

PLEASANT VALLEY RECREATION AND PARK DISTRICT

**CONTRACT DOCUMENTS
SPECIFICATIONS AND STANDARD DRAWINGS**

MIRACLE LEAGUE FIELD PROJECT

FISCAL YEAR 2022-2023

SPEC NO. ML-1



BID OPENING: January 4, 2023, AT 10:00 a.m.

1605 E. Burnley Street
Camarillo, CA 93010

Phone: (805) 482-1996 / Fax: (805) 482-3468

PLEASANT VALLEY RECREATION & PARK DISTRICT
CALIFORNIA

CONTRACT DOCUMENTS,
SPECIFICATIONS AND STANDARD DRAWINGS

FOR THE

MIRACLE LEAGUE FIELD PROJECT

SPEC NO. ML-1

FISCAL YEAR 2022-2023

IN THE CITY OF CAMARILLO, CALIFORNIA

Approved by:

Bob Cerasuolo

Park Services Manager

Date

PLEASANT VALLEY RECREATION & PARK DISTRICT
MIRACLE LEAGUE FIELD PROJECT

SPEC NO. ML-1

FISCAL YEAR 2022-2023

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**PLEASANT VALLEY RECREATION & PARK DISTRICT
NOTICE INVITING SEALED BIDS**

FOR THE

**MIRACLE LEAGUE FIELD PROJECT
SPEC NO. ML-1**

PUBLIC NOTICE IS HEREBY GIVEN THAT:

Sealed bids will be received at the Office of the District, 1605 E. Burnley Street Camarillo, CA 93010, up to the hour of **10:00 A.M. Wednesday, January 4, 2023**, at which time they will be publicly opened and read aloud in the Conference Room of the District offices located at 1605 E Burnley St, **Camarillo, California**, for performing the following work:

**MIRACLE LEAGUE FIELD PROJECT
SPEC NO. ML-1**

All in accordance with the plans, specifications, and other contract documents on file in the Parks Department of the Pleasant Valley Recreation & Park District.

The words "**MIRACLE LEAGUE FIELD PROJECT, SPEC NO. ML-1**" shall appear on the envelope of each sealed bid, and each sealed envelope shall be addressed to the Park Services Manager, 1605 E. Burnley Street, Camarillo, CA 93010.

MANDATORY INFORMATIONAL PRE-BID MEETING. There will be a Mandatory Informational Pre-Bid meeting Tuesday, **November 29, 2022, at 9:00 A.M., at the job site located at 482 Skyway Drive Rd, Camarillo, CA 93010.**

DESCRIPTION OF WORK: The work to be done consists of furnishing all materials, equipment, tools, labor, and incidentals as required in the Plans, Specifications and Contract documents for said Miracle League Field. The work will take place at 482 Skyway Drive Camarillo, California, and other related work as described in the Specifications and Contract Documents, by reference, made a part hereof. **This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.**

THE ENGINEER'S ESTIMATE FOR THIS PROJECT IS: \$1,094,172.

COMPLETION OF WORK: All work to be done under this contract shall be completed within **Two Hundred and Sixteen (216) consecutive working days, exclusive of maintenance periods**, beginning on the date stipulated in the written "Notice to Proceed" to be issued by the Engineer.

LIQUIDATED DAMAGES: Liquidated damages of \$250/day will apply to this project. See Special Provisions for detailed information on liquidated damages.

OBTAINING CONTRACT DOCUMENTS: Plans, Specifications, and contract documents may be obtained on the District's website at: <http://www.pvrpd.org/about> us RFP. Paper copies are also available in Parks Department, 1605 E. Burnley Street Camarillo, CA 93010, (805) 482-1996, upon payment of a \$30.00 non-refundable fee if picked up, or payment of a \$50.00 non-refundable fee, if mailed. If a FedEx number is provided or alternative shipping fees are paid, the District will send the documents for the pickup price.

STATE LABOR STANDARDS & WAGE REQUIREMENTS: In entering into a public works contract, or a subcontract, to supply goods, services, or materials pursuant to a public works contract, the Contractor and all subcontractors agree to follow the State Labor standards. State Labor standards provisions, including prevailing wage requirements, will be enforced such that the general rate of per diem wages (prevailing wage) shall be paid for each craft, classification, or type of worker needed to execute the contract to all workers employed in the execution of the contract. All contractors and subcontractors must furnish electronic certified payroll records directly to the Labor Commissioner (aka Division of Labor Standards Enforcement) as further described in Article IX of the Agreement. The State General Prevailing Wage Determination is as established by the California Department of Industrial Relations (available at <http://www.dir.ca.gov/DLSR/PWD/index.htm>). The prevailing rate of per diem wages are on file at the Pleasant Valley Recreation & Park District, Department of Parks, 1605 E. Burnley Street, Camarillo, CA 93010, and are available to any interested party on request.

AWARD OF CONTRACT: Each contractor and subcontractor listed on the bid must be registered with the Department of Industrial Relations pursuant to Labor Code Section 1725.5, subject to the limited exceptions set forth in Labor Code Section 1771.1(a) (regarding the submission of a bid as authorized by Business & Professions Code Section 7029.1 or Public Contract Code Section 10164 or 20103.5, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded).

SUBCONTRACTOR'S LIST: Bidder understands that if he or she fails to specify a subcontractor for any portion of the work to be performed under the contract, he or she shall be deemed to have agreed to perform such portion himself and that he or she shall not be permitted to sublet or subcontract that portion of the work except in cases of public emergency or necessity. In compliance with the provisions of Section 4100 through 4107 of the Public Contract Code of the State of the California and any amendments thereto, the undersigned bidder has set forth on the form provided therefor, the name and location of the place of business of each subcontractor who will perform work or labor or render services to the prime contractor, in or about the construction of or improvements to be performed, under the contract documents to which the attached bid is responsive including special fabrication and installation,, and the portion of the work which will be done by each subcontractor for each subcontract in excess of one-half of one percent (1/2%) of this total bid or, in the case of bids for the construction of street and highways, including bridges, in excess of one-half of one percent (1/2%) of this total bid \$10,000.00, whichever is greater. Additionally, once a subcontractor has been listed in the bid, another subcontractor may not be substituted unless the appropriate statutory procedure is followed and the District consents to the substitution.

BID GUARANTY: Bids must be accompanied by cash, or by cashier's or certified check made payable to the Pleasant Valley Recreation & Park District, or by a **bid bond** executed by an admitted surety insurer on the bond form provided herein, in the amount of **ten percent (10%)** of the amount of bid price, made payable to the Pleasant Valley Recreation & Park District as a guarantee that the bidder, whose bid is accepted, will promptly execute the contract, secure payment of workers' compensation insurance, and furnish a satisfactory **faithful performance bond** in the amount of **one hundred percent (100%)** of the total bid price and a **payment bond** (labor and material bond) in the amount of **one hundred percent (100%)** of the total bid price which complies with all of the requirements of Civil Code Section 9554.

RETENTION: The District will deduct a five percent (5%) retention from all progress payments as specified in Section 9-3.2 of the Standard Specifications for Public Works Construction. The District in accordance with Public Contract Code Sect. 22300 shall permit the substitution of securities for any moneys withheld by a public agency to ensure performance under a contract. The District hereby incorporates herein all of the provisions set forth in Public Contract Code Sect. 22300.

CONTRACTOR'S LICENSE: At the time of "Award of the Contract", the Prime Contractor must have a valid California State Contractor's License with a classification of "A" in accordance with provisions of California Business and Professions Code Sections 7000 through 7145 and the contractor shall warrant that it and all subcontractors are properly licensed, which includes each entity having a local business license.

DISTRICT'S RIGHTS RESERVED: The District reserves the right to reject any and all bids or to waive any irregularities or informalities in any bids or in the bidding, should it deem this necessary for the public good, and also the bid of the bidder who has been delinquent or unfaithful in any former contract with the Pleasant Valley Recreation & Park District. No bidder may withdraw his or her bid for a period of **sixty (60) days** after the date from the opening thereof.

N/A BID REGISTRATION: Only registered plan holders will be permitted to submit a bid for the project. To register to bid on this project, email the _____, _____, at _____, 72 hours prior to bids being due with the following information: Name of company, company address, name of contact, phone number, fax number, and contact's email address. The subject line of the email must state: **BID REGISTRATION FOR _____ PROJECT, SPEC NO. ML-1 _____.**

BID QUESTIONS: All bid questions shall be submitted by email to _____, _____ at _____ for the benefit of all proposed bidders. The questions shall be submitted no later than 72 hours in advance of bid date for a response.

BID RESULTS: Bid results shall also be available on the Pleasant Valley Recreation & Park District's website (<http://www.pvrpd.org/>) within 24 hours after bid opening.

TIMELINE

1. Request for Proposal Released	November 3, 2022	
2. Notice to Bid goes in Paper	November 7, 2022	
3. Job Walk	November 29, 2022	9:00 a.m.
4. Questions in by	December 20, 2022	10:00 a.m.
5. Proposals are Due and must be Received by	January 4, 2023	10:00 a.m.
6. Contract Award	February 1, 2023	
7. Start Job	February 27, 2023	
8. Completion of Project	September 30, 2023	

INSTRUCTIONS TO BIDDERS

N/A BID REGISTRATION: Only registered plan holders will be permitted to submit a bid for the project. To register to bid on this project, email _____, _____, at _____ at least 72 hours prior to bids being due with the following information: Name of company, company address, name of contact, phone number, fax number, and contact's email address. The subject line of the email must state: **BID REGISTRATION FOR _____ PROJECT, SPEC NO. ML-1 _____.**

BID FORM: All bids shall be submitted on the Bid Forms provided herein for the **Miracle League Field PROJECT, SPEC NO. ML-1**. All information requested therein must be clearly and legibly set forth in the manner and form indicated. The District will not consider any bid not meeting these requirements.

DELIVERY OF BIDS: The bids shall be delivered by the time and to the place stipulated in the "Notice Inviting Sealed Bids." It is the bidder's sole responsibility to see that his or her bid is received in proper time. Any bid received after the scheduled closing time for receipt of bids will be returned to the bidder unopened. Bidders or their authorized agents are invited to be present at bid opening.

MODIFICATIONS AND ALTERNATIVE BIDS: Unauthorized conditions, limitations, or provisos attached to a bid will render it unresponsive and may cause its rejection. The complete bid forms shall be without alterations or erasures, unless each such correction is suitably authenticated by affixing in the margin immediately opposite the correction the surname or surnames of the person or persons signing the bid. Alternative bids will not be considered unless called for. No oral, telegraphic, or telephonic bid or modifications will be considered.

WITHDRAWAL OF BID: The bid may be withdrawn upon request by the bidder without prejudice to himself prior to, but not after the time fixed for opening of bids, provided that the request is in writing, has been executed by the bidder or his or her duly authorized representative, and is filed with the Clerk of the Board. **No bid may be withdrawn during the period of sixty (60) days after the opening of bids.**

BID GUARANTY: Each bid shall be accompanied by cash, or a cashier's or certified check, or by a bid bond in the amount of **ten percent (10%)** of the amount named in the bid. Said check or bond shall be made payable to the District and shall be given as a guarantee that the bidder, if awarded the work, will enter into a contract within fifteen (15) days after written notice of the award and will furnish the necessary bonds as hereinafter provided. In case of refusal or failure to enter into said contract, the check or bond, as the case may be, shall be forfeited to the District. No bidder's bond will be accepted unless it conforms substantially to the form furnished by the District, which is bound herein, and is properly filled out and executed.

DISCREPANCIES IN BIDS: In case of discrepancy between numeric and handwritten amounts, the handwritten amount shall prevail. In case of discrepancy between the unit cost and the total set forth for that item, the unit cost shall prevail, provided however, if the amount set forth as a unit cost is ambiguous, unintelligible, or uncertain for any cause, or if is omitted, or in the case of

unit basis items, is the same amount as the entry in the "Total Item Amount" column, then the amount set forth in the "Total Item Amount" column for the item shall prevail in accordance with the following:

- (1) As to lump sum items, the amount set forth in the "Total Item Amount" column shall be the item price.
- (2) As to unit basis items, the amount set forth in the "Total Item Amount" column shall be divided by the estimated quantity for the item and the price thus obtained shall be the unit costs.

If the "Total Contract Amount" does not equal the sum of the item totals, then the Engineer, after resolving any discrepancy in the item price totals, shall sum the total column and the resultant amount shall be considered the "Total Contract Amount".

COMPETENCY OF BIDDERS: In selecting the lowest responsible bidder, consideration will be given not only to the financial standing but also to the general competency of the bidder for the performance of the work covered by the plans and specifications. To this end, each bid shall be supported by a statement of the bidder's experience on the form entitled "**Information Required of Bidder**" bound herein. No bid will be awarded to a Contractor who, at the time of the bid opening and "Award of the Contract", is not licensed in accordance with the laws of the State of California under applicable provisions of the Business and Professions Code or from a Contractor who has failed to demonstrate the attributes of trustworthiness, quality, fitness, capacity and experience to satisfactorily perform the public works contract. The Contractor shall include the Contractor's license number, license classification, and license expiration date on the form furnished herein entitled "Information Required of Bidders." The licensing requirements for Contractors shall apply also to Subcontractors. In addition, any contractor or subcontractor who is ineligible under [Lab C §§1777.1](#) and [1777.7](#) is prohibited from working on this Project.

SUBCONTRACTOR'S LIST: Bidder understands that if he or she fails to specify a subcontractor for any portion of the work to be performed under the contract, he or she shall be deemed to have agreed to perform such portion himself and that he or she shall not be permitted to sublet or subcontract that portion of the work except in cases of public emergency or necessity. In compliance with the provisions of Section 4100 through 4107 of the Public Contract Code of the State of the California and any amendments thereto, the undersigned bidder has set forth on the form provided therefor, the name and location of the place of business of each subcontractor who will perform work or labor or render services to the prime contractor, in or about the construction of or improvements to be performed, under the contract documents to which the attached bid is responsive including special fabrication and installation,, and the portion of the work which will be done by each subcontractor for each subcontract in excess of one-half of one percent (1/2%) of this total bid or, in the case of bids for the construction of street and highways, including bridges, in excess of one-half of one percent (1/2%) of this total bid \$10,000.00, whichever is greater. Additionally, once a subcontractor has been listed in the bid, another subcontractor may not be substituted unless the appropriate statutory procedure is followed and the District consents to the substitution.

BIDDER'S EXAMINATION OF SITE: Each bidder shall examine carefully the site of the proposed work and the contract documents herein. It will be assumed that the bidder has investigated and is satisfied as to the conditions to be encountered; as to the character, quality, and quantity of the materials to be furnished; and as to the requirements of the contract, specifications, and drawings. The name of the individual who examined the site of the work and the date of such examination shall be stated in the form entitled "Information Required of Bidder" in the space provided therefor.

EQUIVALENT MATERIALS: Approval of equipment and materials offered as equivalents to those specified must be obtained in writing from the District. Requests for consideration of equivalents must be submitted in writing allowing five (5) working days for complete consideration of all specifications, samples, references, tests, and other details to the full satisfaction of the District.

TAXES: No mention shall be made in the bid of Sales Tax, Use Tax, or any other tax, as all amounts bid will be deemed and held to include any such taxes that may be applicable.

DISQUALIFICATION OF BIDDERS: More than one bid from an individual, firm partnership, corporation, or association under the same or different names will not be considered. Reasonable grounds for believing that any bidder is interested in more than one bid for the work contemplated will cause the rejection of all bids in which such bidder is interested. If there is reason for believing that collusion exists among the bidders, all bids will be rejected and none of the participants in such collusion will be considered in future bids. Similarly, failure to comply with the registration requirements of Labor Code Section 1725.5, as further described in the Notice Inviting Bidders, will disqualify a Bidder.

RETURN OF BID GUARANTIES: Within **ten (10) days** after award of the contract, the District will return the bid guaranties made by check accompanying each of the bids except for the three (3) lowest bidders. All other bid guaranties made by check will be held until the contract has been finally executed. They will then be returned to the respective bidders whose bids they accompany. Bid guaranties made by bond shall be void according to the bid bond language, page D-1.

AWARD OF CONTRACT: Bids will be compared on the basis of the lowest possible cost and the contract, if awarded, will be awarded to a responsible bidder whose bid complies with the requirements of these specifications. The award, if made, will be made within **sixty (60) days** after the opening of the bids, provided that the award may be made after said period if the successful bidder shall not have given the District written notice of the withdrawal of his or her bid.

EXECUTION OF CONTRACT: The bidder to whom award is made shall execute a written contract with the District on the form agreement provided, and shall secure all insurance and bonds as herein provided within **fifteen (15) days** from the date of written notice of the award. Failure or refusal to enter into a contract as herein provided, or to conform to any of the stipulated requirements in connection therewith shall be just cause for the annulment of the award and the forfeiture of the bid guaranty.

If the successful bidder refuses or fails to execute the contract, the District may award the contract to the second lowest responsible bidder. If the second lowest responsible bidder refuses or fails to execute the contract, the District may award the contract to the third lowest responsible bidder. On the failure or refusal of such second or third lowest bidder to execute the contract, such bidder's guaranty shall be likewise forfeited to the District. The work may then be re-advertised.

INSURANCE: Certificates in the amounts required shall be furnished by the Contractor to the District and approved by the District prior to the commencement of work.

The Contractor and its subcontractors shall maintain insurance in conformance with the requirements set forth below. Contractor will use existing coverage to comply with these requirements. If that existing coverage does not meet the requirements set forth herein, Contractor agrees to amend, supplement, or endorse the existing coverage to do so.

Contractor acknowledges that the insurance coverage and policy limits set forth in this section constitute the minimum amount of coverage required. Any insurance proceeds available to Contractor or its subcontractors in excess of the limits and coverage identified in this Agreement and which is applicable to a given loss, claim or demand, will be equally available to District.

Contractor shall provide the following types and amounts of insurance:

Without limiting Contractor's indemnification of District, and prior to commencement of Work, Contractor shall obtain, provide and maintain at its own expense during the term of this Agreement, policies of insurance of the type and amounts described below and in a form satisfactory to District:

General liability insurance. Contractor shall maintain commercial general liability insurance with coverage at least as broad as Insurance Services Office form CG 00 01, in an amount not less than \$1,000,000 per occurrence, \$2,000,000 general aggregate, for bodily injury, personal injury, and property damage, and a \$2,000,000 completed operations aggregate. The policy must include contractual liability that has not been amended. Any endorsement restricting standard ISO "insured contract" language will not be accepted.

Automobile liability insurance. Contractor shall maintain automobile insurance at least as broad as Insurance Services Office form CA 00 01 covering bodily injury and property damage for all activities of the Contractor arising out of or in connection with Work to be performed under this Agreement, including coverage for any owned, hired, non-owned or rented vehicles, in an amount not less than \$1,000,000 combined single limit for each accident.

Umbrella or excess liability insurance. Contractor shall obtain and maintain an umbrella or excess liability insurance that will provide bodily injury, personal injury and property damage liability coverage at least as broad as the primary coverages set forth above, including commercial general liability and employer's liability. Such policy or policies shall include the following terms and conditions:

- A drop-down feature requiring the policy to respond in the event that any primary insurance that would otherwise have applied proves to be uncollectable in whole or in part for any reason;
- Pay on behalf of wording as opposed to reimbursement;
- Concurrency of effective dates with primary policies;
- Policies shall “follow form” to the underlying primary policies; and
- Insureds under primary policies shall also be insureds under the umbrella or excess policies.

Workers’ compensation insurance. Contractor shall maintain Workers’ Compensation Insurance (Statutory Limits) and Employer’s Liability Insurance (with limits of at least \$1,000,000) for Contractor’s employees in accordance with the laws of the State of California, Section 3700 of the Labor Code. In addition, Contractor shall require each subcontractor to similarly maintain Workers’ Compensation Insurance and Employer’s Liability Insurance in accordance with the laws of the State of California, Section 3700 for all of the subcontractor’s employees.

Contractor shall submit to District, along with the certificate of insurance, a Waiver of Subrogation endorsement in favor of District, its officers, agents, employees and volunteers.

Pollution liability insurance. Environmental Impairment Liability Insurance shall be written on a Contractor’s Pollution Liability form or other form acceptable to District providing coverage for liability arising out of sudden, accidental and gradual pollution and remediation. The policy limit shall be no less than \$1,000,000 dollars per claim and in the aggregate. All activities contemplated in this Agreement shall be specifically scheduled on the policy as “covered operations.” The policy shall provide coverage for the hauling of waste from the project site to the final disposal location, including non-owned disposal sites.

Products/completed operations coverage shall extend a minimum of three (3) years after project completion. Coverage shall be included on behalf of the insured for covered claims arising out of the actions of independent contractors. If the insured is using subcontractors, the Policy must include work performed “by or on behalf” of the insured. Policy shall contain no language that would invalidate or remove the insurer’s duty to defend or indemnify for claims or suits expressly excluded from coverage. Policy shall specifically provide for a duty to defend on the part of the insurer. The District, its officials, officers, agents, and employees, shall be included as insureds under the policy.

Builder’s risk insurance. Upon commencement of construction and with approval of District, Contractor shall obtain and maintain builder’s risk insurance for the entire duration of the project until only the District has an insurable interest. The Builder’s Risk coverage shall include the coverages as specified below.

The named insureds shall be Contractor and District, including its officers, officials, employees, and agents. All subcontractors (excluding those solely responsible for design Work) of any tier and suppliers shall be included as additional insureds as their interests may appear. Contractor shall not be required to maintain property insurance for any portion of the project following transfer of control thereof to District. The policy shall contain a provision that all proceeds from the builder's risk policy shall be made payable to the District. The District will act as a fiduciary for all other interests in the project.

The policy shall be provided for replacement value on an "all risk" basis for the completed value of the project. There shall be no coinsurance penalty or provisional limit provision in any such policy. The policy must include: (1) coverage for any ensuing loss from faulty workmanship, Nonconforming Work, omission or deficiency in design or specifications; (2) coverage against machinery accidents and operational testing; (3) coverage for removal of debris, and insuring the buildings, structures, machinery, equipment, materials, facilities, fixtures and all other properties constituting a part of the project; (4) Ordinance or law coverage for contingent rebuilding, demolition, and increased costs of construction; (5) transit coverage (unless insured by the supplier or receiving contractor), with sub-limits sufficient to insure the full replacement value of any key equipment item; (6) Ocean marine cargo coverage insuring any project materials or supplies, if applicable; (7) coverage with sub-limits sufficient to insure the full replacement value of any property or equipment stored either on or off the Site or any staging area. Such insurance shall be on a form acceptable to District to ensure adequacy of terms and sublimits and shall be submitted to the District prior to commencement of construction.

Other provisions or requirements

Proof of insurance. Contractor shall provide certificates of insurance to District as evidence of the insurance coverage required herein, along with a waiver of subrogation endorsement for workers' compensation. Insurance certificates and endorsements must be approved by District's risk manager prior to commencement of performance. Current certification of insurance shall be kept on file with District at all times during the term of this contract. District reserves the right to require complete, certified copies of all required insurance policies, at any time.

Duration of coverage. Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the Work hereunder by Contractor, his agents, representatives, employees or subcontractors. Contractor must maintain general liability and umbrella or excess liability insurance for as long as there is a statutory exposure to completed operations claims. District and its officers, officials, employees, and agents shall continue as additional insureds under such policies.

Primary/noncontributing. Coverage provided by Contractor shall be primary and any insurance or self-insurance procured or maintained by District shall not be required to contribute with it. The limits of insurance required herein may be satisfied by a combination of primary and umbrella or excess insurance. Any umbrella or excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and non-contributory basis for the

benefit of District before the District's own insurance or self-insurance shall be called upon to protect it as a named insured.

District's rights of enforcement. In the event any policy of insurance required under this Agreement does not comply with these requirements or is canceled and not replaced, District has the right but not the duty to obtain the insurance it deems necessary and any premium paid by District will be promptly reimbursed by Contractor or District will withhold amounts sufficient to pay premium from Contractor payments. In the alternative, District may cancel this Agreement.

Acceptable insurers. All insurance policies shall be issued by an insurance company currently authorized by the Insurance Commissioner to transact business of insurance or is on the List of Approved Surplus Line Insurers in the State of California, with an assigned policyholders' Rating of A- (or higher) and Financial Size Category Class VII (or larger) in accordance with the latest edition of Best's Key Rating Guide, unless otherwise approved by the District's risk manager.

Waiver of subrogation. All insurance coverage maintained or procured pursuant to this agreement shall be endorsed to waive subrogation against District, its elected or appointed officers, agents, officials, employees and volunteers or shall specifically allow Contractor or others providing insurance evidence in compliance with these specifications to waive their right of recovery prior to a loss. Contractor hereby waives its own right of recovery against District, and shall require similar written express waivers and insurance clauses from each of its subconsultants.

Enforcement of contract provisions (non estoppel). Contractor acknowledges and agrees that any actual or alleged failure on the part of the District to inform Contractor of non-compliance with any requirement imposes no additional obligations on the District nor does it waive any rights hereunder.

Requirements not limiting. Requirements of specific coverage features or limits contained in this Section are not intended as a limitation on coverage, limits or other requirements, or a waiver of any coverage normally provided by any insurance. Specific reference to a given coverage feature is for purposes of clarification only as it pertains to a given issue and is not intended by any party or insured to be all inclusive, or to the exclusion of other coverage, or a waiver of any type. If the Contractor maintains higher limits than the minimums shown above, the District requires and shall be entitled to coverage for the higher limits maintained by the. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the District.

Notice of cancellation. Contractor agrees to oblige its insurance agent or broker and insurers to provide to District with a thirty (30) day notice of cancellation (except for nonpayment for which a ten (10) day notice is required) or nonrenewal of coverage for each required coverage.

Additional insured status. General liability policies shall provide or be endorsed to provide that District and its officers, officials, employees, agents, and volunteers shall be additional insureds under such policies. This provision shall also apply to any excess/umbrella liability policies.

Prohibition of undisclosed coverage limitations. None of the coverages required herein will be in compliance with these requirements if they include any limiting endorsement of any kind that has not been first submitted to District and approved of in writing.

Separation of insureds. A severability of interests provision must apply for all additional insureds ensuring that Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the insurer's limits of liability. The policy(ies) shall not contain any cross-liability exclusions.

Pass through clause. Contractor agrees to ensure that its subconsultants, subcontractors, and any other party involved with the project who is brought onto or involved in the project by Contractor, provide the same minimum insurance coverage and endorsements required of Contractor. Contractor agrees to monitor and review all such coverage and assumes all responsibility for ensuring that such coverage is provided in conformity with the requirements of this section. Contractor agrees that upon request, all agreements with consultants, subcontractors, and others engaged in the project will be submitted to District for review.

Agency's right to revise requirements. The District reserves the right at any time during the term of the contract to change the amounts and types of insurance required by giving the Contractor a ninety (90) day advance written notice of such change. If such change results in substantial additional cost to the Contractor, the District and Contractor may renegotiate Contractor's compensation.

Self-insured retentions. Any self-insured retentions must be declared to and approved by District. District reserves the right to require that self-insured retentions be eliminated, lowered, or replaced by a deductible. Self-insurance will not be considered to comply with these specifications unless approved by District.

Timely notice of claims. Contractor shall give District prompt and timely notice of claims made or suits instituted that arise out of or result from Contractor's performance under this Agreement, and that involve or may involve coverage under any of the required liability policies.

Additional insurance. Contractor shall also procure and maintain, at its own cost and expense, any additional kinds of insurance, which in its own judgment may be necessary for its proper protection and prosecution of the Work.

BONDS: The required bonds in the amounts required shall be furnished by the Contractor to the District and approved by the District prior to the commencement and throughout the duration of the work.

The Contractor shall secure with a responsible corporate surety or corporate sureties, satisfactory bonds conditioned upon faithful performance by the Contractor, of all requirements under the contract and upon the payment of claims of material supplier and laborers thereunder. The **Faithful Performance Bond** shall be in the sum of not less than **one hundred percent (100%)** of the estimated aggregate amount of the payments to be made under the contract computed on the basis of the prices stated in the bid. The **Payment Bond** (Labor and Material Bond) shall be in

the sum of not less than **one hundred percent (100%)** of the estimated aggregate amount of the payments to be made under the contract computed on the basis of the prices stated in the bid.

The payment bond shall contain the original notarized signature of an authorized officer of the surety and affixed thereto shall be a certified and current copy of his power of attorney. **The payment bond shall be unconditional and remain in force during the entire term of the contract** agreement and shall be null and void only if the Contractor completely and faithfully pays all subcontractors and suppliers

SUFFICIENCY OF INSURER OR SURETY FOR PAYMENT BOND AND PERFORMANCE BOND: All insurers are to be rated A or better according to the most recent Best Rating Guide or The Key Rating Guide, and only if they are of a financial category Class VII or better, unless such requirements are waived by the Risk Manager of the District due to unique circumstances. All sureties shall be admitted surety insurers authorized to do business in the State of California by the Insurance Commissioner. Should the District object to the sufficiency of the insurer or surety the Contractor shall immediately deliver to the District the following documents:

- (a) A copy of the “Certificate of Authority” of the Insurer or Surety issued by the Insurance Commissioner, which authorizes the Insurer or Surety to transact surety insurance in the State of California; or
- (b) A certificate from the Clerk of the County of Ventura that the “Certificate of Authority” of the Insurer or Surety has not been surrendered, revoked, canceled, annulled, or suspended or, in the event the “Certificate of Authority” of the Insurer or Surety has been suspended, that renewed authority has been granted.

Failure of Contractor to timely deliver these documents shall require the District to refrain from entering the agreement, as Contractor will be deemed to have failed to ensure the sufficiency of the Insurer or Surety to the satisfaction of the District, as required by the provisions of the Bond and Undertaking Law, Code of Civil Procedure 995.660. Upon receipt of any bonds, District shall contact the bond company to verify the bond’s validity.

EVIDENCE OF RESPONSIBILITY: Upon the request of the District, a bidder whose bid is under consideration for the award of the contract shall submit promptly to the District satisfactory evidence showing the bidder's financial resources, his or her construction experience, and his or her organization and plant facilities available for the performance of the contract.

EMPLOYMENT OF APPRENTICES: Attention is directed to the provisions in Sections 1777.5 and 1777.6 of the California Labor Code concerning employment of apprentices by the Contractor, or any Subcontractor under the Contractor. The Contractor, and any Subcontractor under the Contractor, shall comply with the requirements of said sections in the employment of apprentices; however, the Contractor shall have full responsibility for compliance with said Labor Code sections for all apprenticeable occupations, regardless of any other contractual or employment relationships alleged to exist.

WAGE RATES: In entering into a public works contract, or a subcontract, to supply goods services, or materials pursuant to a public works contract, the Contractor, or subcontractor, offers and agrees to follow the State Labor standards. State Labor standards provisions, including prevailing wage requirements, will be enforced. The State General Prevailing Wage Determination is as established by the California Department of Industrial Relations (available at <http://www.dir.ca.gov/DLSR/PWD/index.htm>). The general rate of per diem wages (prevailing wage) shall be paid for each craft, classification, or type of worker needed to execute the contract to all workers employed in the execution of the contract. The prevailing rate of per diem wages are on file at the Pleasant Valley Recreation & Park District, Department of Parks, 1605 E. Burnley Street, Camarillo, CA 93010, and are available to any interested party on request.

SAFETY PERMIT: The Contractor, and not the District, shall be responsible for performing safety inspections for this project. Particular attention is called to Subsection 7-10.4.1 of the Standard Specifications for Public Works Construction, which requires orders issued by the California Division of Occupational Health and Safety (Cal/OSHA). The Contractor, if needed, shall secure a permit for excavation and trenching from Cal/OSHA and shall file a copy of such permit with the Engineer prior to commencement of work.

OTHER PERMITS, FEES, AND LICENSES: The Contractor shall, prior to the start of construction, obtain a "CONSTRUCTION PERMIT" from the **CITY OF CAMARILLO for the PURPOSE of the MIRACLE LEAGUE FIELD**. In addition, the Contractor, and **ALL** subcontractors, **shall possess a City business license** at the time of application for the Construction Permit and for the duration of the contract. The amount of the business license fee may be obtained from the City of Camarillo.

BID FORM

FIRM NAME: _____

POINT OF CONTACT: _____

ADDRESS: _____

TELEPHONE NUMBER: _____

FAX NUMBER: _____

FOR THE

MIRACLE LEAGUE FIELD PROJECT

SPEC NO. ML-1

FISCAL YEAR 2022-2023

PLEASANT VALLEY RECREATION & PARK DISTRICT

BID FOR THE
MIRACLE LEAGUE FIELD PROJECT

SPEC NO. ML-1

TO THE PLEASANT VALLEY RECREATION & PARK DISTRICT:

This Bid is submitted in accordance with the advertised “Notice Inviting Sealed Bids” to perform all work and improvements therein described, and to furnish all labor and materials, equipment and incident insurance necessary therefor, in accordance with the specifications therefor known as “**MIRACLE LEAGUE FIELD PROJECT, SPEC NO. ML-1**” which are on file in the office of the Parks of the Pleasant Valley Recreation & Park District.

Definition of Terms (for a complete definition of terms, see Standard Specifications for Public Works Construction, 2015 Edition):

CY	Cubic yard
EA	Each
LF	Linear foot
LS	Lump sum
SF	Square foot
SY	Square yard
TON	Ton

The undersigned Bidder hereby proposes and agrees to enter into a contract to perform the work and improvements therein mentioned to the satisfaction of and under the supervision of the Parks of the Pleasant Valley Recreation & Park District, duly appointed for said work in the matter of the construction and installation of “**MIRACLE LEAGUE FIELD PROJECT, SPEC NO. ML-1**”, for the sum set forth in the following schedule:

NOTE: The estimated quantities shown herein are approximate and to be used only for comparison of bids. Payment for quantities will be made for actual materials used on the job and based on the unit costs shown below. The District reserves the right to increase or decrease the amount of any quantity shown and to delete all or any item from the contract.

PLEASANT VALLEY RECREATION & PARK DISTRICT

**MIRACLE LEAGUE FIELD PROJECT
SPEC NO. ML-1**

BID SCHEDULE

BIDDER'S NAME _____

ITEM NO.	DESCRIPTION	PAYMENT REFERENCE	UNIT OF MEASURE	TOTAL
1	Fencing and Protection	01 10 20 – 4.01	LS	\$
2	Existing Conditions and Removal	02 41 10 – 4.01	LS	\$
3	Tree Removal	02 41 20 – 4.01	LS	\$
4	Turfgrass Spraying and Removal	02 41 30 – 4.01	LS	\$
5	Concrete Footings	03 30 10 – 4.01	LS	\$
6	Masonry	04 22 10 – 4.01	LS	\$
7	Site Furnishing	12 93 10 – 4.01	LS	\$
8	Bleachers	12 93 20 – 4.01	LS	\$
9	Electrical	26 05 10 – 4.01	LS	\$
10	Concrete Work	32 13 13 – 4.01	LS	\$
11	Synthetic Turf	32 18 10 – 4.01	LS	\$
12	Chain Link Fence and Gates	32 31 13 – 4.01	LS	\$
13	Chain Link Backstops and High Fencing	32 31 19 – 4.01	LS	\$
14	Irrigation System	32 84 23 – 4.01	LS	\$
15	Landscape Maintenance	32 90 20 – 4.01	LS	\$
16	Lawn Planting	32 93 33 – 4.01	LS	\$
17	Construction Permits			\$1,845.02

BASE BID GRAND TOTAL (Bid Price in Figures) \$ _____

BASE BID GRAND TOTAL (Bid Prices in Words) _____

The grand totals submitted are subject to verification. Grand Total of Lump Sums will be verified and if any discrepancy is found, the verified grand total lump sums will be the basis of award.

BID ALTERNATES

No. 1 – Addition of Miracle League Homer Concrete Sculpture \$ _____

No. 2 – Addition of Foul Poles \$ _____

Signature of Bidder _____

Dated _____

Bidder must fill in number and date of all addenda or enter the word "none" if appropriate.

	No.	Dated
<u>The following Addenda are ACKLOWLEDGED and attached</u>		

I make the above bid and certify or declare under penalty of perjury that the statements made in this bid, and below my signature, are true and correct.

DATED _____ AT _____

COMPANY NAME _____

SIGNATURE _____ TITLE _____
(Sole Owner, Partner, Corporate Officer) *

*Person signing must be listed on records of Contractors State License Board or authorized company signatory.

RESOLUTION OF CONSTRUCTION CLAIMS

(To Be Executed By Bidder and Submitted With Bid)

When a Public Works claim is made to the District, the District will conduct a reasonable review of the claim and, within 45 days, provide the claimant with a written statement identifying what portion of the claim is disputed and what portion is undisputed and both parties shall work to resolve the claim as by Public Contract Code 9204. (A copy of Section 9204 may be found in the Special Provisions, under "Resolution of Construction Claims").

Additionally, in all Public Works claims, which may arise between the Contractor and the District which do not exceed the sum of three hundred seventy-five thousand dollars (\$375,000), the requirements of California Public Contract Code, Section 20104 through 20104.6, inclusive, shall apply. (A copy of said Code Sections may be found in the Special Provisions, under "Resolution of Construction Claims of \$375,000 or Less".) Said Code Sections shall apply for the purpose of filing claims and civil actions for claims as defined in Section 20104 of the Public Contract Code.

The bidder's signature is required to verify he/she has reviewed the Code Sections.

Bidder Name

Signature of Bidder

Dated _____

BID BOND
(10% of the Bid Amount)

KNOW ALL MEN BY THESE PRESENTS that we _____
as Principal, hereinafter referred to as "Contractor" and _____
as Surety, are held and firmly bound unto the Pleasant Valley Recreation & Park District,
hereinafter called the "District," in the sum of _____
_____ Dollars (\$_____), for the
payment of which sum well and truly to be made, we bind ourselves, our heirs, executors,
administrators, and successors, jointly and severally, firmly by these presents. The conditions of
this obligation are such that whereas the Contractor submitted to the District a certain Bid, attached
hereto and hereby made a part hereof, to enter into a contract in writing for the _____

and will furnish all required certificates of insurance and bonds as required by the Contract.

NOW, THEREFORE, if said Bid shall be rejected; or in the alternate, if said Bid is accepted, and the Contractor (i) executes and delivers a contract in the prescribed form of the Agreement, (ii) delivers certificates evidencing that the required insurance is in effect, (iii) executes and delivers Performance and Payment Bonds in the forms prescribed, and (iv) in all other respects performs the agreement created by the acceptance of said Bid, then this obligation shall be void; otherwise this obligation shall remain in full force and effect, it being expressly understood and agreed that the liability of the Surety for any and all default of the Contractor hereunder shall be the amount of this obligation as herein stated. In the event suit is brought upon this bond by District and judgment is recovered, Surety shall pay all costs incurred by District in said suit, including a reasonable attorney's fee to be fixed by the court.

The Surety, for the value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall in no way be impaired or affected by an extension of the time within which the District may accept such a bid; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the above-bound parties have executed this instrument under their several seals this ____ day of _____, 201__, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

ATTEST:

(Contractor)

(Address)

(By)

(Title)

ATTEST:

(Surety)

(Address)

(By)

(Title)

(To be filled in by Surety):

The rate of premium on this bond is \$ _____ per thousand.

The total amount of premium charged is \$ _____

NOTARY PUBLIC ATTACH CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

INFORMATION REQUIRED OF BIDDERS

The bidder is required to supply the following information.

(Additional sheets may be attached if necessary.)

- (1) Address: _____
- (2) Telephone: _____
- (3) Type of Firm: _____
(Individual, Partnership, or Corporation)
- (4) Contractor's State License Classification _____ Expiration date _____
- (5) Corporate organized under the laws of the State of: _____
- (6) Is 51% or more of the business owned by: American Indian (), Asian (), Black (), Hispanic (), Female (), Other (Specify) _____.
- (7) List the names and addresses of all members of the firm, or names and titles of all officers of the corporation.

- (8) Number of years of experience as a Contractor in construction work. _____

(9) List at least five (5) completed Baseball Fields individually or all within a single park complex, or (5) new public park installations greater than 2 acres in size, or (5) park renovation projects greater than 2 acres in size, or a combination of all (3) categories completed in the last 7 years:

Contract Amount	Class of Work	Date Completed	Name, Contact, Address and Telephone No. of Client
\$ _____	_____	_____	_____

Contract Amount	Class of Work	Date Completed	Name, Contact, Address and Telephone No. of Client
\$ _____	_____	_____	_____

(10) List the name of the person who inspected the site of the proposed work for your firm:

Date of Inspection: _____

(11) If requested by the District, the Bidder shall furnish a notarized financial statement, financial data, or other information and reference sufficiently comprehensive to permit an appraisal of Bidder's current financial condition.

(12) List the name and address of all **subcontractors who will perform work** in or about the project and indicate what part of the work will be done by each such Subcontractor.

NAME: _____

ADDRESS: _____

LICENSE NO. & CLASS: _____

WORK TO BE PERFORMED: _____

NAME: _____

ADDRESS: _____

LICENSE NO. & CLASS: _____

WORK TO BE PERFORMED: _____

NAME: _____

ADDRESS: _____

LICENSE NO. & CLASS: _____

WORK TO BE PERFORMED: _____

NAME: _____

ADDRESS: _____

LICENSE NO. & CLASS: _____

WORK TO BE PERFORMED: _____

NAME: _____

ADDRESS: _____

LICENSE NO. & CLASS: _____

WORK TO BE PERFORMED: _____

List the name and address of **Major Equipment Suppliers** who will provide equipment or major components for the project.

NAME: _____
ADDRESS: _____
EQUIPMENT TO BE PROVIDED: _____

NAME: _____
ADDRESS: _____
EQUIPMENT TO BE PROVIDED: _____

NAME: _____
ADDRESS: _____
EQUIPMENT TO BE PROVIDED: _____

NAME: _____
ADDRESS: _____
EQUIPMENT TO BE PROVIDED: _____

NAME: _____
ADDRESS: _____
EQUIPMENT TO BE PROVIDED: _____

(13) The Contractor shall furnish the following information concerning bid depository or registry services used in obtaining subcontractor bid figures for this Bid. Additional sheets may be attached if necessary.

A. Were bid depository or registry services used in obtaining subcontractor bid figures in order to compute your bid? Yes () No ()

B. If the answer to "A." is "Yes," forward a copy of the rules of each bid depository you used in the preparation of this Bid.

C. Did you have any source of subcontractor bids other than bid depositories? Yes () No ()

D. Has any person or group threatened you with subcontractor boycotts, union boycotts, or other sanctions to attempt to convince you to use the services or abide by the rules of one or more bid depositories? Yes () No ()

E. If the answer to “D” is "Yes", please explain the following details:

(a) Date: _____

(b) Name of person or group: _____

(c) Job involved (if applicable): _____

(d) Nature of threats: _____

(e) Additional comments: _____

(TO ACCOMPANY BID)

In accordance with Public Contracting Code Section 10162, the bidder shall complete, under penalty of perjury, the following questionnaire:

QUESTIONNAIRE

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:

Note: This questionnaire constitutes a part of the Bid, and a signature on the Bid shall be constituted a signature on this questionnaire.

CONTRACTOR LICENSE AFFIDAVIT

STATE OF CALIFORNIA)
COUNTY OF _____) ss.

_____, being first duly sworn, deposes
Name

and says that he or she is _____ of _____,
Title Name of Firm

the party making the foregoing bid, is a licensed Contractor, a duly authorized partner of a Joint Venture which holds a license as a Partnership, or a duly authorized principal and/or representative of a Corporation which holds a license as a Corporation, and that he or she understands the information shown below shall be included with the bid, and understands that any bid not containing this information, or if this information is subsequently proven to be false, shall be considered non-responsive and shall be rejected by the Pleasant Valley Recreation & Park District.

Contractor's State License Number and Classification

License Expiration Date

I certify under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Subscribed at: _____
(City and County, State)

on _____, 20_____.

Signature

State License Number and Classification

Street Address City State Zip Code

Telephone Number

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)
) ss.
COUNTY OF _____)

On _____, 20 __, before me, _____, a Notary Public, personally appeared _____, 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 _____

(Seal)

**NONCOLLUSION DECLARATION TO BE EXECUTED
BY
BIDDER AND SUBMITTED WITH BID**

The undersigned declares:

I am the _____ of _____, the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. 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. All statements contained in the bid are true. 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, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on _____ [date], at _____ [city], _____ [state].

AGREEMENT

THIS AGREEMENT, made and entered into by and between the **PLEASANT VALLEY RECREATION & PARK DISTRICT, CALIFORNIA**, hereinafter referred to as the "**District**" and _____ hereinafter referred to as the "**Contractor**".

WITNESSETH: That the parties hereto do mutually agree as follows:

ARTICLE I: For and in consideration of the payments and agreements hereinafter mentioned to be made and performed by said District, said Contractor agrees with said District to construct the work under the District's specification entitled "MIRACLE LEAGUE FILD PROJECT, SPEC NO. ML-1" and to perform and complete in a good and workmanlike manner all the work pertaining thereto shown on the drawings and described in the specifications herein, to furnish at his or her own proper cost and expense all tools, equipment, labor, and materials necessary therefor, except such material and equipment as in said specifications as expressly stipulated to be furnished by said District, and to do everything required by this Agreement and the said specifications and drawings.

ARTICLE II: For furnishing all said materials and labor, furnishing and removing all plant, temporary works or structures, tools and equipment and doing all the work contemplated and embraced in this Agreement, also for all loss and damage arising out of the nature of the work aforesaid, or from the action of the elements, or from any unforeseen difficulties which may arise from or be encountered in the prosecution of the work until its acceptance by said District, and for all risks of every description connected with the work; also for all expenses incurred by or in consequence of the suspension or discontinuance of work, except such as in the said specifications are expressly stipulated to be borne by said District, and for well and faithfully completing the work the whole thereof, in the manner shown and described in said drawings and specifications and in accordance with the requirements of the Engineer, said District will pay and said Contractor shall receive in full compensation therefor the prices named in the Bidding Schedule of the Bid hereto attached.

ARTICLE III: All work to be done under this contract shall be completed within **Two Hundred and Sixteen (216) consecutive working days**, exclusive of maintenance periods, beginning on the date stipulated in the written Notice to Proceed issued by the Engineer. Any changes in time and/or price are to be submitted to the District Engineer, in writing, within 3 days of the occurrence giving rise to the request and shall request a formal decision from the District within 3 days and shall include data supporting the request.

ARTICLE IV: The District hereby promises and agrees with said Contractor to employ, and does hereby employ, said Contractor to provide the materials and to do the work according to the terms and conditions herein contained and referred to for the price aforesaid, and hereby contracts to pay for the same, at the time, in the manner, and upon the conditions set forth in said specifications; and the said parties for themselves, their heirs, executors, administrators, successors, and assigns, do hereby agree to the full performance of the covenants herein contained.

ARTICLE V: The Notice Inviting Sealed Bids, the Instructions to Bidders, the Bid, the Specifications, and the Drawings mentioned therein, all addenda issued prior to the opening of the bid by the District, all contract change orders issued after execution of the Contract Agreement, the Special Provisions, Non-Collusion Declaration, Faithful Performance Bond, Payment Bond, all of which are essential parts of this contract, are hereby incorporated in and made part of this Agreement.

ARTICLE VI: Contractor acknowledges the provisions of Labor Code Section 1860 requiring every employer to be insured against liability for worker's compensation, or to undertake self-insurance in accordance with the provisions of that code, and certifies that it is in compliance with such provisions.

ARTICLE VII: The Contractor shall supply the District with Certificates evidencing all required insurance policies as described in the Instructions to Bidders.

ARTICLE VIII: The Contractor certifies that he or she is aware of the provisions of Public Contract Code Section 6109 and that any contractor or subcontractor who is ineligible under [Lab C §§1777.1](#) and [1777.7](#) is prohibited from working on this Project.

ARTICLE IX: Contractor acknowledges and agrees to comply with the provisions of the State Labor Code requiring every employer to pay at least the minimum prevailing rate of per diem wages for each craft, classification, or type of workman needed to execute this contract. State general prevailing wage determination as established by the California Department of Industrial Relations (available at <http://www.dir.ca.gov/DLSR/PWD/index.htm>) and the contractor shall post all required job site notices. The statutory provisions for penalties for failure to pay prevailing wages and/or failure to otherwise comply with state's wage and hour laws will be enforced. This contract is subject to compliance monitoring and enforcement by the Department of Industrial Relations. Contractor agrees that eight hours' labor constitutes a legal day's work.

The Contractor hereby agrees that the Contractor, and any subcontractor under the Contractor, shall pay not less than the general prevailing rate of per diem wages, as determined by the Director of the Department of Industrial Relations, to all workers employed in the execution of this contract as required under Subsection 7-2.2 of the Standard Specifications for Public Works Construction, and shall submit weekly to the District, certified copies of the payroll records for all said workers and shall comply with all statutory requirements relating to certified copies of payroll records, including the maintenance of the records, their certification, and their availability for inspection as required by [Labor Code Section 1776](#) and as required under Subsection 7-2.6 of said Standard Specifications for Public Works Construction. In addition, the Contractor and any subcontractors must furnish electronic certified payroll records directly to the Labor Commissioner (aka Division of Labor Standards Enforcement) in a format prescribed by the Labor Commissioner no less than monthly. The Labor Commissioner may at any time require the contractors and subcontractors to furnish electronic certified payroll records.

The prevailing rate of per diem wages are on file at the Pleasant Valley Recreation & Park District, Department of Public Works, 1605 E. Burnley Street, Camarillo, CA 93010, and are available to any interested party on request. The Contractor is required to post at the job site the prevailing

rate of per diem wages as determined by the Director of the Department of Industrial Relations and other notices prescribed by regulation.

Contractor and any subcontractor under the Contractor must comply with the requirements of California Labor Code Sections 1777.5 and 1777.6 regarding the employment of apprentices.

ARTICLE X: The Contractor hereby agrees to indemnify and defend the District, its officers, agents, and employees against, and to hold and save them and each of them harmless from, any and all actions, suits, claims, damages to persons or property, losses, costs, penalties, obligations, errors, omissions, or liabilities (hereinafter “Claims or Liabilities”) that may be asserted or claimed by any person, firm, or entity arising out of or in connection with this Agreement, the construction of the project, any alleged breach or breach of any provision set forth in this Agreement or the plans or specifications for the project, design defects, any alleged violation or violation of any federal, state, or local, law, ordinance, statute, rule, regulation, or order, any failure or alleged failure to secure any applicable regulatory permit, license, or agreement, and the errors and omissions, willful misconduct, or negligence, whether said negligence is concurrent, active or passive, of the Contractor, its officers, agents, employees, or any other persons, except that the Contractor shall not be required to indemnify, defend, and hold harmless the District, its officers, agents, and employees against Claims or Liabilities caused by the negligence or willful misconduct or active negligence of the District, its officers, agents, or employees.

