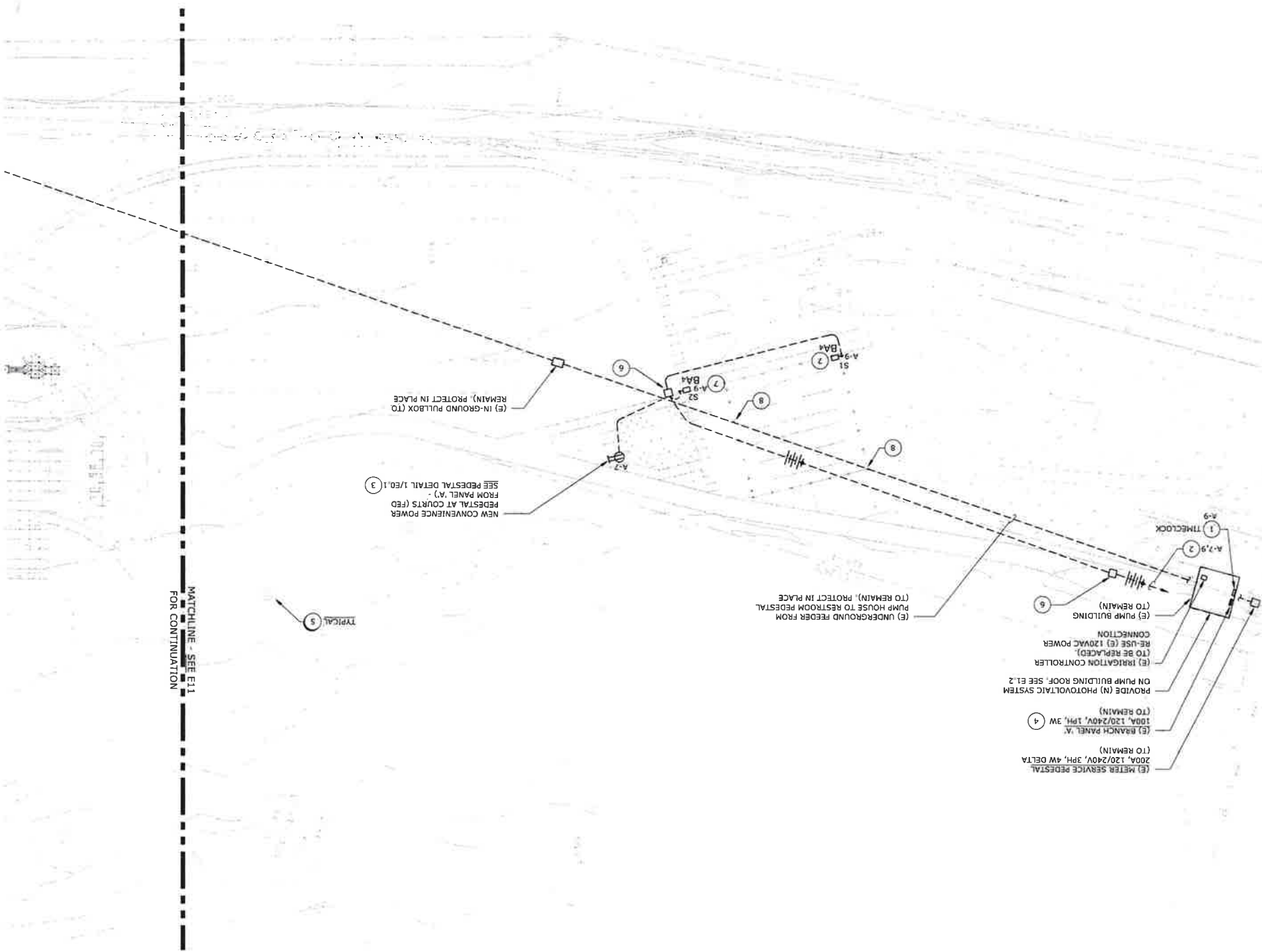
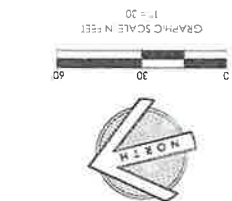
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LUMINAIRE SCHEDULE

COUNTY OF LAKE
HAMMOND PARK
NICE, CA
6935 HAMMOND AVE.

DES: PLZ
DRAW: UNVY
CHECK: PLZ

SCALE: 1" = 30'-0"