ARTICLE XI: The District, in accordance with Public Contract Code Section 22300, shall permit the substitution of securities for any moneys withheld by the District to secure performance under a contract. The District hereby incorporates herein all of the provisions set forth in Public Contract Code Section 22300.

ARTICLE XII: In the performance of this agreement, the Contractor shall not engage in, nor permit others he or she may hire to engage in, discrimination in the employment of persons because of their race, religious creed, color, or national origin, except as provided in Government Code Section 12940. Violation of this provision may result in the imposition of penalties as provided in Labor Code Section 1735.

ARTICLE XIII: Contractor will be compensated for any utility relocation required as part of the project which is not shown on the plans and Contractor will not be assessed liquidated damages for any delays caused by the District’s or a public utility’s failure to provide for removal or relocation of utility facilities.

ARTICLE XIV: The Contractor shall maintain accounts and records, including personnel, property, and financial records, adequate to identify and account for all costs pertaining to the contract and such other records as may be deemed necessary by the District to assure proper accounting for all project funds, both federal and non-federal shares. These records will be made available for audit purposes to the District or any authorized representative and will be retained for 3 years after the expiration of this contract, unless permission to destroy them is granted by the District.

ARTICLE XV: No officer or employee of the District shall have any financial interest in this Agreement nor shall any such officer or employee participate in any decision relating to the Agreement which affects his or her financial interest or the financial interest of any corporation, partnership or association in which he or she is interested, in violation of any State statute or regulation. Similarly, Contractor warrants that it has not paid or given and will not pay or give any third party any money or other consideration for obtaining this Agreement.

ARTICLE XVI: The persons executing this Agreement on behalf of the parties hereto warrant that (i) such party is duly organized and existing, (ii) they are duly authorized to execute and deliver this Agreement on behalf of said party, (iii) by so executing this Agreement, such party is formally bound to the provisions of this Agreement, and (iv) the entering into this Agreement does not violate any provision of any other Agreement to which said party is bound.

ARTICLE XVII: Legal actions concerning any dispute, claim or matter arising out of or in relation to this Agreement shall be instituted in the Superior Court of the County of Ventura, State of California, or any other appropriate court in such county, and Contractor agrees to submit to the personal jurisdiction of such court in the event of such action.

ARTICLE XVIII: District will timely notify Contractor of any third party claim received by the District relating to this Agreement.

[Signatures on next page]

**DISTRICT: PLEASANT VALLEY
RECREATION & PARK DISTRICT,
CALIFORNIA**

Dated _____, 202

By: _____
_____, Chairman

ATTEST:

_____, Clerk of the Board

Dated _____, 202

CONTRACTOR: _____

By: _____
AUTHORIZED REPRESENTATIVE

TITLE

By: _____
AUTHORIZED REPRESENTATIVE

TITLE

(Attach acknowledgment for each
Authorized Representative of Contractor.)

Address: _____

Phone: _____

Fax: _____

Email: _____

**LABOR AND MATERIAL BOND
(PAYMENT BOND)**

WHEREAS, the PLEASANT VALLEY RECREATION & PARK DISTRICT, (“District”), has awarded to _____, as Contractor (“Contractor”), a Contract for the work entitled and described as follows:

MIRACLE LEAGUE FIELD PROJECT

SPEC NO. ML-1

WHEREAS, said Contractor is required to furnish a bond in conjunction with said Contract, to secure the payment of claims of laborers, mechanics, material men, and other persons as provided by law;

NOW, THEREFORE, we the undersigned Contractor and Surety, are held and firmly bound unto the District in the sum of _____ (\$ _____), this amount being not less than one hundred percent (100%) of the total contract price, lawful money of the United States of America, for payment of which sum well and truly be made we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents. In case suit is brought upon this bond, the Surety will pay a reasonable attorney’s fee to the District in an amount to be fixed by the court.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT, if said Contractor, its heirs, executors, administrators, successors, assigns, or subcontractor fails to pay: (1) for any work, materials, services, provisions, provender, or other supplies, or for the use of implements of machinery, used in, upon, for, or about the performance of the work to be done, or for any work or labor thereon of any kind; (2) for work performed by any of the persons named in Civil Code Section 9100; (3) for any amounts due under the Unemployment Insurance Code with respect to work or labor performed under the contract; and/or (4) for any amounts required to be deducted, withheld, and paid over to the Employment Development Department from the wages of employees of the Contractor and/or its subcontractors pursuant to Section 13020 of the Unemployment Insurance Code with respect to such work and labor, then the Surety herein will pay for the same in an amount not exceeding the sum specified in this bond, otherwise the above obligation shall be void.

This bond shall inure to the benefit of any of the persons named in Civil Code Section 9100 so as to give a right of action to such persons or their assigns in any suit brought upon the bond. Moreover, if the District or any entity or person entitled to file stop payment notices is required to engage the services of an attorney in connection with the enforcement of this bond, each shall be liable for the reasonable attorney's fees incurred, with or without suit, in addition to the above sum.

Said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration, or modification of the Contract Documents or of the work to be performed thereunder shall in any way affect its obligations on this bond, and it does hereby waive notice of

such change, extension of time, alteration, or modification of the Contract Documents or of the work to be performed thereunder.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this _____ day of _____, 20____.

_____ **CONTRACTOR** _____ **SURETY**

ADDRESS OF SURETY

CITY STATE ZIP

TELEPHONE

BY: _____
(CONTRACTOR SEAL)

BY: _____
(CONTRACTOR SEAL)

**CONTRACTOR'S CERTIFICATE
REGARDING WORKERS' COMPENSATION**

Labor Code Section 3700

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

(a) By being insured against liability to pay compensation by one or more insurers duly authorized to write compensation insurance in this state.

(b) By securing from the Director of Industrial Relations a certificate of consent to self-insure either as an individual employer, or as one employer in a group of employers, 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 or her employees.

(c) For any county, city, city and county, municipal corporation, public district, public agency, or any political subdivision of the state, including each member of a pooling arrangement under a joint exercise of powers agreement (but not the state itself), by securing from the Director of Industrial Relations a certificate of consent to self-insure against workers' compensation claims, which certificate may be given upon furnishing proof satisfactory to the director of ability to administer workers' compensation claims properly, and to pay workers' compensation claims that may become due to its employees. On or before March 31, 1979, a political subdivision of the state which, on December 31, 1978, was uninsured for its liability to pay compensation, shall file a properly completed and executed application for a certificate of consent to self-insure against workers' compensation claims. The certificate shall be issued and be subject to the provisions of Section 3702.

For purposes of this section, "state" shall include the superior courts of California."

I am aware of the provisions of Section 3700 of the Labor Code, which requires 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.

CONTRACTOR

By: _____
AUTHORIZED REPRESENTATIVE

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.)

APPRENTICESHIP REQUIREMENTS

Labor Code, Division 2, Part 7, Chapter 1, Section 1773.3 “Notice; Required information” states:

"(a)(1) An awarding agency shall provide notice to the Department of Industrial Relations of any public works contract subject to the requirements of this chapter, within five (5) days of the award.

(2) The notice shall be transmitted electronically in a format specified by the department and shall include the name of the contractor, any subcontractor listed on the successful bid, the bid and contract award dates, the contract amount, the estimated start and completion dates, job site location, and any additional information the department specifies that aids in the administration and enforcement of this chapter.

(b) In lieu of responding to any specific request for contract award information, the department may make the information provided by awarding bodies pursuant to this section available for public review on its Internet Web site."

Also note **Labor Code Sections 1776(g), 1777.5 and 1777.7.**

NOTICE

THE CONTRACTOR WILL BE REQUIRED TO FURNISH THE PLEASANT VALLEY RECREATION & PARK DISTRICT WITH THE CLASSIFICATIONS OF LABORERS TO BE USED FOR THE COMPLETION OF THIS PROJECT WITHIN THREE (3) WORKING DAYS AFTER NOTIFICATION OF AWARDING OF CONTRACT.

PLEASANT VALLEY RECREATION & PARK DISTRICT

GENERAL PROVISIONS

SCOPE OF WORK: This project will commence within the Pleasant Valley Recreation & Park District. The work to be done consists of furnishing all materials, equipment, tools, labor, and incidentals as required by the Plans, Specifications, and Contract Documents. The general items of work are provided by Plans, Specifications and Contract Documents.

LOCATION OF WORK: The work will take place at 275 E Pleasant Valley Rd in Camarillo, California.

STANDARD SPECIFICATIONS: The Standard Specifications of the District are contained in the 2015 Edition of the Standard Specifications for Public Works Construction, with amendments and supplements, as written and promulgated by the Joint Cooperative Committee of the Southern California Chapter of the American Public Works Association and the Southern California District of the Associated General Contractors of California. Copies of these Standard Specifications are available from the publisher, Building News, Incorporated, 990 Park Center Drive, Suite E, Vista, California 92081; telephone (760) 734-1113.

The Standard Specifications set forth above will control the General Provisions, Construction Materials, and Construction Methods for this Contract, except as amended by the Plans, Special Provisions, or other Contract Documents. The following Special Provisions are supplementary and in addition to the provisions of the Standard Specifications unless otherwise noted and the section numbers of the Special Provisions coincide with those of the said Standard Specifications. Only those sections requiring elaborations, amendments, specifying of the options, or additions are called out.

LEGAL ADDRESS OF CONTRACTOR: The address given in the Contractor's bid on which the contract is founded is hereby designated as the place to which all notices, letters, and other communications to the Contractor shall be mailed or delivered. Unless otherwise required by law, the mailing to or delivering at the above-named place of any notice, letter, or other communication by the District to the Contractor shall be deemed sufficient service thereof upon the Contractor. The date of said service shall be the date of such mailing or delivery. Such address may be changed at any time by a written notice signed by the Contractor and delivered to the Engineer.

RECOVERY OF DAMAGES: The making of an estimate and payment in accordance therewith shall not preclude the District from demanding and recovering from the Contractor such damages as it may sustain by reason of the Contractor's failure to comply with the Specifications.

MONIES MAY BE RETAINED: The District may keep any monies which would otherwise be payable at any time hereunder and apply the same, or so much as may be necessary therefor, to the payment of any expenses, losses, or damages, as determined by the Engineer, incurred by the District, for which the Contractor is liable under the contract.

SALES AND/OR TAXES: Except as may be otherwise specifically provided herein, all sales and/or use taxes assessed by federal, state, or local authorities on materials used or furnished by the Contractor in performing the work hereunder shall be paid by the Contractor.

ALLOWABLE VARIATION: When in these Specifications a maximum or minimum, either in size, percentage, or thickness or relating to quality, character, or other matter, is allowed or prescribed, the work shall be accepted as in compliance if within such maximum or minimum so allowed thereby.

PROTECTION OF PUBLIC UTILITIES: The Contractor shall not be assessed liquidated damages for delay in completion of the project when such delay is caused by failure of the District or owner of a public utility to provide for removal or relocation of existing utility facilities. This Agreement is subject to Government Code Sections 4215 and 4216 – 4216.9. Contractor must notify utilities and obtain an identification number before excavation or be subject to liability for damages to subsurface installations.

EMERGENCY INFORMATION: The names, addresses, and telephone numbers of the Contractor and subcontractors, or their representatives, shall be filed with the Parks Department, the District Fire Department, and the County Sheriff's Department prior to beginning work.

EMPLOYMENT OF APPRENTICES: The Contractor's attention is directed to the provisions of Sections 1777.5 and 1777.6 of the Labor Code concerning the employment of apprentices by the Contractor or any Subcontractor under the Contractor. The Contractor, and any subcontractor under the Contractor, shall comply with the requirements of all statutory provisions relating to the employment of apprentices. Information relative to apprenticeship standards and administration of the apprenticeship program may be obtained from the Director of Industrial Relations, P.O. Box 603, San Francisco, California 94101 or from the Division of Apprenticeship Standards and its branch offices.

PENALTIES FOR DISCRIMINATION IN EMPLOYMENT: Any Contractor who shall be found in violation of the nondiscrimination provisions of the State of California Fair Employment Practices Act or similar provisions of federal law or executive order in the performance of any contract with the District shall be found in material breach of such contract and the District shall have power to cancel or suspend the Contractor, in whole or in part, or to deduct from the amount payable to such Contractor the sum of twenty-five dollars (\$25.00) for each person for each calendar day during which such person was discriminated against, as damages for said breach of contract; or both. Only a finding of the State of California Fair Employment Practices Commission or the equivalent federal agency or officer shall constitute evidence of a violation of contract under this section.

The Contractor shall enclose with his or her bid a Compliance Report stating that he or she will pursue an affirmative course of action as required by the affirmative action guidelines.

PROVISIONS REQUIRED BY LAW DEEMED INSERTED: Each and every provision of law and clause required by law to be inserted in this contract shall be deemed to be inserted herein, and the contract shall be read and enforced as though it were included herein. If through mistake

or otherwise any such provision is not inserted, or is not correctly inserted, then upon application of either party, the contract shall forthwith be physically amended to make such insertion or correction.

PAYROLL RECORDS: The Contractor's attention is directed to the following provisions of Labor Code Section 1776, "Payroll record of wages paid; Inspections; Forms; Effect of noncompliance; Penalties". The Contractor shall be responsible for the compliance with these provisions by his or her subcontractors.

"(a) Each contractor and subcontractor shall keep an accurate payroll record, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed by him or her in connection with the public work. Each payroll record shall contain or be verified by a written declaration that it is made under penalty of perjury, stating both of the following:

(1) The information contained in the payroll record is true and correct.

(2) The employer has complied with the requirements of Sections 1771, 1811, and 1815 for any work performed by his or her employees on the public works project.

(b) The payroll records enumerated under subdivision (a) shall be certified and shall be available for inspection at all reasonable hours at the principal office of the contractor on the following basis:

(1) A certified copy of an employee's payroll record shall be made available for inspection or furnished to the employee or his or her authorized representative on request.

(2) A certified copy of all payroll records enumerated in subdivision (a) shall be made available for inspection or furnished upon request to a representative of the body awarding the contract and the Division of Labor Standards Enforcement of the Department of Industrial Relations.

(3) A certified copy of all payroll records enumerated in subdivision (a) shall be made available upon request to the public for inspection or for copies thereof. However, a request by the public shall be made through either the body awarding the contract or the Division of Labor Standards Enforcement. If the requested payroll records have not been provided pursuant to paragraph (2), the requesting party shall, prior to being provided the records, reimburse the costs of preparation by the contractor, subcontractors, and the entity through which the request was made. The public may not be given access to such records at the principal office of the contractor.

(c) Unless required to be furnished directly to the Labor Commissioner in accordance with paragraph (3) of subdivision (a) of Section 1771.4, the certified payroll records shall be on forms provided by the Division of Labor Standards Enforcement or shall contain the same information as the forms provided by the division. The payroll records may consist of printouts of payroll data that are maintained as computer records, if printouts contain the same information as the forms provided by the division and the printouts are verified in the manner specified subdivision (a).

(d) A contractor or subcontractor shall file a certified copy of the records enumerated in subdivision (a) with the entity that requested the records within 10 days after receipt of a written request.

(e) Except as provided in subdivision (f), any copy of records made available for inspection as copies and furnished upon request to the public or any public agency by the awarding body or the Division of Labor Standards Enforcement shall be marked or obliterated to prevent disclosure of an individual's name, address, and social security number. The name and address of the contractor awarded the contract or the subcontractor performing the contract shall not be marked or obliterated. Any copy of records made available for inspection by, or furnished to, a multiemployer Taft-Hartley trust fund (29 U.S.C. Sec. 175a) shall be marked or obliterated only to prevent disclosure of an individual's full social security number, but shall provide the last four digits of the social security number. Any copy of records made available for inspection by, or furnished to, a joint labor-management committee established pursuant to the federal Labor Management Cooperation Act of 1978 (29 U.S.C. Sec. 175a) shall be marked or obliterated only to prevent disclosure of an individual's social security number.

(f)(1) Notwithstanding any other provision of law, agencies that are included in the Joint Enforcement Strike Force on the Underground Economy established pursuant to Section 329 of the Unemployment Insurance Code and other law enforcement agencies investigating violations of law shall, upon request, be provided nonredacted copies of certified payroll records. Any copies of records or certified payroll made available for inspection and furnished upon request to the public by an agency included in the Joint Enforcement Strike Force on the Underground Economy or to a law enforcement agency investigating a violation of law shall be marked or redacted to prevent disclosure of an individual's name, address, and social security number.

(2) An employer shall not be liable for damages in a civil action for any reasonable act or omission taken in good faith in compliance with this subdivision.

(g) The contractor shall inform the body awarding the contract of the location of the records enumerated under subdivision (a), including the street address, city, and county, and shall, within five working days, provide a notice of a change of location and address.

(h) The contractor or subcontractor has 10 days in which to comply subsequent to receipt of written notice requesting the records enumerated in subdivision (a). In the event that the contractor or subcontractor fails to comply within the 10-day period, he or she shall, as a penalty to the state or political subdivision on whose behalf the contract is made or awarded, forfeit one hundred dollars (\$100) for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Labor Standards Enforcement, these penalties shall be withheld from progress payments then due. A contractor is not subject to a penalty assessment pursuant to this section due to the failure of a subcontractor to comply with this section.

(i) The body awarding the contract shall cause to be inserted in the contract stipulations to effectuate this section.

(j) The director shall adopt rules consistent with the California Public Records Act (Chapter 3.5 (commencing with Section 6250) of Division 7 of Title 1 of the Government Code) and the

Information Practices Act of 1977 (Title 1.8 (commencing with Section 1798) of Part 4 of Division 3 of the Civil Code) governing the release of these records, including the establishment of reasonable fees to be charged for reproducing copies of records required by this section.”

ASSIGNMENT OF ANTITRUST ACTIONS: The Contractor's attention is directed to the following provision of the Public Contracts Code, Section 7103.5, which shall be applicable to the Contractor and his or her subcontractors:

"(b) In entering into a public works contract or a subcontract to supply goods, services, or materials pursuant to a public works contract, the contractor or subcontractor offers and agrees to assign to the awarding body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 Division 7 of Business and Professions Code), arising from purchases of goods, services, or materials pursuant to the public works contract or the subcontract. This assignment shall be made and become effective at the time the awarding body tenders final payment to the contractor, without further acknowledgment by the parties.”

CONSTRUCTION SCHEDULES: Prior to issuing the “Notice to Proceed”, the Engineer will schedule a preconstruction meeting with the Contractor to review the proposed construction schedule and delivery dates, arrange utility coordination, discuss construction methods, and clarify inspection procedures. The Contractor must provide to the Engineer, at the time of the preconstruction meeting, a schedule in the form of a Gantt Chart for review and approval. Any change in the construction schedule will require the Contractor to provide revised charts of those changes to the Engineer within two (2) working days. The "Notice to Proceed" will be issued upon approval of the project schedule. Requests for changes in the schedule shall be submitted by the Contractor to the Engineer in writing for approval at least 48 hours prior to the scheduled operations on the streets affected.

The schedule shall be broken down into activities by street with durations no greater than one week. No more than 15% of the activities may be on the critical path of the baseline schedule. The Engineer will review the baseline schedule and the Contractor will make any reasonable changes requested to make the schedule acceptable.

If at any time project completion is ten or more working days behind schedule, the Contractor shall submit a recovery schedule, subject to approval, showing how the original completion date will be met.

CONSTRUCTION WORKING HOURS: The Contractor's regular hours of work will be from 7:00 AM to 7:00 PM on all workdays as defined in Section 6-7.2 (S.S.P.W.C.).

EQUIVALENT MATERIALS: Approval of equipment and materials offered as equivalents to those specified must be obtained in writing from the District prior to the opening of bids. Requests for consideration of equivalents must be submitted in writing allowing five (5) working days for complete consideration of all specifications, samples, references, tests, and other details to the full satisfaction of the District.

SPECIAL PROVISIONS

PLEASANT VALLEY RECREATION & PARK DISTRICT

MIRACLE LEAGUE FIELD PROJECT

SPEC NO. ML-1

FISCAL YEAR 2022-2023

1. GENERAL

A. THE REQUIREMENT: All work embraced herein shall be accomplished in accordance with the applicable portions of the "Standard Specifications for Public Works Construction" 2015 edition, plus any supplements, published, herein referred to as "Standard Specifications," except as modified by the General Conditions, these Special Provisions, Standard Drawings and the Project Plans. In addition to the above, the Contractor shall comply with the requirements of the following:

- (1) Notice Inviting Sealed Bids
- (2) Instructions to Bidders
- (3) Bid
- (4) Bid Bond
- (5) Information Required of Bidder
- (6) Agreement
- (7) Faithful Performance Bond
- (8) Payment Bond (Labor and Material Bond)

B. DEFINITION OF TERMS: Wherever in the Standard Specifications terms are used, they shall be understood to mean and refer to the following:

- (1) District – The Pleasant Valley Recreation & Park District
- (2) Board - The District's governing board
- (3) Director, Engineer - The District's Public Works and District Engineer, acting either directly or through authorized agents. Also referred to herein as District Engineer.
- (4) Other terms appearing in the Standard Specifications, the General Conditions, and these Special Provisions shall have the intent and meaning specified in Section 1 of the Standard Specifications.

C. SCOPE AND CONTROL OF THE WORK:

PROJECT PLANS: The location of the work, its general nature, extent, form and detail of the various features are shown on drawings accompanying and made a part of these specifications.

2.5 PLANS AND SPECIFICATIONS

2-5.1 General. The Contractor shall maintain a control set of Plans and Specifications on the project site at all times. All final locations determined in the field, and any deviations from the Plans and Specifications, shall be marked in red on this control set to show the as-built conditions. Upon completion of all work, the Contractor shall return the control set to the Engineer. Final payment will not be made until this requirement is met.

Section 2 is amended by adding thereto the following new Subsection 2-5.4 Record Drawings:

2-5.4 Record Drawings.

All corrections on record drawings shall be done in red ink. Record drawings shall be a control set of the construction plans kept on the site for daily recording of "as built" conditions. Show dimensioned locations of all buried facilities, such as drains, sumps, pipe, valves, electrical conduits, and irrigation wires.

Dimensions must be taken from above ground permanent architectural objects, not plants or irrigation heads. All dimensions, notes, etc., shall be legible.

Record drawings shall be reviewed prior to all progress payment requests, and submitted prior to final inspection.

D. COMPLETION OF WORK:

(1) All work to be done under this contract shall be completed within Two Hundred Sixteen **(216) consecutive working days**, exclusive of maintenance periods, beginning on the date stipulated in the written "Notice to Proceed" issued by the Engineer.

(2) In the event that the Engineer is of the opinion that the work is being inadequately or improperly prosecuted in any respect, he or she may demand that the Contractor improve or change the prosecution of the work in such manner as to assure proper and timely completion.

E. FINAL INVOICE AND PAYMENT:

(1) Whenever in the opinion of the Engineer the Contractor shall have completely performed the contract on his or her part, the Engineer shall notify the District that the contract has been completed in its entirety. He or she shall request that the District accept the work and that the District of the Board be authorized to file, on behalf of the District, in the office of the Ventura County Recorder, a notice of completion of the work herein agreed to be done by the Contractor. The Contractor will then submit to the Engineer for approval a written statement of the final quantities of contract items for inclusion in the

final invoice. Upon receipt of such statement, the Engineer shall check the quantities included therein and shall authorize the Contractor to submit an invoice which in the Engineer's opinion shall be just and fair, covering the amount and value of the total amount of work done by the Contractor, not including the work that has already been invoiced by the Contractor. District will pay this invoice less any amounts District is required to withhold as described elsewhere in the Contract Documents.

(2) On the expiration of sixty (60) calendar days after recordation of the acceptance of the project by Ventura County Recorder, the District shall pay to the Contractor the amount remaining after deducting from the amount or value stated in the invoice all prior payments to the Contractor and all amounts to be kept and retained under the provisions of the contract and 150% of all disputed amounts, and shall release the faithful performance bond and the labor and material bond once all applicable disputes have been resolved. The District will comply with Public Contract Code Section 7107 and other applicable law regarding the release of retention.

F. RETENTION: The District will deduct a five percent (5%) retention from all progress payments as specified in Section 9-3.2 of the Standard Specifications for Public Works Construction.

G. SUBSTITUTION OF SECURITIES FOR RETENTION: Public Contract Code Section 22300 is hereby incorporated by reference. The substitution of securities for any moneys withheld by a public agency to ensure performance under a contract shall be permitted by the District.

H. NO PERSONAL LIABILITY: No agent of the Pleasant Valley Recreation & Park District shall be personally responsible for any liability arising under the contract. No claim shall be made or filed, and neither the District nor any of its agents shall be liable for, or held to pay money, except as specifically provided in the contract.

I. UNPAID CLAIMS: If, upon or before the completion of the work herein agreed to be performed or at any time prior to the expiration of the period within which claims of lien may be filed for record as prescribed by Civil Code Section 8416, any person or persons claiming to have performed any labor or furnished any material, supplies, or services toward the performance or completion of this contract or that they have agreed to do so, shall file with the District a verified statement of such claim, stating in general terms the kind of labor and materials and the name of the person to or for whom the same was done or furnished, or both, and the amount in value, as near as may be, of that already done or furnished, or both, together with a statement that the same has not been paid, or if any person or persons shall bring against the District or against any agent or agents thereof any action to enforce such claim, the District shall until the discharge thereof withhold from the moneys under its control so much of said moneys due or to become due the Contractor under this contract as shall be sufficient to satisfy and discharge the amount in such notice or under such action claimed to be due, together with the costs thereof; provided, that if the District shall in its discretion permit the Contractor to file such additional bond as is authorized by Civil Code Section 9364 in a sum equal to 125% of the amount of the claim, said moneys shall not thereafter be withheld on account of such claim.

J. ADDITIONAL SURETY: If during the continuance of the contract any of the sureties upon the faithful performance bond in the opinion of the Engineer are or become insufficient, he or she may require additional sufficient sureties which the Contractor shall furnish to the satisfaction of the Engineer within fifteen (15) days after notice and, in default thereof, the contract may be suspended and the work completed as provided in Section 6 of the Standard Specifications.

K. NOISE CONTROL REQUIREMENTS: The Contractor shall comply with all local sound control and noise level rules, regulations, and ordinances that apply to any work performed pursuant to the contract.

Each internal combustion engine, used for any purpose on the job or related to the job, shall be equipped with a muffler of a type recommended by the manufacturer. No internal combustion engine shall be operated on the project without said muffler. The noise level from the Contractor's operations, between the hours of 7:00 A.M. and 5:00 P.M., shall not exceed 86 dBA at a distance of fifty (50) feet. This requirement in no way relieves the Contractor from responsibility for complying with the District Code Chapter 8.20 "Noise Control" regulating noise level. Said noise level requirements shall apply to all equipment on the job or related to the job, including but not limited to trucks, transmit mixers, or transient equipment that may or may not be owned by the Contractor. The use of loud sound signals shall be avoided in favor of light warnings except those required by safety laws for the protection of personnel.

Full compensation for conforming to the requirements of this section shall be considered as included in the unit cost for the various contract items of work involved, and no additional compensation will be allowed therefor.

L. PERMITS AND LICENSES: The Contractor shall procure all permits and licenses, pay all charges and fees, and give all notices necessary and incident to the due and lawful prosecution of the work. The Contractor shall also ensure that all subcontractors obtain required permits and licenses.

The Environmental Quality Act of 1970 (Chapter 1433, Stats. 1970), as amended by Chapter 1154, Stats. 1972, may be applicable to permits, licenses, and other authorizations which the Contractor must obtain from local agencies in connection with performing the work of the contract. The Contractor shall comply with all applicable environmental laws and regulations and conditions on the project in obtaining such permits, licenses, and other authorizations, and they shall be obtained in sufficient time to prevent delays to the work, and in undertaking the construction of the project. Contractor shall also comply with all applicable mandatory standards and policies relating to energy efficiency.

In the event that the District has obtained permits, licenses, or other authorizations applicable to the work in conformance with the requirements in said Environmental Quality Act of 1970, the Contractor shall comply with the provisions of said permits, licenses, and other authorizations.

M. PAYMENTS: Attention is directed to Subsection 9-3 of the Standard Specifications for partial payment and final payment requirements. No partial payment will be made for any materials on hand which are furnished but not incorporated in the work.

N. LEGAL ACTIONS AGAINST THE DISTRICT: In the event litigation is brought against the District concerning compliance by the District with State or Federal laws, rules, or regulations applicable to highway work, the provisions of this section shall apply.

(1) If, pursuant to court order, the District prohibits the Contractor from performing all or any portion of the work, the delay will be considered a right of way delay within the meaning of Subsection 6-6 of the Standard Specifications unless the contract is terminated as hereinafter provided, in which event compensation payable to the Contractor shall be determined in accordance with said termination provisions.

(2) If, pursuant to court order (other than an order to show cause) the District is prohibited from requiring the Contractor to perform all or any portion of the work, the District may, if it so elects, eliminate the enjoined work pursuant to Section 3 of the Standard Specifications or terminate the contract in accordance with Subsections 6-3 and 6-5 of the Standard Specifications.

(3) If the final judgment in the action prohibits the District from requiring the Contractor to perform all or any portion of the work, the District will either eliminate the enjoined work pursuant to Section 3 of the Standard Specifications or terminate the contract in accordance with Subsections 6-3 and 6-5 of the Standard Specifications.

(4) Termination of the contract and the total compensation payable to the Contractor in the event of termination shall be governed by the following:

(a) The Engineer will issue the Contractor a written notice specifying that the contract is to be terminated. Upon receipt of said written notice and, except as otherwise directed in writing by the Engineer, the Contractor shall:

[1] Stop all work under the contract, except that portion of the work specifically directed to be completed prior to acceptance.

[2] Perform work the Engineer deems necessary to secure the project for termination.

[3] Remove equipment and plan from the site of the work.

[4] Take such action as is necessary to protect materials from damage.

[5] Notify all Subcontractors and suppliers that the contract is being terminated and that their contracts or orders are not to be further performed unless otherwise authorized in writing by the Engineer.

[6] Provide the Engineer with an inventory list of all materials previously produced, purchased, or ordered from suppliers for use in the work and not yet used in the work, including its storage location and such other information as the Engineer may request.

[7] Dispose of materials not yet used in the work as directed by Engineer. It shall be the Contractor's responsibility to provide the District with good title to all materials purchased by the District hereunder, including materials for which partial payment has been made as provided in Subsection 9-3.2 of the Standard Specifications, and with bills of sale or other documents of title for such materials.

[8] Subject to the prior written approval of the Engineer, settle all outstanding liabilities and all claims arising out of subcontracts or orders for materials terminated hereunder. To the extent directed by the Engineer, the Contractor shall assign to the District all the right, title, and interest of the Contractor under subcontracts or orders for materials terminated hereunder.

[9] Furnish the Engineer with the documentation required to be furnished by the Contractor under the provisions of the contract including, on projects as to which Federal funds are involved, all documentation required under the Federal requirements included in the contract.

[10] Take such other actions as the Engineer may direct.

(b) Acceptance of the contract as hereinafter specified shall not relieve the Contractor of responsibility for damage to materials except as follows:

[1] The Contractor's responsibility for damage to materials for which partial payment has been made as provided in Subsection 9-3.2 of the Standard Specifications, and for materials furnished by the District for use in the work and unused, shall terminate when the Engineer certifies that such materials have been stored in the manner and at the locations he or she has directed.

[2] The Contractor's responsibility for damage to materials purchased by the District subsequent to the issuance of the notice that the contract is to be terminated shall terminate when title and delivery of the materials has been taken by the District.

[3] When the Engineer determines that the Contractor has completed the work under the contract directed to be completed prior to termination and such other work as may have been ordered to secure the project for termination, he or she will recommend that the Engineer formally accept the contract, and immediately upon and after such acceptance by the

Engineer, the Contractor will not be required to perform any further work thereon and shall be relieved of his or her contractual responsibilities for injury to persons or property which occurs after the formal acceptance of the project by the Engineer.

(c) The total compensation to be paid to the Contractor shall be determined by the Engineer on the basis of the following:

[1] The reasonable cost to the Contractor, without profit, for all work performed under the contract, including mobilization, demobilization, and work done to secure the project for termination. Reasonable cost will include a reasonable allowance for project overhead and general administrative overhead not to exceed a total of seven percent (7%) of direct costs of such work.

When in the opinion of the Engineer, the cost of a contract item of work is excessively high due to costs incurred to remedy or replace defective or rejected work, the reasonable cost to be allowed will be the estimated reasonable cost of performing such work in compliance with the requirements of the plans and specifications and the excessive actual cost shall be disallowed.

[2] A reasonable allowance for profit on the cost of the work performed as determined under Subsection (a), provided the Contractor establishes to the satisfaction of the Engineer that it is reasonably probable that he or she would have made a profit had the contract been completed and provided further that the profit allowed shall in no event exceed four percent (4%) of said cost.

[3] The reasonable cost to the Contractor of handling material returned to the vendor, delivered to the District, or otherwise disposed of as directed by the Engineer.

[4] A reasonable allowance for the Contractor's administrative costs in determining the amount payable due to termination of the contract.

All records of the Contractor and his or her subcontractors, necessary to determine compensation in accordance with the provisions of this section, shall be open to inspection or audit by representatives of the District at all times after issuance of the notice that the contract is to be terminated and for a period of three years, and such records shall be retained for that period.

After acceptance of the work by the Engineer, the Engineer may make payments on the basis of interim estimates pending issuance of the Final Estimate when in his or her opinion the amount thus paid, together with all amounts previously paid, will not result in total compensation in excess of

that to which the Contractor will be entitled. All payments, including payment upon the Final Estimate, shall be subject to deduction for prior payments and amounts, if any, to be kept or retained under the provisions of the contract.

The provisions of this section shall be included in all subcontracts.

O. TRENCHING: In accordance with Section 6705 of the California Labor Code,

“No contract for public works involving an estimated expenditure in excess of twenty-five thousand dollars (\$25,000), for the excavation of any trench or trenches five feet or more in depth, shall be awarded unless it contains a clause requiring submission by the Contractor and acceptance by the awarding body or by a registered civil or structural engineer employed by the awarding body, to whom authority to accept has been delegated, in advance of excavation, of a detailed plan showing the design of shoring, bracing, sloping, or other provisions to be made for worker protection from the hazard of caving ground during the excavation of such trench or trenches. If such plan varies from the shoring system standards, the plan shall be prepared by a registered civil or structural engineer.

“Nothing in this section shall be deemed to allow the use of a shoring, sloping, or protective system less effective than that required by the Construction Safety Orders.

“Nothing in this section shall be construed to impose tort liability on the awarding body or any of its employees”

“The terms "public works" and "awarding body," as used in this section, shall have the same meaning as in Sections 1720 and 1722, respectively, of the Labor Code.”

In addition, pursuant to Public Contracts Code § 7104, if the project involves digging trenches or other excavations that extend deeper than four feet below the surface:

“(a) That the contractor shall promptly, and before the following conditions are disturbed, notify the local public entity, in writing, of any:

“(1) Material that the contractor believes may be material that is hazardous waste, as defined in Section 25117 of the Health and Safety Code, that is required to be removed to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law.

“(2) Subsurface or latent physical conditions at the site differing from those indicated by information about the site made available to bidders prior to the deadline for submitting bids.

“(3) Unknown physical conditions at the site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the contract.

“(b) That the local public entity shall promptly investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, and cause a decrease or increase in the contractor’s cost of, or the time required for, performance of any part of the work shall issue a change order under the procedures described in the contract.

“(c) That, in the event that a dispute arises between the local public entity and the contractor whether the conditions materially differ, or involve hazardous waste, or cause a decrease or increase in the contractor’s cost of, or time required for, performance of any part of the work, the contractor shall not be excused from any scheduled completion date provided for by the contract, but shall proceed with all work to be performed under the contract. The contractor shall retain any and all rights provided either by contract or by law which pertain to the resolution of disputes and protests between the contracting parties.”

Full compensation for sheeting, shoring, bracing, sloping, and all other provisions required for worker protection shall be considered as included in the contract price shown in the appropriate Bid Item, and no additional compensation will be allowed therefor.

P. CHANGES IN WORK:

The following is hereby added to Section 3-3.2.3 Mark-up:

“Contractor shall only apply the following mark-up: Pursuant to subsections 3-3.2.3.1 Work by the Contractor and 3-3.2.3.2 Work by the Subcontractor the Contractor’s total mark-up is not to exceed 12%.

]

Q. CONTROL OF MATERIALS:

4-1 MATERIALS AND WORKMANSHIP

4-1.1 General. The Contractor and all subcontractors, suppliers, and vendors shall guarantee that all work performed under this contract fully meets the requirements thereof as to quality of workmanship. Should any defects become evident within a period of one year from the date of the acceptance of the work by the District’s Board, the Contractor shall, at his or her own expense, make any repair or replacement necessary to restore the work to full compliance with these Special Provisions.

Such repair and replacement shall be made promptly upon receipt of written notice from the Engineer. If the Contractor fails to make such repair and replacement promptly, the Engineer may cause the work to be done and the costs incurred thereby shall become the liability of the Contractor and his or her Surety.

If, in the opinion of the Engineer, defective work creates a dangerous condition or requires immediate correction or attention to prevent further loss by the District or to prevent interruption of operations of the District, the District will attempt to give the notice required by this article. If the Contractor cannot be contacted or does not

comply with the Engineer's request for correction within a reasonable time as determined by the Engineer, the District may, notwithstanding the provisions of this article, proceed to make such correction or attention and the costs of such correction or attention shall be charged against the Contractor.

The foregoing obligation shall be secured by the surety bond in a form approved by the Engineer in an amount not less than ten (10%) of the final contract price or \$1,000.00, whichever is greater, and shall be delivered to the Engineer prior to final acceptance of the work. Payment for fulfilling the requirements of this section shall be considered as included in the unit cost for the various contract items of work, and no additional compensation will be allowed therefor.

4-1.4 Test of Materials. Except as elsewhere specified, the District will bear the cost of testing material and/or workmanship that meets or exceeds the requirements indicated in the project specifications contained herein, Standard Specifications and the Special Provisions. The cost of all other tests, including the retesting of material or workmanship that fails to pass the first test, shall be borne by the Contractor.

4-1.5 Certification. A Certificate of Compliance shall be furnished prior to the use of any materials for which these specifications or the special provisions require that such a certificate be furnished. In addition, when so authorized in these specifications or in the Special Provisions, the Engineer may permit the use of certain materials or assemblies prior to sampling and testing if accompanied by a Certificate of Compliance. The certificate shall be signed by the manufacturer of the material or the manufacturer of assembled materials and shall state that the materials involved comply in all respects with the requirements of the specifications. A Certificate of Compliance shall be furnished with each lot of material delivered to the work and the lot so certified shall be clearly identified in the certificate.

4-1.6 Trade Names or Equals. Approval of equipment and materials offered as equivalents to those specified must be obtained, in writing, as set forth in the Instructions to Bidders.

R. LIQUIDATED DAMAGES: Section 6-9 of the Standard Specifications is hereby amended as follows:

“(1) Time is of the essence with respect to the performance by Contractor of its duties. Failure of the Contractor to complete the work within the time allowed will result in damages being sustained by the District. Such damages are, and will continue to be, impracticable and extremely difficult to determine. For each consecutive calendar day, or portion thereof, in excess of the time specified for completion of the work (as adjusted), the Contractor shall pay to the District, or the District may deduct from any payments due or to become due to Contractor, the sum of \$250.

Execution of the contract under these specifications shall constitute agreement by the District and the Contractor that the specified liquidated damages per day is the minimum value of the costs and actual damage caused by the failure of the Contractor to complete the work within the allotted time, that such sum is liquidated damages and shall not be construed as a penalty, and that such sum may be deducted from payments due the Contractor if such delay occurs.”

S. CONFERENCES AND MEETING: When and as directed by the Engineer, the Contractor shall attend all conferences and meetings that the Engineer deems necessary for the proper progress of work under this contract.

T. UNDERGROUND SERVICE ALERT: Except in an emergency, the Contractor, prior to conducting any excavation or resurfacing, shall contact the appropriate regional notification center, at least two working days prior to commencing that excavation or resurfacing. The regional notification center shall provide an inquiry center and shall notify any member, if known, who has a subsurface installation in the area of the proposed excavation or resurfacing.

Underground Service Alert may be contacted by calling 1-800-422-4133.

U. RESOLUTION OF ALL CONSTRUCTION CLAIMS:

“9204. Legislative findings and declarations regarding timely and complete payment of contractors for public works projects; claims process

- (a) The Legislature finds and declares that it is in the best interests of the state and its citizens to ensure that all construction business performed on a public works project in the state that is complete and not in dispute is paid in full and in a timely manner.
- (b) Notwithstanding any other law, including, but not limited to, Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2, Chapter 10 (commencing with Section 19100) of Part 2, and Article 1.5 (commencing with Section 20104) of Chapter 1 of Part 3, this section shall apply to any claim by a contractor in connection with a public works project.
- (c) For purposes of this section:
 - (1) “Claim” means a separate demand by a contractor sent by registered mail or certified mail with return receipt requested, for one or more of the following:
 - (A) A time extension, including, without limitation, for relief from damages or penalties for delay assessed by a public entity under a contract for a public works project.
 - (B) Payment by the public entity of money or damages arising from work done by, or on behalf of, the contractor pursuant to the contract for a public works project and payment for which is not otherwise expressly provided or to which the claimant is not otherwise entitled.
 - (C) Payment of an amount that is disputed by the public entity.

- (2) “Contractor” means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who has entered into a direct contract with a public entity for a public works project.
- (3) (A) “Public entity” means, without limitation, except as provided in subparagraph (B), a state agency, department, office, division, bureau, board, or commission, the California State University, the University of California, a city, including a charter city, county, including a charter county, city and county, including a charter city and county, district, special district, public authority, political subdivision, public corporation, or nonprofit transit corporation wholly owned by a public agency and formed to carry out the purposes of the public agency.
- (B) “Public entity” shall not include the following:
- (i) The Department of Water Resources as to any project under the jurisdiction of that department.
 - (ii) The Department of Transportation as to any project under the jurisdiction of that department.
 - (iii) The Department of Parks and Recreation as to any project under the jurisdiction of that department.
 - (iv) The Department of Corrections and Rehabilitation with respect to any project under its jurisdiction pursuant to Chapter 11 (commencing with Section 7000) of Title 7 of Part 3 of the Penal Code.
 - (v) The Military Department as to any project under the jurisdiction of that department.
 - (vi) The Department of General Services as to all other projects.
 - (vii) The High-Speed Rail Authority.
- (4) “Public works project” means the erection, construction, alteration, repair, or improvement of any public structure, building, road, or other public improvement of any kind.
- (5) “Subcontractor” means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who either is in direct contract with a contractor or is a lower tier subcontractor.
- (d) (1) (A) Upon receipt of a claim pursuant to this section, the public entity to which the claim applies shall conduct a reasonable review of the claim and, within a period not to exceed 45 days, shall provide the claimant a written statement identifying what portion of the claim is disputed and what portion is undisputed. Upon receipt of a claim, a public entity and a contractor may, by mutual agreement, extend the time period provided in this subdivision.
- (B) The claimant shall furnish reasonable documentation to support the claim.
- (C) If the public entity needs approval from its governing body to provide the claimant a written statement identifying the disputed portion and the undisputed portion of the claim, and the governing body does not meet within the 45 days

or within the mutually agreed to extension of time following receipt of a claim sent by registered mail or certified mail, return receipt requested, the public entity shall have up to three days following the next duly publicly noticed meeting of the governing body after the 45-day period, or extension, expires to provide the claimant a written statement identifying the disputed portion and the undisputed portion.

(D) Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. If the public entity fails to issue a written statement, paragraph (3) shall apply.

(2) (A) If the claimant disputes the public entity's written response, or if the public entity fails to respond to a claim issued pursuant to this section within the time prescribed, the claimant may demand in writing an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the public entity shall schedule a meet and confer conference within 30 days for settlement of the dispute.

(B) Within 10 business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the public entity shall provide the claimant a written statement identifying the portion of the claim that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. Any disputed portion of the claim, as identified by the contractor in writing, shall be submitted to nonbinding mediation, with the public entity and the claimant sharing the associated costs equally. The public entity and claimant shall mutually agree to a mediator within 10 business days after the disputed portion of the claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the claim. Each party shall bear the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator. If mediation is unsuccessful, the parts of the claim remaining in dispute shall be subject to applicable procedures outside this section.

(C) For purposes of this section, mediation includes any nonbinding process, including, but not limited to, neutral evaluation or a dispute review board, in which an independent third party or board assists the parties in dispute resolution through negotiation or by issuance of an evaluation. Any mediation utilized shall conform to the timeframes in this section.

(D) Unless otherwise agreed to by the public entity and the contractor in writing, the mediation conducted pursuant to this section shall excuse any further obligation under Section 20104.4 to mediate after litigation has been commenced.

(E) This section does not preclude a public entity from requiring arbitration of disputes under private arbitration or the Public Works Contract Arbitration Program, if mediation under this section does not resolve the parties' dispute.

(3) Failure by the public entity to respond to a claim from a contractor within the time periods described in this subdivision or to otherwise meet the time requirements of this section shall result in the claim being deemed rejected in its entirety. A claim that is denied by reason of the public entity's failure to have responded to a claim, or its failure to otherwise meet the time requirements of this section, shall not constitute an adverse finding with regard to the merits of the claim or the responsibility or qualifications of the claimant.

(4) Amounts not paid in a timely manner as required by this section shall bear interest at 7 percent per annum.

(5) If a subcontractor or a lower tier subcontractor lacks legal standing to assert a claim against a public entity because privity of contract does not exist, the contractor may present to the public entity a claim on behalf of a subcontractor or lower tier subcontractor. A subcontractor may request in writing, either on his or her own behalf or on behalf of a lower tier subcontractor, that the contractor present a claim for work which was performed by the subcontractor or by a lower tier subcontractor on behalf of the subcontractor. The subcontractor requesting that the claim be presented to the public entity shall furnish reasonable documentation to support the claim. Within 45 days of receipt of this written request, the contractor shall notify the subcontractor in writing as to whether the contractor presented the claim to the public entity and, if the original contractor did not present the claim, provide the subcontractor with a statement of the reasons for not having done so.

(e) The text of this section or a summary of it shall be set forth in the plans or specifications for any public works project that may give rise to a claim under this section.

(f) A waiver of the rights granted by this section is void and contrary to public policy, provided, however, that (1) upon receipt of a claim, the parties may mutually agree to waive, in writing, mediation and proceed directly to the commencement of a civil action or binding arbitration, as applicable; and (2) a public entity may prescribe reasonable change order, claim, and dispute resolution procedures and requirements in addition to the provisions of this section, so long as the contractual provisions do not conflict with or otherwise impair the timeframes and procedures set forth in this section.

(g) This section applies to contracts entered into on or after January 1, 2017.

(h) Nothing in this section shall impose liability upon a public entity that makes loans or grants available through a competitive application process, for the failure of an awardee to meet its contractual obligations.

(i) This section shall remain in effect only until January 1, 2020, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2020, deletes or extends that date."

RESOLUTION OF CONSTRUCTION CLAIMS OF \$375,000 OR LESS:

"20104. Application of article; provisions included in plans and specifications

(a) (1) This article applies to all public works claims of three hundred seventy-five thousand dollars (\$375,000) or less which arise between contractor and a local agency.

(2) This article shall not apply to any claims resulting from a contract between a contractor and a public agency when the public agency has elected to resolve any disputes pursuant to Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2.

(b) (1) "Public work" means "public works contract" as defined in Section 1101 but does not include any work or improvement contracted for by the State or the Regents of the University of California.

(2) "Claim" means a separate demand by the contractor for (A) a time extension, (B) payment of money or damages arising from work done by or on behalf of, the contractor pursuant to the contract for a public work and payment of which is not otherwise expressly provided for or the claimant is not otherwise entitled to, or (C) an amount the payment of which disputed by the local agency.

(c) The provisions of this article or a summary thereof shall be set forth in the plans or specifications for any work which may give rise to a claim under this article.

(d) This article applies only to contracts entered into on or after January 1, 1991."

"20104.2. Claims; requirements; tort claims excluded

For any claim subject to this article, the following requirements apply:

(a) The claim shall be in writing and include the documents necessary to substantiate the claim. Claims must be filed on or before the date of final payment. Nothing in this subdivision is intended to extend the time limit or supersede notice requirements otherwise provided by contract for the filing of claims.

(b) (1) For claims of less than fifty thousand dollars (\$50,000), the local agency shall respond in writing to any written claim within 45 days of receipt of the claim, or may request, in writing, within 30 days of receipt of the claim, any additional documentation supporting the claim or relating to defenses to the claim the local agency may have against the claimant.

(2) If additional information is thereafter required, it shall be requested and provided pursuant to this subdivision, upon mutual agreement of the local agency and the claimant.

(3) The local agency's written response to the claim, as further documented, shall be submitted to the claimant within 15 days after receipt of the further documentation or within a period of time no greater than that taken by the claimant in producing the additional information, whichever is greater.

(c) (1) For claims of over fifty thousand dollars (\$50,000) and less than or equal to three hundred seventy-five thousand dollars (\$375,000), the local agency shall respond in writing to all written claims within 60 days of receipt of the claim, or may request, in writing, within 30 days of

receipt of the claim, any additional documentation supporting the claim or relating to defenses to the claim the local agency may have against the claimant.

(2) If additional information is thereafter required, it shall be requested and provided pursuant to this subdivision, upon mutual agreement of the local agency and the claimant.

(3) The local agency's written response to the claim, as further documented, shall be submitted to the claimant within 30 days after receipt of the further documentation, or within a period of time no greater than that taken by the claimant in producing the additional information or requested documentation, whichever is greater.

(d) If the claimant disputes the local agency's written response, or the local agency fails to respond within the time prescribed, the claimant may so notify the local agency, in writing, either within 15 days of receipt of the local agency's response or within 15 days of the local agency's failure to respond within the time prescribed, respectively, and demand an informal conference to meet and confer for settlement of the issues in dispute. Upon a demand, the local agency shall schedule a meet and confer conference within 30 days for settlement of the dispute.

(e) Following the meet and confer conference the claim or any portion remains in dispute, the claimant may file a claim as provided in Chapter 1 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.6 of Title 1 of the Government Code. For purposes of those provisions, the running of the period of time within which a claim must be filed shall be tolled from the time the claimant submits his or her written claim pursuant to subdivision (a) until the time that claim is denied as a result of the meet and confer process, including any period of time utilized by the meet and confer process.

(f) This article does not apply to tort claims and nothing in this article is intended nor shall be construed to change the time periods for filing tort claims or actions specified by Chapter 1 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.6 of Title 1 of the Government Code.”