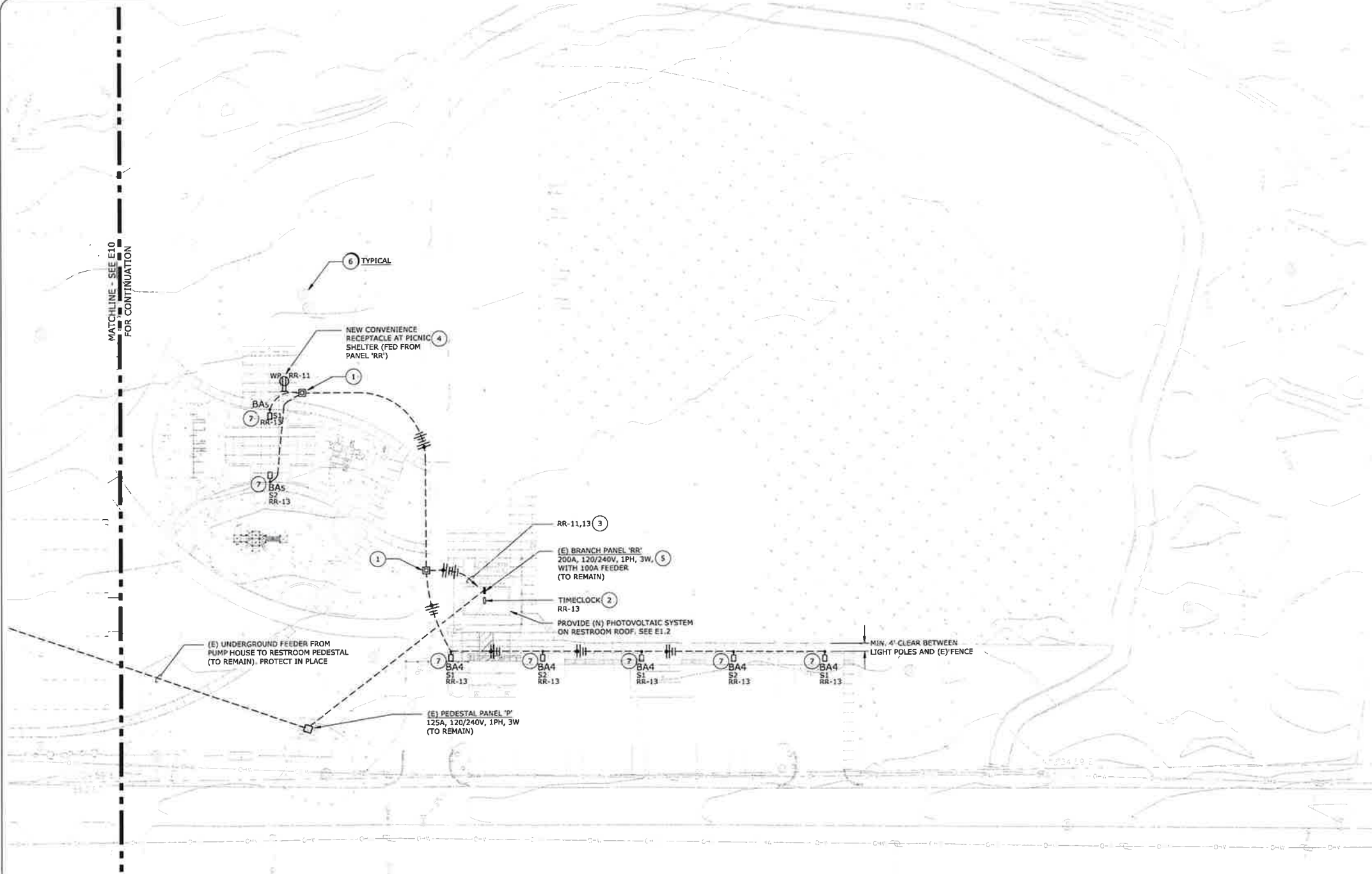


1. ASTRONOMICAL (2) CHANNEL, TIMECLOCK, NEMA 1 STEEL
ENCLOSURE, INTERMATIC ET7280 SERIES, CONNECT LIGHTS
TAGGED 51 VIA CHANNEL 1 AND LIGHTS TAGGED 52 VIA
CHANNEL 2. PROGRAM CHANNELS 50 51 LIGHTS ARE ON DUSK
TO DAWN AND 52 LIGHTS ARE ON FROM DUSK TO 10:00 PM.
CONFIRM THIS SCHEDULE WITH OWNER BEFORE PROGRAMMING.
2. ROUTE CIRCUIT FROM HOME TO PANEL VIA TIMECLOCK.
3. CONFIRM EXACT LOCATION OF POWER PEDESTAL WITH
LANDSCAPE ARCHITECT PRIOR TO ROUGH IN.
4. PROVIDE AND INSTALL (3) CIRCUIT BREAKERS IN EXISTING
EXISTING CIRCUIT BREAKERS. CONNECT NEW LIGHTING AND
RECEPTACLES COMPLETE TO NEW BREAKERS.
5. PROTECT EXISTING TREES, TYPICAL. SEE TREE PROTECTION
STANDARDS ON L4.1.
6. FLUSH IN-GROUND CONCRETE PULLBOX, CHRISTY N980X WITH
N98 CONCRETE LID.
7. SEE DETAIL 3/10.1.
8. FIELD LOCATE AND HAND-DIG OUT EXACT LOCATION OF (2)
POWER LINE AT THIS LOCATION, WITH RESPECT TO COURT
FENCE POST BASE. SHIFT (4) POWER LINE SIDEWAYS TO JUST
CLEAR (N) POST BASE, IF IN CONFLICT. PROTECT (4) FEEDER
AND CONDUIT FROM ANY OTHER CONSTRUCTION DAMAGE.
DURING CONSTRUCTION, THE REST OF THE NEW COURT SURFACE.

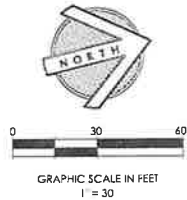
- 1 ASTRONOMIC (2) CHANNEL THEORECLOCK, NEMA 1 STEEL CHANNEL 25 RECESSED CHANNELS 50.5 LIGHTS ARE ON DISK TO DAWN AND 22 LIGHTS ARE ON FROM DUSK TO 10:00 PM.
- 2 CONFIRM THIS SCHEDULE WITH OWNERS BEFORE PROGRAMMING.
- 3 ROUTE CIRCUIT HOME TO PANEL VIA TIMECLOCK.
- 4 CONFIRM EXACT LOCATION OF POWER PESTESTAL WITH LAMPSCAPE ARCHITECT PRIOR TO ROUGH IN.
- 5 REMOVE AND INSTALL (3) CIRCUIT BREAKERS IN EXISTING SPACES 7, 9, AND 11 IN (E) PANEL A. BREAKERS SHALL MATCH PROTECTABLES COMPLETE TO NEW BREAKERS.
- 6 PROTECT EXISTING TREES, TYPICAL SEE TREE PROTECTION STANDARDS ON L-1.
- 7 FLUSH IN-GROUND CONCRETE PILLBOX, CHASTITY BRACK WITH GROUND DETAIL 7/30.1.
- 8 FIELD LOCATE AND HAND-DIG EXACT LOCATION OF (E) POWER LINE AT THIS LOCATION, WITH RESPECT TO (N) COURT FENCE ROOST BASE SHIFT (E) POWER LINE SIDEWAYS TO JUST INCLUDING UNDER THE REST OF THE NEW COURT SURFACE DURING CONSTRUCTION.

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ELECTRICAL PLAN - NORTH
SCALE: 1" = 30'-0"



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NUMBERED SHEET NOTES

- 1 FLUSH-IN-GROUND CONCRETE PULLBOX, CHRISTY N09BOX WITH N09R CONCRETE LID.
- 2 ASTRONOMIC (2) CHANNEL TIMECLOCK, NEMA 1 STEEL ENCLOSURE, INTERMATIC ET2800 SERIES. CONNECT LIGHTS TAGGED S1 VIA CHANNEL 1 AND LIGHTS TAGGED S2 VIA CHANNEL 2. PROGRAM CHANNELS SO S1 LIGHTS ARE ON DUSK TO DAWN AND S2 LIGHTS ARE ON FROM DUSK TO 10:00 PM. CONFIRM THIS SCHEDULE WITH OWNER BEFORE PROGRAMMING.
- 3 ROUTE CIRCUIT HOME TO PANEL VIA TIMECLOCK. CAREFULLY CUT CONCRETE SIDEWALK AT EXISTING JOINTS, INSTALL CONDUIT UNDERGROUND TO FOUNDATION, UP THE SIDE OF FOOTING, OFFSET TO WALL FACE, AND THEN INTO BUILDING USING CONDULET FOR 90 DEGREE BEND. ALL EXPOSED EXTERIOR CONDUIT SHALL BE RIGID STEEL. KEEP EXPOSED CONDUIT TIGHT TO WALL AND MAKE WALL PENETRATION AS LOW AS POSSIBLE. PRIME AND PAINT EXPOSED CONDUIT TO MATCH WALL SURFACE TO SATISFACTION OF ARCHITECT. REPAIR SIDEWALK AND RETURN ITS SURFACE TO ORIGINAL CONDITION.
- 4 MOUNT RECEPTACLE IN OUTLET BOX PROVIDED BY SHELTER MANUFACTURER, FLUSH IN 7"x7" STEEL COLUMN. PROVIDE WEATHERPROOF COVER.
- 5 PROVIDE AND INSTALL (2) CIRCUIT BREAKERS IN EXISTING SPACES 11 AND 13 IN PANEL RR. BREAKERS SHALL MATCH EXISTING CIRCUIT BREAKERS. CONNECT NEW LIGHTING AND RECEPTACLES COMPLETE TO NEW BREAKERS.
- 6 PROTECT EXISTING TREES, TYPICAL. SEE TREE PROTECTION STANDARDS ON L4.1.
- 7 SEE DETAIL 2/E0.1. MAINTAIN MIN. 4' CLEAR BETWEEN POLE BASE / COLLAR AND FENCE.

ELECTRICAL SITE PLAN - NORTH

COUNTY OF LAKE
HAMMOND PARK

NICE, CA

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(707) 255-4600
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DATE: 2/2/25

FILE NO: 2512BASE

JOB NO: 2512

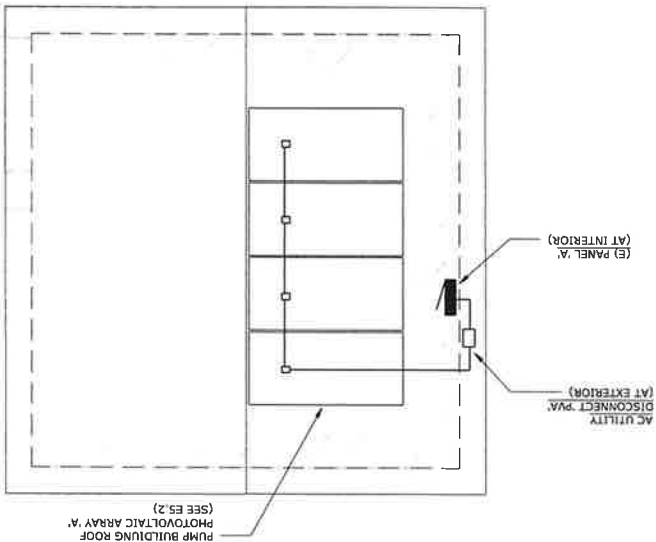
SHEET NO:

E1.1

PUMP BUILDING ROOF PLAN - PHOTOVOLTAIC

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

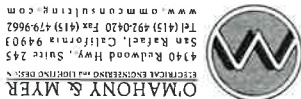
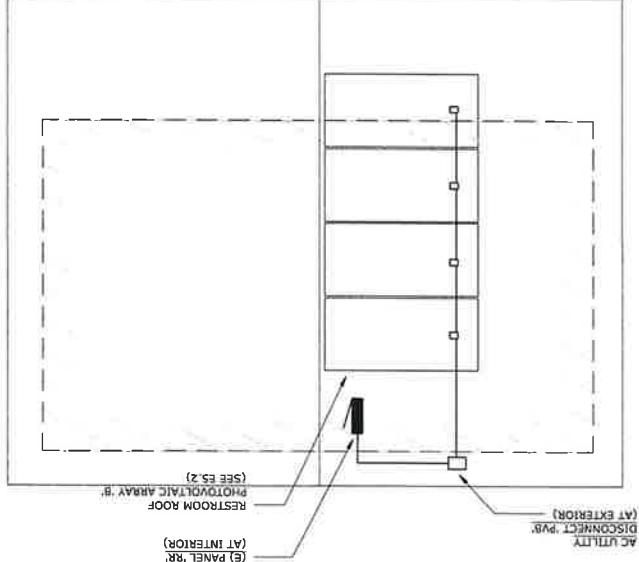
1



RESTROOM BUILDING ROOF PLAN - PHOTOVOLTAIC

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

2



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9
E1.2

SHEET NO.
JOB NO. 2231
FILE NO. 2231A02
DATE: 2/21/25

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6935 HAMMOND AVE.
NICE, CA

ROOF PLANS - PHOTOVOLTAIC



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DES. P.L.
PROM. LARRY
CHECK. P.L.

PV SYSTEM GENERAL NOTES

- UNLESS OTHERWISE NOTED, ALL WORK SHOWN ON DRAWINGS IS NEW AND TO BE PROVIDED AND INSTALLED UNDER THIS CONTRACT.
- ALL EXTERIOR EQUIPMENT / BOXES / COMBINERS SHALL BE NEMA 3R RATED FOR OUTDOOR USE.
- ALL BARE METAL RACEWAYS SHALL BE RGS, U O N.
- ALL CONDUCTORS TO BE SIZED PER NEC 1310.16 WITH APPROPRIATE AMBIENT TEMPERATURE CORRECTION FACTORS PER NEC 1310.15(1).
- CONDUCTORS SHALL ALSO BE DERATED PER NEC TABLE 310.15(C)(1) FOR MORE THAN (3) CURRENT CARRYING CONDUCTORS IN A COMMON RACEWAY (IF APPLICABLE).
- ALL CONDUIT CONNECTORS TO OUTLET OR JUNCTION BOXES SHALL HAVE INSULATED THROATS (MANUFACTURED AS AN INTEGRAL PART OF THE CONNECTOR) AFTER-MARKET INSERTABLE THROATS ARE NOT ACCEPTABLE.
- COORDINATE ALL UTILITY SYSTEM RELATED ITEMS WITH UTILITY CO. INCLUDING APPLICATION FOR UTILITY INTERCONNECT AGREEMENT.
- COMPLY WITH NEC ARTICLE 690, 705, AND OTHER APPLICABLE CODES, REGULATIONS AND LOCAL ORDINANCES.
- ALL INVERTERS TO BE CERTIFIED WITH THE CALIFORNIA ENERGY COMMISSION AND UL 1741 LISTED, UTILITY INTERACTIVE, SIZE AND RATINGS AS NOTED ON PLANS.
- ALL AC FEEDERS SIZED TO NEC 1310.16, 75 DEGREE COLUMN WHEN USED WITH 75 DEGREE TERMINATIONS AND EQUIPMENT. USE 90 DEGREE COLUMN WHEN USED WITH PV EQUIPMENT. RATED WITH 90 DEGREE TERMINATIONS. CONDUCTOR SIZES TO BE BASED ON FULL EQUIPMENT NAMEPLATE LOADS.
- ALL CONDUIT FILL (AC AND DC) TO BE 40% MAXIMUM.
- PROVIDE AN EQUIPMENT GROUNDING CONDUIT IN EACH CONDUIT (BOTH AC AND DC), SIZED PER NEC 250 AND 690 COLUMN, RATED FOR MIN. 150% OF 150.
- ALL DC CIRCUITS TO BE 2-WIRE + GROUND, (90 DEGREE OR XHHW-2 (90 DEGREE) WET RATED FOR USE WITH 90 DEGREE LISTED TERMINALS ON PV EQUIPMENT.
- ALL DC WIRING SHALL BE MINIMUM 1000V RATED.
- ALL DC WIRING TO BE LISTED "PV WIRE" (90 DEGREE) WET RATED AND SUNLIGHT RESISTANT. LOOSELY BUNDLE AND SECURE ALL INDIVIDUAL STRING WIRING NEATLY ALONG UNDERSIDE OF MODULES.
- SURFACES / FRAMES / EQUIPMENT WITH MIN. #2 GROUND STRAP, WEBS MAY BE UTILIZED AT MODULE FRAME GROUNDING.
- ALL PV MODULES TO BE UL 1703 LISTED, WITH TYPE 2 FIRE RATING.
- ALL UNDERGROUND RACEWAYS TO BE SCHEDULE 40 PVC, UNLESS OTHERWISE NOTED.
- ALL IN-GROUND PULL BOXES TO BE FLUSH STYLE WITH CONCRETE LIDS.
- INVERTERS SHALL BE PROVIDED WITH DC AFCI PROTECTION PER CEC 690.11. INVERTERS SHOWN ON THIS SET OF DOCUMENTS ARE PROVIDED WITH DC AFCI PROTECTION. ANY SUBSTITUTIONS SHALL BE SUBMITTED TO THE ELECTRICAL ENGINEER OF RECORD FOR REVIEW.
- INVERTERS SHALL BE PROVIDED WITH INTEGRAL GROUND-FAULT PROTECTION PER CEC 690.35. INVERTERS SHOWN ON THIS SET OF DOCUMENTS ARE PROVIDED WITH INTEGRAL GROUND FAULT PROTECTION. ANY SUBSTITUTIONS SHALL BE SUBMITTED TO THE ELECTRICAL ENGINEER OF RECORD FOR REVIEW.
- ALL PV MODULE DC CABLE CONNECTORS SHALL BE MC4 TYPE (OR EQUIV.), REQUIRING A TOOL FOR OPENING OF PV CONNECTIONS PER CEC 690.33. PV MODULES SHOWN ON THIS SET OF DOCUMENTS ARE PROVIDED WITH MC4 CONNECTORS. ANY SUBSTITUTIONS SHALL BE SUBMITTED TO THE ELECTRICAL ENGINEER OF RECORD FOR REVIEW.