“20104.4. Civil action procedures; mediation and arbitration; trial de novo; witnesses

The following procedures are established for all civil actions filed to resolve claims subject to this article:

(a) Within 60 days, but no earlier than 30 days, following the filing or responsive pleadings, the court shall submit the matter to nonbinding mediation unless waives by mutual stipulation of both parties. The mediation process shall provide for the selection within 15 days by both parties of a disinterested third person as mediator, shall be commenced within 30 days of the submittal, and shall be concluded within 15 days from the commencement of the mediation unless a time requirement is extended upon a good cause showing to the court or by stipulation of both parties. If the parties fail to select a mediator within the 15-day period, any party may petition the court to appoint the mediator.

(b) (1) If the matter remains in dispute, the case shall be submitted to judicial arbitration pursuant to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of Part 3 of the Code of Civil Procedure, notwithstanding Section 1141.11 of that code. The Civil Discovery Act (Title 4 (commencing with Section 2016.010), of the Code of Civil Procedure) shall apply to any proceeding brought under this subdivision consistent with the rules pertaining to judicial arbitration.

(2) Notwithstanding any other provision of law, upon stipulation of the parties, arbitrators appointed for purposes of this article shall be experienced in construction law, and, upon stipulation of the parties, mediators and arbitrators shall be paid necessary and reasonable hourly rates of pay not to exceed their customary rate, and such fees and expenses shall be paid equally by the parties, except in the case of arbitration where the arbitrator, for good cause, determines a different division. In no event shall these fees or expenses be paid by state or county funds.

(3) In addition to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of Part 3 of the Code of Civil Procedure, any party who after receiving an arbitration award requests a trial de novo but does not obtain a more favorable judgment shall, in addition to payment of costs and fees under that chapter, pay the attorney's fees of the other party arising out of trial de novo.

(c) The court may, upon request by any party, order any witnesses to participate in the mediation or arbitration process.”

“20104.6. Payment on undisputed portion of claim; interest on arbitration award or judgment

(a) No local agency shall fail to pay money as to any portion of a claim which is undisputed except as otherwise provided in the contract.

(b) In any suit filed under Section 20104.4, the local agency shall pay interest at the legal rate on any arbitration award or judgment. The interest shall begin to accrue on the date the suit is filed in a court of law.”

W. WORKING HOUR RESTRICTIONS: Eight hours’ labor is a legal day’s work. Any workers time of service is restricted to eight hours during any calendar day and forty hours during any calendar week, unless overtime compensation is paid at not less than one and one-half times the basic rate of pay. The Contractor or Subcontractor shall, as a penalty to the District forfeit twenty-five dollars (\$25) for each worker employed in the execution of the contract by the respective Contractor or subcontractor for each calendar day during which the worker is required or permitted to work more than eight hours in any one calendar day and forty hours in any one calendar week in violation of the law.

X. EXAMINATION AND AUDIT: All documents and records that relate in any way to this Agreement shall be maintained for a period of three years after the final payment under this Agreement. These records shall be subject to the examination and audit by the District and by the

State Auditor, at the request of the District or as part of any audit of the District, for a period of three years after final payment under the Agreement.

Y. DELAYS AND EXTENSIONS OF TIME

6-6.4 Written Notice and Report. The first sentence of subsection 6-6.4 is hereby deleted and replaced with the following:

“If the Contractor desires payment for a delay as specified in Subsection 6-6.3 of the Standard Specifications, it shall notify the Engineer in writing within 3 days of the beginning of the delay. If the Contractor desires an extension of time as specified in Subsection 6-6.2 of the Standard Specifications, it shall notify the Engineer in writing within 3 days of the beginning of the delay. Such notice shall specify the nature of the delay, cause, and the conditions that set the beginning time for the delay.”

Z. PROTECTION AND RESTORATION OF EXISTING IMPROVEMENTS

The second paragraph of Subsection 7-9 of the Standard Specifications is hereby deleted and replaced with the following:

“The Contractor shall relocate, repair, replace, or reestablish all existing improvements within the project area which are not designated for removal (e.g., curbs, sidewalks, driveways, fences, walls, sprinkler systems, signs, utility installations, pavements, structures, etc.) which are damaged or removed as a result of his or her operations or as required by the Plans and Specifications.

Where existing traffic striping, pavement markings, and curb markings are damaged or their reflectivity reduced by the Contractor's operations, such striping or markings shall also be considered as existing improvements and the Contractor shall repaint or replace such improvements.

Relocations, repairs, replacements, or reestablishments shall be at least equal to the existing improvements and shall match such improvements in finish and dimensions unless otherwise specified.”

The last paragraph of Subsection 7-9 of the Standard Specifications is hereby deleted and replaced with the following:

“All costs to the Contractor for protecting, removing, restoring, relocating, repairing, replacing, or reestablishing existing improvements shall be included in the unit cost for the various items of work and no additional compensation will be allowed therefore.”

2. PUBLIC CONVENIENCE AND SAFETY

A. GENERAL: In addition to the requirements specified in Part 6 of the Standard Specifications, traffic control shall conform to the provisions of the latest edition of the State of California, Department of Transportation, "Manual of Traffic Controls."

The Contractor shall give one week advance notice prior to the start of construction to all residences and businesses facing or siding on the construction area. Said notice shall be in writing on the Contractor's letterhead and shall explain in concise terms the extent and nature of the Work, the anticipated schedule, and office and emergency telephone numbers where the Contractor's representative can be reached.

Should the Contractor appear to be neglectful or negligent in furnishing warning and protective measures, the Engineer may direct attention to the existence of a hazard and the necessary warning and protective measures shall be furnished and installed immediately by the Contractor at his or her expense.

Should the Engineer point out the inadequacy of warning and protective measures, such action on the part of the Engineer shall not relieve the Contractor from responsibility for public safety or abrogate his or her obligation to furnish and pay for these devices.

If the Contractor cannot be contacted or if attention is directed to the existence of a hazard and the Contractor fails to provide the necessary safety devices, said devices will be placed, or caused to be placed, by the District. The cost of placement to these devices shall be the sole responsibility of the Contractor and shall be paid for at the rate of \$50 per call-out plus \$25 per traffic control device for each 24 hours, or fraction thereof, that the device is required. Said costs shall be deducted from the total contract price for the work.

Prior to beginning any construction, the Contractor shall furnish the Engineer with local emergency phone numbers where he or she or a representative may be contacted during non-working hours or days for the purpose of replacing or providing additional warning or safety devices as directed by the Engineer.

B. UTILITIES: It is anticipated that the existing utilities will not interfere with the Contractor's construction operations. However, the Contractor shall exercise due care to ensure that the utility facilities are not damaged during his or her operations, and must notify utilities and obtain an identification number before excavation or be subject to liability for damages to subsurface installations. When in doubt, the Contractor shall contact the utility concerned before proceeding further.

Upon completion of the project, the Contractor shall be responsible to remove all painted utility markings, whether done by him or her or the respective utility owners on behalf of the contractor for this project work, from the surfaces of sidewalks, driveway approaches, curbs and gutters using the removal method acceptable to the Engineer. Any damage to sidewalks, driveway approaches, curbs and gutters due to the Contractor's removal operation shall be repaired at the Contractor's expense and to the satisfaction of the Engineer. Payment for removing utility markings shall be included in other items of work, and no additional compensation will be allowed therefore.

C. LOCATION: The location and existence of any underground utility or substructure, if shown on Plans, was obtained from a search of available records. No guarantee is made or implied that the information is complete or accurate. It shall be the Contractor's responsibility alone to determine the exact location of underground utilities or substructures of every nature and to protect them from damage. The Contractor shall excavate and expose all high-risk underground facilities.

The Contractor shall notify the owners of all utilities and substructures as set forth in the General Provisions.

D. RELOCATION: The second sentence of the last paragraph of Subsection 5-4 of the Standard Specifications is hereby deleted and replaced with the following:

When not otherwise required by the Plans and Specifications and when directed by the Engineer, the Contractor shall arrange for the relocation of service connections, as necessary, between the meter and property line, or between the meter and limits of construction.

The Contractor shall be compensated for the costs of locating and repairing, removing and relocating utility facilities, provided that any damage is not due to the failure of the Contractor or subcontractor to exercise reasonable care and the utility facilities were not indicated in the plans and specifications with reasonable accuracy. The Contractor shall not be assessed liquidated damages for delay in completion of the project, when such delay was caused by the failure of the District or the owner of the utility to provide for removal or relocation of such utility facilities.

E. DELAYS: The second paragraph of Subsection 5-5 is hereby deleted and replaced with the following two paragraphs:

The Contractor will not be entitled to damages or additional payment for delays attributable to utility relocations or alterations if correctly located, noted and completed in accordance with Subsection 5-1. The Contractor shall ascertain further detailed information to coordinate his or her work to this effect.

All notification of utility companies shall be by the Engineer based on Contractor's request as submitted to the Engineer at least 72 hours in advance of the needed work. Any costs for delay of the Contractor or utility companies in this regard shall be assigned to the Contractor, if these costs are a result of the Contractor's request being untimely in any respect, except for the utility company not responding at their agreed time.

F. AIR POLLUTION CONTROL

Section 7-8.2, "Air Pollution", of the Standard Specifications is supplemented by the following:

“The Contractor shall comply with all air pollution control rules, regulations, ordinances and statutes which apply to any work performed pursuant to the contract including any air pollution control, rules, regulations, ordinances and statutes specified in Section 11017 of the Government Code.

In the absence of any applicable air pollution control rules, regulations, ordinances or statutes governing solvents, all solvents, including but not limited to the solvent portions of paints, thinners, curing compounds, and liquid asphalt used on the project shall comply with the applicable material requirements of the County Air Pollution Control District. All containers of paint, thinner, curing compound or liquid asphalt shall be labeled to indicate that the contents fully comply with said requirements.”

G. WATER POLLUTION: The Contractor shall comply with the requirements of Subsection 7-8.6 of the Standard Specifications and shall conduct his or her operations so as to prevent portland cement, mud, silt or other materials from entering the surface drainage structures of the adjoining street and any underground storm drainage system.

Full compensation for prevention of water pollution and all required control work for preservation, clean-up and restoration of damaged property shall be considered as included in the unit cost for the various contract items of work, and no additional compensation will be allowed therefor.

H. PROJECT APPEARANCE: The Contractor shall maintain a neat appearance to the work.

Full compensation for conforming to the provisions of this section not otherwise provided for shall be considered as included in unit cost for the various contract items of work involved and no additional compensation will be allowed therefor.

I. WORK HOURS: The Contractor's working hours shall be limited to the hours between 7:00 a.m. and 7:00 p.m., excluding recognized holidays. Deviation from normal working hours will not be allowed without prior consent of the District Engineer.

In the event work is allowed by the Engineer outside of the normal working hours, at the request of and for the benefit of the Contractor, inspection service fees may be levied against the Contractor at a rate of \$50.00 per hour, including travel time where applicable. The above charge may also be levied if inspection services are deemed necessary by the Engineer as a matter of public safety or to otherwise insure the quality of the work.

J. CONSTRUCTION YARD: It shall be the Contractor's responsibility to locate any storage sites for materials and equipment needed and such sites must be approved in advance by the Engineer and must be free of objectionable material. The Contractor must submit to the Engineer for approval any and all agreement(s) between the Contractor and the property owner(s) of said storage site(s) and/or construction site(s) for approval prior to the start of construction. Said agreement(s) must provide for the restoration of the site(s) by the Contractor prior to the filing of "Notice of Completion" by the Engineer. Full compensation shall be considered as included in unit cost for the various contract items of work involved and no additional compensation will be allowed therefor.

No equipment or material used for staging shall be allowed to be stored on any District property or city streets during non-work time. All stage equipment and/or material shall be stored offsite

and if such location is used, it shall be submitted in writing and approved by the District Engineer. All costs associated with such staging and location shall be included in other bid items of work and no additional compensation will be allowed thereof.

K. SANITARY CONVENIENCE: Necessary sanitary facilities for the use of the workmen performing the work, properly secluded from public observation and in compliance with health ordinances and laws, shall be constructed and maintained by Contractor, in a manner approved by the Engineer, and the use of such facilities shall be strictly enforced by the Contractor.

L. INSPECTION: The Engineer, or his or her authorized agent, shall at all times have access to work during construction and shall be furnished, to the extent possible, complete information and all documentation to ascertain full knowledge regarding the progress, workmanship and character of materials used and employed in the work. Whenever required, the Contractor shall furnish to the District for test, and free of charge, samples of any one of the materials proposed to be used in the work. Said samples shall be delivered by the Contractor at the place within the District designated by the Engineer. Rejected material must be immediately removed from the work by the Contractor and shall not again be brought back to the site of the improvement.

The Contractor shall notify the Engineer or his or her authorized agent forty-eight (48) hours in advance when he or she will require inspection for either material or work to be done.

The inspection of the work shall not relieve the Contractor of any of his or her obligations to fulfill the contract as prescribed. Defective work shall be made good, and unsuitable materials may be rejected, notwithstanding the fact that such defective work and unsuitable materials have been previously overlooked by the Engineer or his or her authorized agent and accepted or estimated for payment.

M. RESPONSIBILITY OF THE DISTRICT: The District shall not be held responsible for the care or protection of any material or parts of the work prior to final acceptance, except as expressly provided for in these Contract Documents.

N. RECYCLING OF MATERIALS: Contractor's Obligation. Recycling of asphalt concrete, portland cement concrete, aggregate base, and green waste (trees and shrubs) is required. The Contractor is required to recycle at least 50% of all recyclable materials. All recycled materials shall be weighed on a certified weigh scale with weight tickets showing project name. RECORDS OF DISPOSAL, INCLUDING WEIGHT OF MATERIALS, SHALL BE SUBMITTED TO THE DISTRICT ON A MONTHLY BASIS.

Prior to commencing work, the Contractor shall complete the "Construction and Demolition Waste Reduction and Recycling Plan" form and submit it to the Parks Department for review and approval. The Contractor will be expected to follow the approved Plan and document results during construction. At the completion of activities, the Contractor shall submit the "Construction and Demolition Waste Reduction and Recycling Report" form to the Public Works Department for review and approval of compliance with the Plans. The above-referenced forms are provided in Appendix 2.

The Contractor is obligated, under this contract, to recycle the waste material through an approved recycling plant. **In the event the Contractor fails to comply with the C&D requirements (at least 50%), three percent (3%) of the approved contract amount will be forfeited to the District by Contractor as a penalty.**

Payment for Recycling of Materials shall be included in the unit cost for the various contract items of work and no additional compensation will be allowed therefor.

O. TRAFFIC AND ACCESS: *The Contractor shall notify the occupants of all affected properties at least 48 hours prior to any temporary obstruction of access. Vehicular access to property line shall be maintained, except as required for construction for a reasonable period of time. No overnight closure of any driveway will be allowed, except as permitted by the Engineer. Temporary ramps for driveways shall be provided and maintained by the end of each working day and during the weekends. Temporary driveway ramps shall be constructed with crushed miscellaneous base as directed by the Engineer.*

Contractor shall maintain vehicular, bicycle, and pedestrian traffic access through the project area at all times. A minimum of one 12-foot wide traffic lane and a minimum of one 4-foot wide all-weather paved pedestrian walkway shall be provided at all times, except as permitted by the Engineer. During times when less than 2 lanes of traffic are provided, contractor shall provide traffic control for the entire duration there is less than 2 lanes. The traffic lanes shall be maintained on all-weather pavement and shall remain unobstructed.

P. STREET CLOSURES, DETOURS, BARRICADES, PARKING: Street closures will not be allowed, except as specifically permitted by the Engineer.

The Contractor shall prepare any traffic control or detour plans that may be required as directed by the Engineer.

Lane transitions shall conform to the Caltrans Traffic Manual, Section 5-08.4, "Transition Area."

Temporary traffic channelization shall be accomplished with delineators. Temporary striping will not be allowed unless specifically permitted by the Engineer. The Contractor shall prepare any plans that may be required for temporary striping to the satisfaction of the Engineer. In no event will temporary striping be allowed on finished pavement surfaces which are to remain.

The Contractor shall schedule an employee to police the temporary delineators and barricades within the travel way during weekday, nonworking hours and over Saturdays, Sundays, and holidays. Any corrective work required to be done by District forces shall be back charged to the Contractor based on the actual costs, plus District overhead and withheld from the final payment.

As specified in the General Provisions, the schedule shall be submitted to the Engineer for approval prior to commencing work. This schedule shall allow affected people ample "on-street" parking within a reasonable distance from their homes and businesses. Requests for changes in the schedule shall be made in accordance with the General Provisions.

Temporary “No Parking” signs shall be posted at least 24 hours, but no more than 48 hours, in advance of the work. The signs shall be placed no more than 250 feet apart on each side of the street and at shorter intervals if conditions warrant. Signs shall be posted only for the areas necessary to accomplish the work. The Contractor shall provide the signs and will be responsible for adding the dates and hours of closure to the signs, removal of the signs, and furnishing and placing of barricades, if necessary, for posting of signs. All signs shall be removed within 48 hours after the effective date.

Payment for STREET CLOSURES, DETOURS, BARRICADES, PARKING shall be considered as included in the unit cost for bid item: “Traffic Control” no additional compensation will be allowed therefor.

TECHNICAL PROVISIONS
PLEASANT VALLEY RECREATION & PARK DISTRICT
SPECIFICATIONS FOR THE
PROJECT
SPEC NO.

Section 01 10 10	Bid Alternate Work
Section 01 10 20	Fencing and Protection
Section 02 41 10	Existing Conditions and Removal
Section 02 41 20	Tree Removal
Section 02 41 30	Turfgrass Spraying and Removal
Section 03 30 10	Concrete Footings
Section 04 22 10	Masonry
Section 12 93 10	Site Furnishings
Section 12 93 20	Bleachers
Section 26 05 10	Electrical
Section 32 13 13	Concrete Work
Section 32 18 13	Synthetic Turf
Section 32 31 13	Chain Link Fence and Gates
Section 32 31 19	Chain Link Backstops and High Fencing
Section 32 84 23	Irrigation System
Section 32 90 20	Landscape Maintenance
Section 32 93 15	Landscape Planting

**SECTION 01 10 10
BID ALTERNATE WORK**

PART 1 GENERAL

1.01 SECTION INCLUDES

 This section includes requirements for the bid alternate work .

1.02 SUBMITTALS

 Submit a total price for the bid alternate work on the space provided on the bid form. The price shall include the total cost for all labor and materials required to complete the work.

PART 2 BID ALTERNATES

2.01 BID ALTERNATE NO. 1

- A. Bid Alternate No. 1 includes the installation of the Miracle League Custom Homer Concrete Sculpture.
- B. The Miracle League Custom Homer Sculpture shall be manufactured by Landscape Structures, Inc., with all necessary accessories for installation.
- C. Install the Miracle League Custom Homer Sculpture per manufacturer's installation instructions.

2.02 BID ALTERNATE NO. 2

 Bid Alternate No. 2 includes the installation of foul poles per the drawings.

PART 3 MEASUREMENT AND PAYMENT

3.01 MEASUREMENT AND PAYMENT

 Measurement and payment for bid alternate work will be made as the contract lump sum price bid and shall include full compensation for all items in the Contract Documents. Provide the lump sum price in the space provided on Bid Schedule of Work and Prices.

END OF SECTION 01 10 10

**SECTION 01 10 20
FENCING AND PROTECTION**

PART 1 GENERAL

1.01 SECTION INCLUDES

This section includes general requirements for temporary fencing and protection of the work area and the campus.

1.02 SUBMITTALS

Submit, for approval, all catalog cuts and or specification sheets for all temporary fencing products.

1.03 QUALITY ASSURANCE

Fencing shall be installed by a qualified fence company with a C13 license.

PART 2 PRODUCTS

2.01 TEMPORARY FENCING

Temporary fencing shall be 6 feet high chain link fence fabric attached to post and frames in a secure manner. Barb wire and or razor wire is not allowed. Provide access gates as required.

PART 3 EXECUTION

3.01 FENCE LAYOUT

Contractor shall submit to the District for approval, a schematic fence layout showing the location of gates, fence panels, and method of attachment of panels and post. This plan must be approved by the District prior to start of the work.

3.02 FENCE INSTALLATION

- A. Install fencing and post so that no damage occurs to the existing underground conduits or paving. Immediately repair all damage to the existing conditions that may occur because of the fence installation.
- B. If fence panels have post with a horizontal support frame, the frame shall be visually apparent to prevent any trip hazard. Method must be approved by the District.

3.03 FENCE REPAIR

Immediately repair any damage to the fencing that may occur.

PART 4 MEASUREMENT AND PAYMENT

4.01 MEASUREMENT AND PAYMENT

Measurement and payment for all fencing and protection will be made as the contract lump sum price bid and shall include full compensation for all items in the Contract Documents. Provide the lump sum price in the space provided on Bid Schedule of Work and Prices.

END OF SECTION 01 10 20

**SECTION 02 41 10
EXISTING CONDITIONS AND REMOVALS**

PART 1 GENERAL

1.01 SECTION INCLUDES

This section includes general requirements for the removal of the existing grass, trees, and other items indicated on the plans.

1.02 IMPORT SOIL

The source of any required imported soil shall be tested and approved by the District prior to any delivery.

1.03 DISPOSAL OF MATERIALS

Remove items such as landscape materials, concrete paving, and all other miscellaneous items scheduled to be removed and properly dispose of these items as they accumulate. Do not store or permit debris to accumulate on the site.

PART 2 PRODUCTS

(Not Used)

PART 3 EXECUTION

3.01 INSPECTION

- A. Prior to starting, inspect the site with the District Inspector to verify all removals required to complete the work.
- B. Examine surfaces for conditions that will adversely affect execution, permanence, and quality of work of this Section.
- C. Do not proceed with work until unsatisfactory conditions have been corrected.
- D. Locate existing active utility lines and provide for their protection.

3.02 CLARIFICATION

Drawings do not indicate all objects existing on site. Before commencing work, verify with the District any existing items that may affect the work.

3.03 PROTECTION OF UTILITIES

- A. There are existing electrical, signal, systems within the work area. Preserve and maintain, in working condition, all active utilities traversing the site.
- B. There are existing irrigation main line and irrigation valves that traverse the work area. Protect the irrigation system during the removals work. The existing irrigation main lines and valves will be relocated; however, they service planting areas out of the work area. Coordinate this work with the District Inspector.
- C. When required to verify location of existing utilities to avoid conflicts pot-hole and field verify the existing utility line prior to excavation work.

3.04 PROTECTION OF EXISTING PLANTS

Protect existing trees, not otherwise indicated to be removed, against unnecessary cutting, breaking, skinning, and bruising of bark. Avoid smothering of trees with stockpile building materials or excavated materials within drip line.

3.05 SAWCUTTING

When removing concrete and/or asphalt, first mark with paint and receive approval from the District Inspector then sawcut a clean straight line for removal work.

3.06 EXISTING PAVING

Existing concrete and asphalt paving scheduled to be removed throughout the work area shall be removed completely including any base material. Sawcut were paving joints existing paving to be protected.

3.07 EXISTING TREE AND SHRUB REMOVALS

- A. Before removing any trees and shrubs review in the field with the District Inspector and the Landscape Architect to verify that tree and shrub removal designation is correct.
- B. Remove trees and shrubs in its entirety including stump and roots within 12" of surface.
- C. Depression and voids caused by plants, trees and stump and root removal shall be returned to natural grade with clean topsoil.

3.08 EXISTING LAWN AREAS

Existing lawn areas shall be sprayed and killed prior to removal. See Section 02 31 30 Turf Grass Spraying.

3.09 DISPOSAL

- A. All debris resulting from demolition and removals shall become the property of the Contractor to dispose of or salvage. Debris shall not be allowed to accumulate on site unless the District specifies a site location and security requirement. The Contractor shall be responsible for its prompt removal from the site and disposal in a legal manner.
- B. Prevent debris from migrating outside of construction areas.

PART 4 MEASUREMENT AND PAYMENT

4.01 MEASUREMENT AND PAYMENT

Measurement and payment for all existing conditions and removal work will be made as the contract lump sum price bid and shall include full compensation for all items in the Contract Documents. Provide the lump sum price in the space provided on Bid Schedule of Work and Prices.

END OF SECTION 02 41 10

**SECTION 02 41 20
TREE REMOVAL**

PART 1 GENERAL

1.01 SECTION INCLUDES

This section includes requirements for the removal of trees and tree stumps.

1.02 QUALIFICATIONS

- A. Work crews shall be trained according to tree care standards accepted by the International Society of Arboriculture.
- B. Provide qualified tree workers, trained to Work around primary electrical lines when performing Work in trees underneath primary power lines. The Contractor shall comply with the "Electrical Safety Orders" of the State of California, including all amendments and revisions.

1.03 PUBLIC SAFETY AND COOPERATION

- A. All tree Work shall be conducted in a manner as to cause the least possible interference with, or annoyance to others. Pedestrian and vehicular traffic shall be allowed to pass through the Work areas only under conditions of safety and with as little inconvenience and delay as possible. Unless the Work area is totally barricaded or otherwise kept safe, at least one representative of the Contractor shall serve to coordinate safe operations on the ground at all times when Work operations are in progress.
- B. Whenever larger tree sections are being cut in a treetop which may endanger persons or property, such sections shall be secured by ropes and lowered safely to the ground in a controlled manner.
- C. Contractor shall ensure that all fire hydrants, meter vaults, water and gas shut off valves and similar facilities are accessible during the course of Work. Contractor shall maintain clear passage and least amount of inconvenience to public traffic ways, businesses, and residences.
- D. Contractor shall strive to keep noise levels, resulting from his operations to a minimum at all times, especially during the school hours.
- E. The Contractor shall comply with all tree pruning related safety requirements as stated in the safety standards ANSI Z133.1 of the American National Standards Institute, Inc.

1.04 DAMAGE TO PUBLIC OR PRIVATE PROPERTY

Should any structure or property be damaged during the operations of the Contractor, immediately notify PVRPD. Repairs to property damaged by the Contractor shall be made within 48 hours, except utility lines which shall be repaired the same working day. Repairs on private property shall be made in accordance with the appropriate building code under permits issued by the City. Any damage caused by the Contractor shall be repaired or restored by the Contractor at his expense to a condition similar or equal to that existing before such damage or injury, or he shall repair such damage in a manner acceptable to PVRPD.

PART 2 PRODUCTS

2.01 TOPSOIL

Imported fill, if necessary, shall be sandy loam Class "A" soil free of weeds, rocks, debris and shall be suitable for normal plant growth. Soil material shall be approved by the Landscape Architect prior to delivery and conform to Section 212-1.1.2 of the SSPWC.

PART 3 EXECUTION

3.01 TREE REMOVAL

- A. Before removing any trees, review in the field with PVRPD and the Landscape Architect to verify that tree removal designation is correct.
- B. Comply with all safety requirements of Paragraph 1.04 herein.
- C. Remove tree in its entirety including stump and roots within 12" of surface.
- D. Depression and voids caused by tree stump and root removal shall be returned to natural grade with clean Class 'A' topsoil.

3.02 STUMP REMOVALS

Remove all tree stumps and major anchor roots with grinding machine to a minimum depth of 12".

3.03 SITE REVIEW

Prior to start of work, walk the site with the Landscape Architect and inspector to verify all removals within the designated areas.

3.04 CLEARING AND GRUBBING

- A. Clearing and grubbing prior to fine grading.
- B. Grub out all roots 2" in diameter and larger to a depth of at least 12" below finish grade.

3.05 DISPOSAL OF MATERIALS

Remove debris and rubbish resulting from the Work and properly dispose of it as it accumulates. Do not store or permit debris to accumulate on the site. Do not burn debris and rubbish at the site.

3.06 SITE CLEAN-UP

Clean-up of branches, limbs, logs, or any other debris resulting from any tree operations shall be promptly and properly accomplished. The Work area shall be kept safe at all times until all operations are completed. Under no circumstances shall the accumulation of brush, limbs, logs, or other debris be allowed in such a manner as to result in a hazard to the public. All debris from tree operations shall be cleaned up each day before the Work crew leaves the site unless permission is given by PVRPD to do otherwise. All lawn areas shall be raked, all streets and sidewalks shall be swept, and all brush, branches or other debris shall be removed from the site. Areas are to be left in a condition equal to or better than that which existed prior to the commencement of tree operations.

PART 4 MEASUREMENT AND PAYMENT

4.01 MEASUREMENT AND PAYMENT

Measurement and payment for all tree removal work will be made as the contract lump sum price bid and shall include full compensation for all items in the Contract Documents. Provide the lump sum price in the space provided on Bid Schedule of Work and Prices.

END OF SECTION 02 41 20

**SECTION 02 41 30
TURFGRASS SPRAYING AND REMOVAL**

PART 1 GENERAL

1.01 SECTION INCLUDES

This section includes requirements for the spraying of the existing turf grass.

1.02 QUALITY ASSURANCE

- A. Contractor shall have a valid Applicators License issued by the State of California D.F.A.
- B. Contractor shall comply with the California Department of Pesticide Regulations.

PART 2 PRODUCTS

2.01 TARGET SPECIES

The weed species (target species) scheduled for removal include existing lawn areas identified on the Drawings.

2.02 HERBICIDE

For this work, the Contractor shall select an herbicide that will effectively kill the grass lawn area as indicated on plans.

PART 3 EXECUTION

3.01 EXAMINATION OF SITE

- A. The Contractor shall examine the site and observe the conditions under which the work shall be done and note any circumstances which will affect the work.
- B. Prior to application of herbicide, the Contractor shall walk the site with the Landscape Architect and Inspector for the purpose of identifying the work area and the target species.

3.02 SITE POSTING

Comply with all State and PVRPD requirements for posting notifications on site.

3.03 MANUFACTURER'S PRODUCT LABEL

- A. Contractor shall have all current product labels and Material Safety Data Sheets on the job site when the work is in progress.

- B. Submit to PVRPD, prior to the start of work, written recommendations for all product, rates of application, and copies of labels and M.S.D.S.

3.04 APPLICATION

Apply two (2) separate applications of herbicide with recommended kill time between applications.

3.05 TURF REMOVALS

After turf kill is approved by Inspector, scrape and remove from the site lawn areas designated to be removed.

3.06 DISPOSAL

Dispose dead turf in a legal manner.

PART 4 MEASUREMENT AND PAYMENT

4.01 MEASUREMENT AND PAYMENT

Measurement and payment for all turfgrass spraying and removal work will be made as the contract lump sum price bid and shall include full compensation for all items in the Contract Documents. Provide the lump sum price in the space provided on Bid Schedule of Work and Prices.

END OF SECTION 02 41 30

**SECTION 03 30 10
CONCRETE FOOTINGS**

PART 1 GENERAL

1.01 SECTION INCLUDES

This section includes general requirements for the installation of the concrete footings for masonry walls and light poles.

1.02 QUALITY ASSURANCE

- A. For concrete finishing, use only trained and experienced concrete finishers.
- B. Comply with all specific testing and inspection requirements indicated on drawings.

1.03 SUBMITTALS

Mix design shall be submitted to the Inspector for approval prior to pour. The mix design shall show the mix identification number and the applicable proportions, weights, and quantities of Portland cement, aggregate, water, and admixtures. The mix design submittal shall also include the size and source of aggregate, the type and source of Portland cement, the branch and designation of admixtures, and the type of construction for which the concrete is used.

1.04 INSPECTIONS

The Contractor shall receive written approval on required inspections prior to proceeding with the next item of work. After excavation of all footing, subgrades must be approved prior to concrete pour.

PART 2 PRODUCTS

2.01 CONCRETE

- A. All concrete footings shall be hardrock with a minimum compressive strength at 28 days of $f_c = 3,000$ PSI and conform to ASTM C-94.
- B. Cement: ASTM C-150, Type I or II, low alkali.
- C. Aggregate: ASTM C-33, non-reactive, 1 inch maximum.
- D. Slump: Maximum slump – 4 inches.

2.02 REINFORCING STEEL

Reinforcing steel for masonry work shall be deformed and shall conform to ASTM A-615, Grade 60, with #3 ties 40 grade, and free of loose rust and materials that reduce bond. All reinforcing steel shall be positioned as indicated on Drawings.

PART 3 EXECUTION

3.01 FOOTING EXCAVATION AND COMPACTION

Comply with grading and compaction recommendations prepared by Earth Systems letter dated September 6, 2022, Project No. 302555-001, Report No. 22-9-26.

3.02 SURFACE CONDITIONS

- A. Take adequate precautions for mixing, placing, finishing, curing, and protecting concrete during unfavorable weather conditions.
- B. Prior to all work of this Section, carefully inspect other trades and verify that all such work is complete to the point where the concrete pour may properly commence.
- C. All concrete shall be properly consolidated during placement. All reinforcing steel, if required, and all embedded items shall be secured in place to prevent displacement during concrete placement.
- D. Verify that concrete may be placed to the lines and elevations required for the work.

3.03 PREPARATION

- A. Foundation excavation and compaction shall be approved by the Inspector prior to any steel placement.
- B. Steel rebar placement shall be approved by the Inspector prior to placement of concrete.

3.04 PLACING CONCRETE

- A. Convey concrete from mixer to place of final deposit by methods that will prevent separation and loss of materials.
- B. For chuting, pumping and pneumatically conveying concrete, use only equipment of such size and design as to ensure a practically continuous flow of concrete at the delivery and without loss or separation of materials.
- C. Deposit concrete as nearly as possible in its final position to avoid segregation due to rehandling and flowing.
- D. Place concrete as dry as possible consistent with good workmanship, never exceeding the maximum specified slump.
- E. Place concrete at such a rate that concrete is at all times plastic and flows readily between bare bars.
- F. When placing is once started, carry it on as a continuous operation until placement of the entire footing is complete.

- G. Thoroughly consolidate all concrete by suitable means during placement, working it around all embedded fixtures and into corners of forms.
- H. The exposed pedestal footing above the finish grade shall be formed with smooth clean formwork to present a smooth exterior finish free from major defects. Form work must be approved prior to pour.

3.05 CURING AND PROTECTION

Freshly deposited concrete shall be protected from premature drying and excessively hot or cold temperatures and shall be maintained without drying at a relatively constant temperature for the period of time necessary for the hydration of the cement and proper hardening of the concrete.

PART 4 MEASUREMENT AND PAYMENT

4.01 MEASUREMENT AND PAYMENT

Measurement and payment for all concrete footings will be made as the contract lump sum price bid and shall include full compensation for all items in the Contract Documents. Provide the lump sum price in the space provided on Bid Schedule of Work and Prices.

END OF SECTION 03 30 10

**SECTION 04 22 10
MASONRY**

PART 1 GENERAL

1.01 SECTION INCLUDES

This section includes general requirements for the Masonry Pilasters and Masonry Walls.

1.02 SUBMITTALS

- A. Obtain written approval from the Inspector for the following prior to use:
1. Block Sample (submit a minimum of five pieces).
 2. Concrete mix design for footings.
 3. Mortar mix design.
 4. Grout mix design and color.

1.03 DELIVERY AND STORAGE

Store all materials in a site location that has been approved by the Inspector. Keep all materials clean, safe and protect from any damage.

1.04 QUALITY ASSURANCE

Masonry work shall be constructed by a Licensed Masonry Contractor with a valid California C-29 License.

1.05 INSPECTIONS

Each phase of the work must be inspected and approved by the Inspector prior to the start of the next phase.

PART 2 PRODUCTS

2.01 MASONRY UNITS

- A. Masonry units shall be Angelus Block Slumpstone, 8 x 6 x 16 (8" wide), tan color, normal weight, ASTM C-90.
- B. Caps shall be Slumpstone 8 x 2 x 16, tan color.

2.02 REINFORCING STEEL

Reinforcing steel for Masonry work shall be deformed and shall conform to ASTM A-615, Grade 60, with #3 ties, 40 grade, and free of loose rust and materials that reduce bond. All reinforcing steel shall be positioned as indicated on Drawings.

2.03 MORTAR

- A. Mortar proportions shall conform to CBC Table 2103A.2, Type "S."
- B. Mortar shall be Angelus block, spec mix, color Medium Tan.

2.04 GROUT

Grout shall conform to Table 2103A.3 of the CBC and ASTM C-476, Table 1, and shall have a minimum compressive strength at 28 days of 2,000 PSI.

PART 3 EXECUTION

3.01 MASONRY

- A. Masonry work shall conform to Chapter 21A of the California Building Code.
- B. Cut units with masonry saws.
- C. Reserve unobstructed vertical continuity of cells.
- D. Grout all cells solid.
- E. Fractional parts of masonry units are prohibited where whole units can be used.
- F. Pilasters require inserts of fabricated steel brackets for fencing attachments and signage. Coordinate the Work for proper connections as indicated on the details.

3.02 REINFORCING STEEL

Lap splices of reinforcing steel in masonry shall be 48 bar diameters with a minimum of 24 inches, whichever is greater.

3.03 GROUT

Grout shall be properly consolidated by "puddling" or mechanical vibrators. All reinforcing steel and embedded items shall be properly secured in position prior to grouting. Grout all cells. Five (5) feet is maximum grout lift.

3.04 DOWELS

Provide vertical dowels with standard hooks at bottom for all vertical reinforcing, unless otherwise noted on Drawings.

3.05 HORIZONTAL STEEL

Horizontal steel shall be in lintel or channel blocks.

3.06 JOINTS

Joints shall be tooled concave.

3.07 CLEAN-UP

- A. At completion of the work in this Section, make a thorough inspection of installed masonry and verify that units have been installed in accordance with the provisions of this Section.
- B. Make necessary adjustments.
- C. Clean-up and disposal of all Work-related materials shall be the responsibility of the Contractor.
- D. Restore adjacent areas to original condition and remove excess dirt and any unused materials from the site.

PART 4 MEASUREMENT AND PAYMENT

4.01 MEASUREMENT AND PAYMENT

Measurement and payment for all masonry work will be made as the contract lump sum price bid and shall include full compensation for all items in the Contract Documents. Provide the lump sum price in the space provided on Bid Schedule of Work and Prices.

END OF SECTION 04 22 10

SECTION 12 93 10 SITE FURNISHINGS

PART 1 GENERAL

1.01 SECTION INCLUDES

This section includes general requirements for the installation of Site Furnishings: bench for wheelchair companion seating, players bench, trash containers, and the miscellaneous items required to complete the installations.

1.02 SUBMITTALS

Submit for approval, catalog sheets, Manufacturer's brochures, and specifications for all site furnishing and miscellaneous items indicated on the plans and specifications.

1.03 DELIVERY AND STORAGE

Site furnishings and miscellaneous items shall be delivered and unloaded at the job site in such a manner that no damage occurs. Deliver items same day as installation to avoid storage, unless otherwise approved by the Inspector.

1.04 QUALITY ASSURANCE

The installing Contractor must demonstrate the ability to follow the detailed Manufacturer's installation instructions and have experience in the assembly of the benches and trash cans specified.

PART 2 PRODUCTS

2.01 BENCHES

- A. Bench for wheelchair companion seating shall be Wabash Valley Manufacturing, Inc. 4' bench with back, contemporary series, perforated pattern, surface mount, green color with black frame. Model number CN400P or equal.
- B. Players' bench shall be Steelcraft Products model no. LBA-15P aluminum bench.

2.02 TRASH RECEPTACLE

Trash receptacle shall be Forms + Surfaces Urban Renaissance Receptacle, green color, 36 gallons with recyclable bin or equal.

PART 3 EXECUTION

3.01 ASSEMBLY

- A. Install benches and trash receptacle as indicated on the drawings, straight, true, and plumb. Follow Manufacture's installation instructions and specifications.
- B. Field verify with the Inspector the exact location of all site furnishings.
- C. Install securely with specified strong bolts and cover plates as per details.

PART 4 MEASUREMENT AND PAYMENT

4.01 MEASUREMENT AND PAYMENT

Measurement and payment for all site furnishings will be made as the contract lump sum price bid and shall include full compensation for all items in the Contract Documents. Provide the lump sum price in the space provided on Bid Schedule of Work and Prices.

END OF SECTION 12 93 10

**SECTION 12 93 20
BLEACHERS**

PART 1 GENERAL

1.01 SECTION INCLUDES

 This section includes general requirements for the installation of the bleachers.

1.02 RELATED SECTIONS

 Section 32 13 13 – Concrete Work

1.03 SUBMITTALS

- A. Submit Manufacturer's product information and installation instructions.
- B. Submit material specifications and installation methods for all other products required to complete the work.

1.04 PROTECTION

- A. Contractor shall protect all existing features from damage as a result of his operation.
- B. Contractor shall secure and protect all bleacher components at all times until the final approval by the Inspector. This includes responsibility for all handling, storage, and security. Any damaged or stolen bleacher components shall be replaced by the Contractor at his own expense.

1.05 INSPECTIONS

- A. Concrete footings shall require inspections prior to concrete placement.
- B. Bleacher assembly shall require periodic inspection by the Inspector.
- C. Any non-compliance items shall be corrected by the Contractor at no additional cost.

1.06 ASSEMBLY

 Manufacturer's shop drawings, specifications and installation instructions are a part of these specifications. Plans essentially show bleacher location. Contractor shall make use of all information as necessary for proper installation.

PART 2 PRODUCTS

2.01 BLEACHERS – GENERAL REQUIREMENTS

- A. The bleachers specified for this project are manufactured by PW Athletic Company, Model No. 1171-515VBGRG or equal.
- B. Bleacher Frames, Horizontal and Diagonal Bracing: Fabricated from 2" x 2" x 3/16" galvanized steel. Frames are welded into a single unit. Frames are required to be attached to the concrete footings as per details on the plan.
- C. Standard Series Bleachers conform to the requirements of ICC 300-2012. 5 Row, 15' long with guard rail.
- D. Seat and Foot Planks: Nominal 2" x 10" x 15' extruded, ribbed aluminum. The edges and tops of planks shall be ribbed. The ribbed pattern, non-slip surface, is designed for safety and comfort. All exposed ends shall have aluminum caps fastened to the underside of the plank. Planks secure to each frame with two friction-type aluminum mounting clips capable of securing the plank against movement under a horizontal force of 400 lbs. All hardware is to be provided by the Contractor.
- E. Finish: All fasteners shall be zinc plated. All welds shall be ground smooth.
- F. Guard rail shall be assembled with galvanized steel vertical bars and rails.

2.02 CONCRETE

Concrete shall be hardrock with a minimum compressive strength at 28 days of $f'c=3,000$ PSI and conform to ASTM C-94.

2.03 ANCHORS

Anchors for attaching the galvanized steel angle bottom rail to the concrete paving shall be Simpson 1/2" diameter stainless steel strong bolt or equal.

2.04 EPOXY

Epoxy shall be Simpson Set-XP or equal.

PART 3 EXECUTION

3.01 SITE CONDITIONS

All concrete paving shall be approved by the Inspector prior to the start of the bleacher assembly and attachment.

3.02 BLEACHER ASSEMBLY

- A. Follow the Manufacturer's specifications for the assembly of the bleachers.
- B. Footing connection shall be made in accordance with the requirements of ICC-ES-ESR 3037.
- C. Periodic inspection is required by a certified inspector.

PART 4 MEASUREMENT AND PAYMENT

4.01 MEASUREMENT AND PAYMENT

Measurement and payment for all bleachers will be made as the contract lump sum price bid and shall include full compensation for all items in the Contract Documents. Provide the lump sum price in the space provided on Bid Schedule of Work and Prices.

END OF SECTION 12 93 20

SECTION 26 05 10 ELECTRICAL WORK

PART 1 GENERAL

1.01 SECTION INCLUDES

This section includes general requirements for the installation of the light pole, electrical conduits, and pull-boxes.

1.02 DRAWINGS AND SPECIFICATIONS COORDINATION

- A. For purposes of clearness and legibility, Drawings are essentially diagrammatic, and the size and location of equipment is indicated to scale whenever possible. Verify conditions, dimensions, indicated equipment sizes, and manufacturer's data and information as necessary to install the Work of this Division. Coordinate location and layout with other Work.
- B. Verify final locations for rough-ins with field measurements and with the requirements of the equipment to be connected.
- C. Drawings indicate required size and points of termination of conduits, number and size of conductors, and diagrammatic routing of conduit. Install conduits with minimum number of bends to conform to structure, avoid obstructions, preserve headroom, keep openings and passageways clear, and comply with applicable code requirements.
- D. Routing of conduits may be changed provided that the length of any conduit run is not increased more than 10 percent of length indicated on the Drawings.
- E. Outlet locations shall be coordinated with architectural elements prior to start of construction. Locations indicated on the Drawings may be distorted for clarity.
- F. Coordinate electrical equipment and materials installation with building components and the Work of other trades.
- G. As much as practical, connect equipment for ease of disconnecting, with minimum of interference with other installations.
- H. Coordinate connection of electrical systems with existing underground utilities and services.

1.03 REGULATIONS

Work shall comply with the requirements of authorities having jurisdiction and the California Electrical and Building Codes. Material shall conform to regulations of the National Board of Fire Underwriters for electrical wiring and apparatus. Materials shall be new and listed by UL, or another NRTL.

1.04 SUBMITTALS

Submit for approval, catalog cut-sheets for light pole and fixture, conduits, and pull-boxes, complete with all Manufacturer's model numbers.

1.05 QUALITY ASSURANCE

- A. This work shall be performed by an Electrical Contractor with valid California Electrical C-10 License.
- B. Workers possessing the skills and experience obtained in performing work of similar scope and complexity shall perform the Work of this Division.

1.06 PRODUCT HANDLING AND STORAGE

Upon receipt at the job site, all materials shall be checked to ensure that no damages occurred during shipping or handling. Materials shall be stored in such a manner to protect against damage, weather, vandalism, and theft. Damaged materials and/or equipment shall be replaced.

1.07 WARRANTIES

Provide one year warranty on all material and labor performed, unless noted otherwise in specific sections.

1.08 RELATED SECTIONS

Section 03 30 10 – Concrete Footings.

PART 2 PRODUCTS

2.01 PULL-BOXES

Shall be NEMA 3R rated box for mounting on the side of the existing building.

2.02 CONDUIT

Shall be Poly Vinyl Chloride (PVC) Schedule 40 PVC electrical conduit, with fittings and sweep ells for underground installation as per ASTM A-193 B7.

2.03 POLE

Shal be AV pole, 10 foot round straight steel pole, 4-inch diameter, 11 gauge, galvanized and finish painted black. Complete with base cover plate. RSS-104-11-DM49-GFDBZ-GFI IU-W/ 2-7/8" TENON PT27.

2.04 LUMINAIRE

Shall be Lithonia Lighting MRP LED area Luminaire, Model Number MPR LED 42C 700 40K SR5 MVOLT DDLXD W/ 2-7/8" TENON SLIPFITTER MRPT25.

2.05 ANCHOR BOLTS

Shall be $\frac{3}{4}$ inch galvanized threaded rods by the length required to comply with the embedment dimension on the plan. At the bottom of the threaded rods use $\frac{1}{4}$ inch x 2-inch diameter washer between two hex nuts.

2.06 RECEPTACLES

- A. Manufacturers:
 - 1. Arrow Hart Wiring Devices.
 - 2. Pass & Seymour.
 - 3. Leviton.
 - 4. Hubbell.
 - 5. Substitutions: Not permitted.
- B. Product Description: NEMA WD 1, Heavy-duty general use receptacle.
- C. Device Body: White plastic.
- D. Configuration: NEMA WD 6, type as indicated on Drawings.
- E. Convenience Receptacle: Type 5-20.
- F. GFCI Receptacle: Convenience receptacle with integral ground fault circuit interrupter to meet regulatory requirements.

PART 3 EXECUTION

3.01 EXISTING CONDITIONS

- A. Prior to all Work of this Section, inspect the site with the District Inspector to verify existing underground conditions and locations for pull-box.
- B. Cutting and patching of electrical equipment, components, and materials shall include the removal and legal disposal of selected materials, components, and equipment.
- C. Do not endanger or damage installed Work through procedures and processes of cutting and patching.
- D. Repair any damage caused to existing underground conditions that is caused by the work. Repair to the original condition to the satisfaction of the District.

3.02 CONDUIT RUNS

- A. Install conduits a minimum of 24 inches below finish grade.
- B. Backfill for conduit shall be clean topsoil without rocks or debris. Run conduits straight between pull-boxes. Bring conduits up into the pull boxes with sweep-ells.

- C. Glue all joints with Christy's PVC pipe glue. Clean all joints after gluing.
- D. Install pull string in all conduit runs for ease of pulling wires in the future.
- E. Structural Considerations for Conduit Routing:
 - 1. Where conduits pass through or interfere with any structural member, or where notching, boring or cutting of the structure is necessary, or where special openings are required through walls, floors, footings, or other buildings elements, conform to CBC, Part 2, Title 24, Section 1906.3 for conduits and pipes embedded in concrete and Sections 2308.9.10 and 2308.9.11 for notches and bored holes in wood; for steel, as detailed on the structural steel Shop Drawings.

3.03 PULL-BOXES

Install pull-box on the existing building at the locations directed by the District.

3.04 SOUTHERN CALIFORNIA EDISON – CUSTOMER OWNED PERMANENT SERVICE POLE

Contractor shall purchase and install an approved wood power pole satisfying all SCE Standards (refer to SCE Standard Detail 'ESR-2' – overhead service connections 0-600V construction detail for all required equipment and components required for service pole installation.

3.05 RECEPTACLES

- A. Connect wiring device grounding terminal to outlet box with bonding jumper and branch circuit equipment grounding conductor.
- B. Connect wiring devices by wrapping solid conductor around screw terminal. Install stranded conductor for branch circuits 10 AWG and smaller. When stranded conductors are used in lieu of solid, use crimp on fork terminals for device terminations. Do not place bare stranded conductors directly under device screws.
- C. Install galvanized steel plates on outlet boxes and junction boxes in unfinished areas, and on surface mounted outlets.
- D. GFCI receptacles shall be wired so that operation of the GFCI protection does not affect downstream loads.
- E. Test each receptacle device for proper polarity.
- F. Test each GFCI receptacle device for proper operation.

3.06 SITE CLEAN-UP

- A. The Contractor shall clean the jobsite of all excess materials. Do not allow any metal materials to accumulate on site.

- B. Exposed parts of Work shall be left in a neat, clean, usable condition. Finished painted surfaces shall be unblemished and metal surfaces shall be polished.
- C. Thoroughly clean parts of apparatus and equipment. Exposed parts to be painted shall be thoroughly cleaned of cement, plaster, and other materials. Remove grease and oil spots with solvent. Such surfaces shall be wiped, and corners and cracks scraped out. Exposed rough metal shall be smooth, free of sharp edges, carefully steel brushed to remove rust and other spots, and left in proper condition to receive finish painting.
- D. Remove rubbish, debris, and waste materials and legally dispose of off the Project site.
- E. Remove equipment and implements of service, and leave entire work area neat and clean, to the satisfaction of the District.

PART 4 MEASUREMENT AND PAYMENT

4.01 MEASUREMENT AND PAYMENT

Measurement and payment for all electrical work will be made as the contract lump sum price bid and shall include full compensation for all items in the Contract Documents. Provide the lump sum price in the space provided on Bid Schedule of Work and Prices.

END OF SECTION 26 05 10

SECTION 32 13 13 CONCRETE WORK

PART 1 GENERAL

1.01 SECTION INCLUDES

This section includes general requirements for the concrete paving, concrete curbing, planter wall footings, concrete mow strips, and miscellaneous concrete footings indicated on the plans and in other specification sections.

1.02 QUALITY ASSURANCE

For concrete finishing use only trained and experienced concrete finishers.

1.03 SUBMITTALS

- A. Mix design shall be submitted to the Inspector for approval prior to pour. The mix design shall show the mix identification number and the applicable proportions, weights, and quantities of Portland cement, aggregate, water, and admixtures. The mix design submittal shall also include the size and source of aggregate, the type and source of Portland cement, the branch and designation of admixtures, and the type of construction for which the concrete is used.
- B. Submit manufacturer's specifications and catalog cut sheet on all specified materials required for the concrete work

PART 2 PRODUCTS

2.01 CONCRETE

- A. Concrete for paving (walks), shall be hardrock with a minimum compressive strength at 28 days of $f'c = 3,000$ PSI and conform to ASTM C-94.
- B. Concrete for mow strips, curbs, and footings for the planter walls, fence post, metal pilasters, shall be hardrock with a minimum compressive strength at 28 days of $f'c = 3,000$ PSI and conform to ASTM C-94.
- C. Cement: ASTM C-150, Type I or II, low alkali.
- D. Aggregate: ASTM C-33, non-reactive, 1 inch maximum.
- E. Slump: Maximum slump - 4 inches.

2.02 CONCRETE FINISH

- A. Walks – finish for walks shall be medium broom.
- B. Concrete curbs shall be sacked smooth.

- C. Concrete subbase for synthetic turf shall have a rough board finish. Sample finish must be approved by the synthetic turf manufacture.

2.03 REINFORCING STEEL

- A. All reinforcing bars shall be free of rust, grease, mill scale or any material which might affect its bond to concrete. All bar bends shall be made cold.
- B. Reinforcing steel for Concrete Work shall be deformed and shall conform to ASTM A-615, Grade 60. No 3 bars may be grade 40. All reinforcing steel shall be positioned as indicated on Drawings.

2.04 EXPANSION JOINTS

Expansion joints shall be W. R. Meadows fibre expansion joint, 1/2" wide and same depth as concrete paving.

2.05 CURING COMPOUND

Provide liquid curing compound, ASTM C-309, clear.

2.06 BASE

Base (rock base) shall be crush aggregate base as per section 200-2.2 of the SSPWC.

2.07 SEALER

Sealer shall be a water base clear penetrating sealer.

2.08 SEALANT

Sealant shall be W. R. Meadows cold applied joint sealant Pourthane N5, non-sag polyurethan joint sealant.

PART 3 EXECUTION

3.01 SURFACE CONDITIONS

- A. Take adequate precautions for mixing, placing, finishing, curing, and protecting concrete during unfavorable weather conditions.
- B. Prior to all work of this Section, carefully inspect the installed work of all other trades and verify that all such work is complete to the point where this installation may properly commence.
- C. All concrete shall be properly consolidated during placement. All reinforcing steel and embedded items shall be securely tied in place to prevent displacement during concrete placement. Support reinforcement on blocks.

- D. Verify that concrete may be placed to the lines and elevations indicated on the Drawings, with all required clearance from reinforcement.
- E. Layout paving surfaces to slope and drain to planting areas at a minimum of 1%. Walkways shall not have a cross slope greater than 2% and the slope in the direction of travel shall not exceed 5%. Layout must be approved by the District Inspector prior to pour. Where concrete paving is poured adjacent to existing concrete, continue the existing slope across the new concrete section.

3.02 PREPARATION

- A. Remove all wood scraps and debris from the areas in which concrete will be placed.
- B. Thoroughly clean the areas to ensure proper placement and bonding of concrete.
- C. Thoroughly wet the forms or oil them; remove all standing water.
- D. Thoroughly clean all transporting and handling equipment.
- E. Compact base to 90% relative compaction per ASTM D-1557.

3.03 PLACING CONCRETE

- A. Convey concrete from mixer to place of final deposit by methods that will prevent separation and loss of materials.
- B. For chuting, pumping and pneumatically conveying concrete, use only equipment of such size and design as to ensure a practically continuous flow of concrete at the delivery and without loss or separation of materials.
- C. Deposit concrete as nearly as possible in its final position to avoid segregation due to re-handling and flowing.
- D. Place concrete as dry as possible consistent with good workmanship, never exceeding the maximum specified slump.
- E. Contractor is advised that recent excavations at the site indicated ground water at 44 inches. If this condition exists at the time of construction, Contractor will be required to deposit concrete under water, as per Section 303-1.8.9 of the SSPWC. The tremie watertight tube shall be of an adequate diameter to complete the work specified. A special mix design may be required from the batch plant and must be approved by the Structural Engineer. This work will require continuous inspection by the Geotechnical Engineer.
- F. Place concrete at such a rate that concrete is, at all times, plastic and flows readily between bare bars.
- G. When placing is once started, carry it on as a continuous operation until placement of the panel or section is complete.

- H. Thoroughly consolidate all concrete by suitable means during placement, working it around all embedded fixtures and into corners of forms.
- I. During placement, thoroughly compact the concrete by hand tamping and by mechanical vibration.

3.04 TOLERANCE

Concrete planes shall be checked with a ten-foot straight-edge in two directions. There shall be no high spots or low spots greater than 1/8" in ten feet. All edges shall be straight and true.

3.05 SACKING

The face of concrete curbs shall be sacked to produce an even textured surface by filling all pits and air holes.

3.06 EXPANSION JOINTS

Expansion joints shall be straight, in line and plumb. All expansion joints shall be caulked.

3.07 SAWCUT SCORE LINES AND SOFT CUT LINES

- A. Score lines shall be straight and shall be of the proper alignment as shown on the Drawings. The score depths shall be approved prior to finishing.
- B. The Contractor shall determine the best time to soft cut the lines on the concrete. This timing is usually 7-20 hours after pour. Avoid cutting too soon which will cause raveling of the concrete or too late which cracking may occur. Joints shall be cut straight with equipment and saw blades designed for early entry concrete sawing.

3.08 TOP OF MISCELLANEOUS FOOTINGS

Top of footings shall be troweled with edges tooled and finished to slope away from the metal post.

3.09 CURING AND PROTECTION

Freshly deposited concrete shall be protected from pre-mature drying and excessively hot or cold temperatures and shall be maintained without drying at a relatively constant temperature for the period of time necessary for the hydration of the cement and proper hardening of the concrete. Apply liquid curing compound as soon as finishing is complete, within 2 hours, and in accordance with Manufacturer's directions.

PART 4 MEASUREMENT AND PAYMENT

4.01 MEASUREMENT AND PAYMENT

Measurement and payment for all concrete work will be made as the contract lump sum price bid and shall include full compensation for all items in the Contract Documents. Provide the lump sum price in the space provided on Bid Schedule of Work and Prices.

END OF SECTION 32 13 13

SECTION 32 18 10 SYNTHETIC TURF

PART 1 GENERAL

1.01 SECTION INCLUDES

This section includes Non-Rubber Infilled Turf for the Miracle League Field.

1.02 RELATED SECTIONS

Section 32 13 13 – Concrete Work

1.03 REFERENCES

- A. American Society for Testing and Materials (ASTM):
 - 1. ASTM D2047 Standard Test Method for Static Coefficient of Friction of Polish-Coated Floor Surfaces as Measured by the James Machine.
 - 2. ASTM D2859 Standard Test Method for Flammability of Finished Textile Floor Covering Materials.
 - 3. ASTM E303 Standard Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester.

1.04 SYSTEM DESCRIPTION

- A. Performance Requirements: Provide a 2-layer (bottom layer Silverback Polyurethane Foam w/ Action Bac I top layer combination 52% Polyethylene/ 48% Nylon that has been designed, manufactured, and installed to meet the following criteria:
 - 1. Flammability (ASTM D2859): Pass.
 - 2. Tensile Strength (ASTM D412): 60 psi (413 kPa).
 - 3. Tear Resistance (ASTM D624): 140%.
 - 4. Non- Porous

1.05 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and installation instructions.
- B. Verification Samples: Submit manufacturer's standard verification samples of 9" x 9" (229 mm x 229 mm) minimum.
- C. Quality Assurance/Control Submittals: Submit the following:
 - 1. Certificate of qualifications of the surfacing installer.
- D. Closeout Submittals: Submit the following:
 - 1. Warranty documents specified herein.

1.06 QUALITY ASSURANCE

- A. Qualifications: Utilize an installer approved and trained by the manufacturer of the surfacing system, having experience with other projects of the scope and scale of the work described in this section.
- B. Certifications: Certification by manufacturer that installer is an approved applicator of the surfacing system.

1.07 DELIVERY, STORAGE & HANDLING

- A. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
- B. Storage and Protection: Store materials protected from exposure to harmful environmental conditions and at a minimum temperature of 50 degrees F (10 degrees C) and a maximum temperature of 90 degrees F (32 degrees C).

1.08 PROJECT/SITE CONDITIONS

Environmental Requirements: Install surfacing system when minimum ambient temperature is 50 degrees F (10 degree C), and maximum ambient temperature is 90 degrees F (32 degrees C). Do not install in steady or heavy rain.

1.09 WARRANTY

- A. Manufacturer's Warranty: Submit, for Owner's acceptance, manufacturer's standard warranty document executed by authorized company official. Manufacturer's warranty is in addition to, and not a limitation of, other rights Owner may have under contract documents.
- B. Storage and Protection:
 - 1. Warranty Period: 7-year warranty from completion of work.

PART 2 PRODUCTS

2.01 THE MIRACLE LEAGUE TURF SYSTEM

- A. Manufacturer: Surface America, Inc.; PO Box 157, Williamsville, NY 14231; Telephone: (800) 999-0555 or (716) 632-8413; Fax: (716) 632-8324; info@surfaceamerica.com; http://www.surfaceamerica.com
- B. The Miracle League Turf material shall be in accordance with the following:
 - 1. Turf surface includes two fibers: highly durable polyethylene with nylon thatch 3/4" pile height with 5 mm Action Bac backing.
 - 2. The fiber shall be low friction fiber, measuring not less than 3/4" high. The low friction fiber shall be specifically designed to virtually eliminate abrasion.

3. The total fabric weight with foam shall not be less than 125 ounces per square yard. The fiber shall be tufted on a 3/4" tufting machine at a rate of 3 stitches per inch minimum. The low friction non-abrasive fiber shall be treated with a UV inhibitor.
4. The primary backing shall consist of a 5 mm Polyurethane foam with Action Bac.
5. The carpet shall be delivered in 12' or 15' wide rolls by lengths best suited for the project.
6. The standard fiber color is field green and treated with UV inhibitor (guaranteed a minimum of five years). Additional colors are red, white, blue, yellow, and black.

2.02 PRODUCT SUBSTITUTIONS

Substitutions are not permitted. This system includes a turf over a padding. No known equal.

PART 3 EXECUTION

3.01 MANUFACTURER'S INSTRUCTIONS

Comply with the Manufacturer's instructions and recommendations for miracle field installation.

3.02 EXAMINATION

- A. Site Verification of Conditions: Verify that substrate conditions are suitable for installation of the surfacing system. New concrete must be fully cured - up to 7 days.
- B. Do not proceed with installation until unsuitable conditions are corrected.

3.03 PREPARATION

- A. Surface Preparation:
 1. On concrete base, using a brush or short nap roller, apply primer to the substrate perimeter and any adjacent vertical barriers such as equipment support legs, curbs or slabs that will contact the surfacing system at the rate of 300 ft²/gal (7.5 m²/L).

3.04 INSTALLATION

- A. Do not proceed with surfacing installation until all applicable site work, including substrate preparation, fencing, playground equipment installation and other relevant work, has been completed.
- B. Basemat Installation:
 1. Using screeds and hand trowels, install the basemat at a consistent density of 29 pounds, 10 ounces per cubic foot (466 kg/m³) to the specified thickness.

2. Allow basemat to cure for sufficient time so that indentations are not left in the basemat from applicator foot traffic or equipment.
3. Do not allow foot traffic or use of the basemat surface until it is sufficiently cured.

C. The Miracle League Installation:

1. Rough cut synthetic grass rolls for installation.
2. Using 15" wide cordura seam tape and 1-part urethane adhesive, seam synthetic grass rolls to form monolithic surface. Adhere synthetic grass to basemat around perimeter.

3.05 PROTECTION

Protect the installed surface from damage resulting from subsequent construction activity on the site.

PART 4 MEASUREMENT AND PAYMENT

4.01 MEASUREMENT AND PAYMENT

Measurement and payment for all synthetic turf will be made as the contract lump sum price bid and shall include full compensation for all items in the Contract Documents. Provide the lump sum price in the space provided on Bid Schedule of Work and Prices.

END OF SECTION 32 18 10

**SECTION 32 31 13
CHAIN LINK FENCE AND GATES**

PART 1 GENERAL

1.01 SECTION INCLUDES

This section includes specifications and general requirements for the installation of the chain link fencing and gates 6 ft. and under.

1.02 FIELD VERIFICATION

- A. Layout fence and gate locations in the field with chalk and or line and obtain District Inspector approval prior to installation. Allow for minor field adjustments as directed by the District Inspector.

- B. Verify location for gates in the field with Inspector.

1.03 SUBMITTALS

Submit manufacturer's specification sheets and catalog cut sheets for all materials required to complete the work.

1.04 QUALITY ASSURANCE

All chain link work shall be completed by a licensed fence Contractor. All work shall conform to ASTM F-456 Standard Practice for Installation of Chain Link Fence.

1.05 STANDARDS

ASTM B6 – Slab Zinc
ASTM F567 – Installation of Chain Link Fence
ASTM F668 – Poly (Vinyl Chloride) (PVC) and Other Organic Polymer-Coated Steel Chain Link Fence Fabric, Class 1 Federal Specification RR-F- 191K/1E – Fencing, Wire, and Post Metal (Chain Link Fence Fabric), Type IV
AASHTO M-181 – Chain Link Fence, Type IV, Class A

PART 2 PRODUCTS

2.01 GENERAL

- A. All fence pipe shall be galvanized comply with WT-40 per ASTM F1043, Group C, regular grade 30,000 PSI yield as manufactured by Weatland Tube or equal.

- B. All fence fittings shall meet ASTM F-626 Standard specifications for fence fittings.

- C. All pipe sizes are given in O.D. (outside diameter) in inches.

- D. Vinyl Coating: Class 1 – Extruded Spectra-Poly (Vinyl Chloride) (PVC) coated steel chain link fabric as per Master Halco specifications

2.02 FENCE MATERIALS

- A. Fabric shall be 9 gauge, 2-inch mesh, vinyl coated black.
- B. End post and corner post shall be 2 3/8-inch O.D. Line post shall be 1 7/8-inch O.D.
- C. Tension Wire – bottom tension wire shall be 9 gauge galvanized.
- D. Top rail shall be 1-5/8-inch O.D.
- E. Tension Bars shall be galvanized steel one-piece length equal to 2 inches less than the full height of fabric with a minimum cross-section 3/16" X 3/4" as per ASTM f626.
- F. Truss rod assembly: Galvanized steel minimum 5/16" diameter truss rod with pressed steel tightener in accordance with ASTM F626.
- G. Post Cap – ASTM F-626 galvanized pressed steel cap. One per post and line post.
- H. Floor flange shall be Galvanized.

2.02 GATE MATERIALS

- A. Gate fabric shall be 9 gauge, 2-inch mesh, vinyl coated black.
- B. Gate post shall be 2 7/8-inch O.D. or as indicated on the details.
- C. Gate frame for 4-foot-wide gates shall be welded frame with 1-5/8-inch O.D. Gate frame for 8 foot and 10 foot gates shall be welded with 1-7/8-inch O.D.
- D. Tension bars shall be 3/16" x 3/4-inch wide galvanized tension bars. Tension bars shall be installed on all four sides.
- E. Hinges shall be hot dip galvanized pressed steel structurally capable of supporting gate leaf and allow for opening and closing without binding. Non-lift-off hinge design shall permit gate swing 180 degrees. Spot weld to post to prevent slipping.
- F. Drop rod shall be galvanized schedule 40 pipe center gate stop to secure gate leaves in the closed position. Include concrete support footing with galvanized pipe sleeve to receive drop rod.
- G. Latch shall be galvanized forked type capable of retaining gate in the closed position and shall have provision for padlock. Latch shall permit operation from either side.

- H. Gate Hold Back – provide galvanized gate hold back keeper for each gate leaf. Gate keeper shall consist of mechanical device for securing the free end of the gate when in fully open position.

2.04 ANCILLARY ITEMS

Provide all necessary items to complete the gate installation and items necessary to reconnect the existing fence to the new gate post. Items shall include, but not be limited to, post caps, wire ties, carriage bolts and nuts and all items to complete the gate installation. All items shall be galvanized.

PART 3 EXECUTION

3.01 FENCE

- A. Layout the fence location with chalk and or line and obtain approval from the District Inspector prior to installation.
- B. Install chain link fence system in accordance with ASTM F-567.
- C. Space line post uniformly maximum 10 feet O.C., where line posts are mounted with bracket on concrete space post at 8'-0".
- D. Locate terminal post at each fence termination and change in horizontal or vertical direction of 30 degrees or more.

3.02 GATE

- A. Gate Post shall be installed in concrete footings as per the details on the drawings..
- B. Fully weld all gate pipe frame and touch up with galvanized paint.
- C. Exact location of the new gate shall be approved in the field by the District Inspector.
- D. Install gates in accordance with ASTM F-567.
- E. Clean-up area of work from debris and unused material created by the gate installation.

3.03 CHAIN LINK FABRIC

- A. Install fabric on security side, pull fabric taut; thread the tension bar through fabric and attach to terminal posts with tension bands spaced maximum of 15" on center and attach so that fabric remains in tension after pulling force is released. Install fabric so that it is 2" \pm 1" above finish grade.

- B. Secure fabric using wire ties to line posts at 15" on center and to rails and braces 24" on center, and to the tension wire using hog rings 24" on center. Tie wire shall be secured to the fabric by wrapping it two 360 degree turns around the chain link wire pickets. Cut off any excess wire and bend back.

3.04 SITE CLEAN UP

Clean up area adjacent to fence line from debris and unused material created by fence installation.

PART 4 MEASUREMENT AND PAYMENT

4.01 MEASUREMENT AND PAYMENT

Measurement and payment for all chain link fence and gates will be made as the contract lump sum price bid and shall include full compensation for all items in the Contract Documents. Provide the lump sum price in the space provided on Bid Schedule of Work and Prices.

END OF SECTION 32 31 13

SECTION 32 31 19
CHAIN LINK BACKSTOPS AND HIGH FENCING

PART 1 GENERAL

1.01 SECTION INCLUDES

This section includes specifications and general requirements for the installation of the chain link backstops and high fencing.

1.02 FIELD VERIFICATION

Layout fence and gate locations in the field with chalk and or line and obtain District Inspector approval prior to installation. Allow for minor field adjustments as directed by the District Inspector.

1.03 SUBMITTALS

Submit manufacturer's specification sheets and catalog cut sheets for all materials required to complete the work.

1.04 QUALITY ASSURANCE

All chain link work shall be completed by a licensed fence Contractor. All work shall conform to ASTM F-456 Standard Practice for Installation of Chain Link Fence.

PART 2 PRODUCTS

2.01 20-FOOT HIGH BACKSTOP AND 10-FOOT FENCING

- A. All fence rails shall be galvanized comply with WT-40 per ASTM F1043, Group C, regular grade 30,000 PSI yield as manufactured by Weatland Tube or equal.
- B. All fence fittings shall meet ASTM F-626 Standard specifications for fence fittings.
- C. All pipe backstop columns shall 6-inch standard pipe, Schedule 40 galvanized and shall conform to ASTM A53, Grade B.
- D. 10-foot fence columns shall be 4-inch standard pipe, Schedule 40 galvanized and shall conform to ASTM A53, Grade B.
- E. Fabric shall be 9 gauge, 2-inch mesh, vinyl coated black.
- F. Horizontal rails shall be 1-5/8-inch O.D.
- G. Tension Bars shall be galvanized steel one-piece length equal to 2 inches less than the full height of fabric with a minimum cross-section 3/16" X 3/4" as per ASTM F626.

- H. Truss rod assembly: Galvanized steel minimum 5/16" diameter truss rod with pressed steel tightener in accordance with ASTM F626.
- I. Top of columns shall have fully welded steel cap.

2.02 GATE MATERIALS

- A. Gate fabric shall be 9 gauge, 2-inch mesh, galvanized as per ASTM A392.
- B. Gate frame for 4-foot-wide gates shall be welded frame with 1-5/8-inch O.D. Gate frame for 8 foot and 10 foot gates shall be welded with 1-7/8-inch O.D.
- C. Tension bars shall be 3/16" x 3/4-inch wide galvanized tension bars. Tension bars shall be installed on all four sides.
- D. Hinges shall be hot dip galvanized pressed steel structurally capable of supporting gate leaf and allow for opening and closing without binding. Non-lift-off hinge design shall permit gate swing 180 degrees.
- E. Drop rod shall be galvanized schedule 40 pipe center gate stop to secure gate leaves in the closed position. Include concrete support footing with galvanized pipe sleeve to receive drop rod.
- F. Latch shall be galvanized forked type capable of retaining gate in the closed position and shall have provision for padlock. Latch shall permit operation from either side.
- G. Gate Hold Back – provide galvanized gate hold back keeper for each gate leaf. Gate keeper shall consist of mechanical device for securing the free end of the gate when in fully open position.

2.03 GATE POST

- A. Gate post for 5-foot-high gates shall be Gate post shall be 2 7/8-inch O.D. galvanized pipe.
- B. Gate post connected to 10-foot-high fencing shall be 4-inch standard pipe, Schedule 40 galvanized and shall conform to ASTM A53, Grade B.

2.04 ANCILLARY ITEMS

Provide all necessary items to complete the gate installation and items necessary to reconnect the existing fence to the new gate post. Items shall include, but not be limited to, post caps, wire ties, carriage bolts and nuts and all items to complete the gate installation. All items shall be galvanized.

PART 3 EXECUTION

3.01 FENCE

- A. Layout the fence location with chalk and or line and obtain approval from the District Inspector prior to installation.
- B. Install chain link fence system in accordance with ASTM F-567.
- C. Space line post uniformly maximum 10 feet O.C.
- D. Locate terminal post at each fence termination and change in horizontal or vertical direction of 30 degrees or more.
- E. On slopes layout fabric parallel to the angle of the slope and adjust the height of the post so that a 6-foot-wide fabric section is secured on the post.

3.02 GATE

- A. Gate Post shall be installed in concrete footings as indicated on the details. (concrete shall be 3,000 PSI at 28 days.
- B. Fully weld all gate pipe frame and touch up with galvanized paint.
- C. Exact location of the new gate shall be approved in the field by the District Inspector.
- D. Install gates in accordance with ASTM F-567.
- E. Clean-up area of work from debris and unused material created by the gate installation.
- F. At the new gate located on the street reattach the existing fence section to the new gate post. Comply with installation requirements of ASTM F-567.

3.03 CHAIN LINK FABRIC

- A. Install fabric on security side, pull fabric taut; thread the tension bar through fabric and attach to terminal posts with tension bands spaced maximum of 15" on center and attach so that fabric remains in tension after pulling force is released. Install fabric so that it is 2" \pm 1" above finish grade.
- B. Secure fabric using wire ties to line posts at 15" on center and to rails and braces 24" on center, and to the tension wire using hog rings 24" on center. Tie wire shall be secured to the fabric by wrapping it two 360 degree turns around the chain link wire pickets. Cut off any excess wire and bend back.

3.04 SITE CLEAN UP

Clean up area adjacent to fence line from debris and unused material created by fence installation.

PART 4 MEASUREMENT AND PAYMENT

4.01 MEASUREMENT AND PAYMENT

Measurement and payment for all chain link backstops and high fencing work will be made as the contract lump sum price bid and shall include full compensation for all items in the Contract Documents. Provide the lump sum price in the space provided on Bid Schedule of Work and Prices.

END OF SECTION 32 31 19

**SECTION 32 84 23
IRRIGATION SYSTEM**

PART 1 GENERAL

1.01 SECTION INCLUDES

This section includes requirements for the installation of the Irrigation System.

1.02 RELATED SECTIONS

32 93 33 – Lawn Planting

1.03 REQUIREMENTS OF REGULATORY AGENCIES

Secure all permits and licenses necessary for the work. Give all notices and comply with all laws, ordinances, rules and regulations concerning the installation of the sprinkler system as drawn and specified.

1.04 SITE CONDITIONS

- A. Prior to beginning any work, the Contractor and the Inspector shall participate in a thorough irrigation system review of the project site. All remote control valves shall be turned on and observed in operation by both the Contractor and Inspector. Any existing defects will be listed in detail identifying the specific valve station number and describing the exact broken or non-functioning irrigation component noted during the site review. At the conclusion of the irrigation review, the Contractor shall generate a summary of the items identified by both parties listing all remote control valves operated, identifying if the valve performed without any defects or specifically identifying any observed defects or non-functioning components, such as broken heads, clogged nozzles, non-operating valve solenoids, broken piping, or other noted defects. The completed summary of items noted shall be listed on a document called 'Existing Irrigation System Observations'. This document shall be signed by the Contractor and submitted to the Inspector for a confirming signature. The mutually signed 'Existing Irrigation System Observations' document shall be sent to the attention of the Landscape Architect for inspection purposes at the conclusion of the construction work. If requested by the Inspector, the Contractor shall provide a list of the existing defective irrigation components noted with a detailed written proposal to repair each item identified on the list. A copy of this proposal will be sent to the Landscape Architect. This additional work proposal must be reviewed and approved in writing by the Inspector and formally presented to the General Contractor before the Landscape Subcontractor can begin any additional repair work. The mutually signed 'Existing Irrigation System Observation' document shall be used as a guide to identify any collateral damage caused to the existing irrigation system as a result of new construction performed on site by the Contractors. Any damage caused to the existing irrigation system not specifically identified on the 'Existing Irrigation System Observation' document shall be repaired or replaced at the Contractor's expense. In the event that the Contractor does not participate or perform the existing irrigation site review, any existing irrigation equipment or components damaged on the project site noted by

the Landscape Architect during the final irrigation system review shall be repaired or replaced by the Contractor at their expense to the satisfaction of the Inspector.

- B. Do not willfully install the sprinkler system as indicated on the drawing when it is obvious in the field that unknown obstructions or grade differences exist that might not have been considered in the engineering. Such obstructions or differences should be brought to the attention of the Inspector.
- C. Before excavating for sprinkler lines, locate all underground utility lines so that the proper precautions may be taken to avoid damage to such utilities. In the event of a conflict between underground lines, promptly notify the Inspector who will arrange for the relocation of one or the other. Failure to follow this procedure places the responsibility upon the Contractor for making any and all repairs for damage of any kind at his own expense.
- D. Provide necessary safeguards and exercise caution against injury or defacement of any existing site improvements. Contractor shall be responsible for any damage resulting from his operations and shall repair or replace such damage at his own expenses. No trucks or vehicles of any kind shall be allowed to pass over sidewalks, curbs, etc., unless adequate protection is provided.
- E. Existing Trees
 1. Exercise all possible care and precautions to avoid injury to tree roots, trunks and branches. All excavating within drip line of trees shall be done very carefully and by hand pick and shovel if it appears that large roots are within trenching zones.
 2. Alter alignment of pipe to avoid large tree roots, 2-inch and larger in diameter.
 3. Wrap exposed and bridging tree roots with several layers of burlap and keep moist. Close all trenches within drip lines, within 24 hours.
 4. All severed roots 1-inch and larger shall be hand pruned with sharp tools and painted with acceptable horticultural seal.

1.05 MATERIAL LIST

Submit to PVRPD for acceptance, five (5) copies of all materials and equipment, including Manufacturer's names and catalog numbers, to be furnished and installed under this contract within 10 days after the award of the contract.

1.06 RECORD DRAWINGS

- A. Provide and record daily a complete record set of prints on bond which shall be corrected to show changes from the original drawings and specifications and the exact installed locations, sizes and kinds of equipment. Prints for this purpose may be obtained from PVRPD. Keep this set of drawings on the site and use only as a record set.
- B. Use these drawings as work progress sheets. Make neat and legible annotations thereon as the work proceeds, showing the work as actually installed. Keep these drawings available at all times for inspection and in a location designated by PVRPD.

- C. Before the date of the final inspection, transfer all information from the record prints to a clean set of prints procured from PVRPD. Make work neat, in ink and subject to review and acceptance of PVRPD. PVRPD will scan final drawings into a permanent electronic record document.
- D. Dimension from two permanent points of reference such as building corners, sidewalks or road intersections, the location of:
 - 1. Connection to existing water lines.
 - 2. Connection to existing electrical power.
 - 3. Gate valves.
 - 4. Routing of sprinkler pressure lines and control wiring.
 - 5. Electric control valves.
 - 6. Quick coupling valves.
 - 7. Other related equipment as directed by PVRPD.

1.07 TESTS AND SITE OBSERVATIONS

- A. All tests shall be made in the presence of PVRPD; at least forty-eight (48) hours' notice shall be given for tests.
- B. Record drawings must be current and shall be verified by PVRPD at the time of all observations.
- C. Site observations for all items pertaining to the work of this Section shall be performed by PVRPD.
- D. Specific site observations for valve assemblies, sprinkler coverage, control wires and splices and any other observations deemed necessary shall be performed by PVRPD.
- E. An open trench main line check for pipe quality and depths shall be performed by PVRPD.
- F. Head Layout - using flag marker layout all drip emitter, tree flood bubblers, and spray heads in field prior to trenching. Review head layout with PVRPD and Landscape Architect and perform adjustments in field as directed prior to installing irrigation.
- G. Center load pipe with small amount of backfill to prevent arching and whipping under pressure. Leave joints exposed for observation during pressure test. No water shall be permitted in the pipe until the above has been accomplished and a period of at least 24 hours has elapsed for solvent weld setting and curing.

Main lines to be tested up to valve at 125 pounds pressure and there shall be no leaks. Furnish force pump and pressure gauge. Lateral lines of system to be tested at line pressure with risers capped. Tests to be for 2 hour period and verified by PVRPD.
- H. Backfill quality and compaction of trenches shall be verified by PVRPD. Do not backfill trenches until all tests have been completed and accepted.

- I. Perform a coverage test in the presence of PVRPD to determine if the water coverage for planting areas is complete and adequate. Furnish materials and perform all work required to correct any inadequacies of coverage due to deviations from drawings, or where the system has been willfully installed as indicated on the drawings when it is obviously inadequate, without bringing this to the attention of PVRPD.
- J. The coverage test shall be completed, and the irrigation system modified if necessary and accepted, prior to the start of the planting operations.
- K. The entire system shall be checked out thoroughly and completely by the Contractor, five (5) days prior to the final observation. All heads shall be properly aligned and adjusted for coverage and cleared of any foreign materials. All valves shall be properly adjusted. Sprinkler controller valve chart shall be checked for accuracy.
- L. At the end of the Maintenance Period, a final observation shall be made by the Contractor and District to check out the entire system.
- M. Final inspection prior to acceptance:
 - 1. Operate each system in its entirety for PVRPD at time of final inspection. Rework any items deemed not acceptable to PVRPD.
 - 2. Deliver all accessories, charts, record drawings, and equipment as required before final inspection.

1.08 GUARANTEE

- A. The entire sprinkler system shall be guaranteed for a period of one (1) year from date of final acceptance.
- B. Should any portion of the irrigation system malfunction due to poor workmanship or defective materials, corrections shall be promptly made by the Contractor at his own expense.
- C. Any damage to paving, plating, or other developments due to the settlements of improperly compacted trench soil, shall also be promptly repaired at the Contractor's expense, to the satisfaction of PVRPD.

PART 2 PRODUCTS

2.01 GENERAL

- A. Irrigation materials shall be in accordance with Subsection 212-2 in the SSPWC "Greenbook" and as specified herein.
- B. The irrigation products specified on the drawings in these specifications are selected to match existing products in use. Substitutions are permitted only when product name is followed by or equal.

- C. Use only new materials of brands and types as noted on the drawings and as specified.

2.02 CONTROL WIRES

- A. Two wire integrated communication exchange (twice) cable, Model TW-CAB-14, 14-gauge (red/black), polyethylene coated, durable jacketed (red and yellow) wire; ensures communication integrity between auto controller and valve decoder. Red colored jacketed cable – Paige Wire Model No. 180115 or John Deere Model RMCAB14-Red. Yellow colored jacketed cable – Paige Wire Model No. 180118 or John Deere Model RMCAB14-Yellow. Confirm actual color of existing two wire cable jacket in field. Match color if different than specified.
- B. 24 volt conductors shall be U.F. type, solid wire, U.L. approved for direct burial. Minimum size shall be 14 Ga. or as noted on drawings, used to connect remote control valve solenoids to valve decoder.

2.02 PVC MAIN LINE FITTINGS

- A. Main line fittings for pipe sizes 2", 2 1/2", 3", 4", 6", 7", and 8" shall be Leemco self-restrained ductile iron fittings or equal.
- B. Main Line Fittings for pipe sizes of 1 1/2" or less, shall be schedule 80 PVC, Type 1, Grade 1, Cell Classification 12454-B, side gated, Lasco or equal.

2.03 LATERAL NON-PRESSURE LINE FITTINGS

Lateral Non-Pressure Line Fittings shall be Schedule 40 PVC, Type 1, Grade 1, Cell Classification 1244-B, side gated, Lasco or equal.

2.04 PVC FLANGE FITTINGS

Flange Fittings shall be PVC Schedule 80, Type 1, Grade 1, Loose Ringer, ANSI Class 150 Flange, Lasco series 954 or approved equal, with full face 1/8" thick elastomeric gasket, 5-70 Shore A hardness.

2.05 QUICK COUPLING VALVES

Quick Coupling Valves shall be Red Brass body and bonnet, 1" size, locking thermoplastic cover, colored purple, Rain Bird 44NP. No known equal.

2.06 NIPPLES AND RISERS

Nipples and Risers shall be PVC Schedule 80.

2.07 MAIN LINE PIPE

- A. Main line pipe, sized 6", 4", 3", shall be Class 200 PVC gasketed pipe, purple in color, conforming to ASTM-D3139 for reclaimed water use. Pacific Plastics Model 'Cycleflow' or equal.

- B. Main line pipe, sized 2 ½", and 2" shall be Class 315, PVC gasketed pipe, purple in color, conforming to ASTM-D3139 for reclaimed water use.
- C. Main line pipe, 1 ½" size or less, shall be Schedule 40 PVC pipe, solvent weld, purple in color, in conformance with ASTM D2672 for reclaimed water use. Pacific Plastics Model 'Cycleflow' or equal.

2.08 LATERAL PIPE

Pipe – Lateral, shall be Schedule 40 PVC pipe, solvent weld, purple in color, in conformance with ASTM D2672 for reclaimed water use. Pacific Plastics Model 'Cycleflow' or equal.

PART 3 EXECUTION

3.01 GENERAL

Irrigation materials shall be in accordance with Subsection 308-5 in the SSPWC "Greenbook" and as specified herein.

3.02 WORKMANSHIP AND INSTALLATION.

A. Layout and Adjustments

1. The drawings are diagrammatic to the extent that many offsets, special fittings and exact locations of the equipment are not shown. The locations of all valves, heads, lines, etc., shall be installed, however, as accurately as possible to the locations that are indicated on the drawings.
2. The locations of main lines are indicated as bordering walks, curbs and fences shall be placed as close as possible. Locate lines within planting areas wherever possible.
3. All indicated locations of heads and equipment are placed with careful consideration to overlap, protection of the premises, lights, proposed tree locations and general layout. Coordinate installation of sprinkler irrigation materials, including pipe, so there is no interference with utilities, other construction, or difficulty in planting trees and shrubs. Layout sprinkler heads and make any minor adjustments required due to differences between site and drawings. Adjustments shall be accomplished, maintaining proper sprinkler head coverage and overlap of sprinkler throws.

B. Connections

1. All connections shall be made into existing lines as indicated on the drawings.
2. Field verify existing line types in the field.

C. Cutting and Patching

1. When piping crosses concrete paving and asphalt paving, sawcutting is required. Cut AC paving and/or concrete with concrete sawcutting tools straight and in those locations approved by PVRPD.

2. Remove concrete and/or AC, base and soil to the required depth for mainlines.
 3. Concrete walks shall be backfilled entirely with compacted sand. Compact to 95% and patched with new concrete.
 4. AC paving shall be backfilled entirely with a 1-sac sand slurry mix. Compact to 95% and patch with new AC paving.
 5. Concrete paving shall be received medium broom finish.
 6. Remove from site any excavated soil.
- D. Trenching and Backfilling
1. Trench and excavate as necessary to install the system. Excavated material shall be neatly arranged so as to cause a minimum of inconvenience to pedestrian and vehicular traffic. No soil shall be placed on concrete paving without an adequate moisture proof membrane to protect paving.
 2. Trenches for all pipe shall be open vertical construction with firm level bottom and sufficiently wide to provide free working space around the work installed and to provide ample space for backfilling and tamping.
 3. Depth of trenches shall be sufficient to provide a minimum cover above the top of the pipe as follows:
 - a) Mains and control wires: 24-inches minimum cover.
 - b) PVC laterals: 12-inches minimum cover.
 4. When two (2) pipes are to be placed in the same trench, provide a minimum of 6-inch horizontal clearance. Place pipe side by side; do not install one pipe on top of another.
 5. After the installation is complete and the required tests and inspections have been made and approved, the excavations and trenches shall be backfilled with clean soil, free of rubbish, rocks, and pebbles larger than one-half inch.
- E. Plastic Pipe
1. Do not install multiple assemblies on plastic lines. Provide each assembly with its own outlet.
 2. Install assemblies specified herein in accordance with respective detail. In absence of detail drawings or specifications pertaining to specific items required to complete work, perform such work in accordance with best standard practice.
 3. Clean PVC pipe and fittings before installation. For solvent weld pipe use installation and solvent welding methods as recommended by the pipe and fitting manufacturer. For gasketed pipe installation follow detailed assembly instructions furnished by the manufacturer.
 4. On PVC to metal connections, work the metal connections first. Use non-hardening sealant on all threaded joints. Screw hand tight and ½ turn by wrench. Where threaded PVC connections are required, use threaded PVC adapters into which the pipe may be welded.
 5. Pipe shall have a firm, uniform bearing, for the entire length of each pipeline, to prevent uneven settlement. Pipe shall be snaked from side to side of trench bottom to allow for expansion and contraction. One additional foot per 100 foot of pipe is the minimum allowance for snaking. Never lay PVC pipe when there is water in the trench or when the temperature is 32° F or below.

6. Use 45° fittings at all changes in depth of pipe. Coupling to be of same materials and wall thickness as pipe.
- F. Sprinkler Controller
1. Install auto controller assembly as per plans and manufacturer's specifications.
 2. Electrical wiring and work shall conform to the codes and ordinances of all governmental agencies having jurisdiction. Exposed conduits and fittings shall be of one type and finish. Running threads shall not be used.
- G. Sprinkler Heads
1. Prior to installing heads, flush laterals and risers with full line pressure. Repeat whenever system is opened up for repairs or replacements. Start flushing operation at the highest point of delivery and work to the lowest.
 2. Align all part circle heads so that no spray shall hit building walls or concrete paving.
 3. Adjust all spray nozzles so that there will be no amount of overspray, and so that the entire set will be as evenly balanced as possible.
 4. Install with each lawn area sprinkler head, a "Triple Swing" joint with Schedule 80 PVC nipples and threaded ells.
 5. Install all tree bubblers and drip emitters on PVC flexible hose with two (2) solvent weld male adapters.

3.03 CONTROL WIRES AND CABLES

- A. Unless otherwise specified, connections between controller and remote control valves shall be made with direct burial cable, manufactured by Rain Master, Model TW-CAB-14, specifically for the twice two wire system. Cable shall be installed in accordance with valve manufacturer's wire chart and specifications.
- B. Between controller and remote control valves, use a continuous cable. All cable splices shall be made with Rain Master Model TW-Splice-14 watertight connectors.
- C. TW-CAB-14 cable shall be installed in a 1 ½" Schedule 40 PVC electrical conduit installed 24" below grade. Conduit shall be installed per Plan with a minimum space of 4" between cable conduit and edge of main line pipe when that situation occurs.
- D. Wiring shall occupy the same trench and shall be installed along the same route as the pressure supply line wherever possible or as indicated on Plan.
- E. An expansion loop of twelve inches shall be provided at each wire connection and/or directional turn, with all wire pull boxes.
- F. TW-CAB-14 cable shall be red in color for all remote control valves connected to auto controller 'A', Paige Wire Model No. 180115 or John Deere Model No. RMCAB14- RED. TW-CAB-14 cable shall be yellow in color for all RCV connected to auto controller 'B', Paige Wire Model No. 180118 or John Deere Model RMCAB-14- YELLOW

3.04 PIPE RESTRAINTS

- A. Pipe to pipe restraint is not required at all pipe joints.
- B. Pipe to restraints shall be required as per the Manufacturer's specifications.
- C. Leemco self restrained ductile iron fittings shall be used on mainline whenever possible. In the event a self restrained ductile iron fitting is not manufactured for a specific configuration needed, the Contractor may use a Leemco slant bell ductile iron fitting with the appropriate Leemco clamp as a substitution.

3.05 FIELD QUALITY CONTROL

- A. Adjustment to System
 1. Flush and adjust all sprinkler heads for optimum performance and to prevent overspray onto walk, roadways, and buildings wherever possible.
 2. Select the best degree of arc to fit existing site conditions.
 3. Set all sprinkler heads perpendicular to finished grades unless other designated on the drawings.

3.06 TESTING AND INSPECTION

- A. Do not allow or cause any work of this section to be covered up or enclosed until it has been inspected, tested, and approved by PVRPD. Before backfilling the main line, and with all control valves in place, but before lateral pipes are connected, completely flush and test the mainline, and repair all leaks. Flush out each section of lateral pipe before emitters are attached.
- B. Make all necessary provisions for thoroughly bleeding the line of air and debris. Before testing, fill the line with water for a period of at least 24 hours.

3.07 FINAL INSPECTION

Thoroughly clean, adjust and balance all systems. Demonstrate the entire system to PVRPD proving that all remote control valves are properly balanced, that all emitters are properly flowing, and that the entire system is installed and is workable, clean, and efficient.

PART 4 MEASUREMENT AND PAYMENT

4.01 MEASUREMENT AND PAYMENT

Measurement and payment for all irrigation system work will be made as the contract lump sum price bid and shall include full compensation for all items in the Contract Documents. Provide the lump sum price in the space provided on Bid Schedule of Work and Prices.

END OF SECTION 32 84 23

**SECTION 32 90 20
LANDSCAPE MAINTENANCE**

PART 1 GENERAL

1.01 SECTION INCLUDES

This section includes general requirements for the landscape maintenance.

1.02 MAINTENANCE PERIOD

Once all landscape work is complete and approved by PVRPD and all punch list items have been corrected and approved by PVRPD, the Contractor will receive a written letter authorizing the start of the ninety-calendar day Landscape Maintenance period.

1.03 MAINTENANCE PERFORMANCE REVIEW SCHEDULE

The Contractor shall schedule an on-site review with Inspector and the Landscape Architect to review the condition of the landscape area being maintained every (30) days during the maintenance period. If any deficiencies exist, a punch list will be issued for the Contractor to address immediately. Failure to perform any punch list item in a timely manner (within 5 business days), shall delay payment for that portion of the maintenance period until the identified punch list item has been corrected. If the project is being maintained in a professional manner, SVUSD reserves the right to waive progress inspections during the (90) day maintenance period.

1.04 FINAL LANDSCAPE APPROVAL AND TURNOVER TO PVRPD

At the end of the ninety-day maintenance period, the Contractor shall schedule an on-site inspection with PVRPD and the Landscape Architect to determine if the landscape planting and irrigation is ready for PVRPD to accept. If the landscape is not ready for acceptance, a punch list will be prepared for the Contractor to complete and the maintenance period will extend until the punch list items have been approved by PVRPD.

1.05 MAINTENANCE INSPECTION NOTIFICATIONS

A minimum of 48 hours is required when scheduling a maintenance on-site review.

1.06 REQUIREMENTS OF REGULATORY AGENCIES

Any required spraying work shall be done in accordance with governing agencies and PVRPD policies. No spraying shall occur without prior written approval from PVRPD.

PART 2 PRODUCTS

2.01 All materials used in conjunction with the maintenance work shall conform to the material requirements originally specified for the work. Apply at manufacturer's recommended rate.

PART 3 EXECUTION

3.01 PEST AND DISEASE CONTROL

- A. Provide rodent, insect, pest and disease control services at the first sign or symptom of infestations, or as directed by PVRPD.
- B. Notify PVRPD at the first sign or symptom of pest or disease.
- C. Perform pest and disease control services in accordance with PVRPD policies.

3.02 IRRIGATION SYSTEMS

- A. Irrigation system maintenance shall include, operating, adjusting, and repairing the irrigation system to perform as designed.
- B. On each visit, visually and hydraulically inspect the irrigation system to insure that no sprinkler breakage has occurred, no foreign matter is clogging the sprinkler heads and that sprinkler coverage and arc of sprays is proper, and shall correct any other inadequacies that might impair the proper performance of the irrigation system. Minor irrigation repairs shall be accomplished by the weekly maintenance crew as needed with the like kind materials unless otherwise authorized by PVRPD.
- C. Malfunctioning valves shall be brought to the attention of PVRPD for approval of appropriate repair.
- D. Notify PVRPD immediately of any system failure or disruption in order that steps can be taken to rectify the problem.

3.03 HARDSCAPED AREAS

Maintain all hardscape areas weed-free. Use of chemicals is elective with Contractor, subject to prior approval from PVRPD and shall conform as specified. The use of toxic chemicals shall require proof of proper permit for use on this jobsite. Weed control shall be performed as often as needed or required.

3.04 IRRIGATION SCHEDULING

At least once every two weeks, the Contractor shall review water requirements of the project by probing in at least one area covered by each sectional valve and ascertaining the anticipated water requirements, adjusting the automatic controller accordingly. Particular attention shall be given to avoid applying more water than the soil can absorb at one time. Where more water is required than the soil can take at one time, Contractor shall set the automatic timer for repeat cycles at short intervals to satisfy the ultimate water demand. In no cases shall water be allowed to run across the surface of the ground.

PART 4 MEASUREMENT AND PAYMENT

4.01 MEASUREMENT AND PAYMENT

Measurement and payment for all landscape maintenance work will be made as the contract lump sum price bid and shall include full compensation for all items in the Contract Documents. Provide the lump sum price in the space provided on Bid Schedule of Work and Prices.

END OF SECTION 32 90 20

**SECTION 32 93 33
LANDSCAPE PLANTING**

PART 1 GENERAL

1.01 SECTION INCLUDES

This section includes requirements for the installation of the plant material.

1.02 RELATED SECTIONS

Section 02 41 10 – Existing Conditions and Removal
Section 32 84 23 – Irrigation Systems
Section 32 90 20 – Landscape Maintenance

1.03 SUBMITTALS

- A. Furnish material invoices indicating the quantities of fertilizers, soil amendments, and all materials delivered to the job site. Material invoices must be approved by the Landscape Architect prior to incorporating soil amendments. Certificates shall be prepared by the supplier or distributor and shall indicate the quantities and qualities of materials used.
- B. Plant Material – Submit clear photos of all plant material specified taken and the source. Indicate plant material height and spread measured at the source. Photos must clearly show the plant quality and size. The Landscape Architect will determine if the photos meet the specifications and if further site inspection at the nursery is required or if another source is required to produce the specified plant material.

1.04 PROTECTION

- A. Contractor shall check or locate existing structures, electric cables or conduits, utility lines and other existing features or conditions above or below ground level that might be damaged as a result of the operation. Questions or conflicts arising out of such examination prior to or during operation shall be immediately directed to the attention of the District for necessary action or decisions before resuming operation. Contractor shall be responsible for repair or replacement at no cost to the District for features or conditions damaged through failure to comply with the above procedures.
- B. Protect existing trees and tree roots from any damage that may be caused as a result of any planting or irrigation operations.

1.05 ALTERNATES

Alternates will not be permitted, except where indicated, and as approved by the Landscape Architect.

1.06 LANDSCAPE ON-SITE OBSERVATIONS

- A. The Contractor shall notify the district and the Landscape Architect forty-eight (48) hours in advance for all required On-Site Observations. The final On-Site Observation shall require seven (7) days advance notice.
- B. The Contractor shall submit for approval a complete work schedule indicating tentative dates for On-Site Observations.
- C. Record drawings shall be current and present at the time of On-Site Observations and shall be updated on a weekly basis.
- D. Landscape On-Site Observations shall be required for the following phases of Work:
 - 1. Job start meeting.
 - 2. Finish grading - When all fine grading work is complete, notify the Landscape Architect for approval prior to proceeding with the planting.
 - 3. Soil Preparation - furnish certificates for soil amendments at this time. Quantities must be reviewed by the Landscape Architect prior to incorporating into soil. When all soil preparation work is complete notify the Landscape Architect for approval prior to proceeding with the work.
 - 4. Irrigation System Review - See Irrigation Section.
 - 5. Review plant material for quality prior to planting. The Landscape Architect has the right to reject any plant material that it deems unacceptable at time of delivery.
 - 6. Review planting during the planting process.
 - 7. Review planting after installation.
 - 8. Pre-maintenance - When all Work has been completed a pre-maintenance walk thru shall be conducted and the contractor must receive approval from the District prior to starting the maintenance period.
 - 9. Maintenance - Notify the District and the Landscape Architect after the maintenance period has progressed for thirty days for a review of all work and make all corrections that are deemed necessary.
 - 10. Final Review - After the ninety-day (90) maintenance period is complete notify the District and the Landscape Architect for a final review of all work. All work must receive approval from the District and the Landscape Architect prior to being deemed complete and or filing a notice of completion.

1.07 QUALITY

All plant material shall have a growth habit normal to the species and shall be sound, healthy, vigorous and free from insect pests, plant diseases, sun scalds, fresh bark abrasions, excessive abrasions, or other objectionable disfigurements. Tree trunks shall be sturdy and well "hardened off." All plants shall have normal well-developed branch systems, and vigorous and fibrous roots systems which are neither root- nor pot-bound and are free of kinked or girdling roots.

1.08 GUARANTEE

All plant material shall be guaranteed for one year. This guarantee is in addition to, and not a limitation of, other rights the District may have under the Contract Document.