NUMBERED SHEET NOTES

- INVERTERS TO BE CERTIFIED WITH THE CALIFORNIA ENERGY COMMISSION AND UL 1741 LISTED.
- PROVIDE GROUNDING CONNECTION FROM INVERTER ASSEMBLY TO MAIN SERVICE GROUND BUS PER CEC 690.47 AND MANUFACTURERS INSTRUCTIONS.
- ALL PV SYSTEM INTERCONNECTIONS WITH THE DISTRIBUTION SYSTEM SHALL COMPLY WITH CEC ARTICLE 690. PROVIDE AND INSTALL ALL CONDUCTORS IN A COMMON RACEWAY (IF APPLICABLE).
- PROVIDE ALL PV SYSTEM PLACED AS REQUIRED BY CEC AND LOCAL UTILITY COMPANY, SEE SHEET E5.4.

COPPER FEEDER SCHEDULE - PV SYSTEM

CONDUIT CONDUCTORS

PV1 (1) 1/2" (2) #12 + (1) #12G

FEEDER TAG KEY

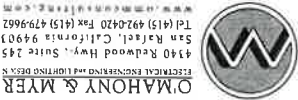
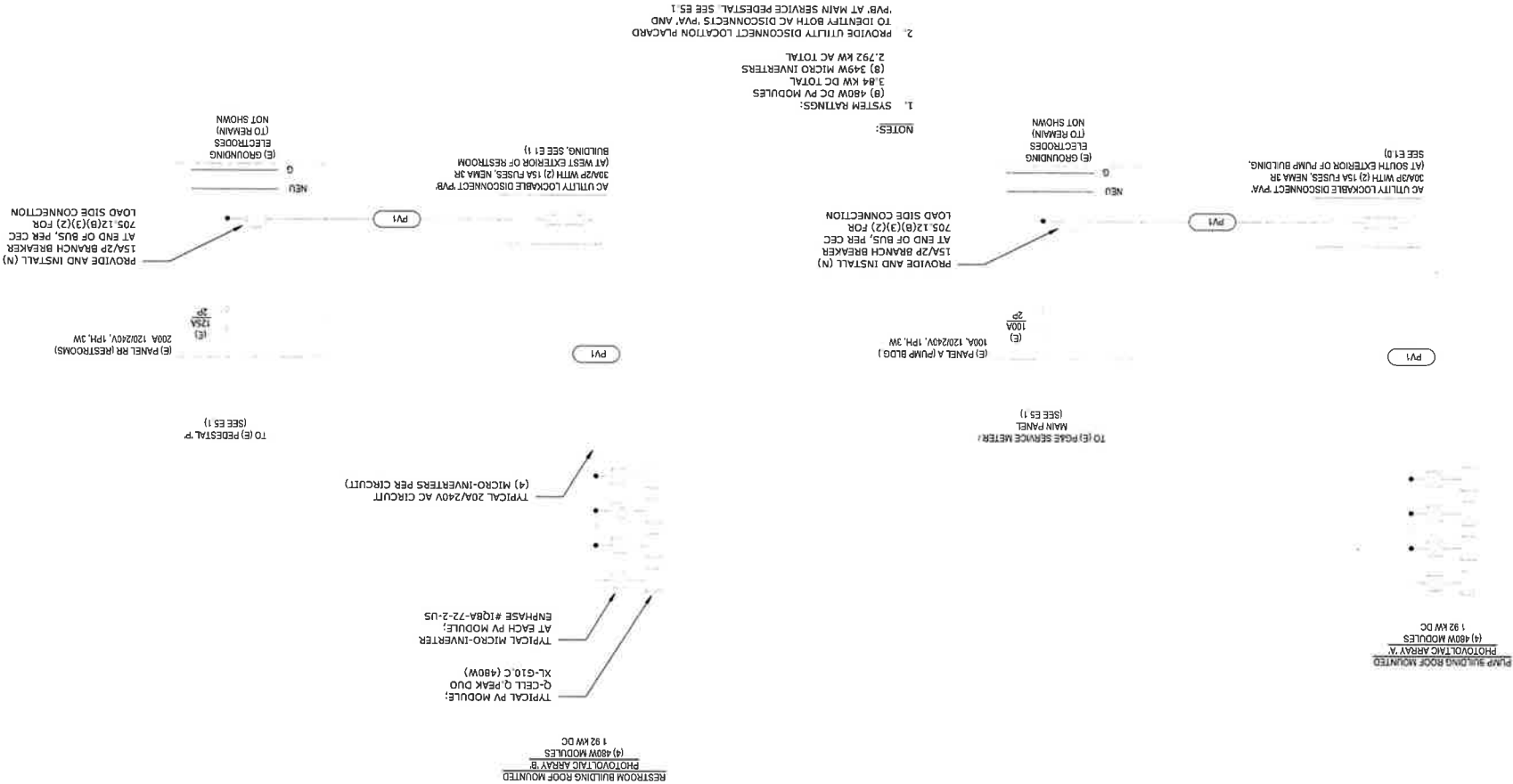
WIRE QUANTITY + GROUND