PART 2 PRODUCTS

2.01 MATERIALS – LANDSCAPE

- A. Soil Amendments: Organic soil amendment shall be Agromin “Agromend”, or equal.
- B. Soil preparation materials per 1,000 square feet:
 - 1. Three cubic yards of organic soil amendment
 - 2. Commercial Fertilizer (15-15-15), eight pounds

2.02 SEED

Seed shall be clearly tagged and labeled showing type of seed, test date, name of supplier and percentage of the following: crop seed, inert matter, weed seed, noxious weeds, and total germination content.

2.03 WOOD FIBER

Wood fiber shall be derived from cellulose such as wood pulp or similar organic material. when used in the applied mixture, an absorptive or porous mat will result on the surface of the ground. add green dye to mix.

2.04 FERTILIZER

Applied in the soil prep work.

2.05 HYDROSEED MIX – LAWN

- A. Hydroseed mix of the following at the rate of twelve pounds per 1,000 square feet (percent by weight):
 - 1. Seed - Stover "Pro-Sportsfield Elite" seed mix at the rate of 12 pounds per 1,000 square feet.
 - 2. Fertilizer – (12-12-12) at the rate of 400 pounds per acre.
 - 3. Soil stabilizer (ecology controls m-binder) at the rate of 160 pounds per acre.
 - 4. Fiber at the rate of 2,000 pounds per acre.

2.06 WATER

Water shall be clean, fresh, suitable for domestic consumption and free from such amounts of mineral and organic substances that would inhibit seed germination or growth.

2.07 EQUIPMENT

- A. Mixing shall be performed in a tank with a built-in continuous agitation and recirculation system of sufficient operating capacity to produce a homogeneous slurry of fiber, soil stabilizer, seed, and water in the specified proportions.
- B. The discharge system shall be capable of applying the slurry to the ground surface at a continuous and uniform rate.

PART 3 EXECUTION

3.01 SITE CONDITION

Hydroseeding shall not begin prior to approval of irrigation and fine grading.

3.02 GROUND PREPARATION - ALL AREAS

- A. After the Site Clearance and Preparation has been approved by the District planted areas shall be thoroughly cultivated to a depth of six inches to reduce any compaction, which occurs as a result of construction. Protect existing tree roots.
- B. Stones or rocks over 1" in size, construction refuse, and other deleterious material shall be removed from the site, safely and legally disposed of.
- C. Apply soil preparation materials to all planting areas and thoroughly incorporate into the top six inches of soil.
- D. Wet soil thoroughly and allow to settle. Repeat this compaction procedure until soil is stable enough to permit aeration and drainage for plant material.
- E. Finish grade all planting areas to a smooth, uniform surface ready for planting. Finish grade shall be one inch below finish grade of adjacent paved surfaces unless otherwise noted on Drawings.

3.03 MIXING

Seed, fiber, soil stabilizer, and water shall be thoroughly mixed into a homogeneous slurry of the proper consistency to adhere to the ground surface without lumping or running. Slurry must be applied within four (4) hours after mixing or it shall be rejected and removed from the site and replaced at the Contractor's expense.

3.04 CLEAN UP

Any slurry, which is sprayed on adjacent building or paved surfaces, shall be thoroughly washed and removed from the site.

PART 4 MEASUREMENT AND PAYMENT

4.01 MEASUREMENT AND PAYMENT

Measurement and payment for all landscape planting will be made as the contract lump sum price bid and shall include full compensation for all items in the Contract Documents. Provide the lump sum price in the space provided on Bid Schedule of Work and Prices.

END OF SECTION 32 93 33

APPENDIX A

CONSTRUCTION DRAWINGS

Drawings included on following pages.

CONSTRUCTION PROGRAM

A. THE CONTRACTOR SHALL IMPLEMENT A CONSTRUCTION PROGRAM THAT PREVENTS ILLICIT CONSTRUCTION-RELATED DISCHARGES OF POLLUTANTS INTO THE MS4, IMPLEMENTS AND MAINTAINS STRUCTURAL AND NON-STRUCTURAL BMPs TO REDUCE POLLUTANTS IN STORMWATER RUNOFF FROM CONSTRUCTION SITES, REDUCES CONSTRUCTION SITE DISCHARGES OF POLLUTANTS FROM THE MS4 TO THE MEP, AND PREVENTS CONSTRUCTION SITE DISCHARGES FROM THE MS4 FROM CAUSING OR CONTRIBUTING TO A VIOLATION OF WATER QUALITY STANDARDS.

BMP IMPLEMENTATION – CONSTRUCTION SITES LESS THAN ONE ACRE
 THE CONTRACTOR SHALL REQUIRE THE IMPLEMENTATION OF AN EFFECTIVE COMBINATION OF EROSION AND SEDIMENT CONTROL BMP'S FROM THE COUNTY OF VENTURA STORMWATER QUALITY MANAGEMENT PROGRAM BEST MANAGEMENT PRACTICES FOR CONSTRUCTION LESS THAN 1 ACRE.

BMPs AT CONSTRUCTION SITES LESS THAN 1 ACRE

EROSION CONTROL FOR BMPs	YES	NO	REASON FOR NO
EC-1 OR SS-1 SCHEDULING	■		
EC-2 OR SS-2 PRESERVATION OF EXISTING VEGETATION	■		
TEMPORARY SEDIMENT CONTROL BMPs			
SE-1 OR SC-1 SILT FENCE	■		
SE-8 OR SC-8 SANDBAG BARRIER	■		
TEMPORARY TRACKING CONTROL BMPs			
TC-1 STABILIZED CONSTRUCTION ENTRANCE/EXIT	■		
NON-STORMWATER MANAGEMENT BMPs			
NS-1 WATER CONSERVATION PRACTICES	■		
NS-2 DEWATERING OPERATIONS		■	NO EXCAVATION EXPECTED
WASTE MANAGEMENT & MATERIALS POLLUTION CONTROL BMPs			
WM-1 MATERIAL DELIVERY & STORAGE	■		
WM-3 STOCKPILE MANAGEMENT	■		
WM-4 SPILL PREVENTION & CONTROL	■		
WM-5 SOLID WASTE MANAGEMENT	■		
WM-8 CONCRETE WASTE MANAGEMENT	■		
WM-9 SANITARY/SEPTIC WASTE MGMT	■		
ADDITIONAL BMPs SELECTED			

PONDED STORM WATER MAY BE DISCHARGED AT A CONCENTRATION OF TOTAL SUSPENDED SOLIDS (TSS) OF 100 MG/L OR LESS

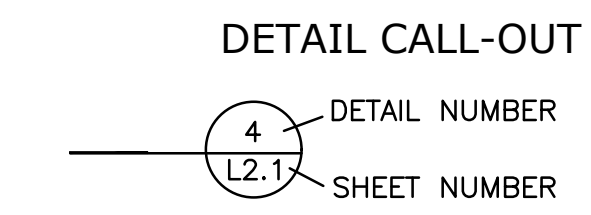
SCOPE OF WORK

THIS PROJECT INCLUDES THE CONSTRUCTION OF A BASEBALL FIELD INCLUDING CONCRETE SIDEWALKS AND BASEBALL FIELD PAD, MASONRY WALLS, FENCING, IRRIGATION, TURF HYDRO-SEED, ELECTRICAL WORK, AND SYNTHETIC TURF INSTALLATION.

APPLICABLE CODES & STANDARDS

- PART 1 – 2019 CALIFORNIA BUILDING STANDARD ADMINISTRATIVE CODE. TITLE 24 C.C.R.
- PART 2 – 2019 CALIFORNIA BUILDING CODE – TITLE 24 C.C.R.
- PART 11 – 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE TITLE 24 C.C.R.
- CALIFORNIA DEPARTMENT OF WATER RESOURCES MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO) C.C.R., TITLE 23, CHAPTER 2.7, DIVISION 2.

SYMBOLS



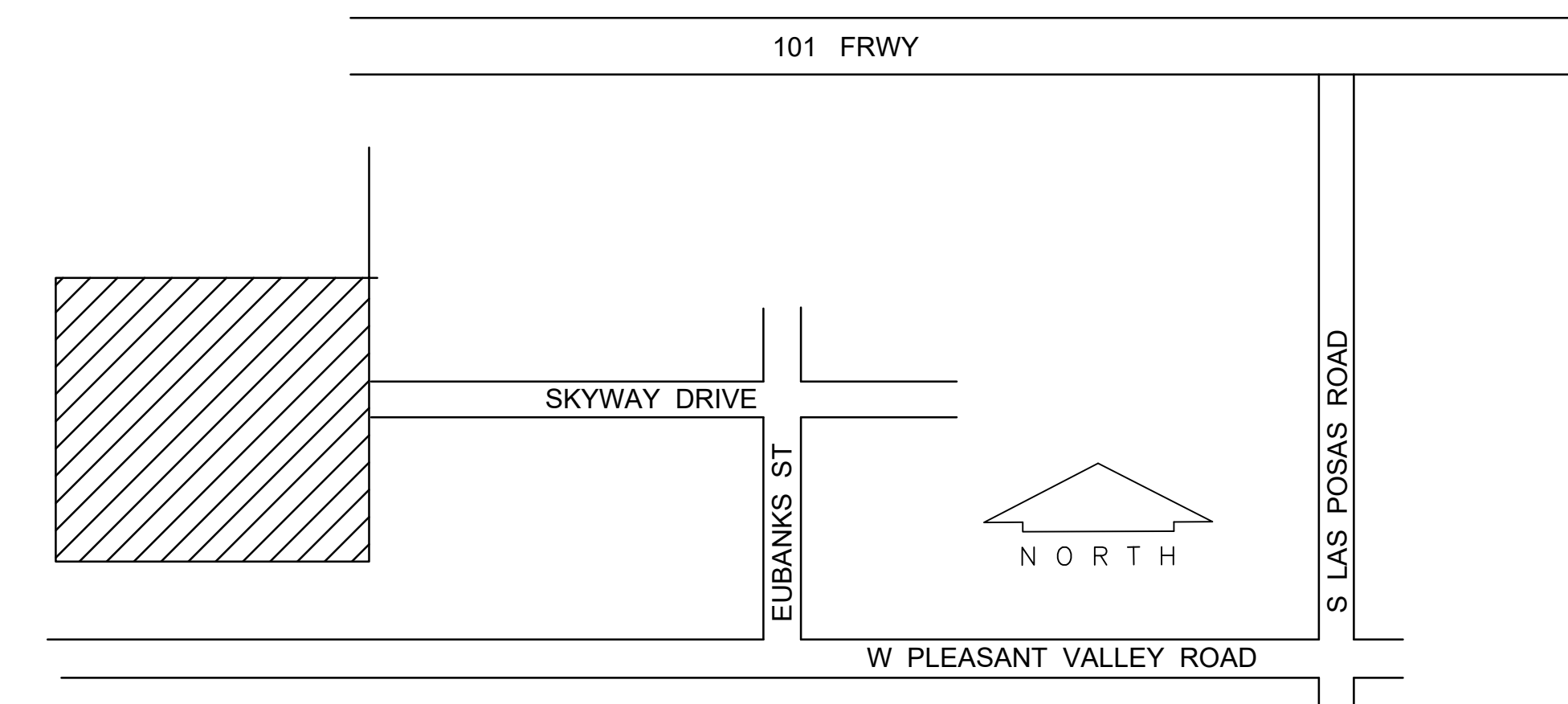
ABBREVIATIONS

- | | | | |
|--------|------------------------|--------|------------------------|
| CONC. | CONCRETE | P.O.T. | PATH OF TRAVEL |
| C.A.B. | CRUSHED AGGREGATE BASE | PSI | POUNDS PER SQUARE INCH |
| CONT. | CONTINUOUS | (N) | NEW |
| CONC. | CONCRETE | O.C. | ON CENTER |
| C.O. | CLEAN OUT | STL. | STEEL |
| C.L. | CHAIN LINK | TC | TOP OF CURB |
| D.G. | DECOMPOSED GRANITE | TG | TOP OF GRATE |
| DIA. | DIAMETER | | |
| E.J. | EXPANSION JOINT | | |
| (E) | EXISTING | | |
| FIN. | FINISH | | |
| F.O.C. | FACE OF CURB | | |
| FG | FINISH GRADE | | |
| FS | FINISH SURFACE | | |
| GRD. | GRADE | | |
| INV | INVERT ELEVATION | | |
| IRR | IRRIGATION | | |
| MAX | MAXIMUM | | |
| M.P.R. | MULTI PURPOSE ROOM | | |
| P.A. | PLANTING AREA | | |

LANDSCAPE CONSTRUCTION PLANS FOR: MIRACLE BASEBALL FIELD AT FREEDOM PARK CAMARILLO, CA 93010

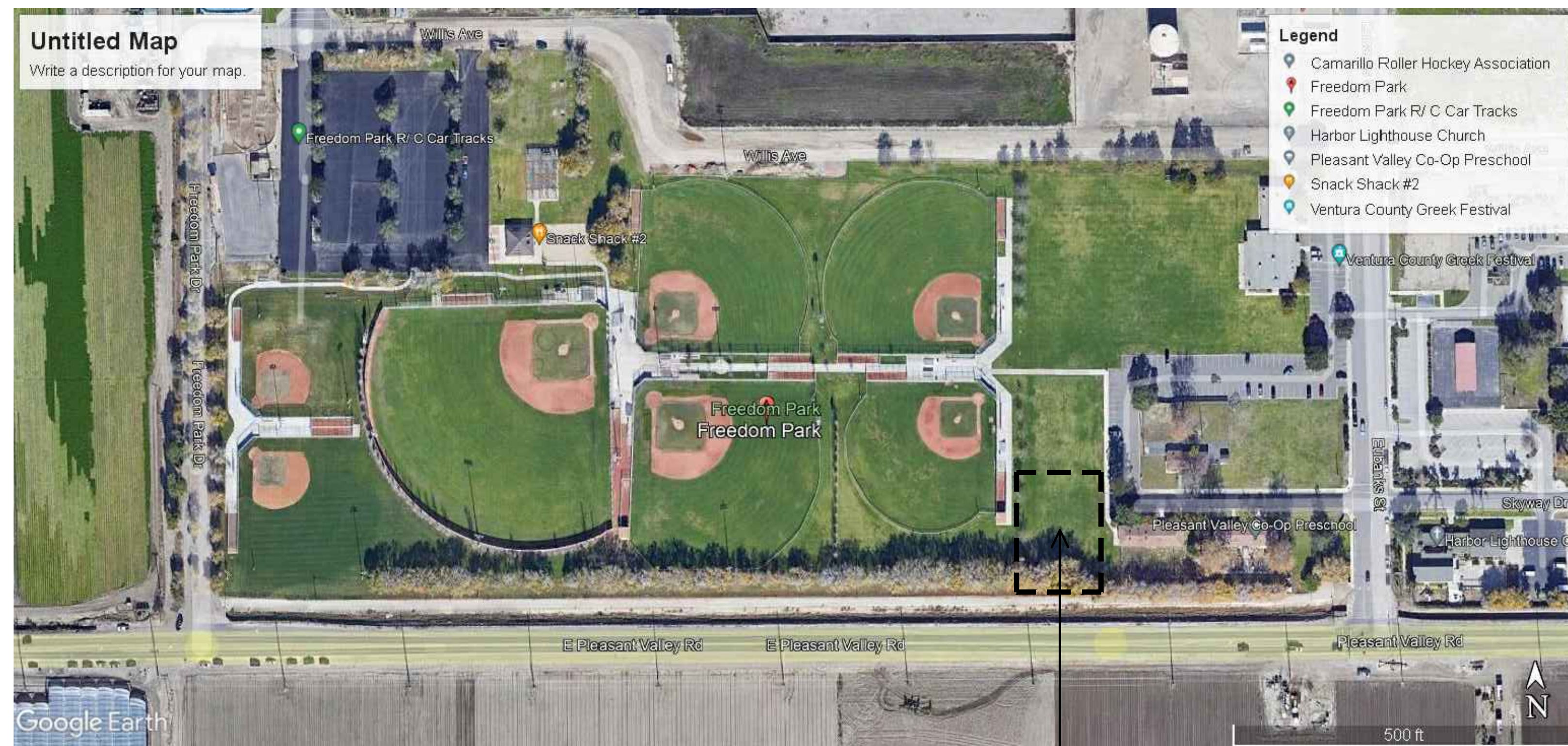
MIRACLE LEAGUE OF THE 805
 2310 PONDEROSA DRIVE, SUITE 21
 CAMARILLO, CA 93010

VICINITY MAP NOT TO SCALE



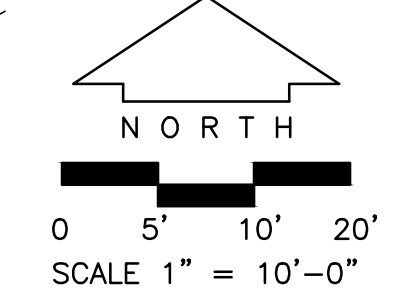
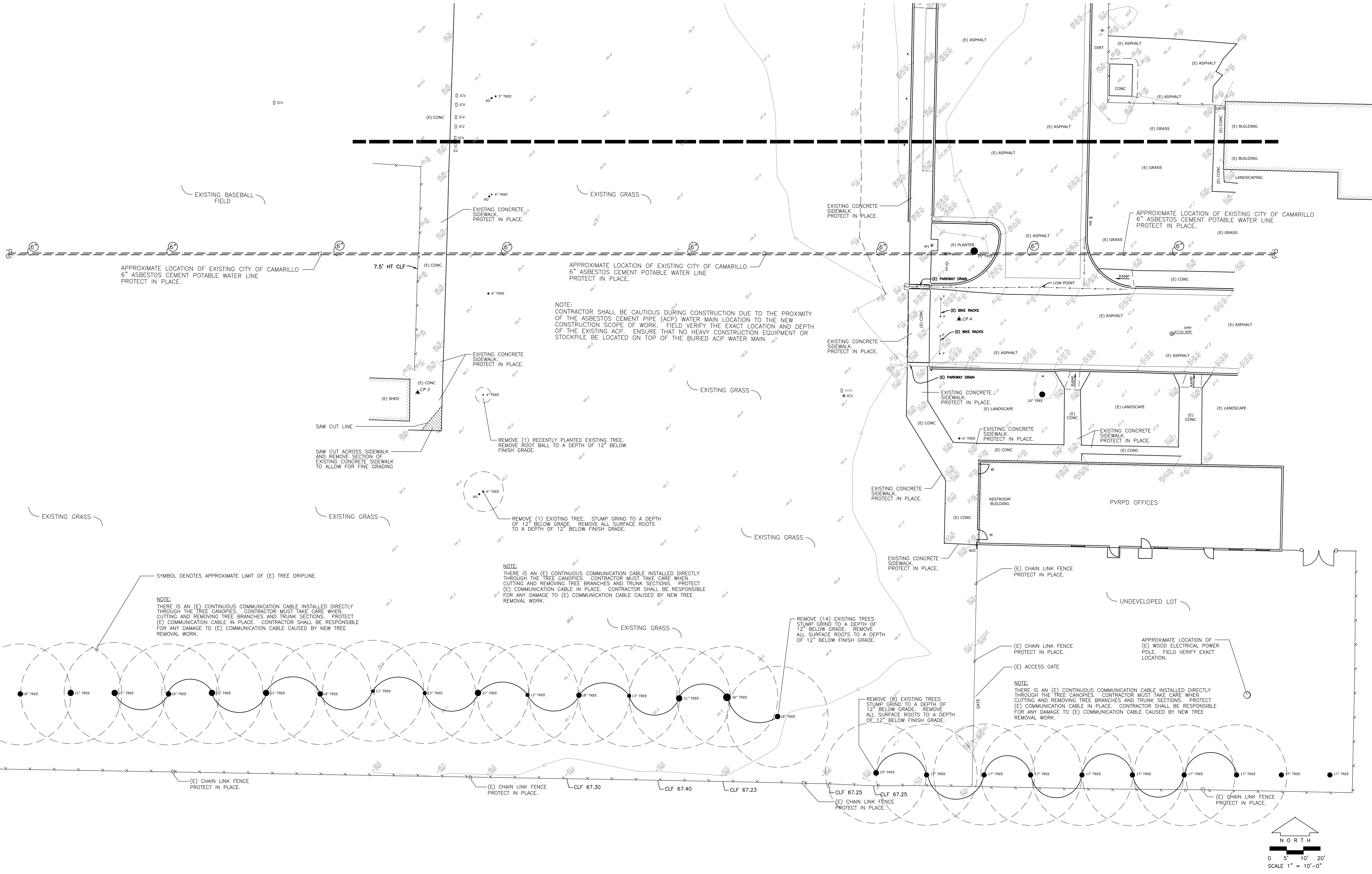
SHEET INDEX

SHEET #	DRAWING #	DESCRIPTION
1	L1.1	COVER SHEET
2	L2.1	EXISTING TOPO AND REMOVALS PLAN
3	L2.2	STAKING PLAN & GRADING PLAN
4	L3.1	CONSTRUCTION DETAILS
5	L3.2	CONSTRUCTION DETAILS
6	L3.3	CONSTRUCTION DETAILS
7	L3.4	CONSTRUCTION DETAILS
8	L3.5	CONSTRUCTION DETAILS
9	L3.6	CONSTRUCTION DETAILS
10	L3.7	CONSTRUCTION DETAILS
11	L4.1	IRRIGATION PLAN
12	L4.2	IRRIGATION LEGEND AND NOTES
13	L4.3	LANDSCAPE DETAILS
14	L5.1	PLANTING PLAN

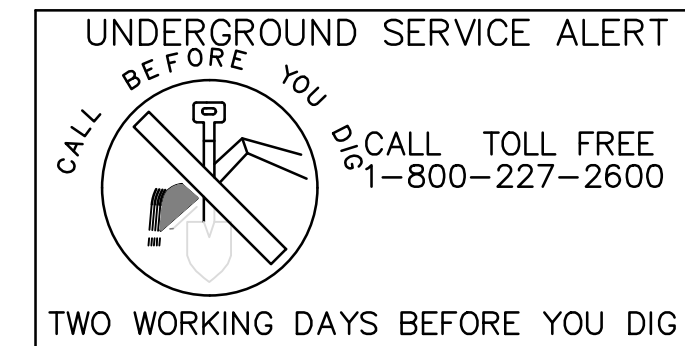


FREEDOM PARK SITE MAP
 NTS

MIRACLE FIELD LOCATION



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REVISIONS			
NO.	DATE	BY	DESCRIPTION

CLIENT
MIRACLE LEAGUE OF THE 805
 2310 PONDEROSA DRIVE
 SUITE 21
 CAMARILLO, CALIFORNIA 93010

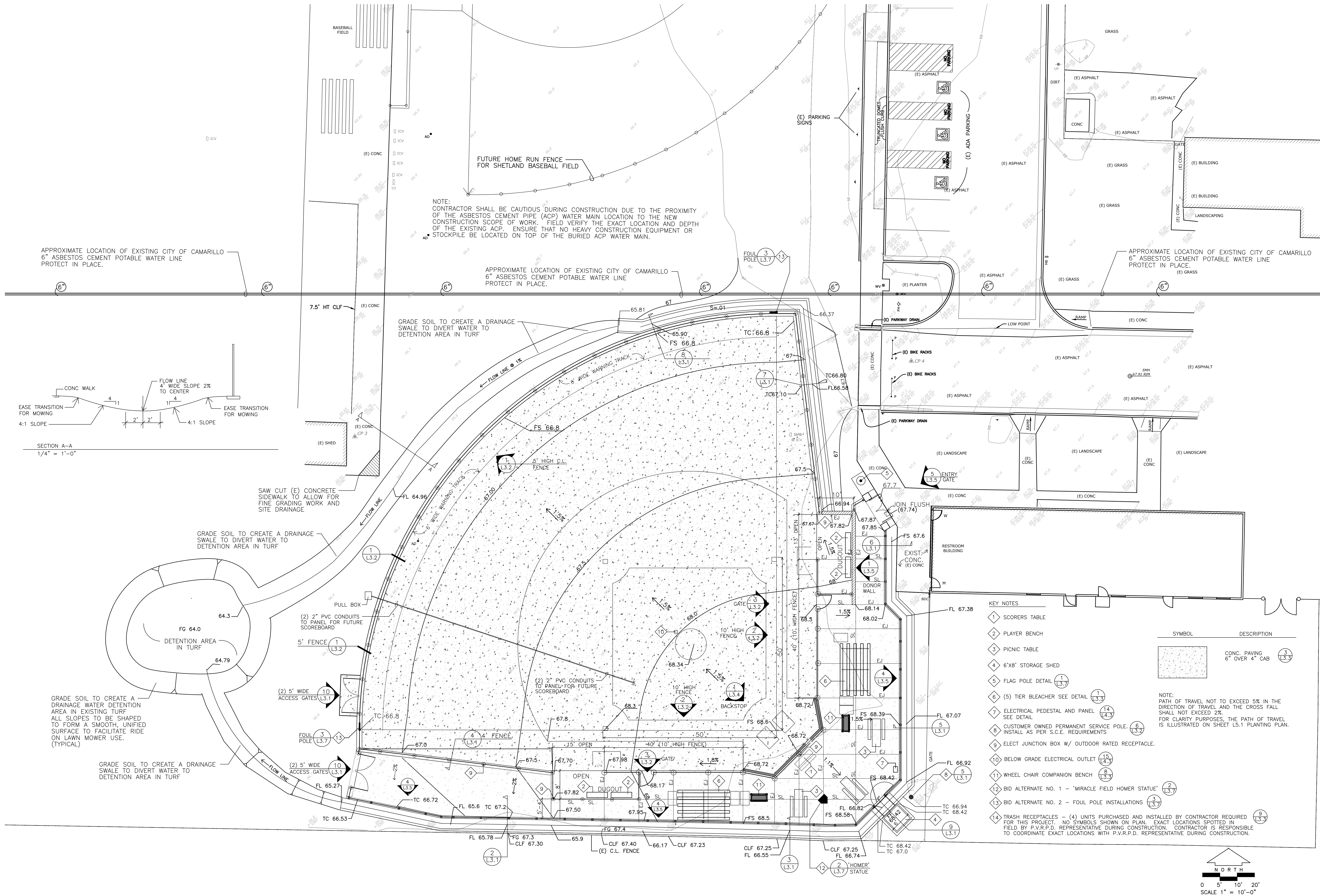
PROJECT:
MIRACLE LEAGUE BASEBALL FIELD
 FREEDOM PARK
 CAMARILLO, CA.

SHEET TITLE:
EXISTING CONDITIONS & REMOVALS

JORDAN, GILBERT & BAIN
 LANDSCAPE ARCHITECTS, INC.
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 (805) 642-3641 FAX (805) 653-7874
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DRAWN: JB
 CITY SUBMITTAL: 8-5-22
 BID DATE: 10-12-22
 CONSTRUCTION: 10-12-22

DRAWING
L2.1
 SHEET 2 OF 14
 PROJECT No. 20.16

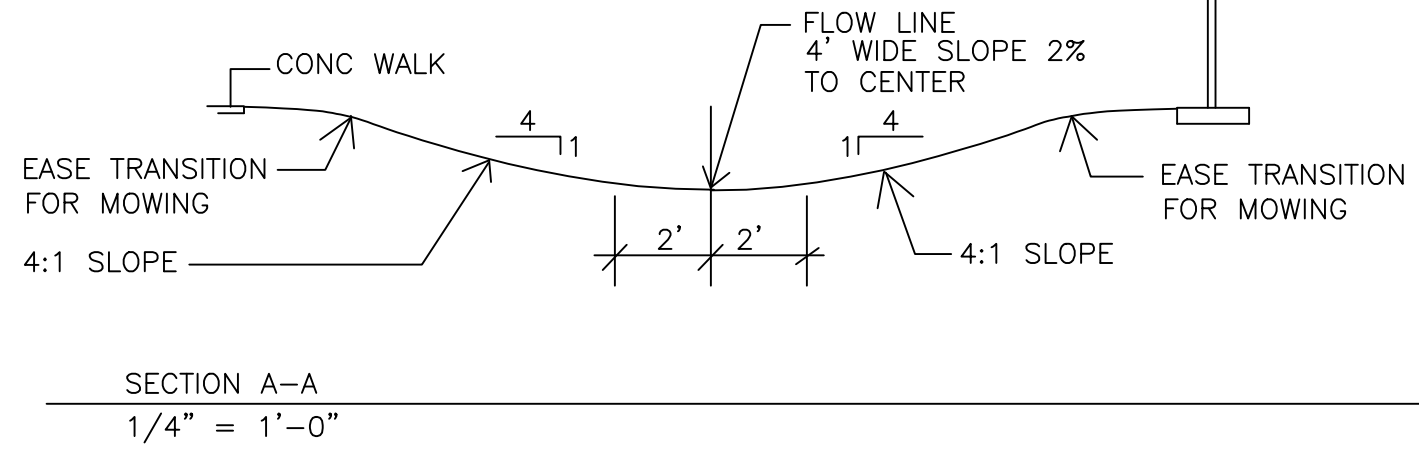


APPROXIMATE LOCATION OF EXISTING CITY OF CAMARILLO
6" ASBESTOS CEMENT POTABLE WATER LINE
PROTECT IN PLACE.

NOTE:
CONTRACTOR SHALL BE CAUTIOUS DURING CONSTRUCTION DUE TO THE PROXIMITY
OF THE ASBESTOS CEMENT PIPE (ACP) WATER MAIN LOCATION TO THE NEW
CONSTRUCTION SCOPE OF WORK. FIELD VERIFY THE EXACT LOCATION AND DEPTH OF
THE EXISTING ACP. ENSURE THAT NO HEAVY CONSTRUCTION EQUIPMENT OR
STOCKPILE BE LOCATED ON TOP OF THE BURIED ACP WATER MAIN.

APPROXIMATE LOCATION OF EXISTING CITY OF CAMARILLO
6" ASBESTOS CEMENT POTABLE WATER LINE
PROTECT IN PLACE.

APPROXIMATE LOCATION OF EXISTING CITY OF CAMARILLO
6" ASBESTOS CEMENT POTABLE WATER LINE
PROTECT IN PLACE.



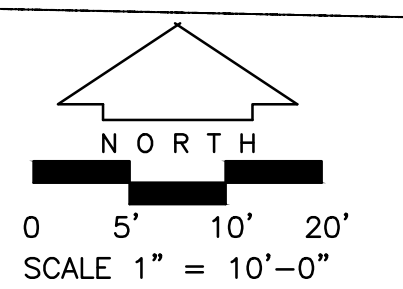
SAW CUT (E) CONCRETE
SIDEWALK TO ALLOW FOR
FINE GRADING WORK AND
SITE DRAINAGE

GRADE SOIL TO CREATE A DRAINAGE
SWALE TO DIVERT WATER TO
DETENTION AREA IN TURF

GRADE SOIL TO CREATE A
DRAINAGE WATER DETENTION
AREA IN EXISTING TURF
ALL SLOPES TO BE SHAPED
TO FORM A SMOOTH, UNIFIED
SURFACE TO FACILITATE RIDE
ON LAWN MOWER USE.
(TYPICAL)

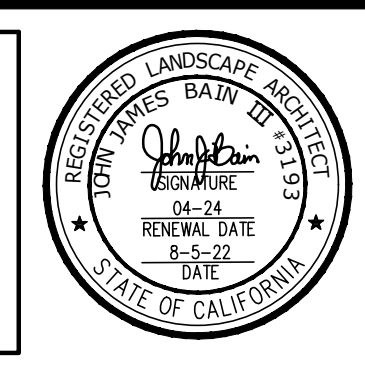
GRADE SOIL TO CREATE A DRAINAGE
SWALE TO DIVERT WATER TO
DETENTION AREA IN TURF

- KEY NOTES
- 1 SCORERS TABLE
 - 2 PLAYER BENCH
 - 3 PICNIC TABLE
 - 4 6'X8' STORAGE SHED
 - 5 FLAG POLE DETAIL
 - 6 (5) TIER BLEACHER SEE DETAIL
 - 7 ELECTRICAL PEDESTAL AND PANEL SEE DETAIL
 - 8 CUSTOMER OWNED PERMANENT SERVICE POLE. INSTALL AS PER S.C.E. REQUIREMENTS
 - 9 ELECT JUNCTION BOX W/ OUTDOOR RATED RECEPTACLE.
 - 10 BELOW GRADE ELECTRICAL OUTLET
 - 11 WHEEL CHAIR COMPANION BENCH
 - 12 BID ALTERNATE NO. 1 - "MIRACLE FIELD HOMER STATUE"
 - 13 BID ALTERNATE NO. 2 - FOUL POLE INSTALLATIONS
 - 14 TRASH RECEPTACLES - (4) UNITS PURCHASED AND INSTALLED BY CONTRACTOR REQUIRED FOR THIS PROJECT. NO SYMBOLS SHOWN ON PLAN. EXACT LOCATIONS SPOTTED IN FIELD BY P.V.R.P.D. REPRESENTATIVE DURING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE TO COORDINATE EXACT LOCATIONS WITH P.V.R.P.D. REPRESENTATIVE DURING CONSTRUCTION.
- | SYMBOL | DESCRIPTION |
|--------|--------------------------------|
| | CONC. PAVING
6" OVER 4" CAB |
- NOTE:
PATH OF TRAVEL NOT TO EXCEED 5% IN THE
DIRECTION OF TRAVEL AND THE CROSS FALL
SHALL NOT EXCEED 2%.
FOR CLARITY PURPOSES, THE PATH OF TRAVEL
IS ILLUSTRATED ON SHEET L5.1 PLANTING PLAN.



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UNDERGROUND SERVICE ALERT
CALL BEFORE YOU DIG
TOLL FREE 1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG



NO.	DATE	BY	DESCRIPTION

CLIENT
MIRACLE LEAGUE OF THE 805
2310 PONDEROSA DRIVE
SUITE 21
CAMARILLO, CALIFORNIA 93010

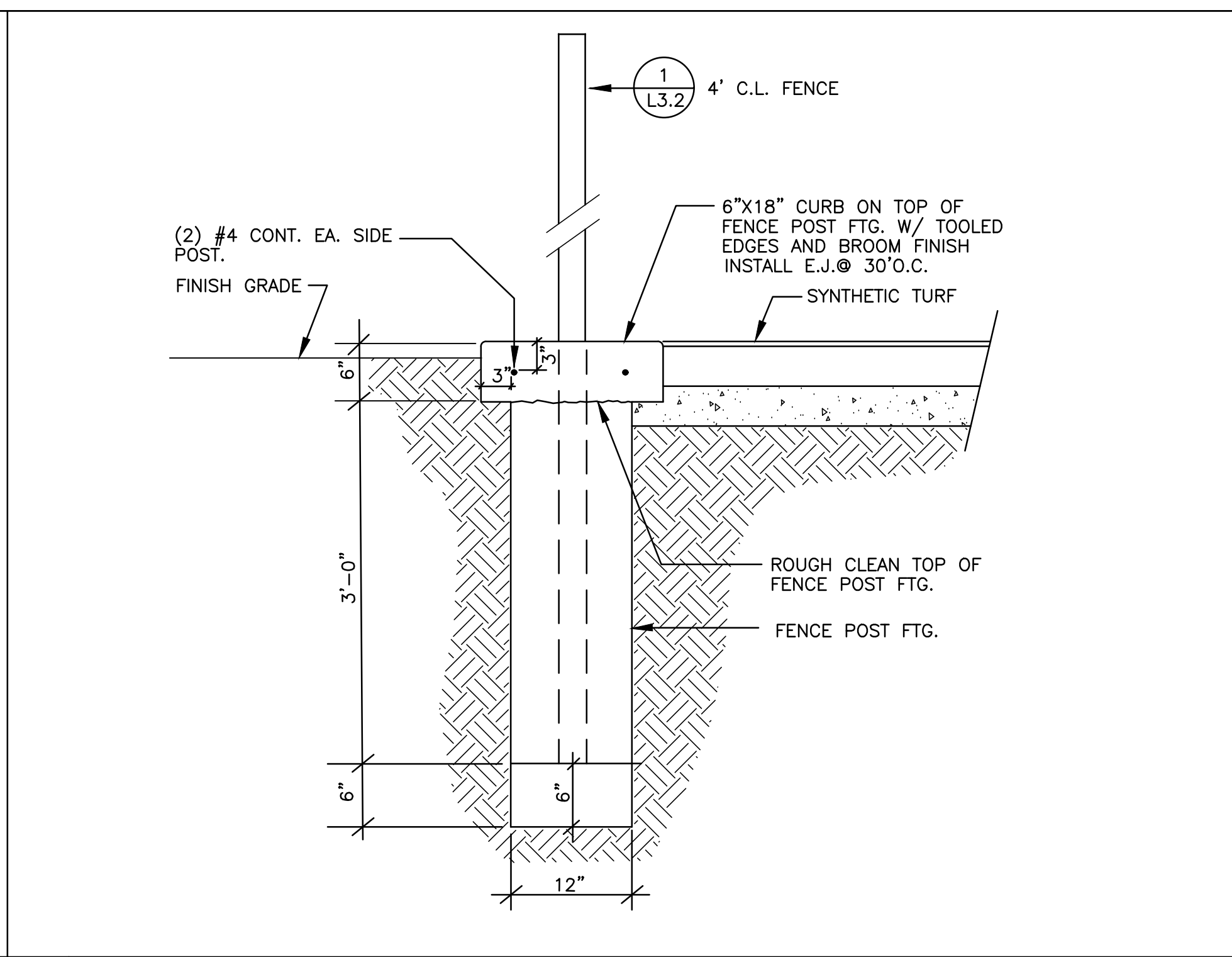
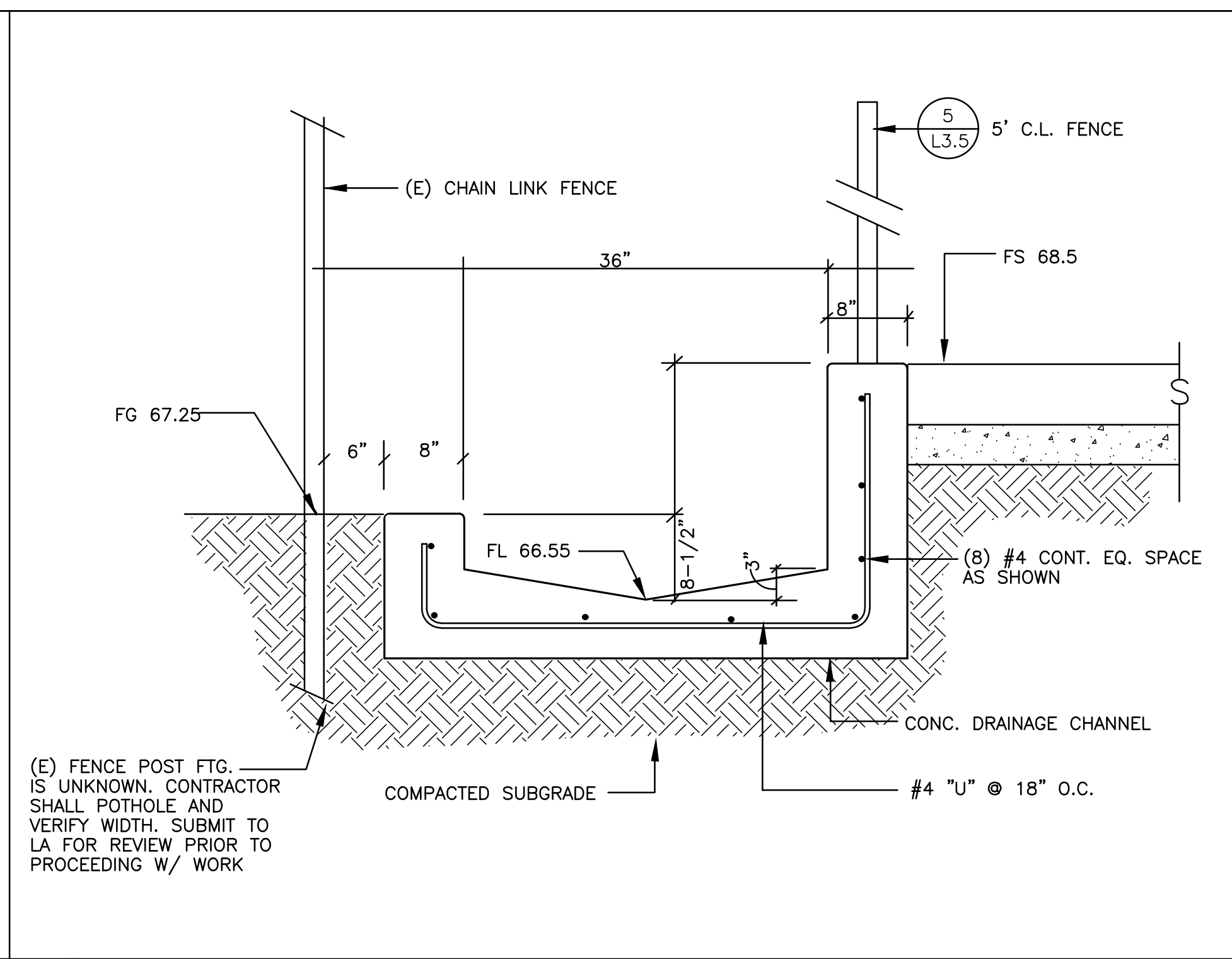
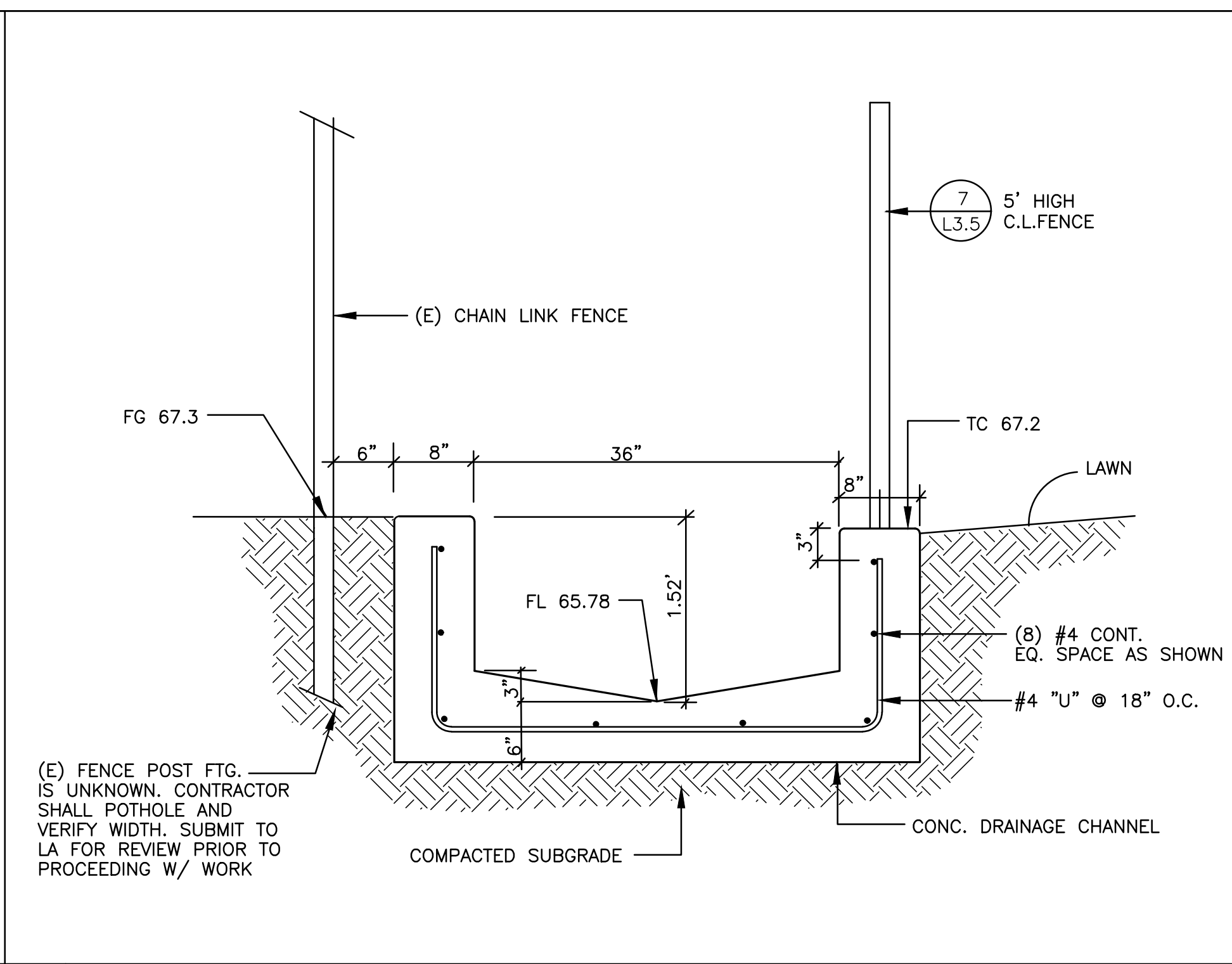
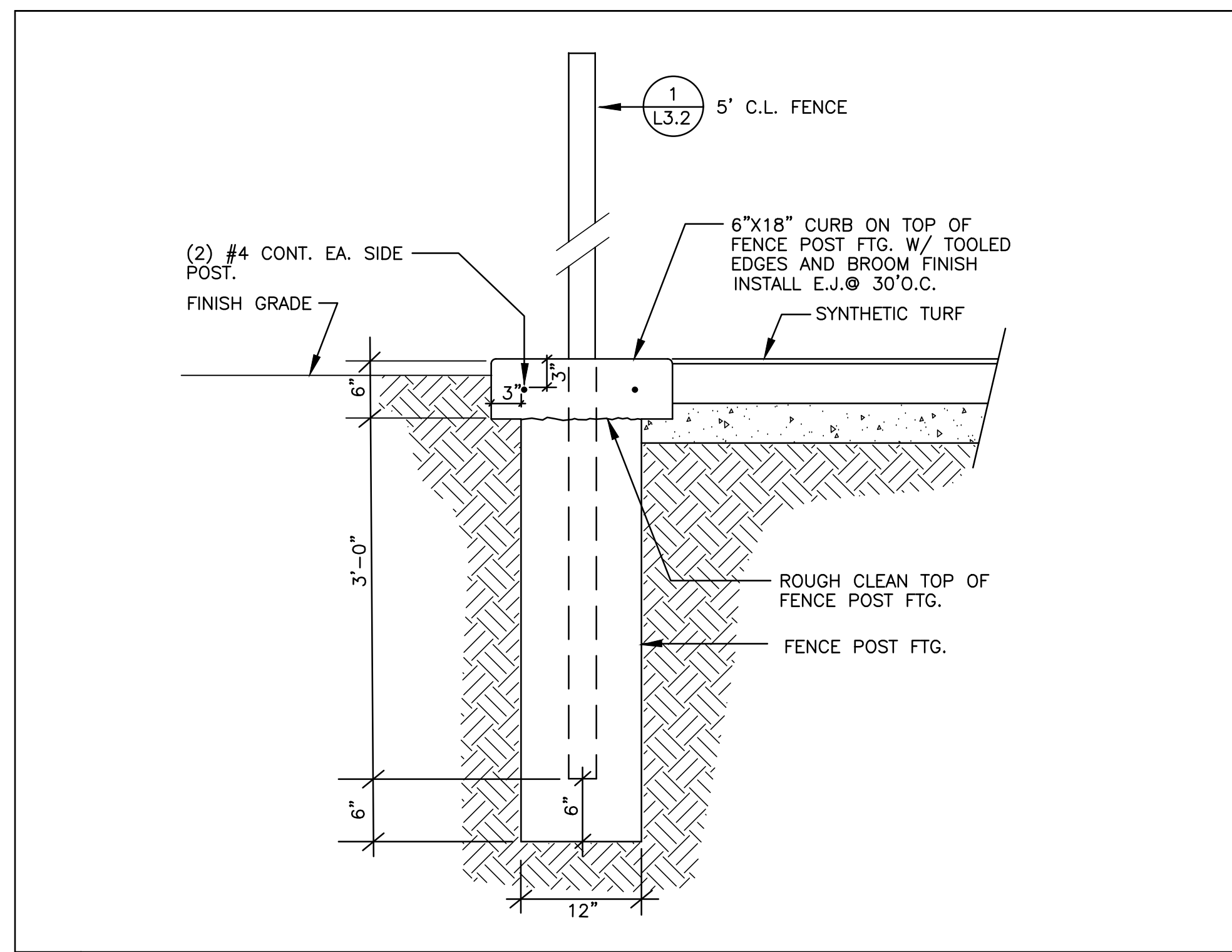
PROJECT:
MIRACLE LEAGUE BASEBALL FIELD
FREEDOM PARK
CAMARILLO, CA.

SHEET TITLE:
STAKING & GRADING PLAN

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CITY SUBMITTAL: 8-5-22
BID DATE: 10-12-22
CONSTRUCTION: 10-12-22

DRAWING
L2.2
SHEET 3 OF 14
PROJECT No. 20.16

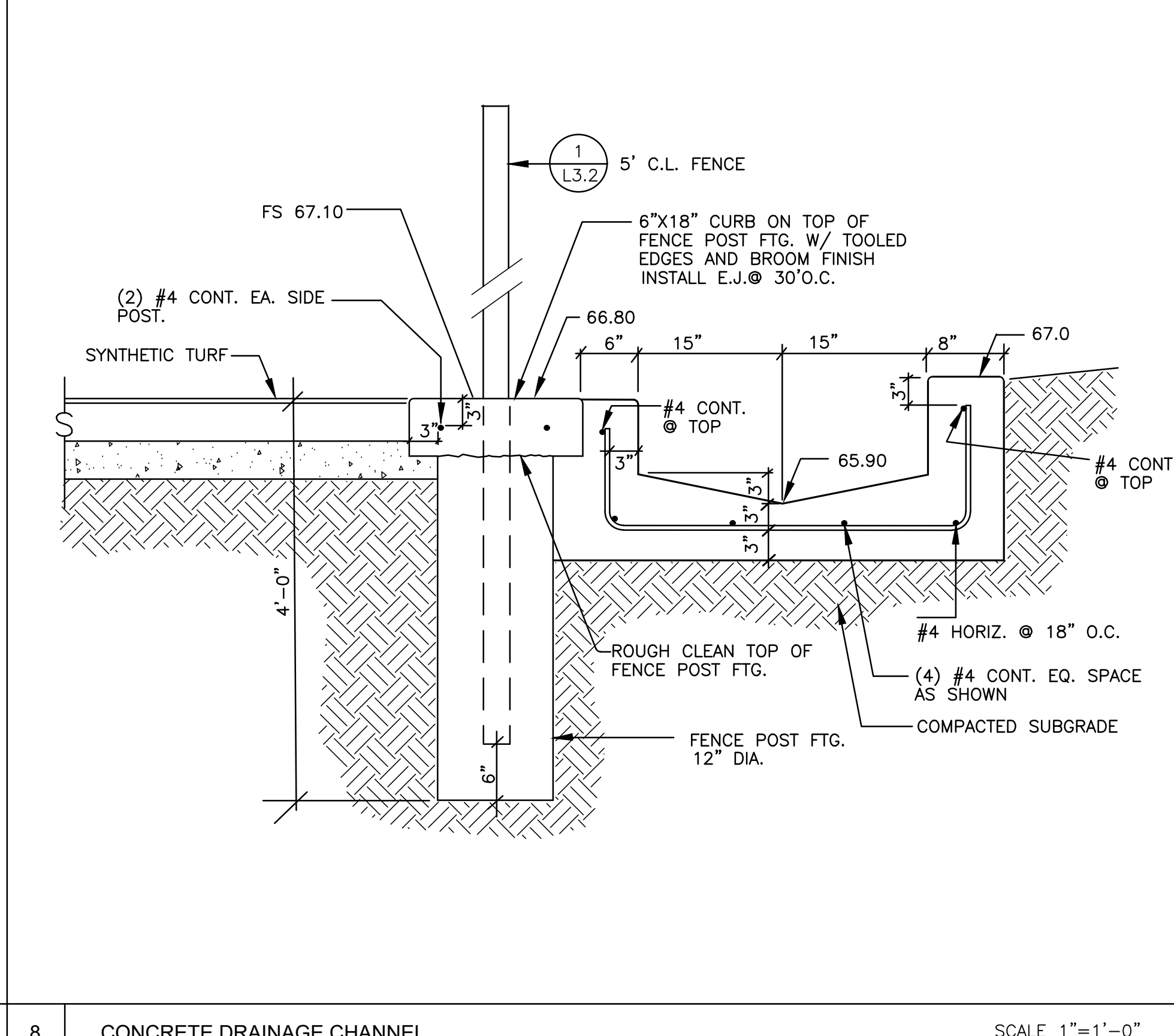
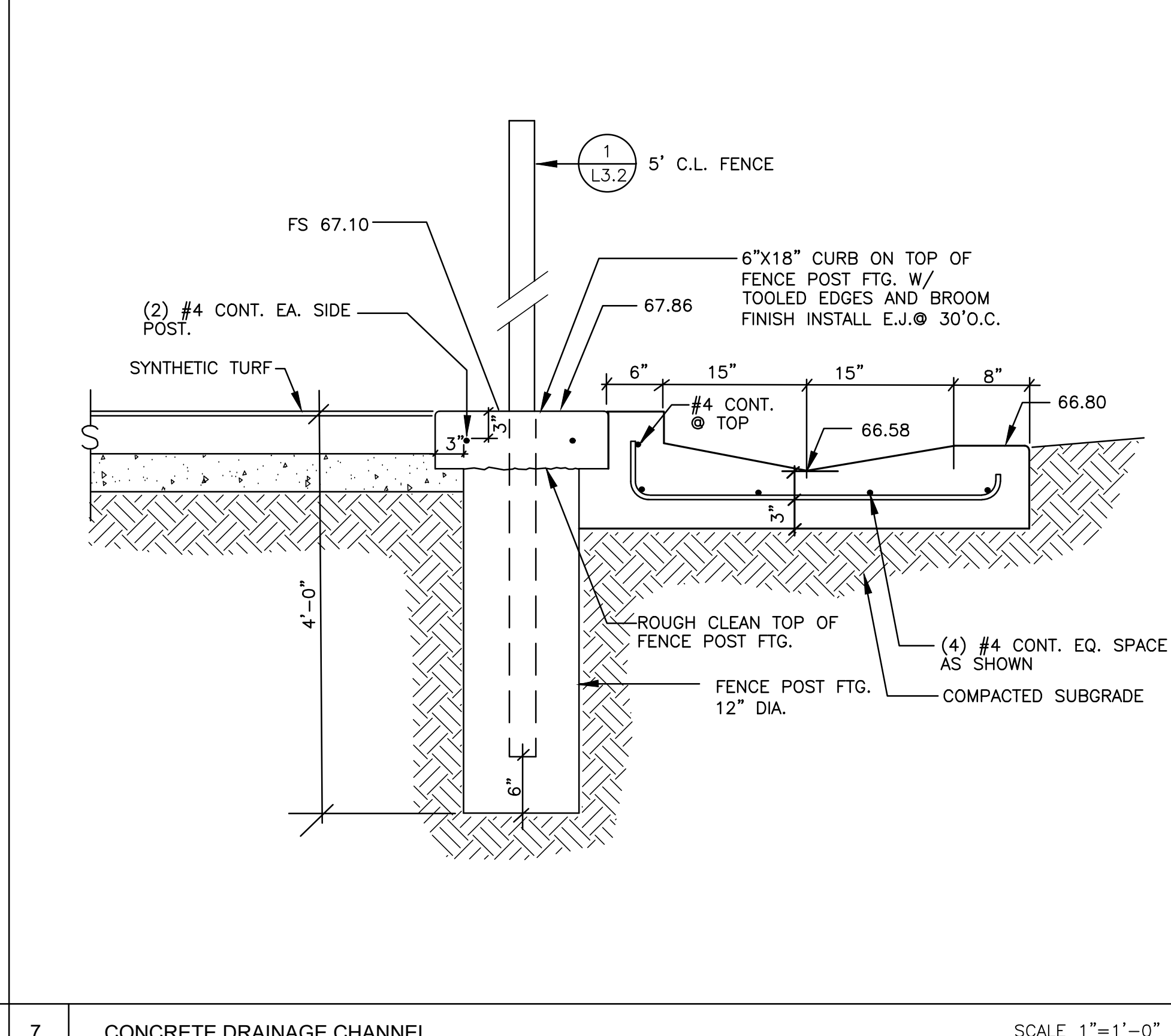
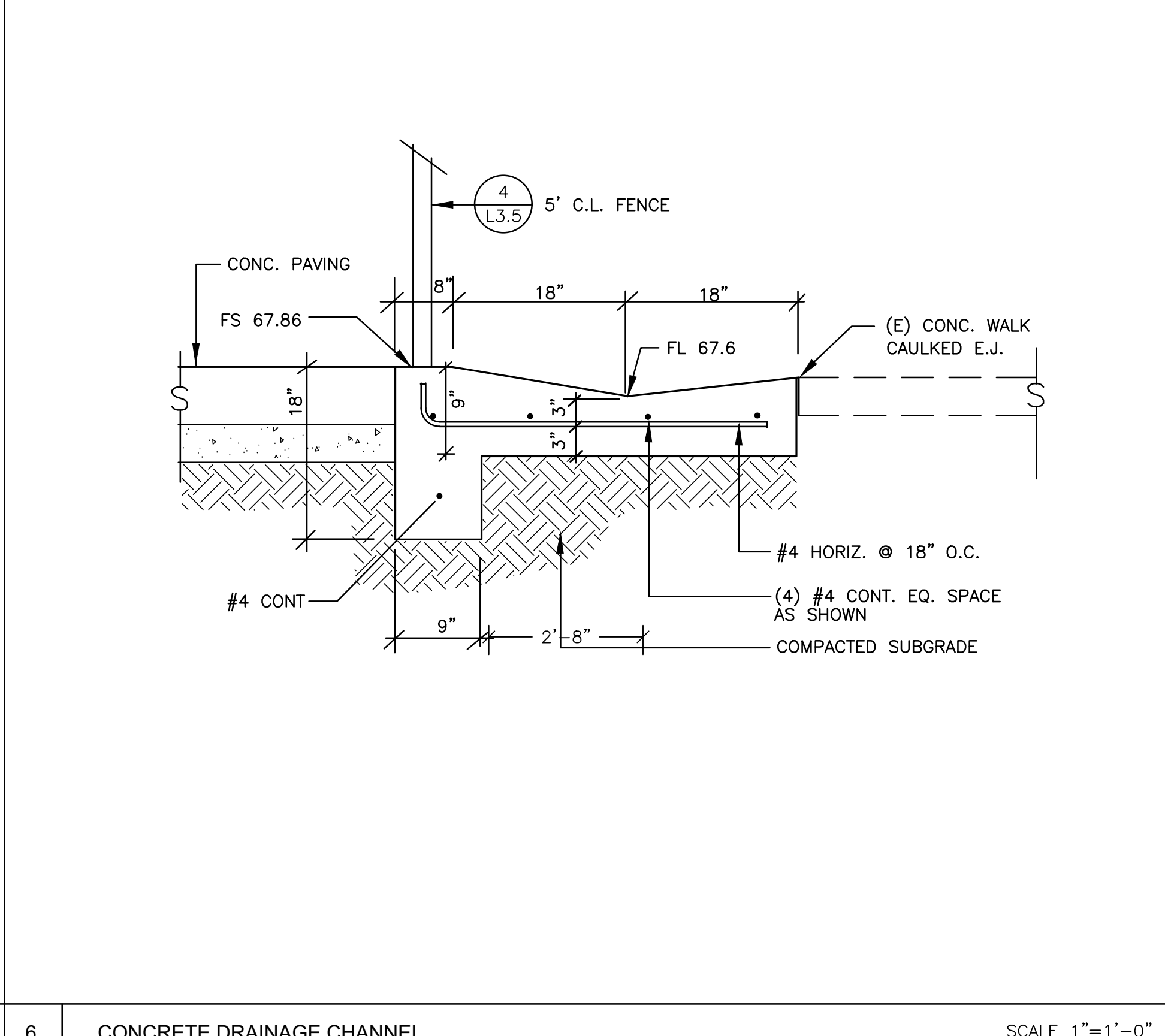
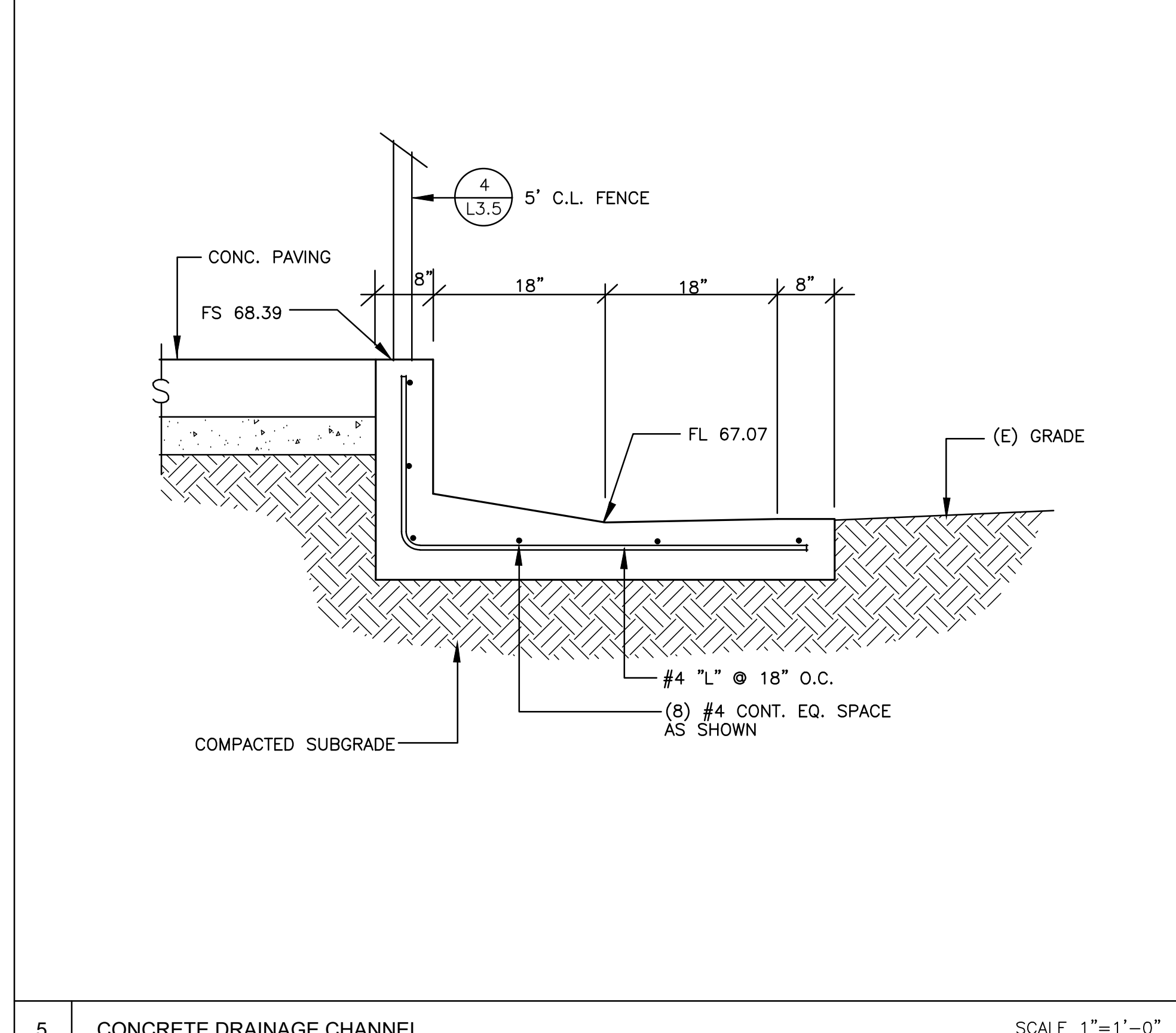


1 5'-0" CHAIN LINK FENCE @ SYNTHETIC TURF AREA SCALE 1"=1'-0"

2 CONCRETE DRAINAGE CHANNEL SCALE 1"=1'-0"

3 CONCRETE DRAINAGE CHANNEL SCALE 1"=1'-0"

4 4'-0" CHAIN LINK FENCE @ SYNTHETIC TURF AREA SCALE 1"=1'-0"

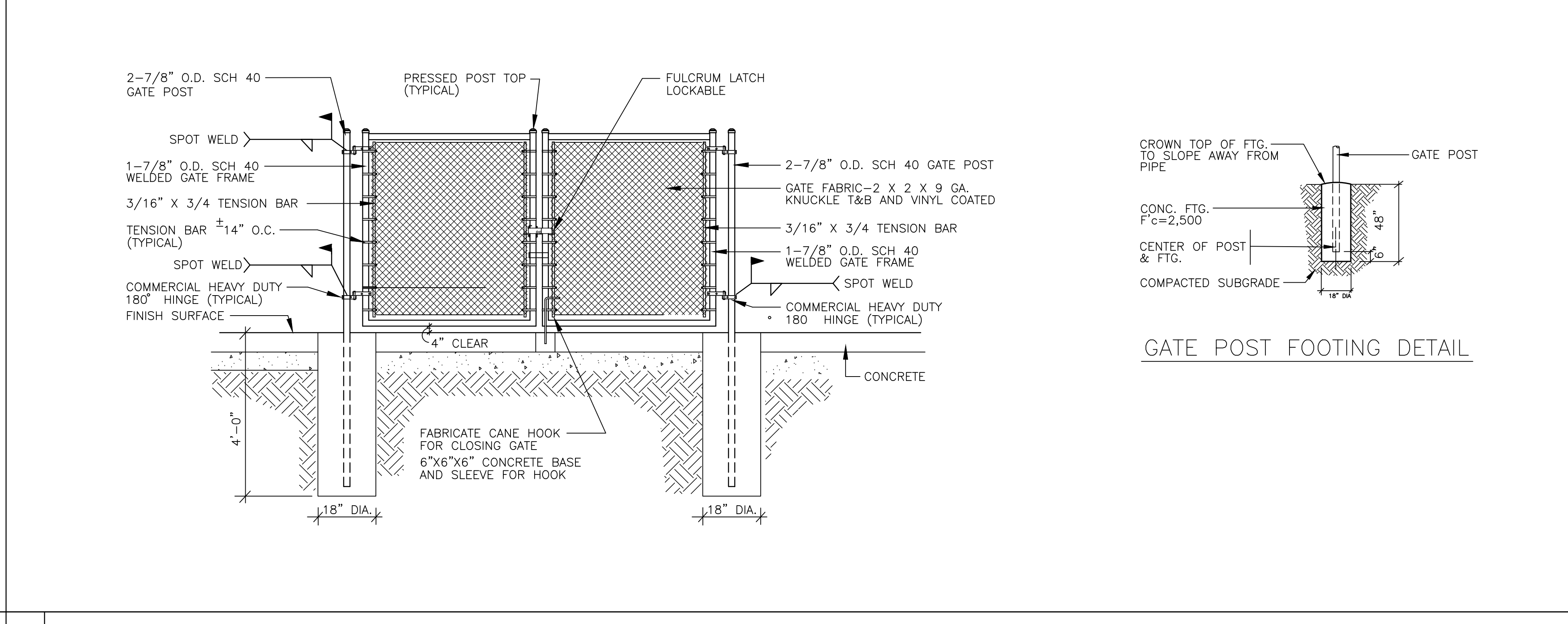
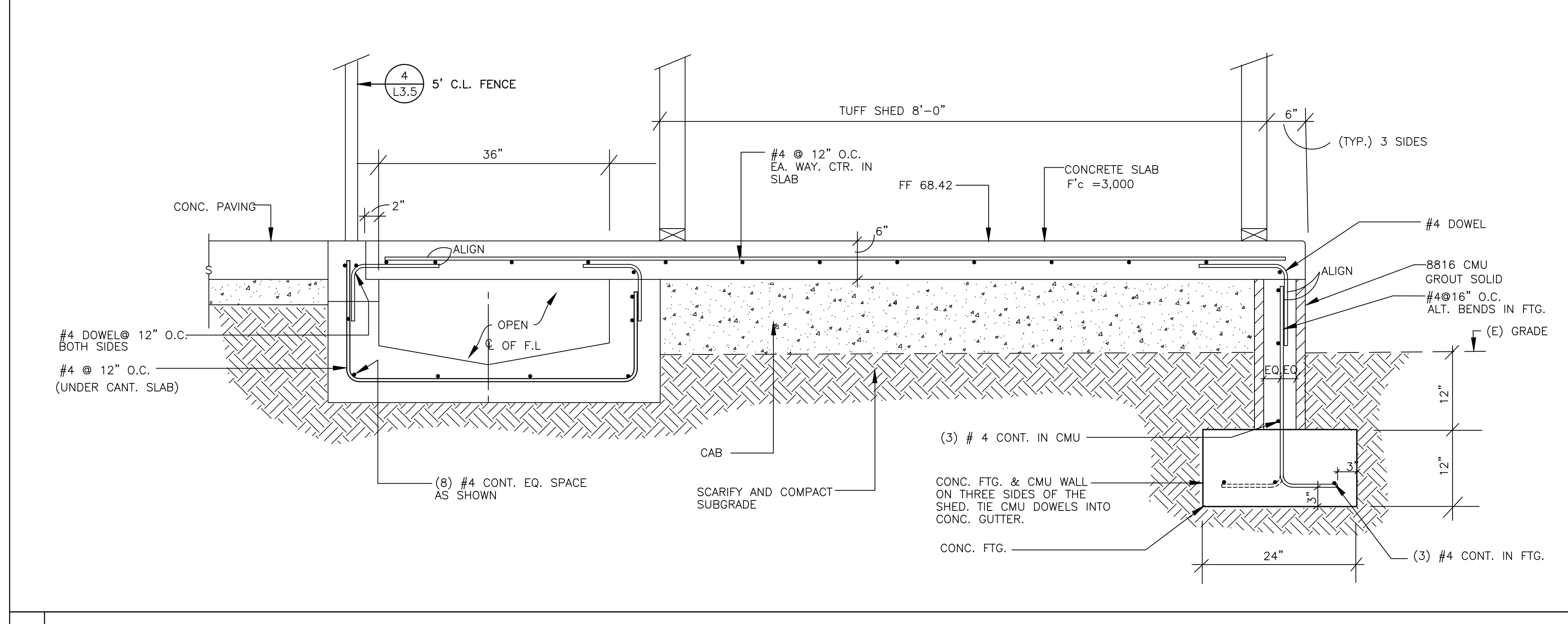


5 CONCRETE DRAINAGE CHANNEL SCALE 1"=1'-0"

6 CONCRETE DRAINAGE CHANNEL SCALE 1"=1'-0"

7 CONCRETE DRAINAGE CHANNEL SCALE 1"=1'-0"

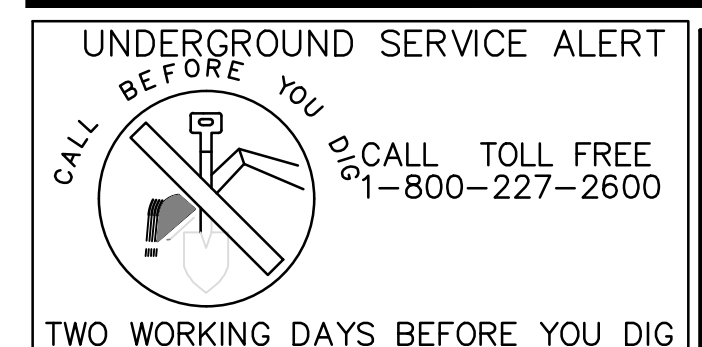
8 CONCRETE DRAINAGE CHANNEL SCALE 1"=1'-0"



9 CANTILEVER CONCRETE SECTION AT SHED SCALE 1"=1'-0"

10 CHAIN LINK MAINTENANCE ACCESS - (2) 5'-0" WIDE ACCESS GATES SCALE 1/2"=1'-0"

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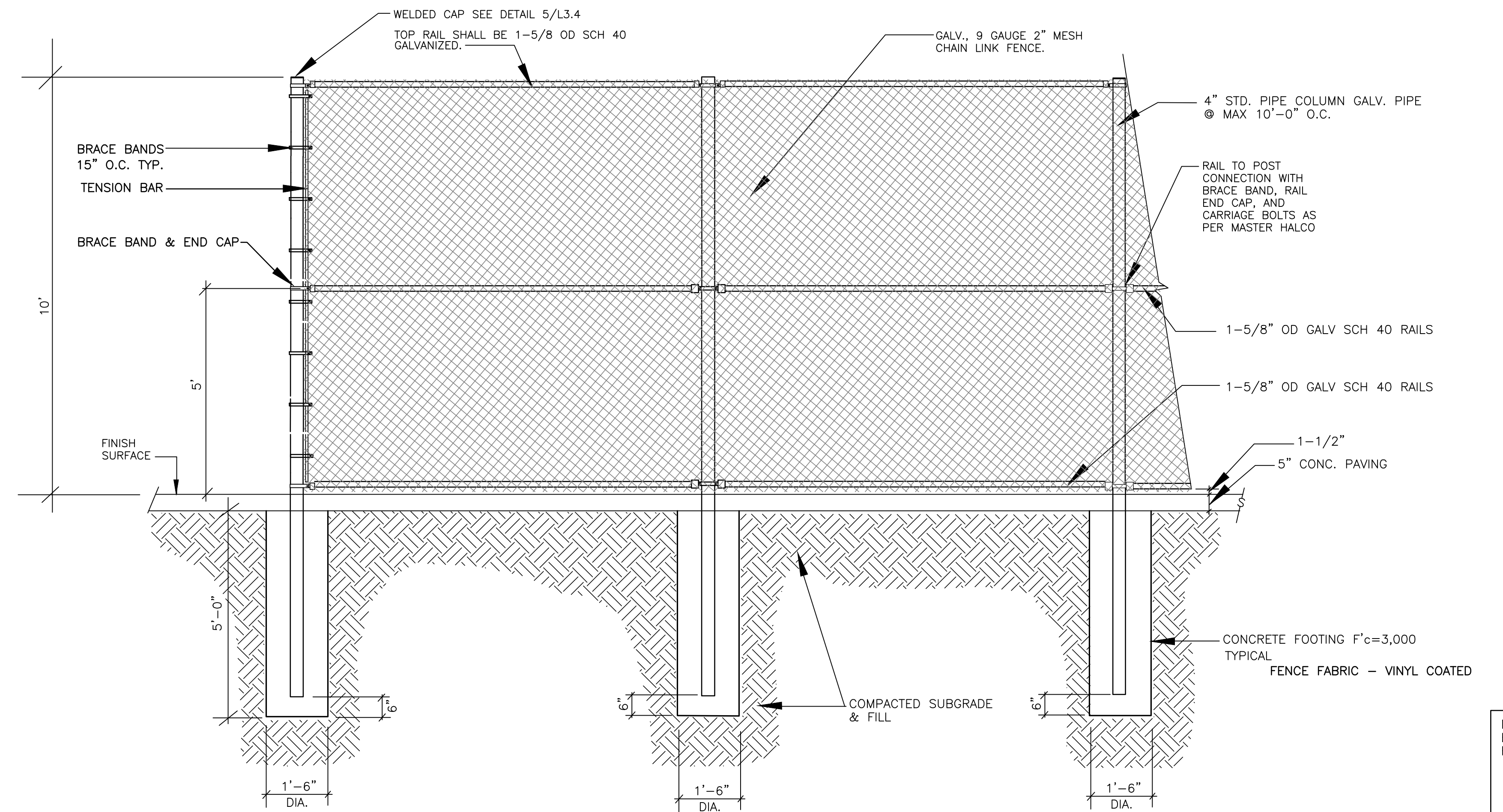
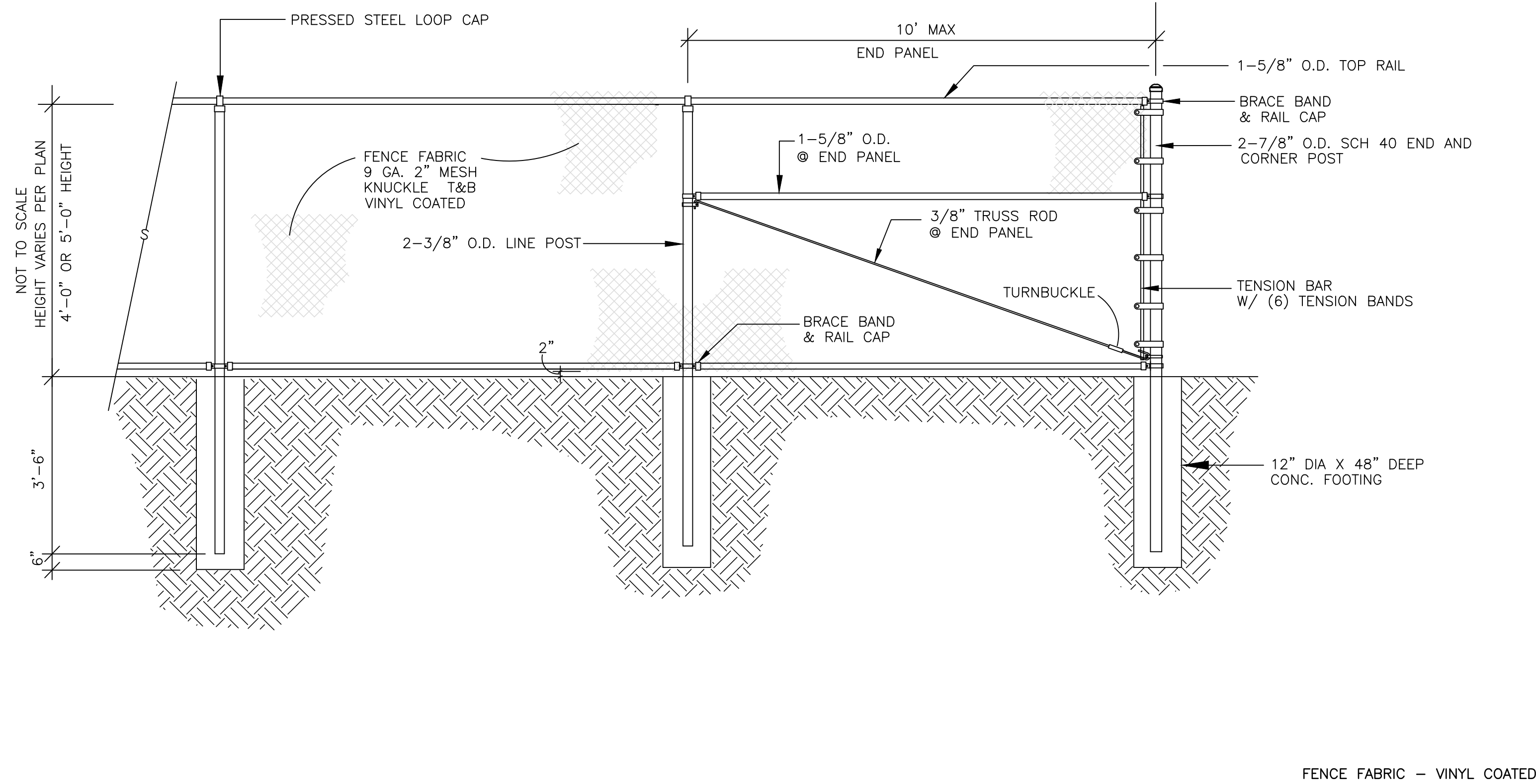
CLIENT
MIRACLE LEAGUE OF THE 805
 2310 PONDEROSA DRIVE
 SUITE 21
 CAMARILLO, CALIFORNIA 93010

PROJECT:
MIRACLE LEAGUE BASEBALL FIELD
 FREEDOM PARK
 CAMARILLO, CA.

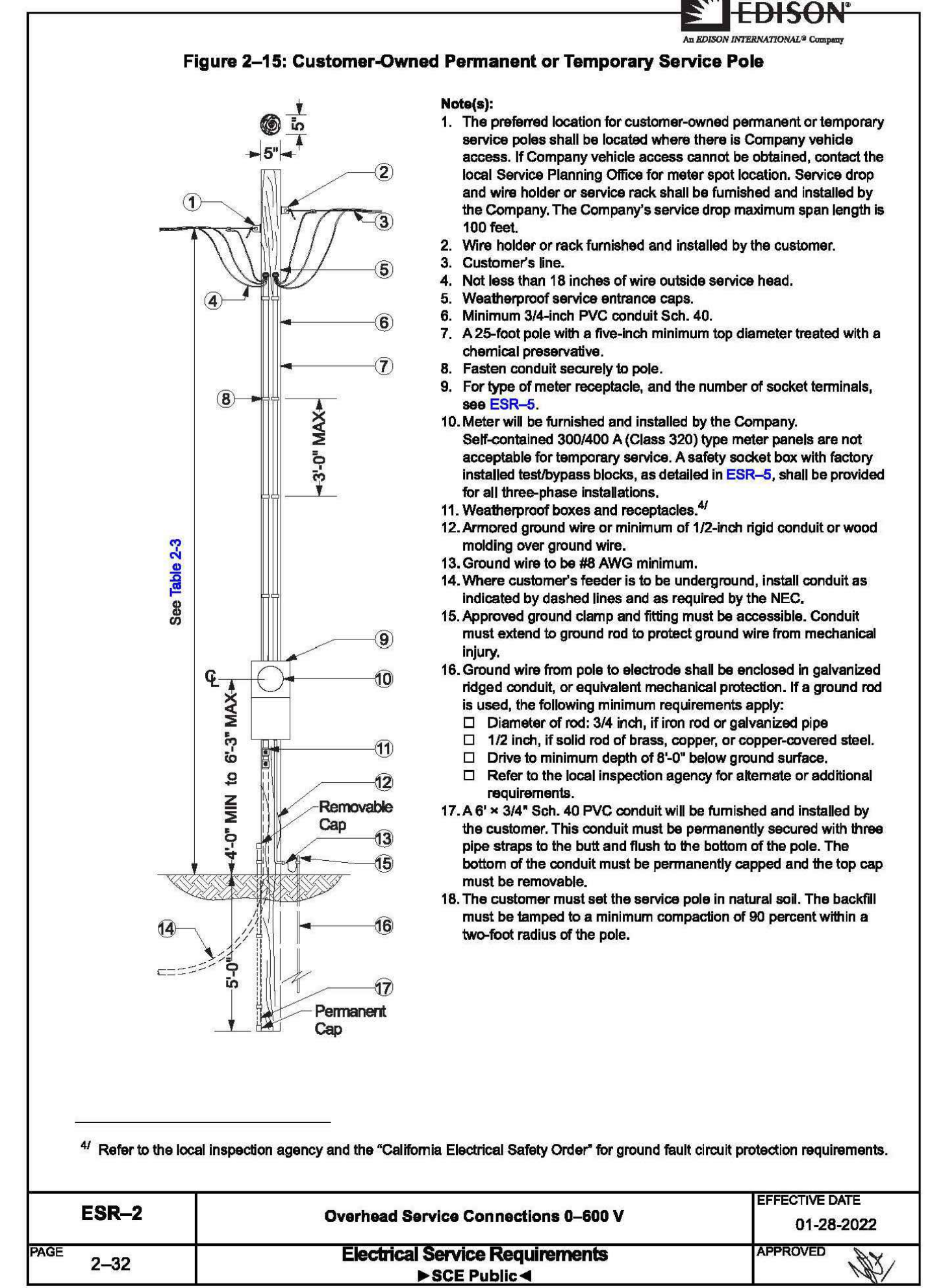
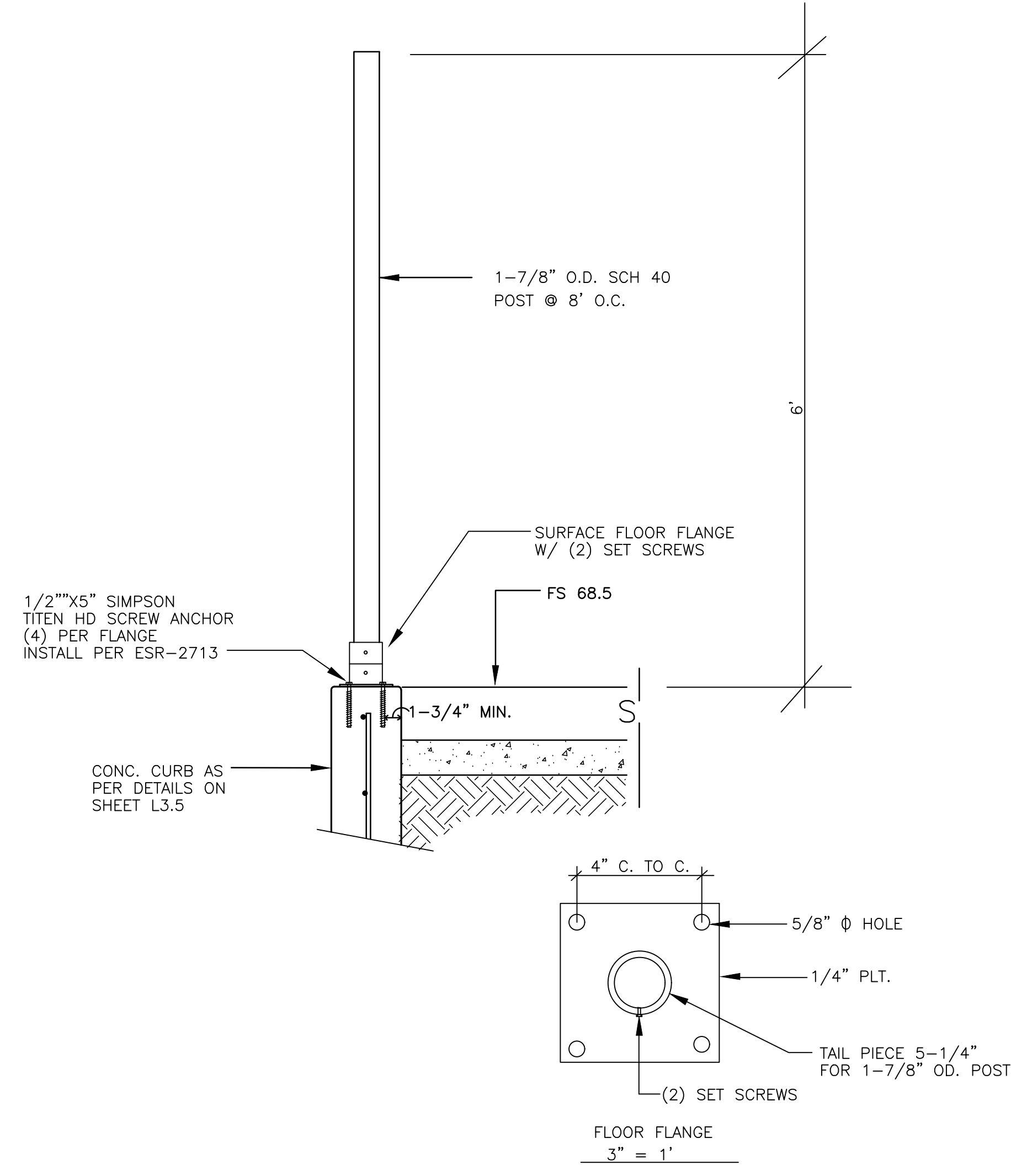
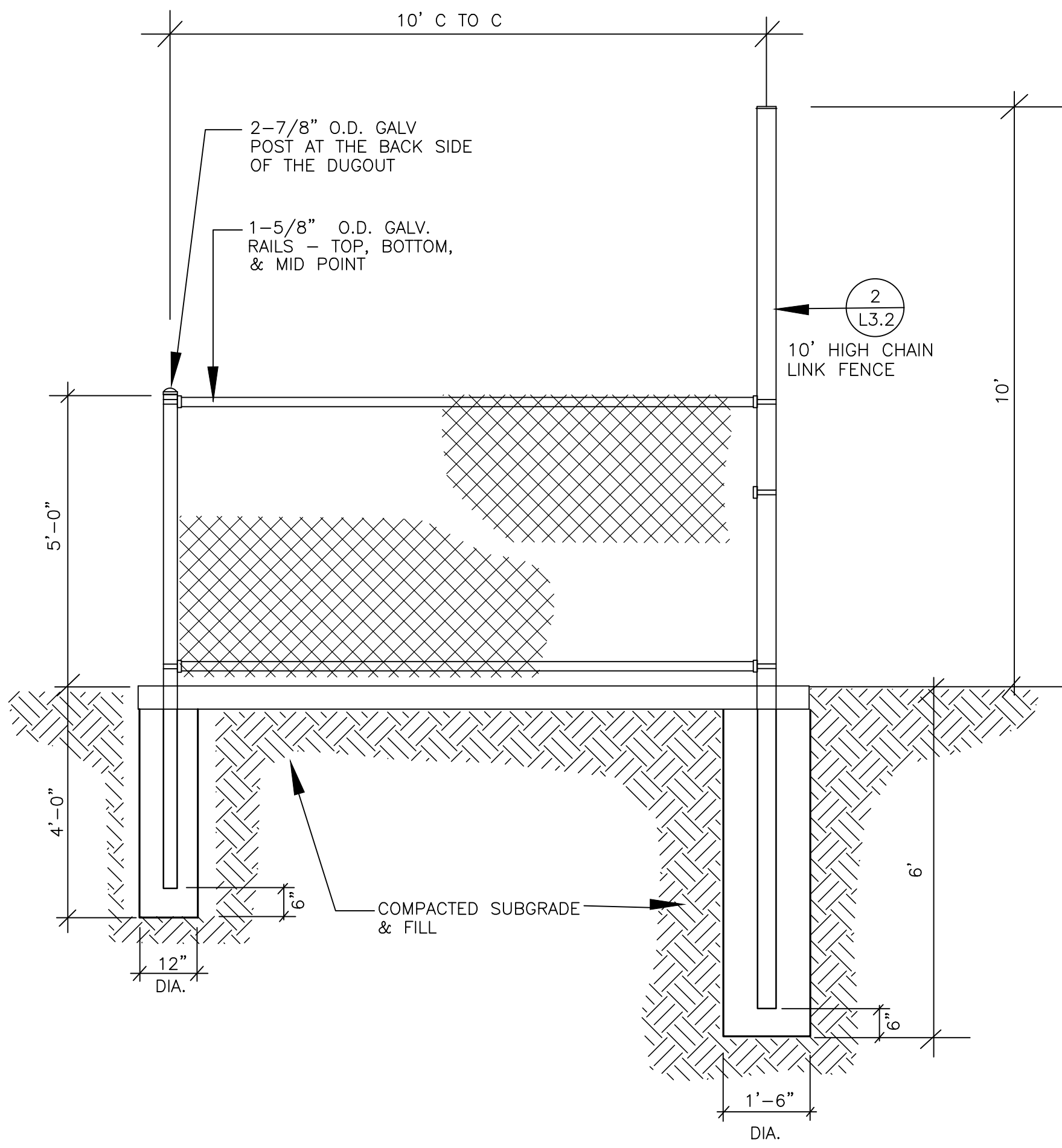
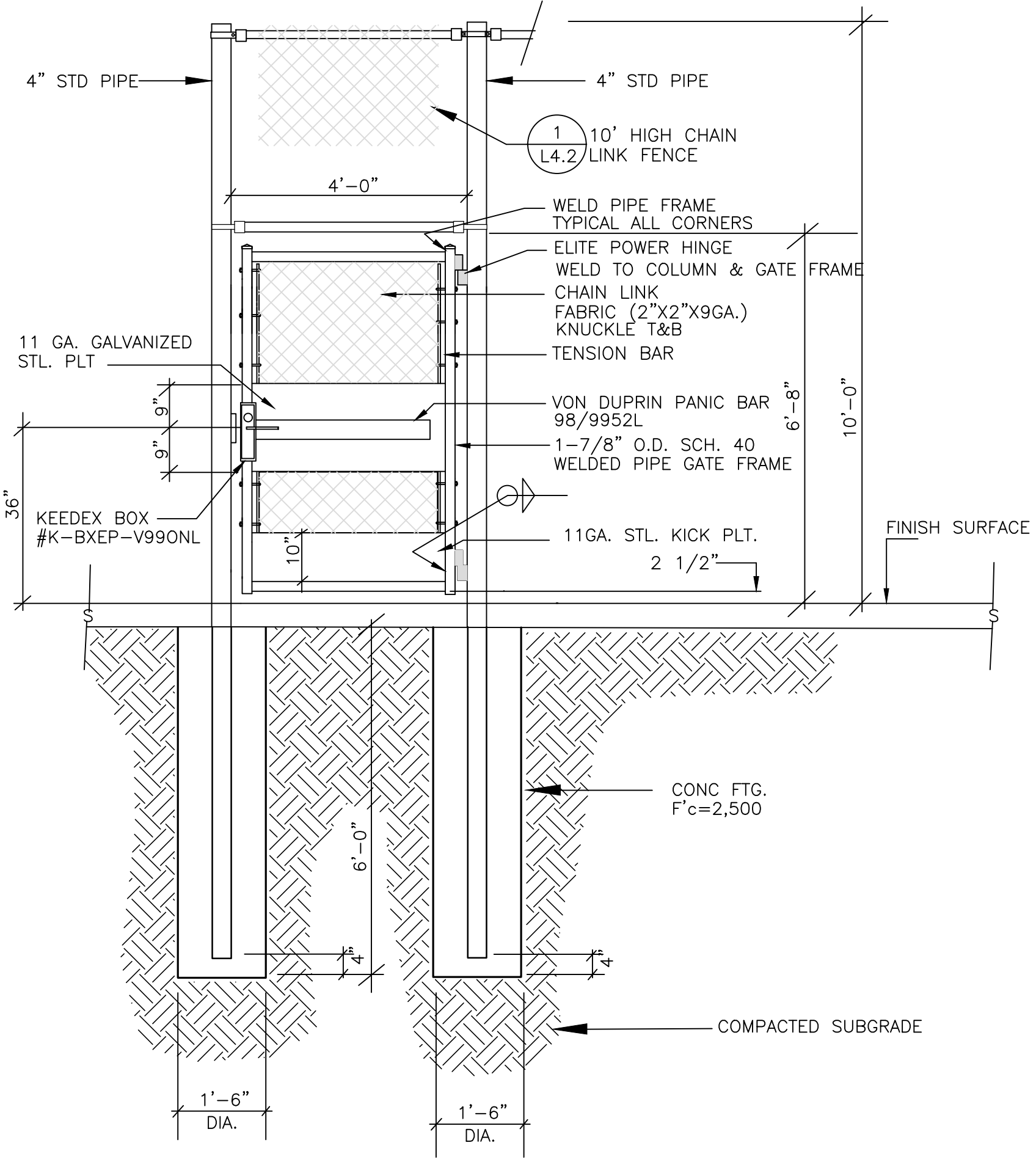
SHEET TITLE:
CONSTRUCTION DETAILS

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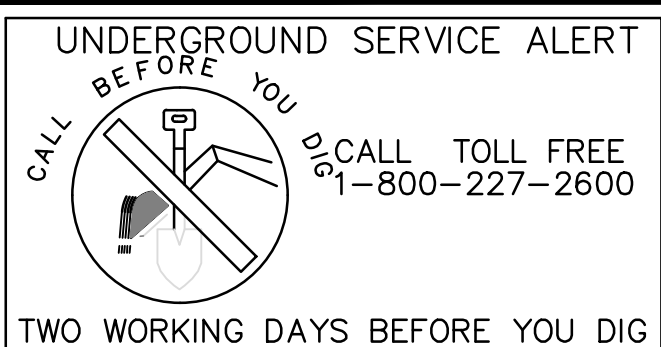
DRAWN: PJ
 CITY SUBMITTAL: 8-5-22
 BID DATE: 10-12-22
 CONSTRUCTION: 10-12-22
 DRAWING: **L3.1**
 SHEET 4 OF 14
 PROJECT No. 20.16



1 CHAIN LINK FENCE SCALE 1/2"=1'-0" 2 10 FT. HIGH CHAIN LINK FENCE SCALE 1/2"=1'-0"



3 MAN GATE SCALE 1/2"=1'-0" 4 TRANSITION FROM 10' FENCE HEIGHT TO 5' FENCE HEIGHT SCALE 1/2"=1'-0" 5 CHAIN LINK FLOOR MOUNT DETAIL SCALE 1"=1'-0" 6 SOUTHERN CALIFORNIA EDISON - CUSTOMER OWNED PERMANENT SERVICE POLE SCALE = N.T.S.



NO.	DATE	BY	DESCRIPTION

CLIENT
MIRACLE LEAGUE OF THE 805
2310 PONDEROSA DRIVE
SUITE 21
CAMARILLO, CALIFORNIA 93010

PROJECT:
MIRACLE LEAGUE BASEBALL FIELD
FREEDOM PARK
CAMARILLO, CA.