FEEDER AMPACITY

SINGLE LINE DIAGRAM - PHOTOVOLTAIC

SCALE: NONE

E5.2



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E5.2

SHEET NO.
JOB NO. 2312
FILE NO. 2328AGE
DATE 2/2/25

COUNTY OF LAKE
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SINGLE LINE DIAGRAM -
PHOTOVOLTAIC



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DES. PLOT
PLOT LAYOUT
CHECK: PLOT

PHOTOVOLTAIC CIRCUITS ONLY
NO ADDITIONAL CIRCUITS ALLOWED

WARNING: PHOTOVOLTAIC
POWER SOURCE

- NOTES :
1. LOCATE AT 10' INCREMENTS ALONG ALL EXPOSED PHOTOVOLTAIC SYSTEM CONDUIT RUNS
 2. LOCATE AT ALL COVERS, ENCLOSURES, J-BOXES AND CONDUIT BODIES
 3. RED BACKGROUND, REFLECTIVE WHITE LETTERING (MIN. 3/8" TEXT)
 4. LABELS SHALL BE UV SUN RESISTANT, WITH PERMANENT ADHESIVE BOND SUITABLE FOR SURFACE MATERIAL APPLICATION
 5. REFERENCE: CEC 690 31(G)

INV-#

- NOTES :
1. LOCATE AT ALL PHOTOVOLTAIC INVERTERS
 2. RED BACKGROUND, REFLECTIVE WHITE LETTERING (MIN. 3/8" TEXT)
 3. LABELS SHALL BE UV SUN RESISTANT, WITH ADHESIVE SUITABLE FOR OUTDOOR ENVIRONMENT
 4. BLACK BACKGROUND, REFLECTIVE WHITE LETTERING (MIN. 3/4" TEXT)
 5. APPLY EQUIPMENT ID SHOWN ON PLANS TO EACH INVERTER LABEL

DIRECT CURRENT
PHOTOVOLTAIC
POWER SOURCE

MAXIMUM VOLTAGE:
1000 VDC

MAXIMUM CIRCUIT CURRENT:
XX AMPS

- NOTES :
1. LOCATE AT ALL INVERTERS
 2. RED BACKGROUND, REFLECTIVE WHITE LETTERING (MIN. 1/4" & 1/8" TEXT)
 3. LABELS SHALL BE UV SUN RESISTANT, WITH ADHESIVE SUITABLE FOR OUTDOOR ENVIRONMENT
 4. REFERENCE: CEC 690 56(C)(3)

RAPID SHUTDOWN SWITCH FOR
SOLAR PV SYSTEM

- NOTES :
1. LOCATE WITHIN 3' OF RAPID SHUTDOWN SWITCH
 2. RED BACKGROUND, REFLECTIVE WHITE LETTERING (MIN. 1/4" TEXT)
 3. LABELS SHALL BE UV SUN RESISTANT, WITH ADHESIVE SUITABLE FOR OUTDOOR ENVIRONMENT
 4. REFERENCE: CEC 690 56(C)(3)

PHOTOVOLTAIC SYSTEM AC DISCONNECT

RATED AC OPERATING CURRENT: 15 A AC
AC NOMINAL OPERATING VOLTAGE: 240 VAC

- NOTES :
1. LOCATE AT PHOTOVOLTAIC INTERCONNECTION DISCONNECTS 'PVA' AND 'PVB'
 2. RED BACKGROUND, REFLECTIVE WHITE LETTERING (MIN. 1/4" TEXT)
 3. LABELS SHALL BE UV SUN RESISTANT, WITH ADHESIVE SUITABLE FOR OUTDOOR ENVIRONMENT