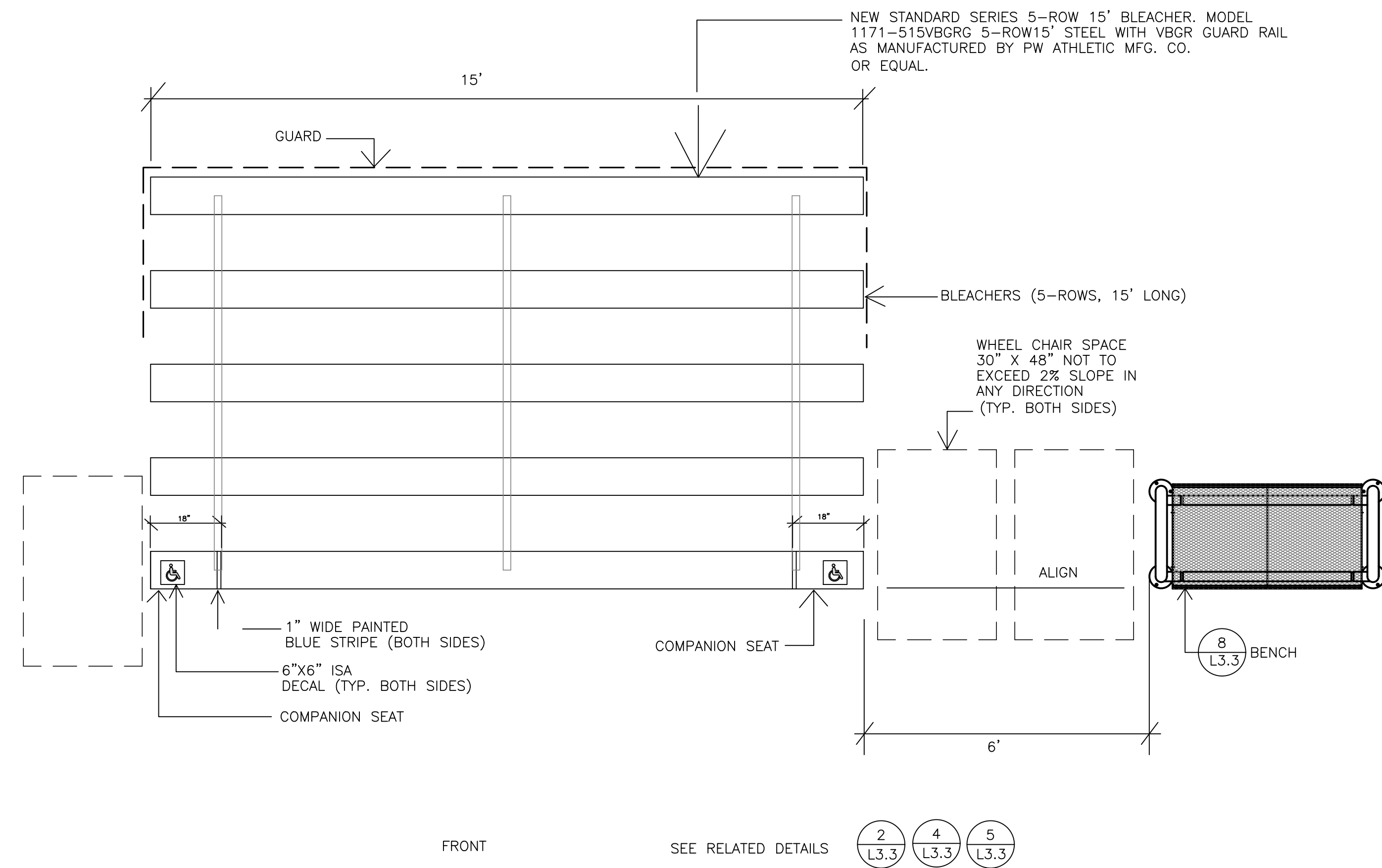
SHEET TITLE:
CONSTRUCTION DETAILS

JORDAN, GILBERT & BAIN
LANDSCAPE ARCHITECTS, INC.
459 NORTH VENTURA AVE., VENTURA CA 93001
(805) 642-3641 FAX (805) 653-7874
Jordan, Gilbert & Bain Landscape Architects, Inc. © 2018

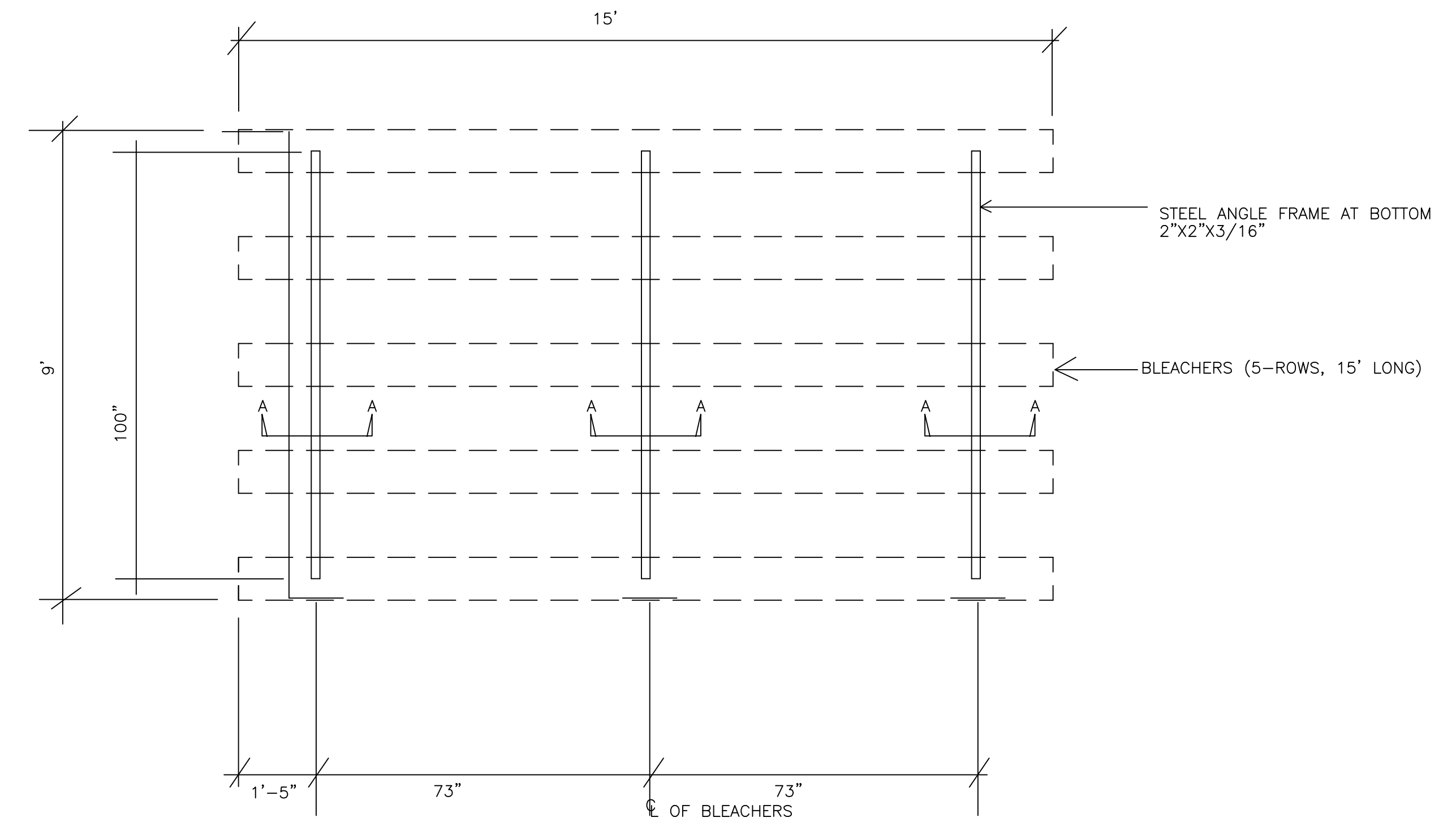
DRAWN: PJ
CITY SUBMITTAL: 8-5-22
BID DATE: 10-12-22
CONSTRUCTION: 10-12-22

DRAWING
L3.2
SHEET 5 OF 14
PROJECT No. 20.16

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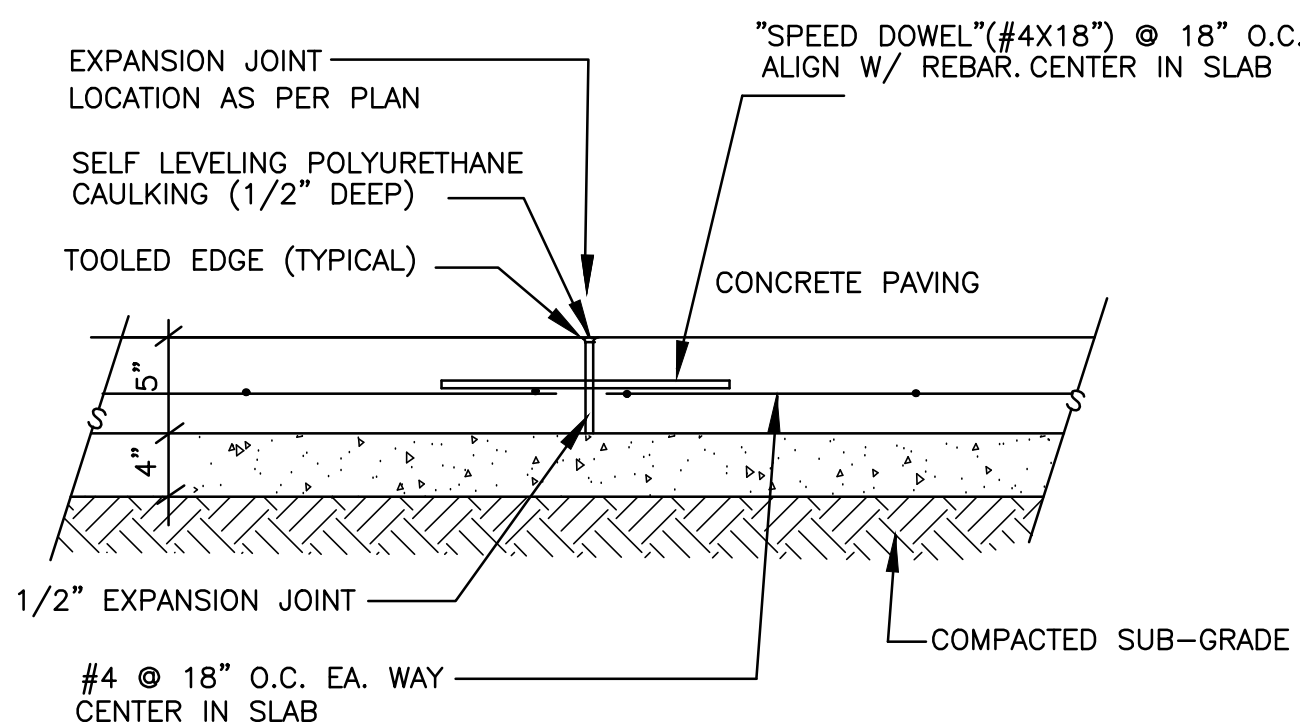
SCALE 1/2"=1'-0"



SCALE 1/2"=1'-0"

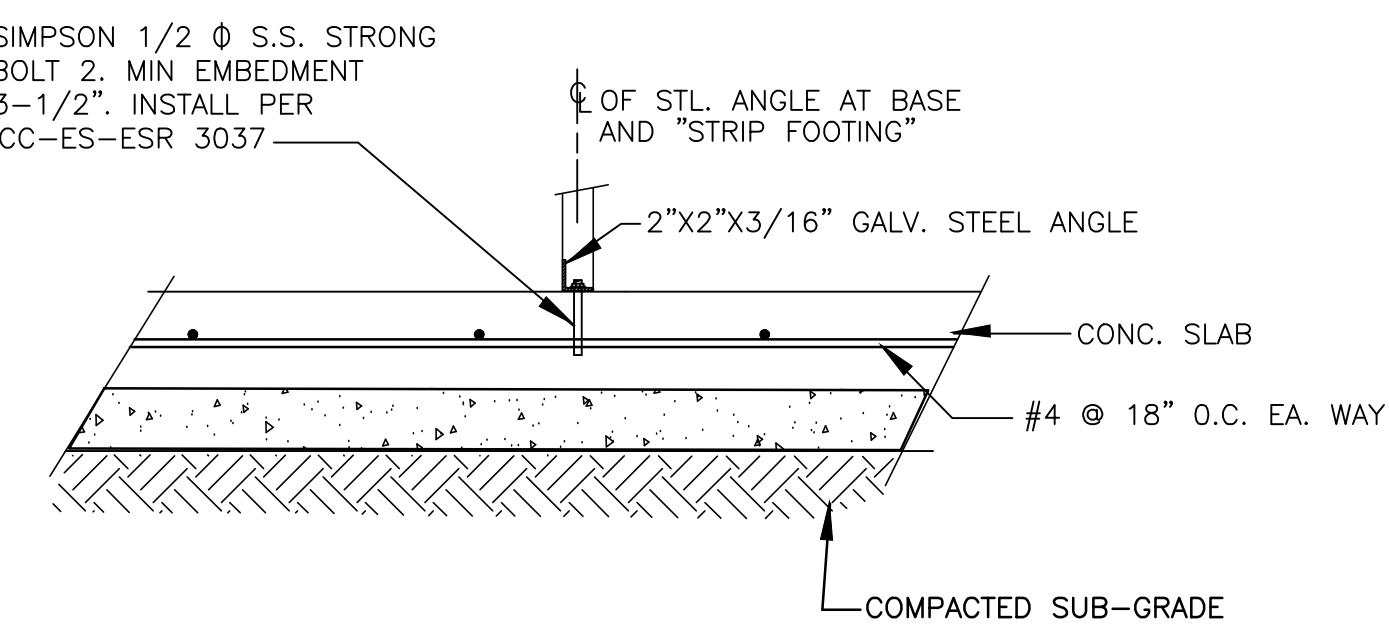
1 BLEACHER LAYOUT - PLAN VIEW

2 BLEACHER FOUNDATION LAYOUT - PLAN VIEW



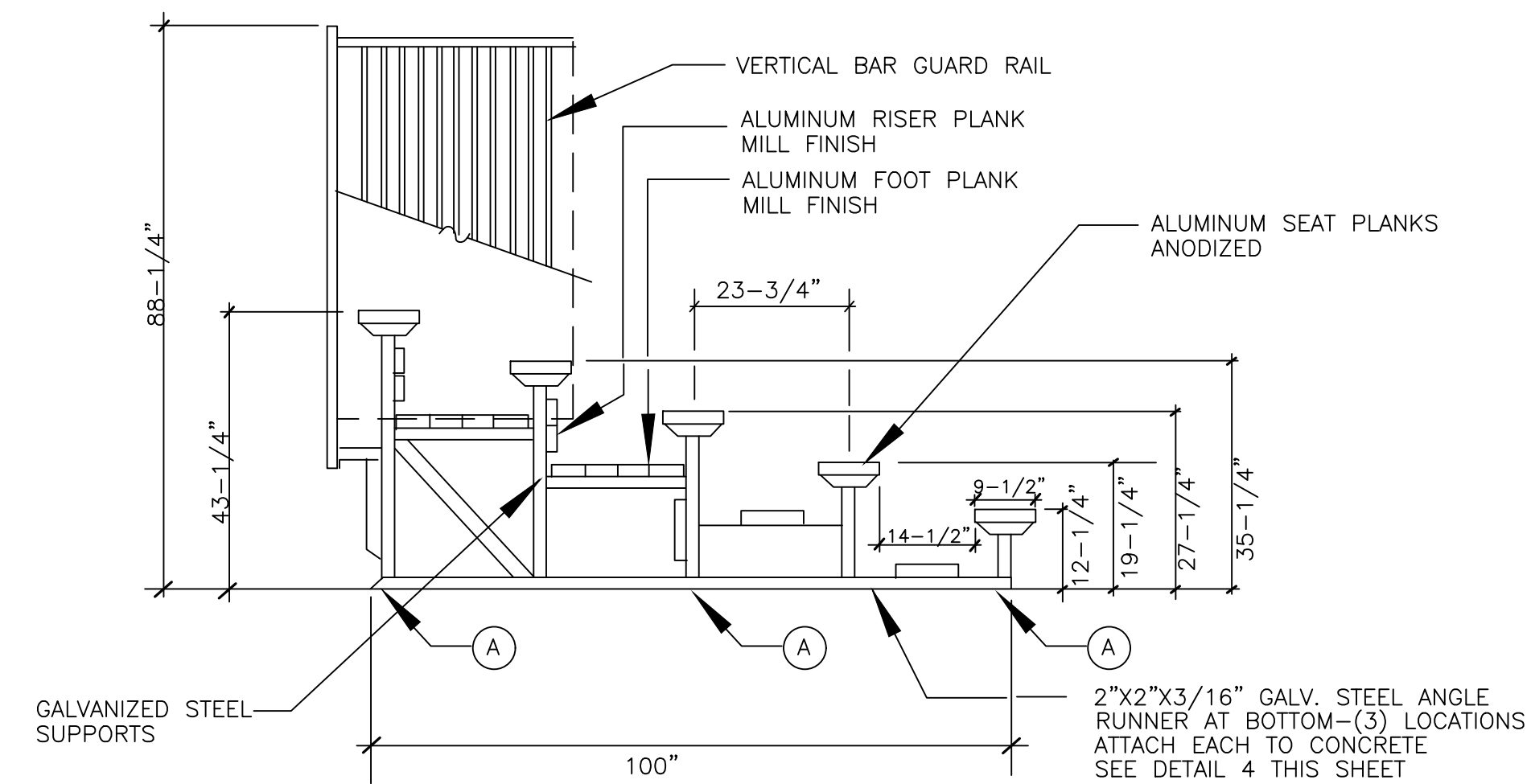
SCALE 1"=1'-0"

3 CONCRETE PAVING



SCALE 1"=1'-0"

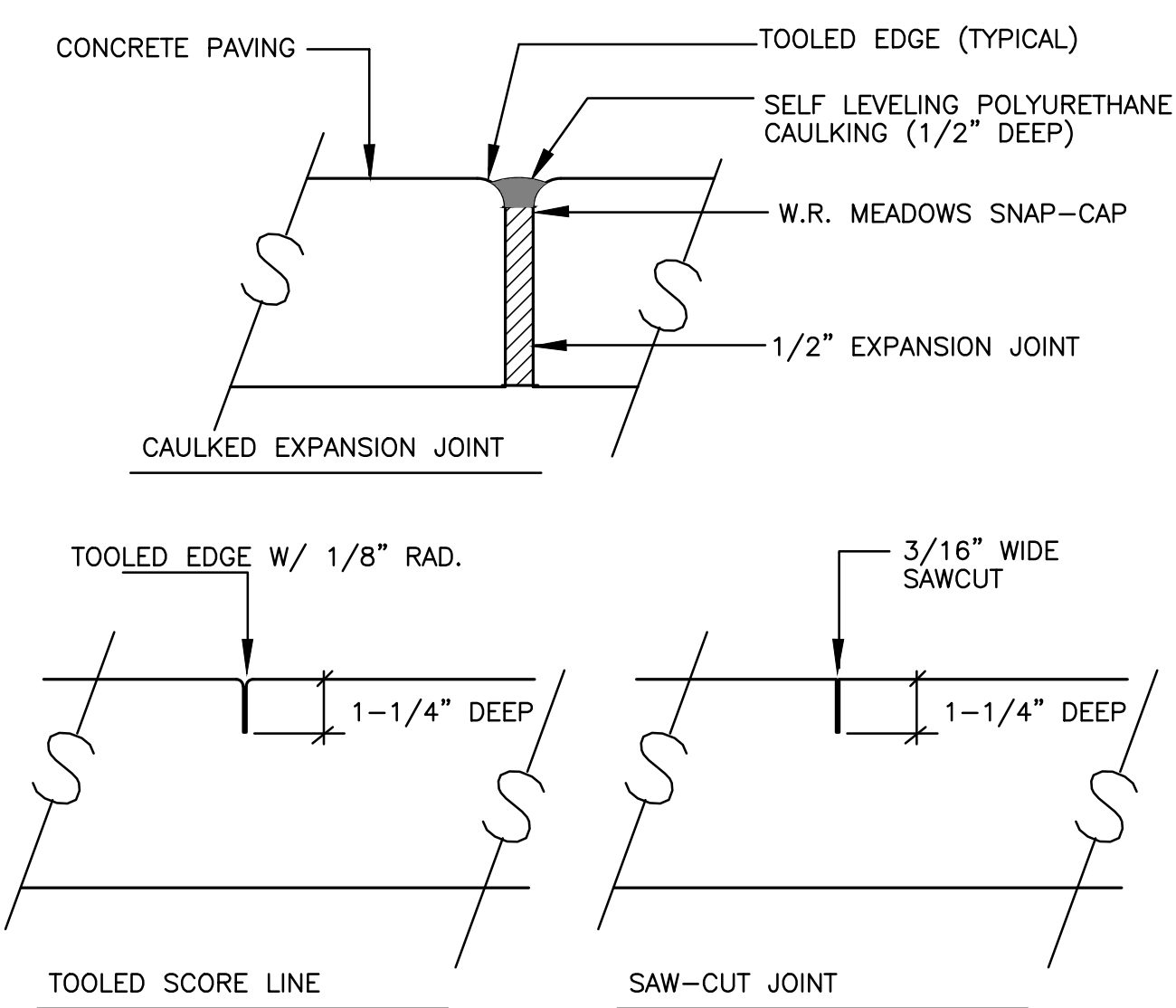
4 BLEACHER ATTACHMENT



- NOTE:
- BLEACHER IS PW STANDARD SERIES 5-SOW 15 FOOT BLEACHER MODEL NUMBER: 1171-515VBGRG
 - INSTALL AS PER PW MANUFACTURES INSTALLATION INSTRUCTIONS
 - AFTER ASSEMBLY CALL FOR SPECIAL INSPECTION TO VERIFY "SNUG TIGHT" CONNECTIONS OF ALL BOLTS AND AND PROPER BRACING CONNECTIONS.
- (A) SIMPSON 1/2" S.S. STRONG BOLT 2. MIN EMBEDMENT 3-1/2". INSTALL PER ICC-ES-ESR 3037 (3) EACH ANGLE AT BASE

5 BLEACHER ELEVATION

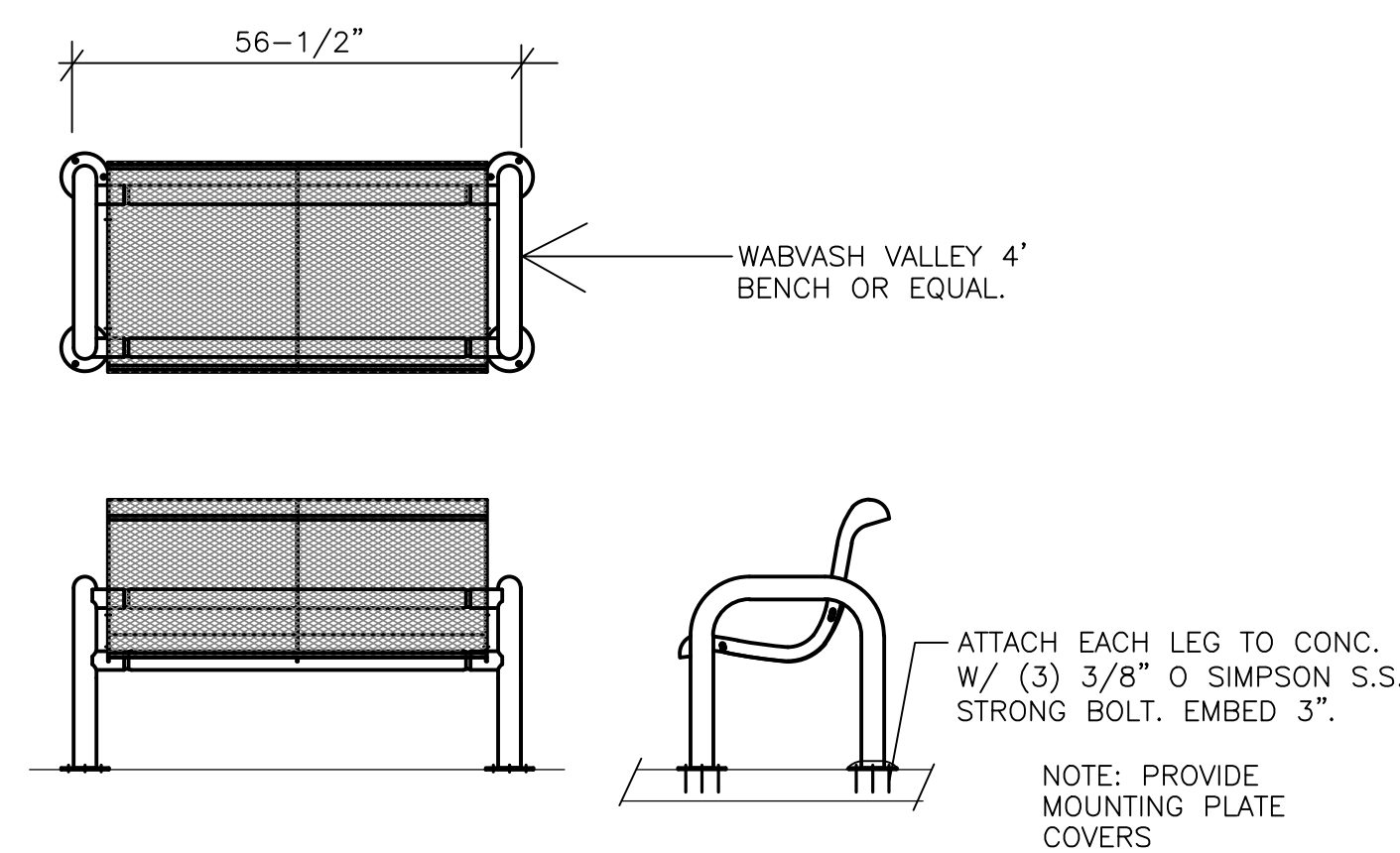
SCALE 1/2"=1'-0"



NTS

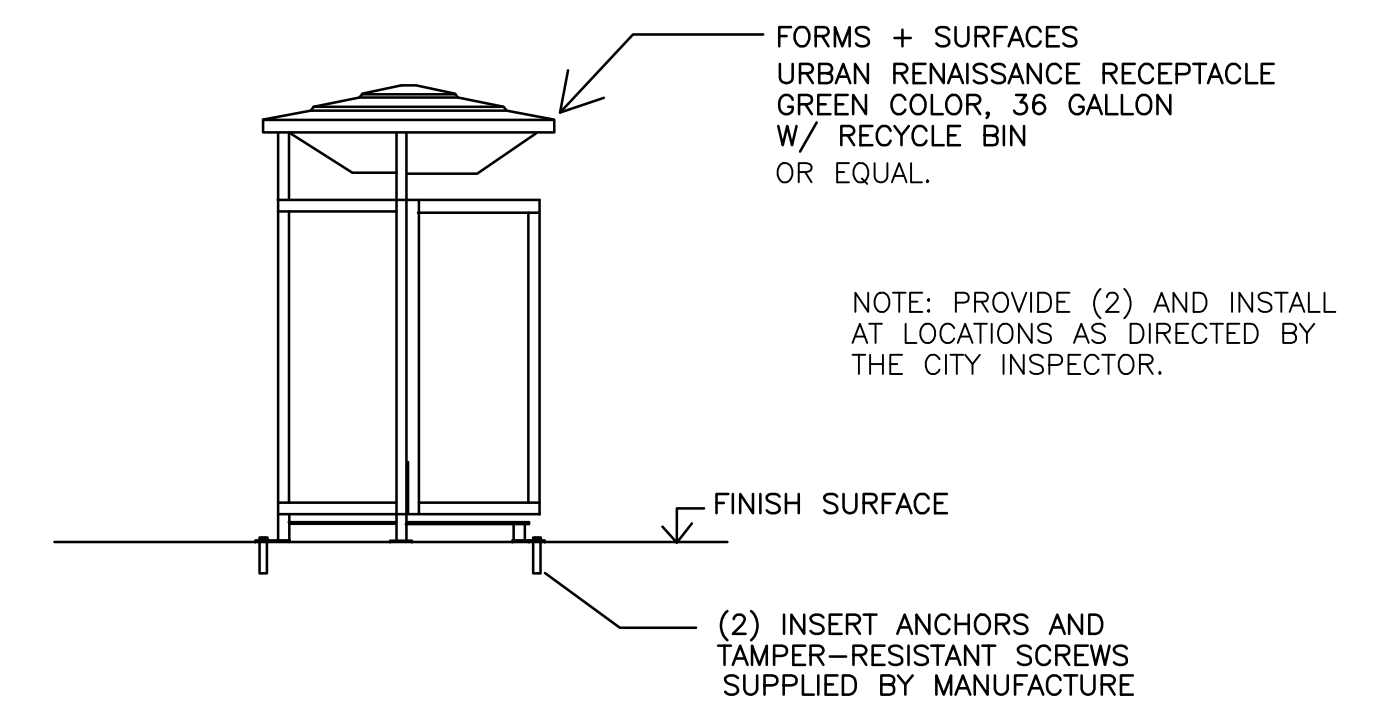
6 CONCRETE JOINTS

7 NOT USED



NTS

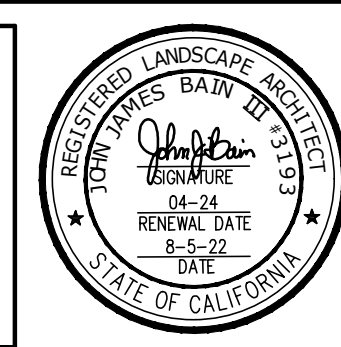
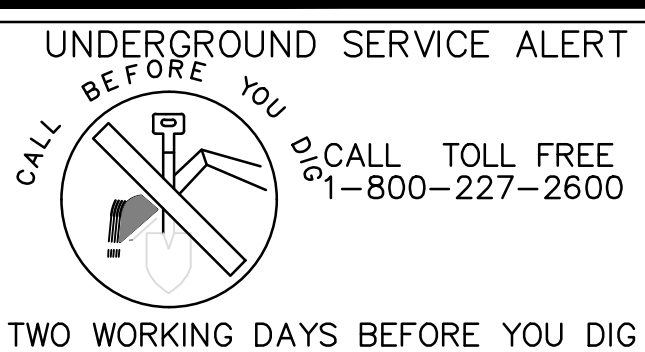
8 BENCH DETAIL



SCALE 1"=1'-0"

9 TRASH RECEPTACLE

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REVISIONS
NO. DATE BY DESCRIPTION

CLIENT
MIRACLE LEAGUE OF THE 80S
2310 PONDEROSA DRIVE
SUITE 21
CAMARILLO, CALIFORNIA 93010

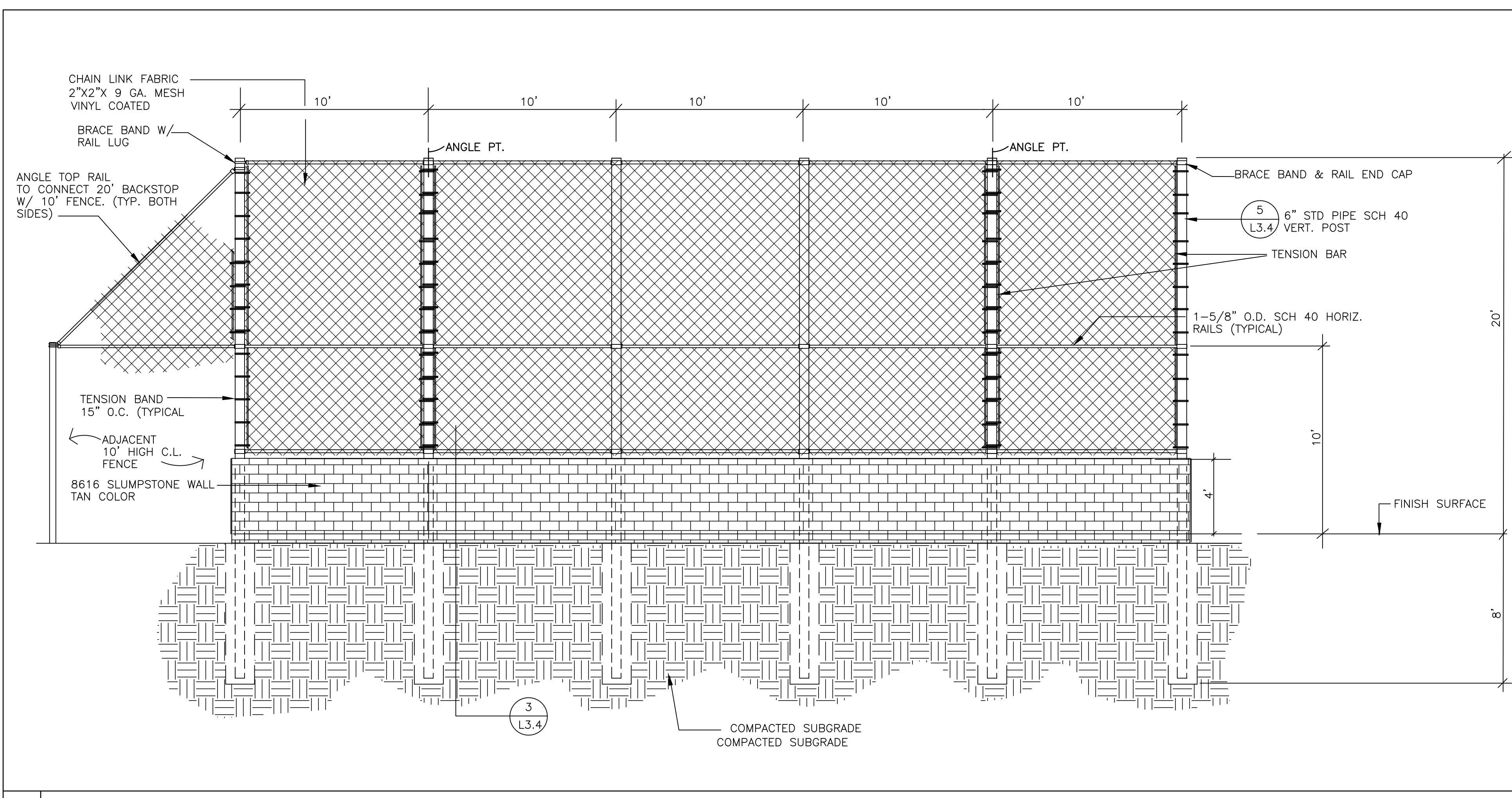
PROJECT:
MIRACLE LEAGUE BASEBALL FIELD
FREEDOM PARK
CAMARILLO, CA.

SHEET TITLE:
CONSTRUCTION DETAILS

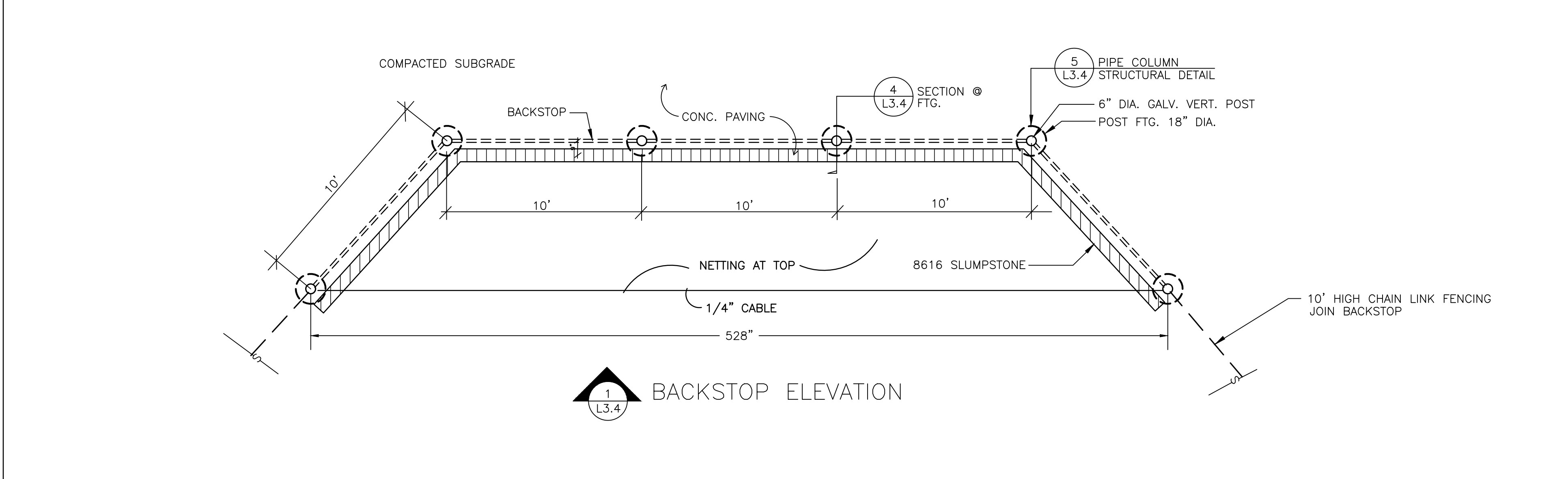
JORDAN, GILBERT & BAIN
LANDSCAPE ARCHITECTS, INC.
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CITY SUBMITTAL: 8-5-22
BID DATE 10-12-22
CONSTRUCTION 10-12-22

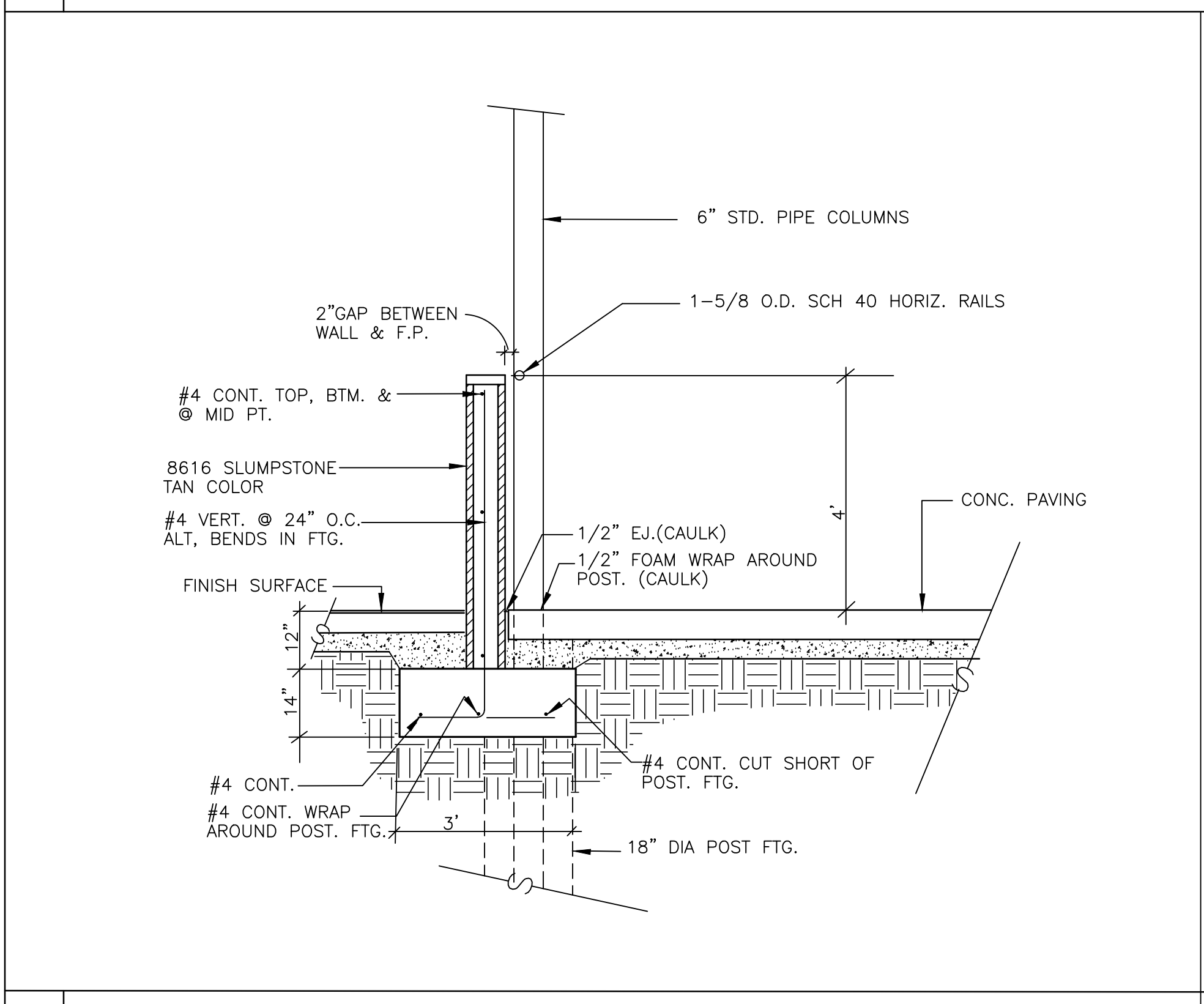
DRAWING
L3.3
SHEET 6 OF 14
PROJECT No. 20.16



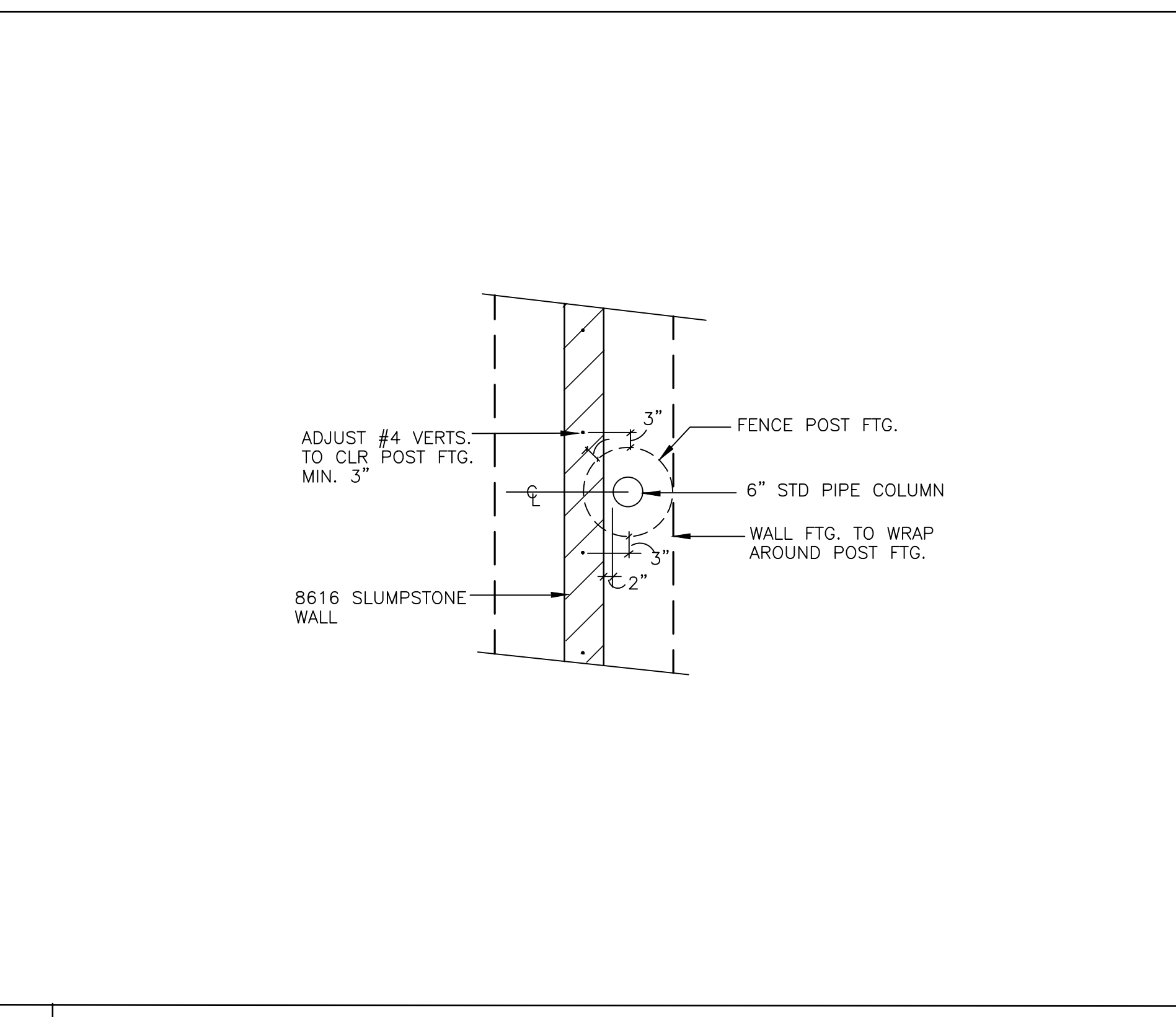
1 BACKSTOP - FRONT ELEVATION SCALE 1/4" = 1'-0"



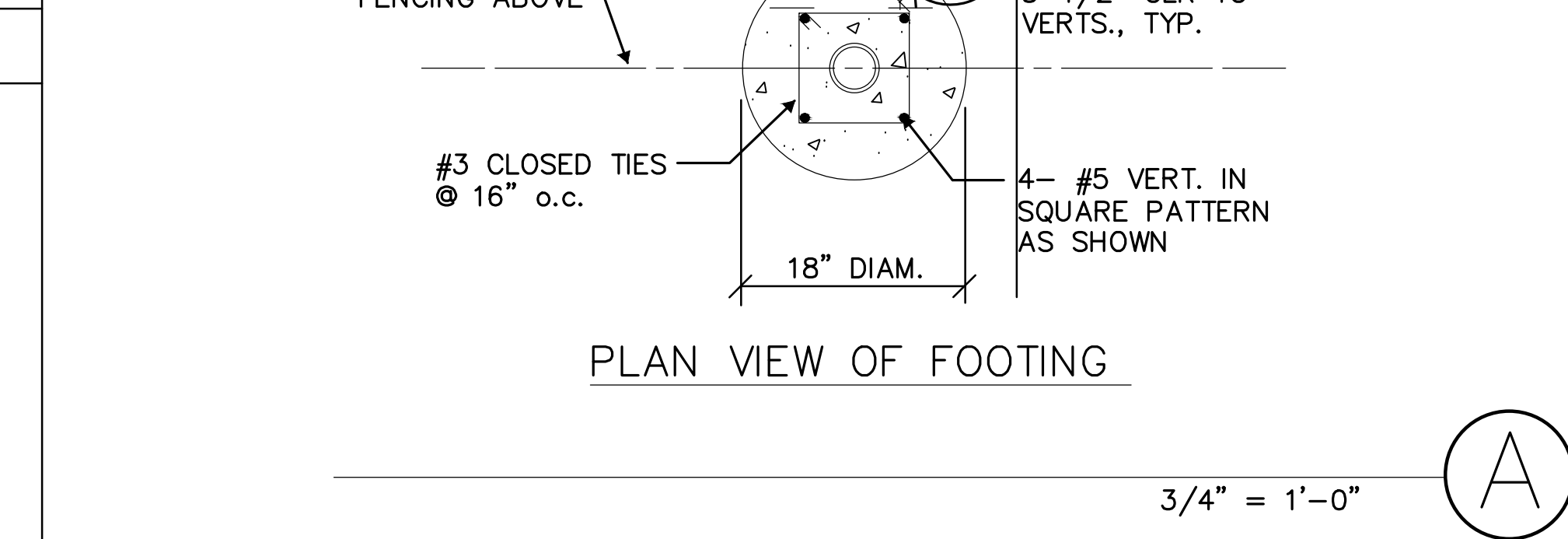
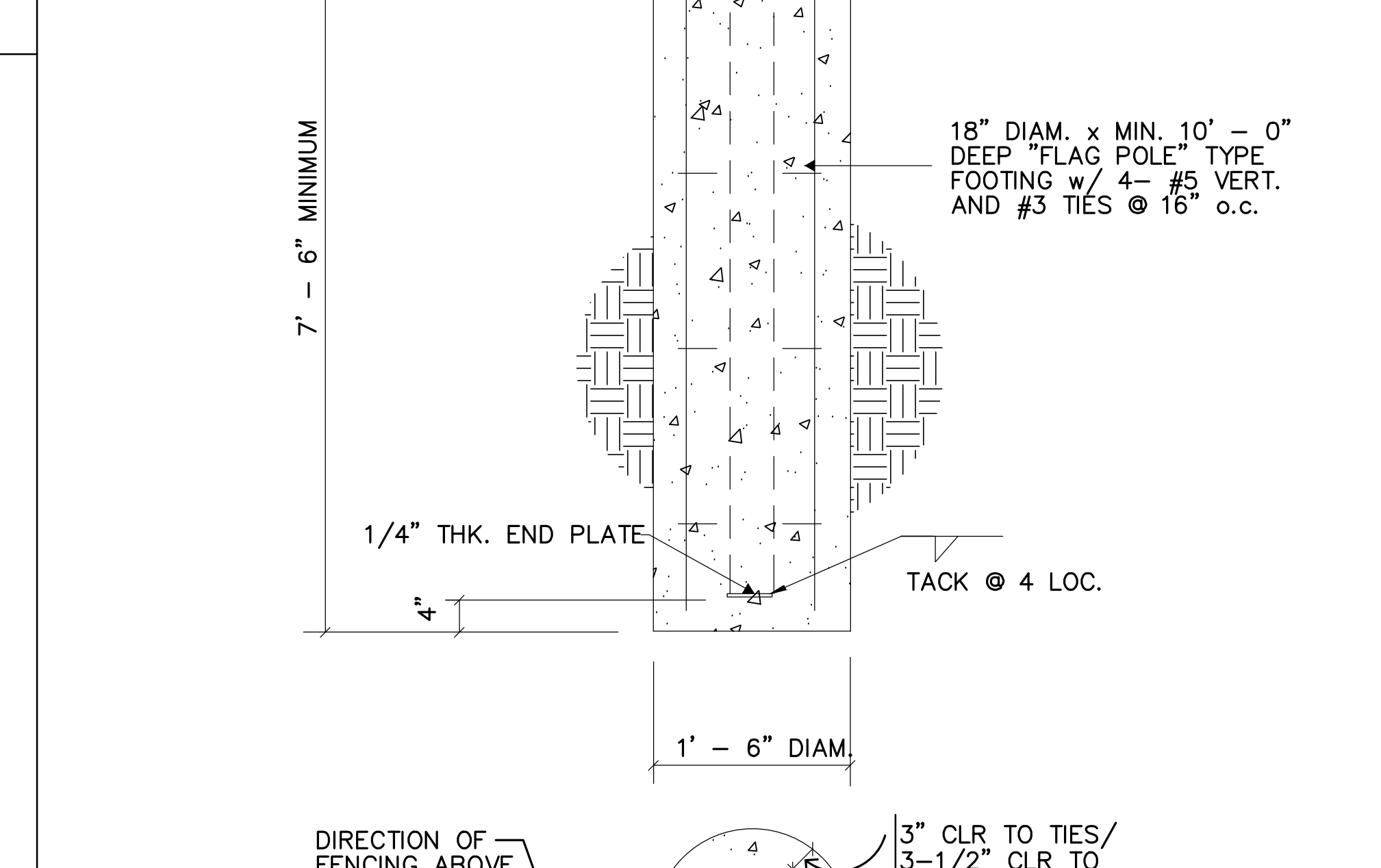
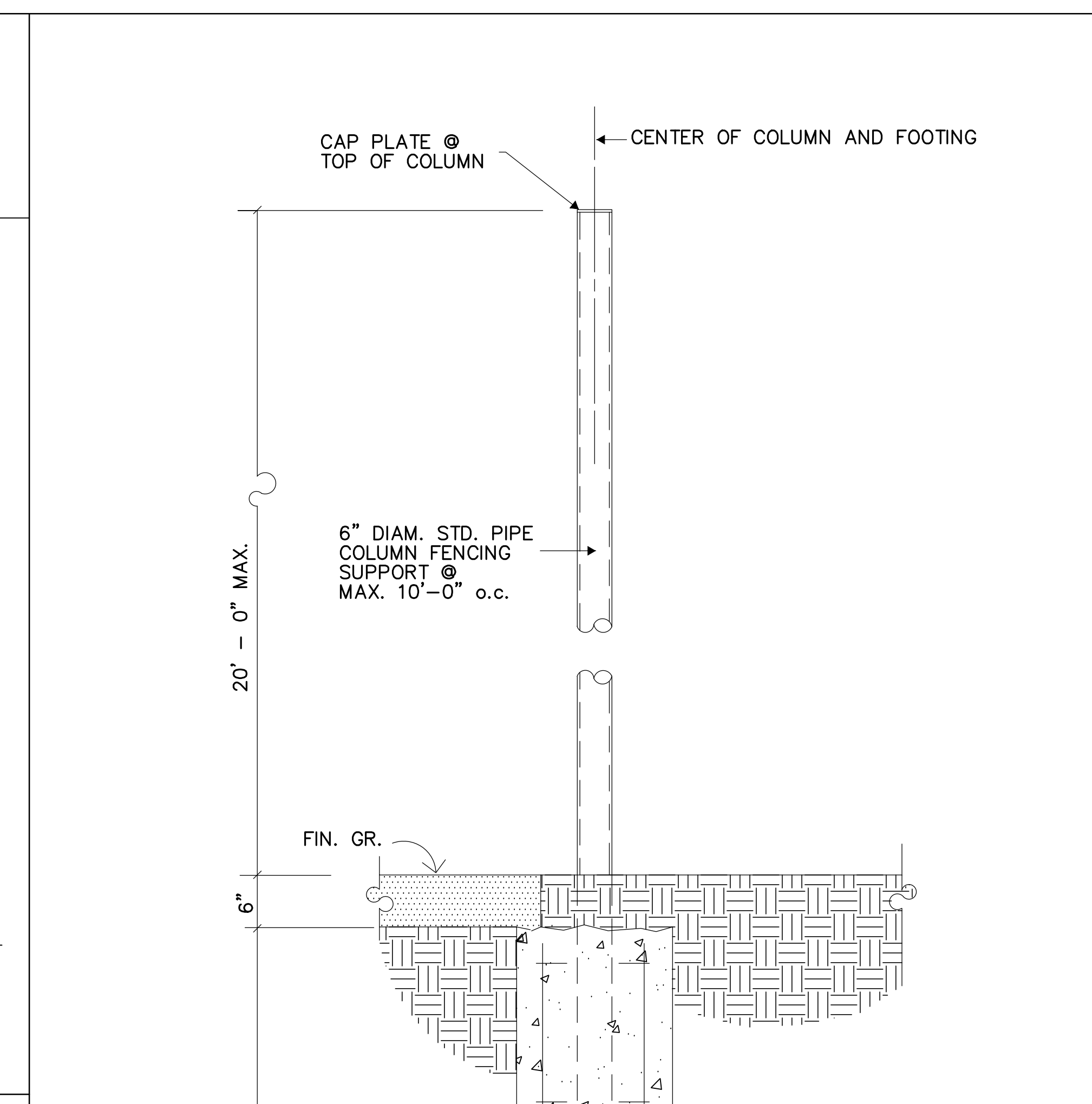
2 BACKSTOP - PLAN VIEW SCALE 1/4" = 1'-0"



3 SLUMPSTONE WALL SCALE 1/2" = 1'-0"



4 SLUMPSTONE WALL POST FTG. CONNECTION SCALE 1/2" = 1'-0"



FENCING MATERIAL SHALL BE OPEN "CYCLONE FENCING w/ A 9 GA. WIRE x 2" SQUARE PATTERN

* SIGNAGE FOR A VERTICAL DISTANCE OF 6'-0" MAX. MAY BE PLACED ANYWHERE ON THE FENCING w/ OPEN FENCING ENTIRELY ABOVE AND BELOW SIGNAGE. (BACKSTOP EXCLUDED).