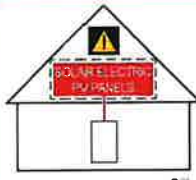
 PV SYSTEM
DISCONNECT

TERMINALS ON BOTH LINE AND LOAD
SIDES MAY BE ENERGIZED IN THE OPEN
POSITION

- NOTES :
1. LOCATE AT ALL INVERTER AC/DC DISCONNECTS
 2. RED BACKGROUND, REFLECTIVE WHITE LETTERING (MIN. 1/4" TEXT)
 3. LABELS SHALL BE UV SUN RESISTANT, WITH PERMANENT ADHESIVE BOND SUITABLE FOR SURFACE MATERIAL APPLICATION
 4. REFERENCE: CEC 690 15(D)

SOLAR PV SYSTEM EQUIPPED
WITH RAPID SHUTDOWN

TURN RAPID SHUTDOWN SWITCH
TO THE "OFF" POSITION
TO SHUT DOWN CONDUCTORS
OUTSIDE THE ARRAY
CONDUCTORS WITHIN
THE ARRAY REMAIN
ENERGIZED IN SUNLIGHT



- NOTES :
1. LOCATE NOT MORE THAN 3' FROM THE SERVICE DISCONNECTING MEANS
 2. RED BACKGROUND, REFLECTIVE WHITE LETTERING (MIN. 3/8" & 3/16" TEXT)
 3. LABELS SHALL BE UV SUN RESISTANT, WITH PERMANENT ADHESIVE BOND SUITABLE FOR SURFACE MATERIAL APPLICATION
 4. REFERENCE: CEC 690 56(C)(1)



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Building Location: 1723/1724 Project Name: 1723/1724 Client: 1723/1724	Building Location: 1723/1724 Project Name: 1723/1724 Client: 1723/1724
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[illegible]

Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022 0.000 Report ID: (Energy) 0008 4218 1835 Report Date: 2024 07 18 18:30 Document Version: 1.000000	DATE OF CALCULATION OUTDOOR LIGHTING CERTIFICATE OF COMPLIANCE Project Name: [REDACTED] (optional field, no requirement) Report Title: [REDACTED] Date Prepared: 7/17/2024 Page 6 of 22 SECTION 4 CALCULATED ENERGY CONSUMPTION
1. LIGHTING ALLOWANCE: OMAKEMENTAL This factor does not apply to this project.	MA LIGHTING ALLOWANCE: PER SPECIFIC AREA This factor does not apply to this project.
N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only) This factor does not apply to this project.	O. EVALUATION OF REQUIRED CERTIFICATES OF INSTALLATION

Additional comments: These documents must be provided to the building inspector during construction and can be found online at www.maryland.gov. Form Title _____ PHO 1700-C Must be submitted for all buildings.	DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE There are no other items required for this project.
--	--

[illegible]

Contractor's Date/Time Monday 05/07/2011 08:00 Tuesday 05/07/2011 08:00 Wednesday 06/07/2011 08:00 Thursday 07/07/2011 08:00 Friday 08/07/2011 08:00 Saturday 09/07/2011 08:00 Sunday 10/07/2011 08:00 Monday 11/07/2011 08:00 Tuesday 12/07/2011 08:00 Wednesday 13/07/2011 08:00 Thursday 14/07/2011 08:00 Friday 15/07/2011 08:00 Saturday 16/07/2011 08:00 Sunday 17/07/2011 08:00 Monday 18/07/2011 08:00 Tuesday 19/07/2011 08:00 Wednesday 20/07/2011 08:00 Thursday 21/07/2011 08:00 Friday 22/07/2011 08:00 Saturday 23/07/2011 08:00 Sunday 24/07/2011 08:00 Monday 25/07/2011 08:00 Tuesday 26/07/2011 08:00 Wednesday 27/07/2011 08:00 Thursday 28/07/2011 08:00 Friday 29/07/2011 08:00 Saturday 30/07/2011 08:00 Sunday 31/07/2011 08:00	Contractor's Name/Company [Contractor's Name/Company]	Contractor's Address [Contractor's Address]	Contractor's Phone Number [Contractor's Phone Number]	Contractor's Email Address [Contractor's Email Address]	Contractor's Website [Contractor's Website]
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[illegible]

CA Building Energy Efficiency Standards 2022 Residential Compliance

Report version: 02/22/2022

Model version: 09/2022/0001

Compliance Status: Pass

Documented Software: EnergyPlus

Compliance ID: EnergyPlus-0009-0724-0105

Report Generated: 2024-07-25 10:50



NICE, CA

COUNTY OF LAKE
HAMMOND PARK
6935 HAMMOND AVE.

[illegible]

Project Address:		3001 Hammond Ave, Tulsa, Oklahoma 74119		2/22/2019	
A. GENERAL INFORMATION					
01	Project Location (City)	Tulsa	04	Total Conditioned Floor Area (H ²)	1,710
02	Climate Zone	7	05	Total Unconditioned Floor Area (H ²)	0
03	Occupancy Types Within Project (select all that apply)	06		# of Stories (Multiple Above Grade)	1
a Warehouse					

B. PROJECT SCOPE				
This table includes any lighting systems that are <u>not</u> in the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.8 / 170.2(e) or 141.10(c) / 180.2(d) for alterations.				
Scope of Work	Conditioned Spaces		Unconditioned Spaces	
	G1	G2	G3	G5
My Project Consists of (check all that apply):	Calculation Method	Area (ft ²)	Calculation Method	Area (ft ²)
☐ New Lighting System	Area Category Minimum	5%	Area Category Minimum	0
☐ New Lighting System - Parking Garage				
Total Area of Work (ft ²)	576		0	

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report version: 2022-6-000 Schema Version: rev 20230101	Generated Date/Time: 2024-07-25 16:18:50 Compliance ID: EnergyPro-8065-0724-0366 Report Generated: 2024-07-25 16:18:50
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STATE OF CALIFORNIA		CALIFORNIA ENERGY COMMISSION	
Indoor Lighting			
CERTIFICATE OF COMPLIANCE		NRCE-4714	
Project Name:	Sumner Park Improvements	Report Page:	(Page 2 of 2)
		Date Prepared:	7/25/2014

COMPLIANCE RESULTS									
If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Condition" refer to Table D for guidance.									
Lighting in conditioned and unconditioned spaces must not be combined for compliance per 140.6(b) / 170.2(c)	Allowed Lighting Power per 140.6(b) / 170.2(e) (Watts)					Adjusted Lighting Power per 140.6(a) / 170.2(e) (Watts)			Compliance Results
	01	02	03	04	05	06	07	08	
	Area Category				Total Allowed (Watts)	Total Designed (Watts)	Total Adjusted (Watts)	Total Adjusted (Watts) + Penalty Adjustments	
	Complete Building 140.6(c1)	Area Category Additional 140.6(c2) / 170.2(e4)	Tailored 140.6(c3) / 170.2(e4b) (+)	09					
Unconditioned	See Table B	See Table B	See Table B	See Table B	231	384	384	COMPLIES	
Conditioned	230.5				2			COMPLIES	
Controls Compliance (See Table H for Details) Mated Power Reduction Compliance (See Table C for Details)									COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS	
<i>This space includes remarks made by the permit applicant to the Authority having jurisdiction</i>	

CA Building Energy Efficiency Standards: 2022 Nonresidential Compliance	Report Version: 2022.0.000 Schema Version: rev 20240103	Compliance ID: EnergyPro-B069-0724-0166 Report Generated: 2024-07-25 16:18:50
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STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE NREL-471-1

Project Name: Rainford Park Improvements	Report Page:	(Page 3 of 7)
	Date Prepared:	7/25/2024

F. INDOOR LIGHTING FIXTURE SCHEDULE

This table includes all planned permanent and portable lighting other than dwelling unit/ hotel/ motel room lighting. Multifamily dwelling unit and hotel/ motel/ room lighting is documented in Table T if using Table T to document lighting in multifamily common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are

Design/ Wattage: Conditioned Spaces									
01	02	03	04	05	06	07	08	09	10
Name of Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change?	Watts per Luminaire ¹	How is Wattage determined	Total Number of luminaires	Excluded per 140.603 / 170.202(c)	Design Watts	Field Inspector Pass Fail
AA1	AA1	No	NA	46	MR Type	4	NO	184	☒ ☐
Total Design Watts:							Conditioned Spaces:	154	

FOOTNOTE: Design Watts for small aperture or color changing luminaires which qualify per 242.004(b) / 270.212(c) is adjusted to be 75% (30% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column G3.
*Authority having jurisdiction may ask for luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp

G. MODULAR LIGHTING SYSTEMS This section does not apply to this project.	
--	--

H. INDOOR LIGHTING CONTROLS (Not including PAFs) <i>This table includes lighting controls for conditioned and unconditioned spaces.</i>
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Building Level Controls		
01	02	03
Mandatory Demand Response 110.12(c)	Shut-off controls 130.11(c) / 160.5(b)(4C)	Field Inspector
Required ≥ 1.000W/sqft subject to multi-tier	Whole Building Auto Time Switch	Pass Fail

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance	Report Version: 2022.0.000 Schema Version: 2022.03.01	Compliance ID: EnePro-B069-0724-0366 Report Generated: 2024-07-25 16:18:50
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F. INDOOR LIGHTING FIXTURE SCHEDULE

This table includes all planned permanent and portable lighting other than dwelling unit/hotel/motel room lighting. Multi-family dwelling unit and hotel/motel room lighting is documented in Table 1. If using Table 1 to document lighting in multi-family common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are not included here.

[illegible][illegible]

*FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per 342.6(b)(4) & 172.2(e)(2) is adjusted to be 75% (80% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column G5.
 †Authority Having Jurisdiction may ask for luminaire cut sheets to confirm wattage used for compliance per 330.0(c) / 160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.

G. MODULAR LIGHTING SYSTEMS
<i>This section does not apply to this project.</i>

H. INDOOR LIGHTING CONTROLS (Not including PAFs) <i>This table includes lighting controls for conditioned and unconditioned spaces.</i>	
---	--

Building Level Controls		
01	02	03
Mandatory Demand Response 110.12(c)	Shut-off controls 130.11(c) / 160.5(b)(4C)	Field Inspection Date: EUI:

Required $\geq 4,000W$ subject to multi-level	Whole Building Auto Time Switch	☐	☐
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CA Business Energy Efficiency Standards - 2023 Nonresidential Compliance Report Version: 2023.0.000	Generated Date/Time: Documentation Software: EnergyPlus
Compliance ID: EnergyPlus 806/4.0722-0166	

Report Generated: 2024-07-25 16:18:50



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DATE: 2/21/25	FILE NO: 251228AGE	DES: PLE	CHKD: PLE
JOB NO: 2912	SHEET NO:	DRAW: UNVY	
E8.1 OF 46			