5 20 FT. HIGH BACKSTOP DETAIL AS NOTED

GENERAL NOTES

GENERAL

1. ALL WORK SHALL CONFORM WITH THE 2019 CALIFORNIA BUILDING CODE, (CBC), AND ALL LOCAL ORDINANCES.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO STARTING CONSTRUCTION AND BRING TO THE ATTENTION OF THE ARCHITECT AND ENGINEER ANY DISCREPANCIES OR INCONSISTENCIES.
3. NO STRUCTURAL MEMBER SHALL BE CUT, NOTCHED, BORED OR OTHERWISE WEAKENED EXCEPT AS ALLOWED BY THE CALIFORNIA BUILDING CODE OR APPROVED BY THE ARCHITECT OR ENGINEER.
4. THE ARCHITECT OR ENGINEER SHALL BE NOTIFIED OF ANY UNUSUAL OR UNFORSEEN CONDITION WHICH EFFECTS THE STRUCTURAL STABILITY OF THE FENCING PRIOR TO CONTINUING WITH CONSTRUCTION. SHOULD ANY CONDITION ARISE WHERE THERE APPEARS TO BE AN ERROR ON THE DRAWINGS OR A DISCREPANCY BETWEEN THE DRAWINGS AND CONDITIONS IN THE FIELD, THE ARCHITECT OR ENGINEER SHALL BE NOTIFIED PRIOR TO CONTINUING WITH THE WORK.
5. IN THE CASE WHERE TWO OR MORE DETAILS APPLYING TO THE SAME PART OF THE WORK ARE IN CONFLICT, THE MOST RESTRICTIVE SHALL GOVERN UNLESS CLARIFIED OR OTHERWISE APPROVED BY THE ENGINEER.
6. REVIEW OF SHOP DRAWINGS MEANS REVIEW OF GENERAL METHOD OF FABRICATION ONLY, DIMENSIONS AND QUANTITIES MAY NOT BE CHECKED, AND REVIEW OF THE SHOP DRAWINGS DOES NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS UNLESS SPECIFICALLY SO INDICATED IN THE REVIEW.
7. THE ARCHITECT AND ENGINEER HAS NOT BEEN RETAINED FOR SUPERVISION OR INSPECTION DURING CONSTRUCTION, BUT WILL RESOLVE STRUCTURAL ITEMS BROUGHT TO HIS ATTENTION DURING CONSTRUCTION.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING AND BRACING REQUIRED TO PROTECT PERSONNEL AND ADJACENT PROPERTY DURING CONSTRUCTION. THE CONTRACTOR SHALL ADEQUATELY BRACE ELEMENTS OF THE STRUCTURE DURING CONSTRUCTION TO INSURE THE SAFETY OF THE STRUCTURE.

FOUNDATION

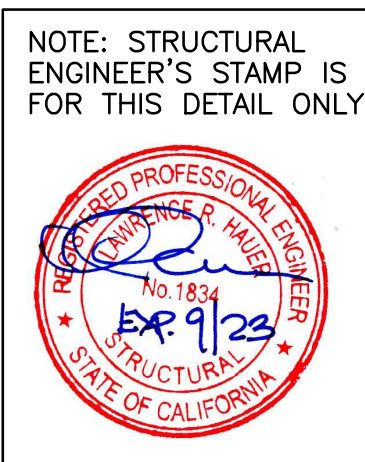
1. ALL FOUNDATION WORK SHALL CONFORM WITH THE REQUIREMENTS OF THE SOILS REPORT PREPARED BY: EARTH SYSTEMS PROJECT # 302555-001 DATED APRIL 18, 2022.
2. THE SITE SHALL BE PREPARED IN ACCORDANCE WITH ANY RECOMMENDATIONS REQUIRED BY THE SOILS REPORT REFERENCED ABOVE.
3. PER THE SOILS REPORT, ALLOWABLE PASSIVE VALUE IS 160 PSF/FT W/ A 1/3 INCREASE FOR WIND/SEISMIC FORCES, (ASD), AND A 2x INCREASE FOR ISOLATED POLES SUCH AS THIS.
4. ANY FILL SHALL BE COMPACTED PER THE REQUIREMENTS OF THE SOILS ENGINEER.

CONCRETE

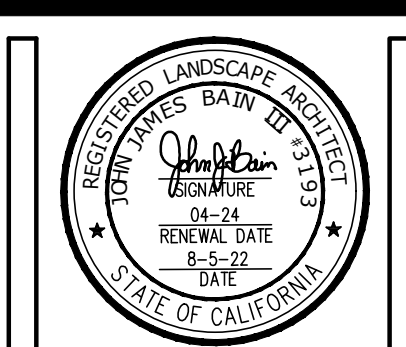
1. ALL CONCRETE UNLESS OTHERWISE SHOWN ON THE PLANS SHALL BE HARDROCK CONFORMING TO ASTM C-94 WITH A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF $F_c = 2,500$ PSI.
2. AGGREGATE FOR THE CONCRETE SHALL CONFORM TO ASTM C-33, INCLUDING APPENDIX "X1".
3. THE CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS FOR MIXING, PLACING, FINISHING, CURING, AND PROTECTING CONCRETE DURING UNFAVORABLE WEATHER CONDITIONS.
4. ALL REINFORCING STEEL SHALL BE NEW STOCK DEFORMED BARS CONFORMING TO ASTM A-615, GRADE 60 EXCEPT #3 BARS MAY BE GRADE 40. ALL WELDED REINFORCING STEEL SHALL BE ASTM-A706. ALL BARS SHALL BE FREE OF RUST, GREASE, MILL SCALE OR ANY OTHER MATERIALS WHICH MIGHT AFFECT ITS BOND TO THE CONCRETE. ALL BAR BENDS SHALL BE MADE COLD.
5. PROVIDE 3/4" CHAMFER ON ALL EXPOSED CORNERS.
6. FOR THE DETAILS SHOWN ON THESE PLANS, ALL REINFORCING BARS SHALL BE FULL LENGTH WITHOUT SPICES UNLESS APPROVED BY THE ENGINEER.
7. REINFORCING BARS SHALL HAVE THE FOLLOWING CONCRETE COVER, (UNLESS NOTED OTHERWISE IN DETAILS):
 CONCRETE POURED AGAINST EARTH.....3 INCHES
 CONCRETE BEAMS AND COLUMNS.....2 INCHES
 CONCRETE SLABS ABOVE GRADE.....1 INCH
8. DRYPACK SHALL BE MIXED IN THE PROPORTIONS OF 1 PART PORTLAND CEMENT TO 2-1/2 PARTS SAND WITH ENOUGH WATER TO PRODUCE A STIFF MIX. DRYPACK SHALL BE THOROUGHLY TAMPED INTO PLACE TO ENSURE A DENSE FINISH, FREE OF VOIDS.
9. THE SLUMP OF THE CONCRETE SHALL BE THE MINIMUM THAT IS PRACTICABLE AND USED TO CONSOLIDATE THE CONCRETE. THE SLUMP SHALL NOT EXCEED 4 INCHES, OTHERWISE THE SLUMP SHALL NOT EXCEED 6 INCHES.
10. ALL CONCRETE SHALL BE ADEQUATELY CONSOLIDATED DURING PLACEMENT AND ALL REINFORCING STEEL AND EMBEDDED ITEMS SHALL BE SECURELY TIED IN PLACE TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT.
11. EXCEPT WHERE INDICATED OTHERWISE, ALL REINFORCING STEEL SHALL BE BENT AND PLACED IN ACCORDANCE WITH THE "CODE OF STANDARD PRACTICE AND THE SPECIFICATIONS FOR PLACING REINFORCING STEEL" OF THE CONCRETE REINFORCING STEEL INSTITUTE.

STRUCTURAL STEEL

1. ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A-36 EXCEPT FOR PIPE SECTIONS- SEE NOTE "2" BELOW FOR PIPES.
2. STEEL PIPE SHALL CONFORM TO ASTM A-53, GRADE "B", ($F_y=36$ KSI).
3. ALL WELDING SHALL BE PERFORMED WITH E70XX ELECTRODES CONFORMING TO AWS D1.1, LATEST EDITION, PROVIDE BACKING PLATES AS REQUIRED FOR FULL PENETRATION WELDS.
4. STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE "SPECIFICATIONS FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS BY THE A.I.S.C., LATEST EDITION.
5. ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS IN THE SHOP OF A FABRICATOR APPROVED BY THE LOCAL BUILDING DEPARTMENT FOR WELDING IN THE SHOP. FOR SHOPS NOT APPROVED, WELDING SHALL BE CONTINUOUSLY INSPECTED BY A LICENSED DEPUTY INSPECTOR PER SECTION 1704.2 OF THE CBC.
6. CONTINUOUS INSPECTION BY A LICENSED DEPUTY INSPECTOR IS REQUIRED FOR ALL FIELD WELDING PER SEC. 1704.3 OF THE CBC, EXCEPT MINOR ITEMS WHEN APPROVED BY THE ENGINEER AND BUILDING INSPECTOR.
7. ALL STEEL SHAPES SHALL BE HOT DIPPED GALVANIZED PER ASTM 123/A123M-09 EXCEPT FOR UNEXPOSED MEMBERS AS INDICATED IN DETAILS.
8. BOLT HOLES SHALL BE 1/16 INCH LARGER THAN BOLT DIAMETER UNLESS SLOTTED HOLES ARE INDICATED IN DETAILS. BOLT HOLES SHALL BE PUNCHED OR DRILLED, BURNED HOLES ARE NOT PERMITTED.
9. BOLT HEADS OR NUTS BEARING ON SLOPING SURFACES SHALL BE EQUIPPED WITH BEVELED WASHERS.
10. MACHINE BOLTS SHALL CONFORM TO ASTM A-307 AND ANCHOR BOLTS TO ASTM A 1554 UNLESS OTHERWISE NOTED ON PLANS.



UNDERGROUND SERVICE ALERT
CALL BEFORE YOU DIG
CALL TOLL FREE 1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG



REVISIONS	NO.	DATE	BY	DESCRIPTION

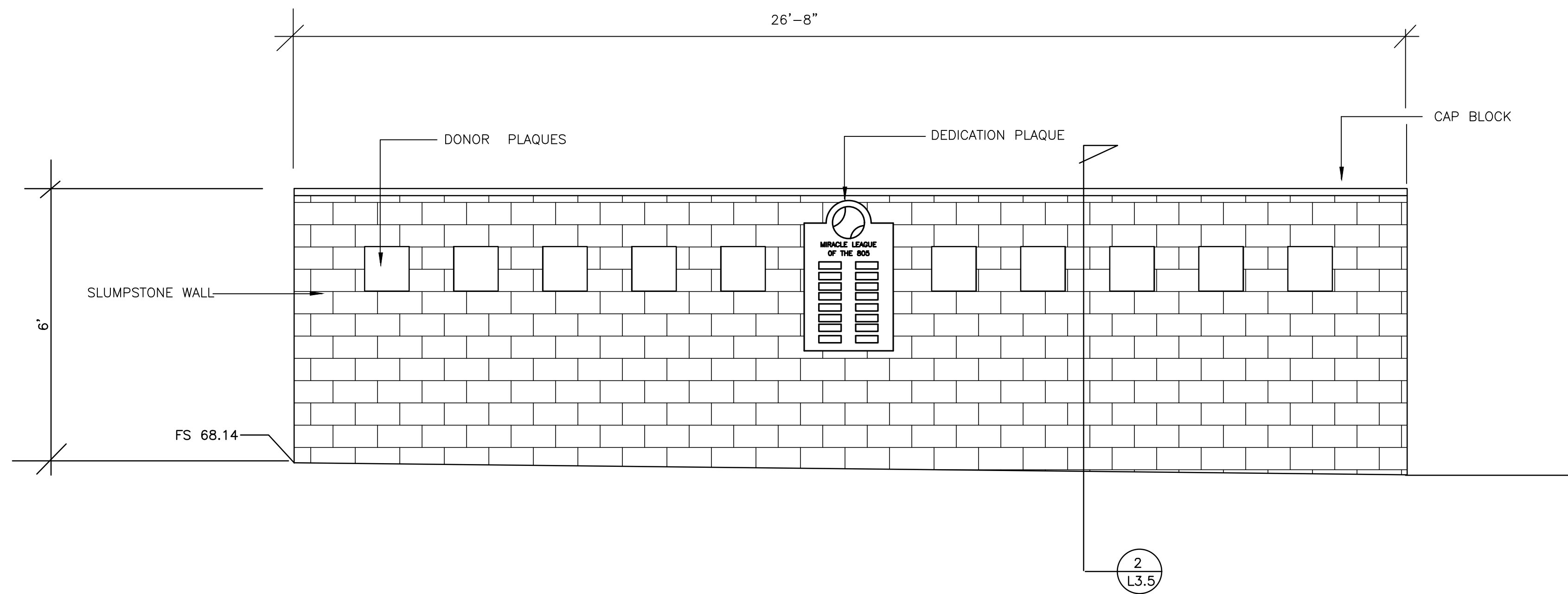
CLIENT
MIRACLE LEAGUE OF THE 805
2310 PONDEROSA DRIVE
SUITE 21
CAMARILLO, CALIFORNIA 93010

PROJECT:
MIRACLE LEAGUE BASEBALL FIELD
FREEDOM PARK
CAMARILLO, CA.

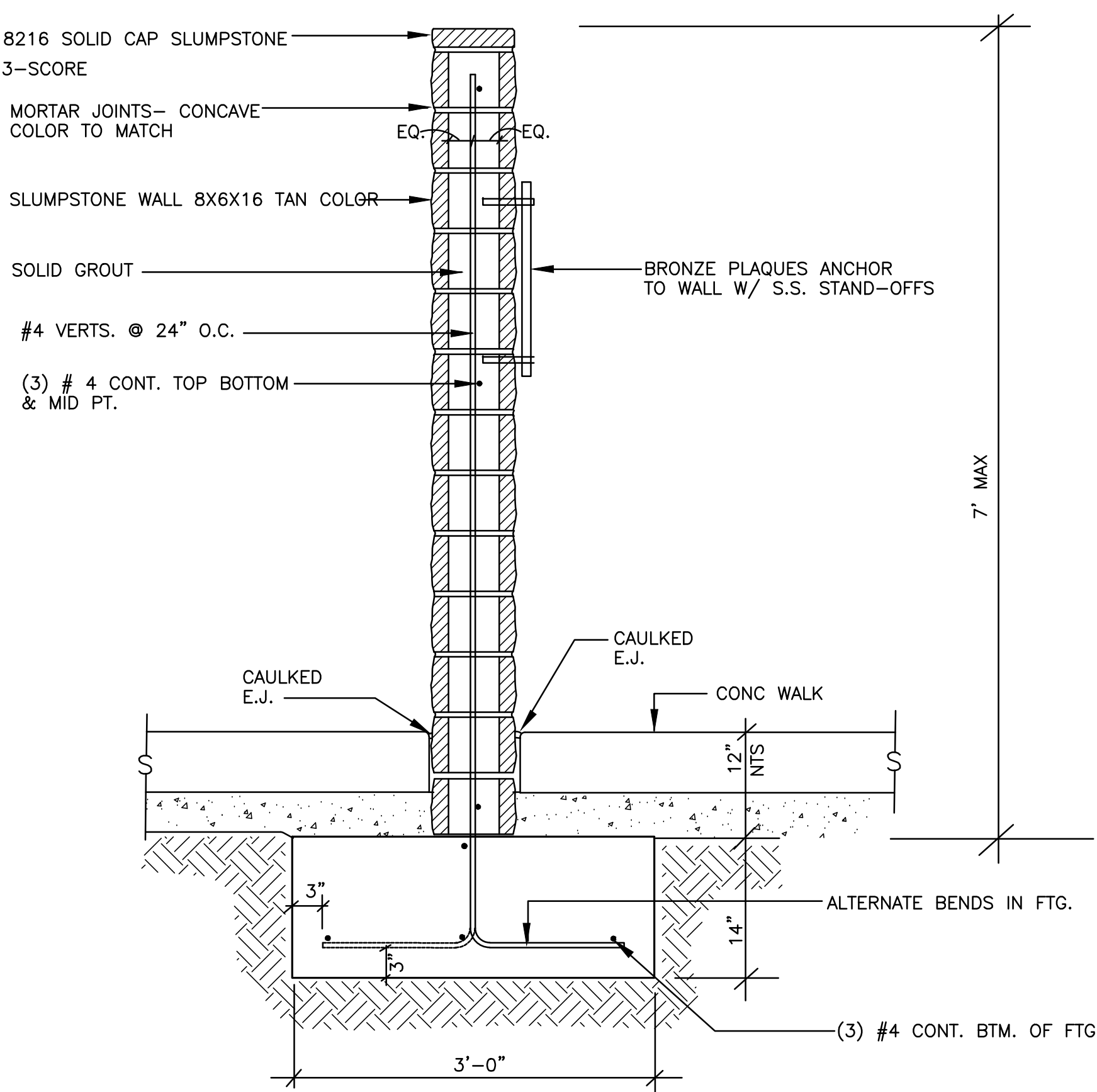
SHEET TITLE:
CONSTRUCTION DETAILS

JORDAN, GILBERT & BAIN
LANDSCAPE ARCHITECTS, INC.
459 NORTH VENTURA AVE., VENTURA CA 93001
(805) 642-3641 FAX (805) 653-7874

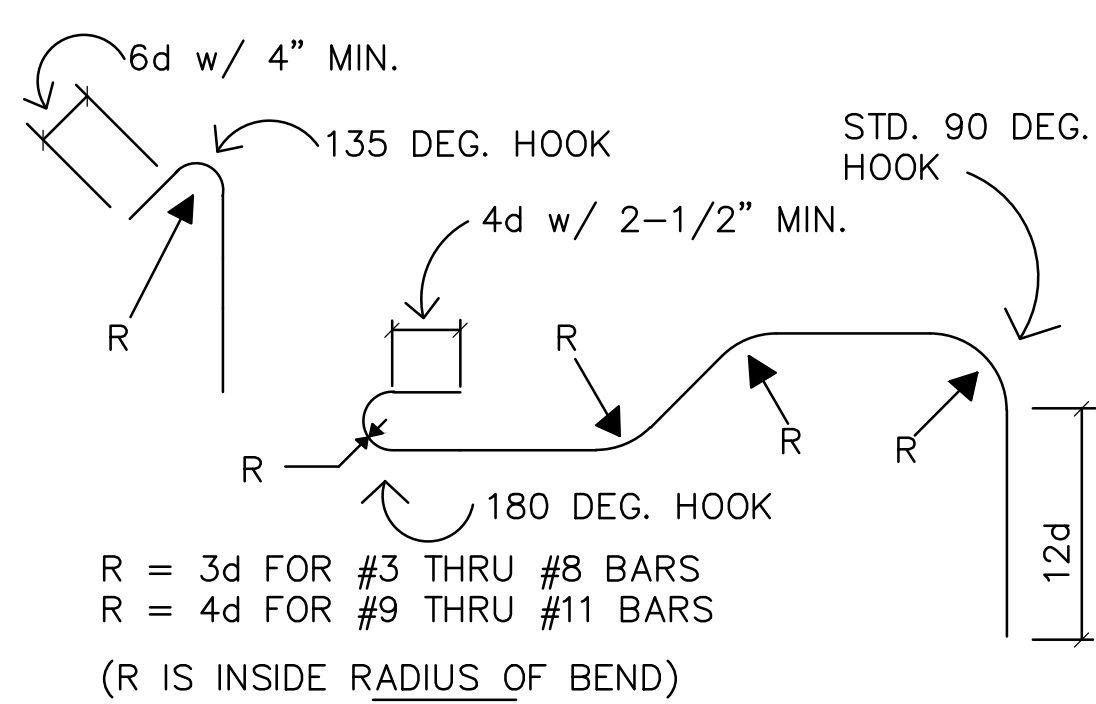
DRAWN: PJ
CITY SUBMITTAL: 8-5-22
DRAWING
L3.4
SHEET 7 OF 14
PROJECT No. 20.16



1 SLUMPSTONE WALL ELEVATION (DONOR WALL) SCALE 1/2" = 1'-0"



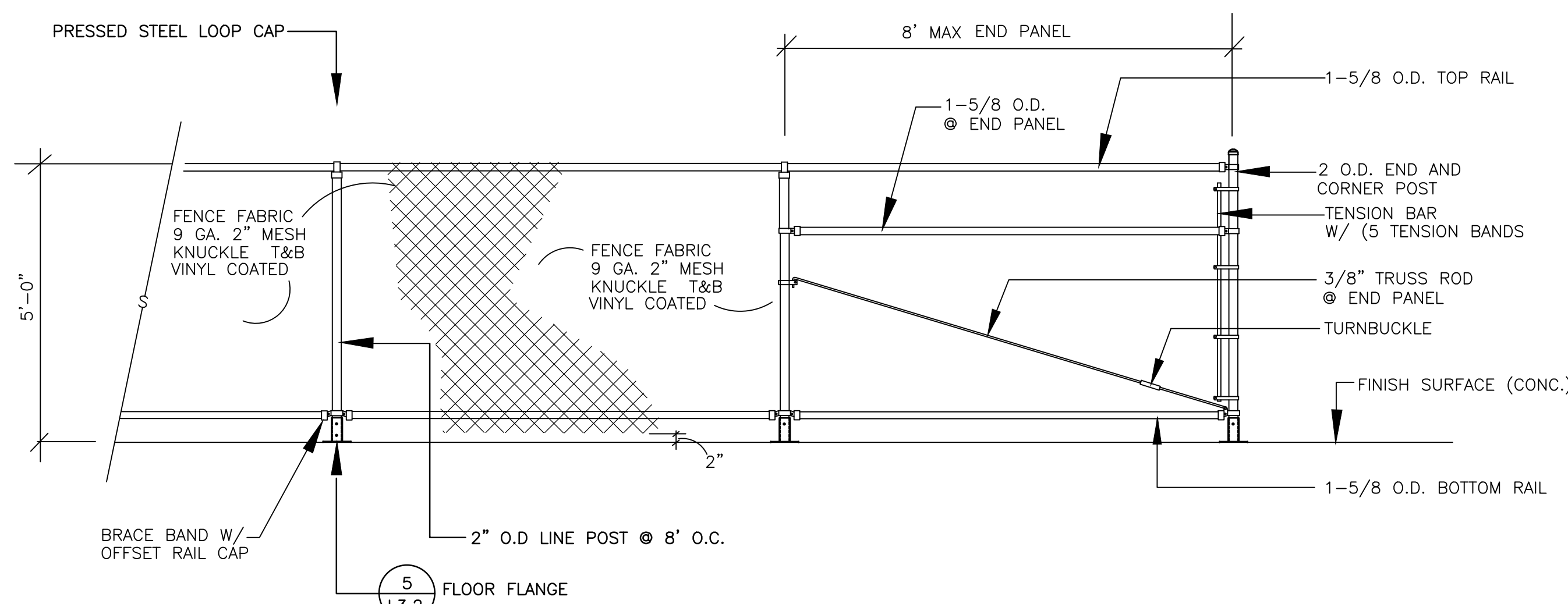
2 SLUMPSTONE WALL DETAIL SCALE 1" = 1'-0"



LEGEND: (for reinf. bars not shown to scale)

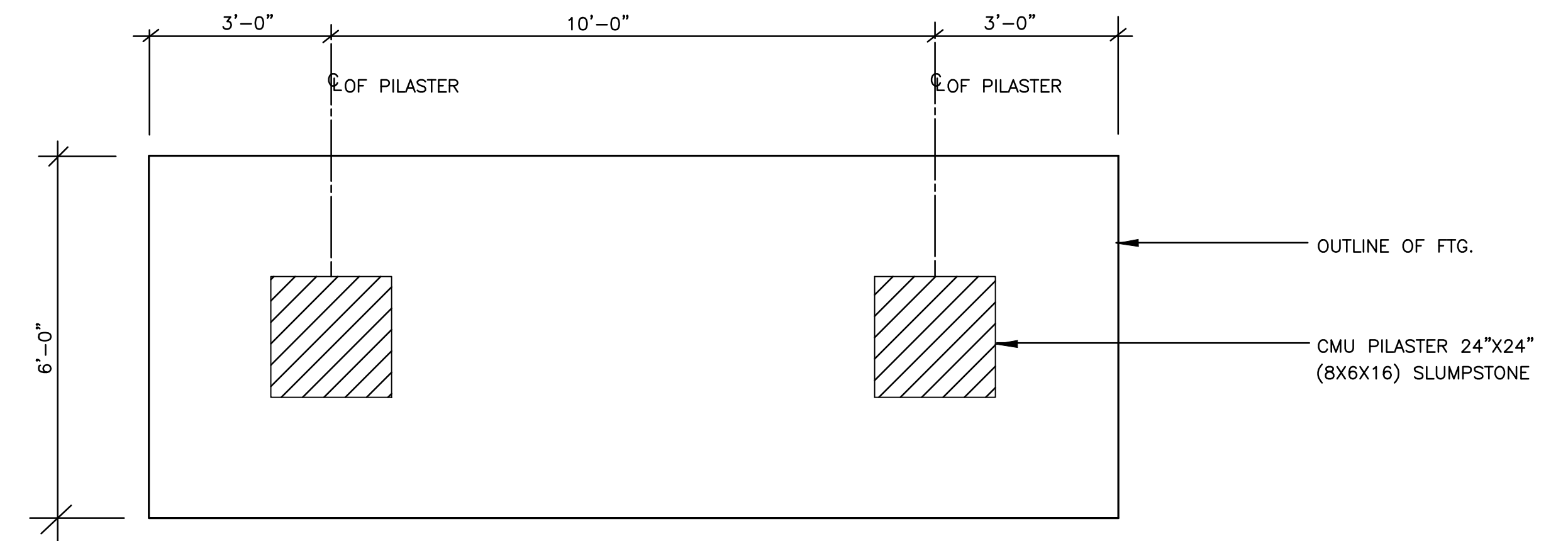
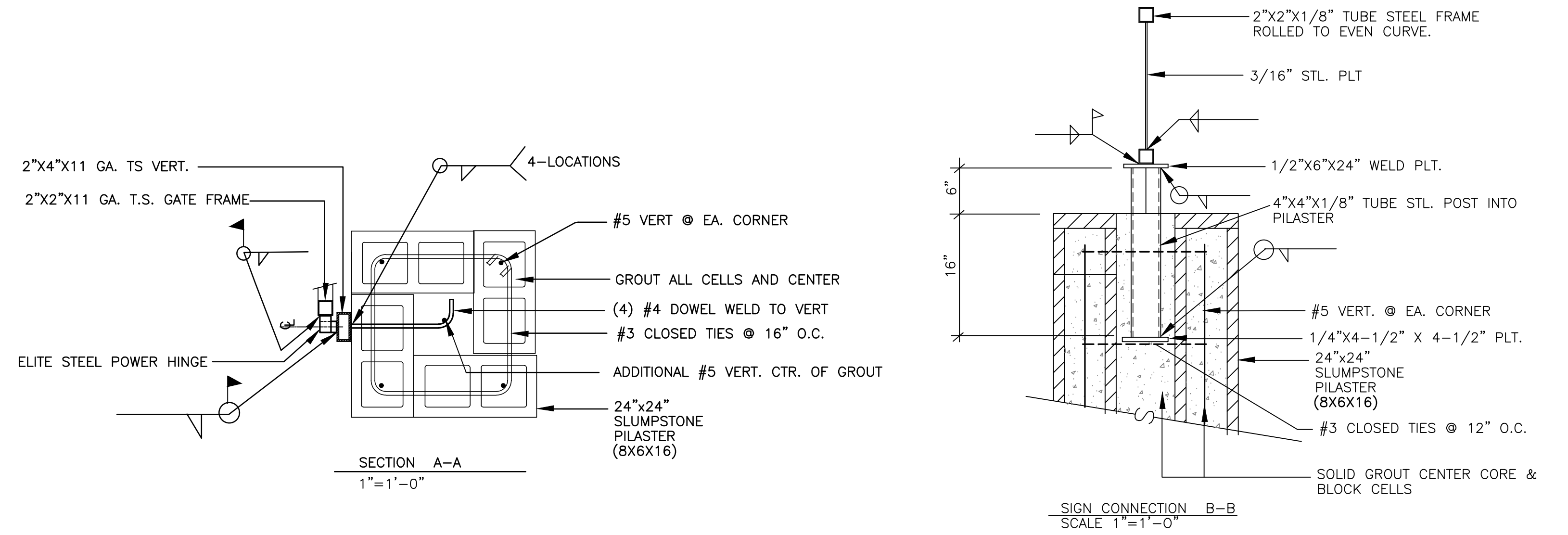
- DENOTES 90 DEG. BEND IN PLANE OF DRAWING
- DENOTES 90 DEG. BEND PERPENDICULAR TO PLANE OF DRAWING
- DENOTES OFFSET IN PLANE OF DRAWING

3 REINFORCING HOOKS AND BENDS

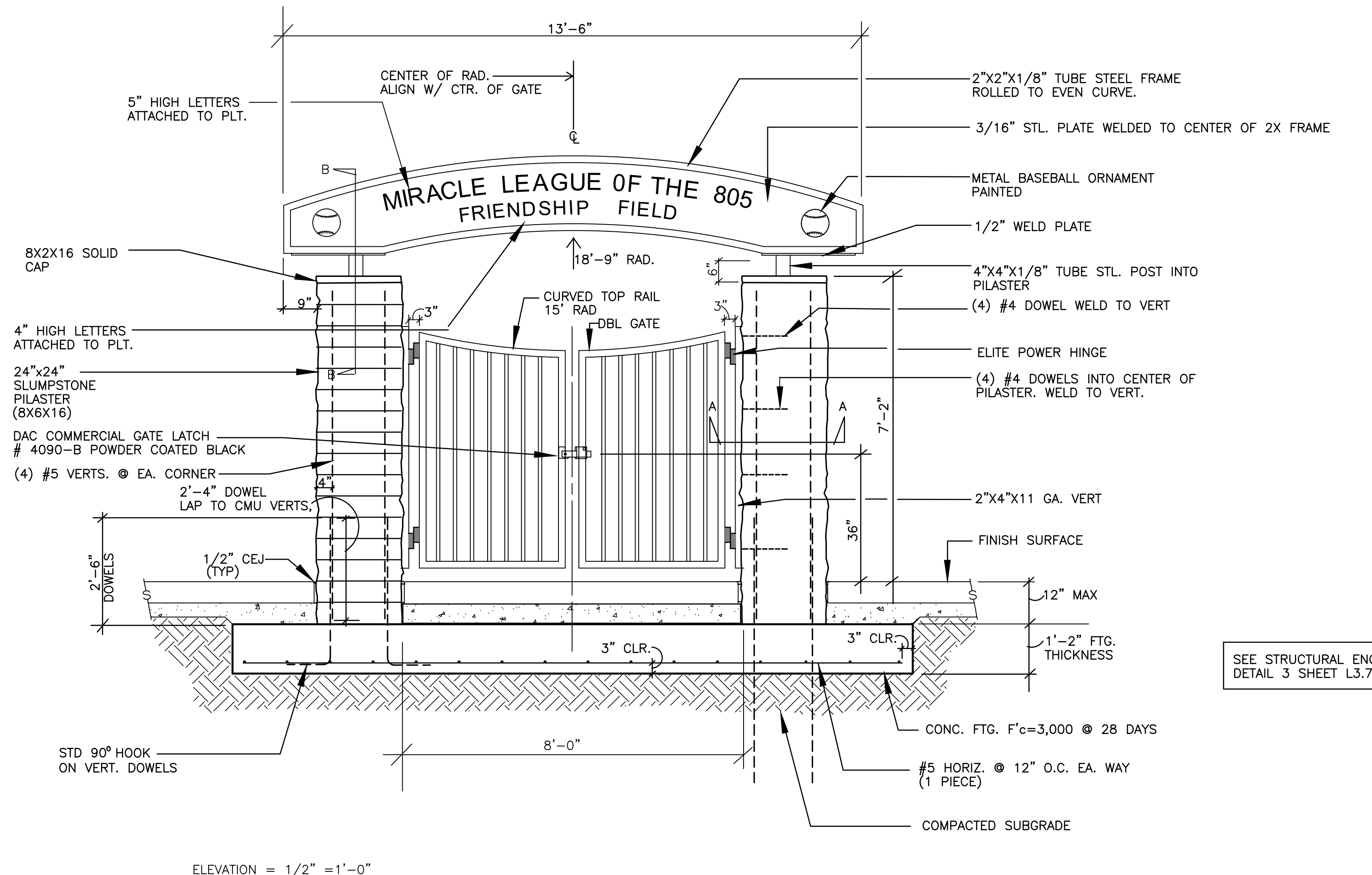


4 5 FT. HIGH VINYL COATED FENCE ON CONCRETE SLAB

SCALE 1/2" = 1'-0"



PAD FTG. PLAN VIEW = 1/2" = 1'-0"

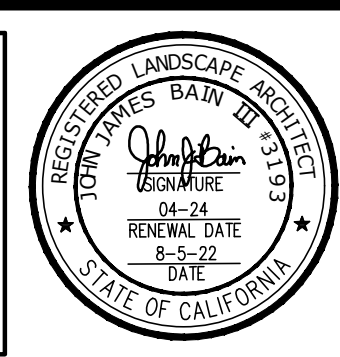
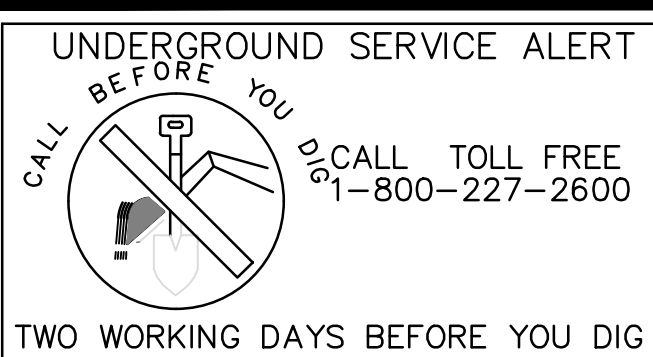


SEE STRUCTURAL ENGINEERS GENERAL NOTES DETAIL 3 SHEET L3.7

NOTE: STRUCTURAL ENGINEER'S STAMP IS FOR THIS DETAIL ONLY



SCALE AS NOTED



NO.	DATE	BY	DESCRIPTION

CLIENT

MIRACLE LEAGUE OF THE 805

2310 PONDEROSA DRIVE

SUITE 21

CAMARILLO, CALIFORNIA 93010

PROJECT:

MIRACLE LEAGUE BASEBALL FIELD

FREEDOM PARK

CAMARILLO, CA.

SHEET TITLE:

CONSTRUCTION DETAILS

JORDAN, GILBERT & BAIN

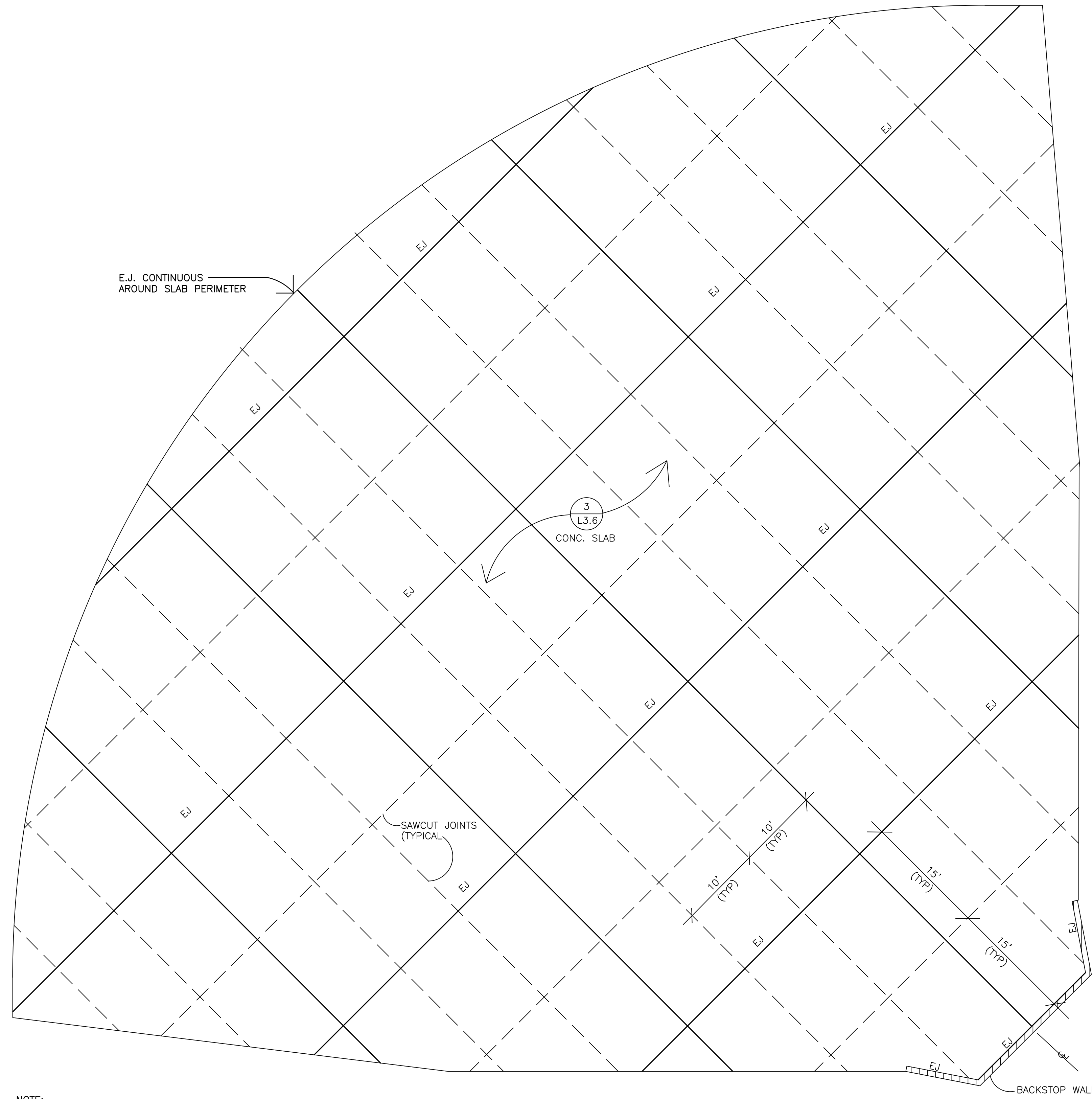
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CITY SUBMITTAL: 8-5-22	L3.5
BID DATE: 10-12-22	SHEET 8 OF 14
CONSTRUCTION: 10-12-22	PROJECT NO. 20.16



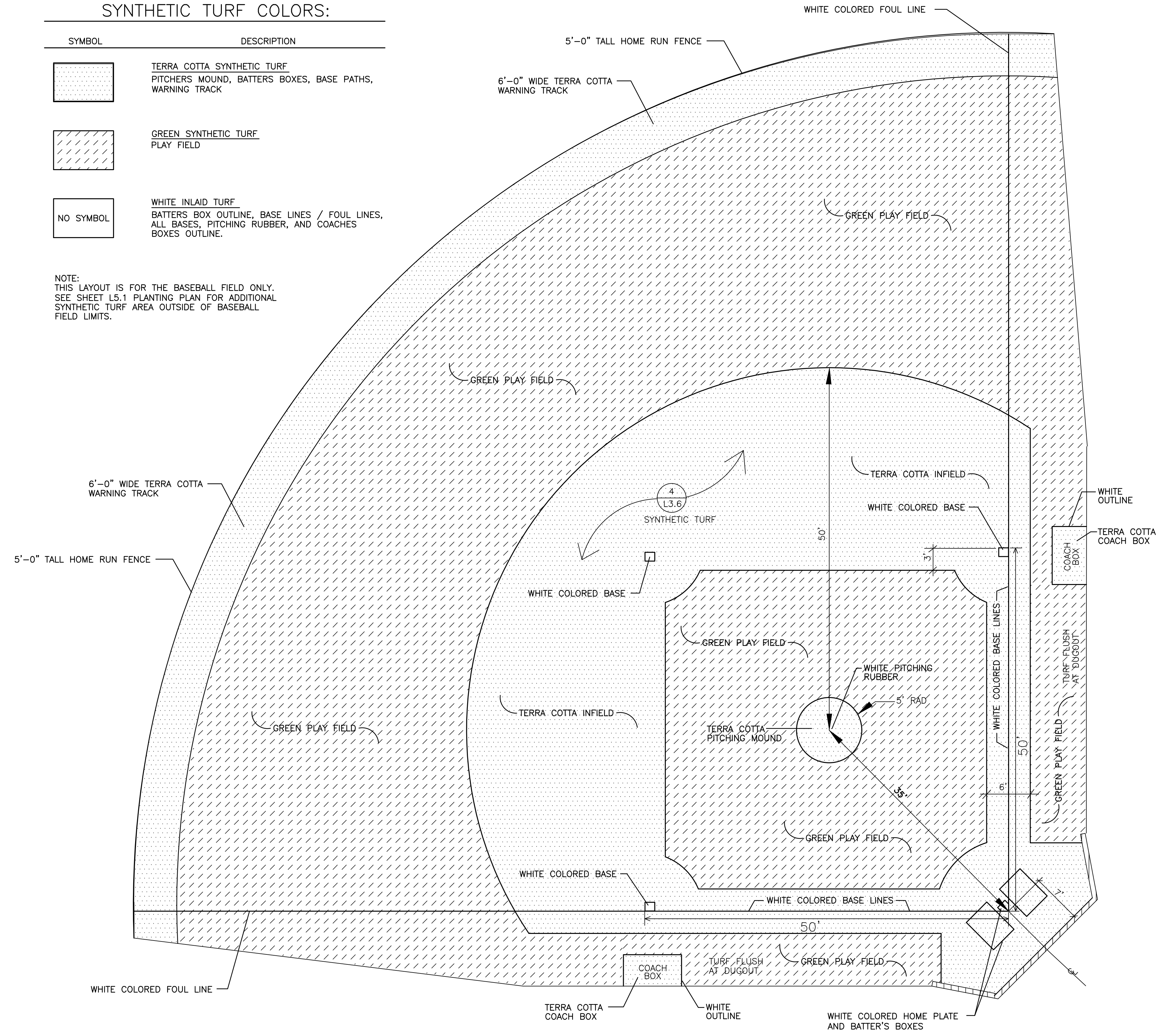
NOTE:
THIS LAYOUT IS FOR THE BASEBALL FIELD ONLY.
SEE SHEET L2.2 STAKING PLAN FOR ENTIRE SCOPE
OF CONCRETE SLAB AND SIDEWALK WORK REQUIRED
FOR THIS PROJECT.

1 BASEBALL FIELD SLAB LAYOUT SCALE 1/8"=1'-0"

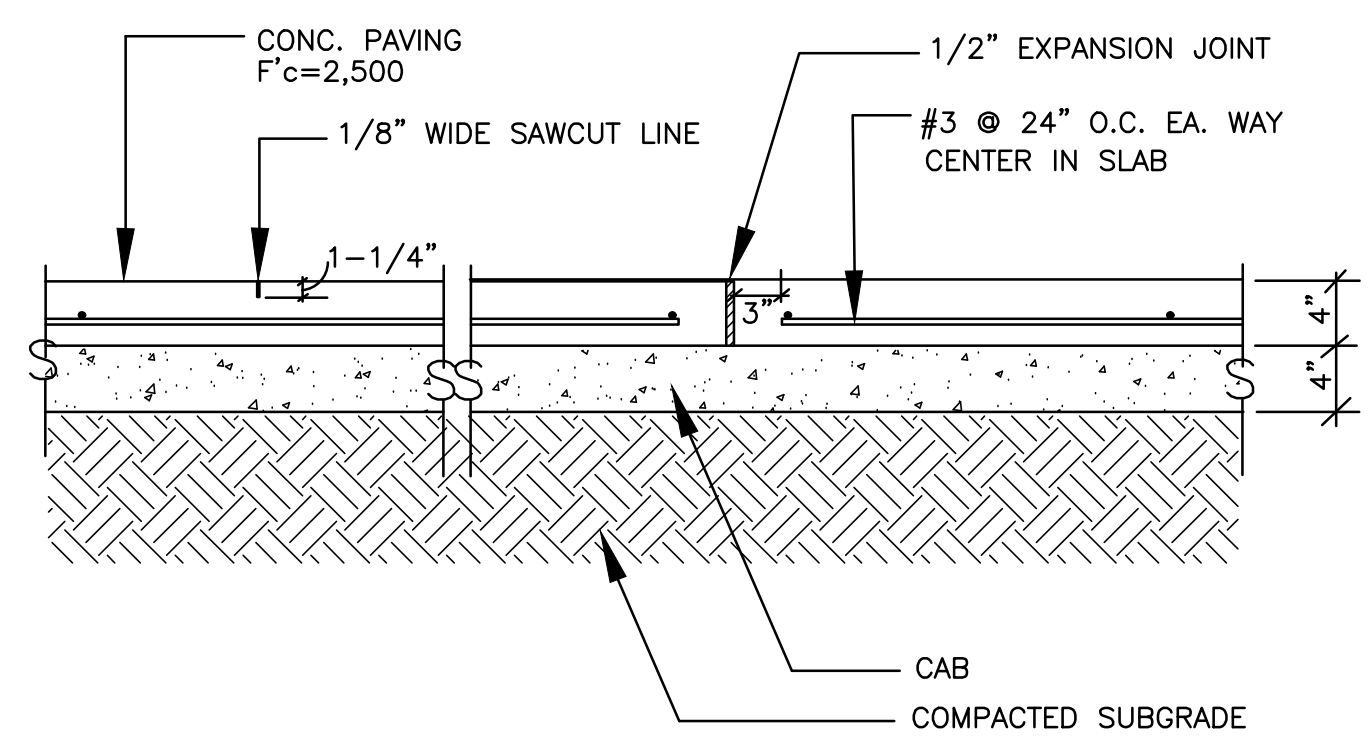
SYNTHETIC TURF COLORS:

SYMBOL	DESCRIPTION
	TERRA COTTA SYNTHETIC TURF PITCHERS MOUND, BATTERS BOXES, BASE PATHS, WARNING TRACK
	GREEN SYNTHETIC TURF PLAY FIELD
NO SYMBOL	WHITE INLAID TURF BATTERS BOX OUTLINE, BASE LINES / FOUL LINES, ALL BASES, PITCHING RUBBER, AND COACHES BOXES OUTLINE.

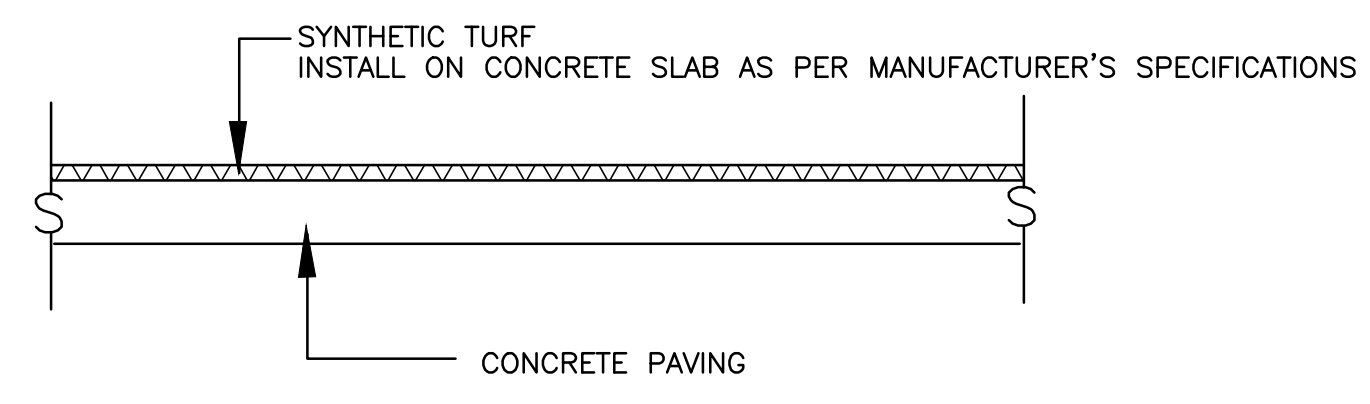
NOTE:
THIS LAYOUT IS FOR THE BASEBALL FIELD ONLY.
SEE SHEET L5.1 PLANTING PLAN FOR ADDITIONAL
SYNTHETIC TURF AREA OUTSIDE OF BASEBALL
FIELD LIMITS.



2 SYNTHETIC TURF BASEBALL FIELD LAYOUT SCALE 1/8"=1'-0"

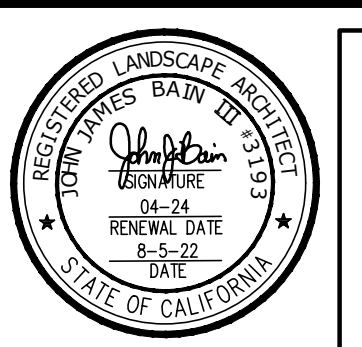
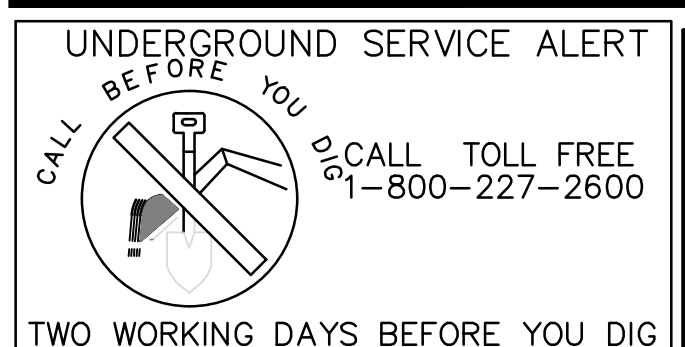


3 BASEBALL FIELD WITH SYNTHETIC TURF SLAB SECTION SCALE 1" = 1'-0"



4 SYNTHETIC TURF ON CONCRETE SLAB SCALE 1" = 1'-0"

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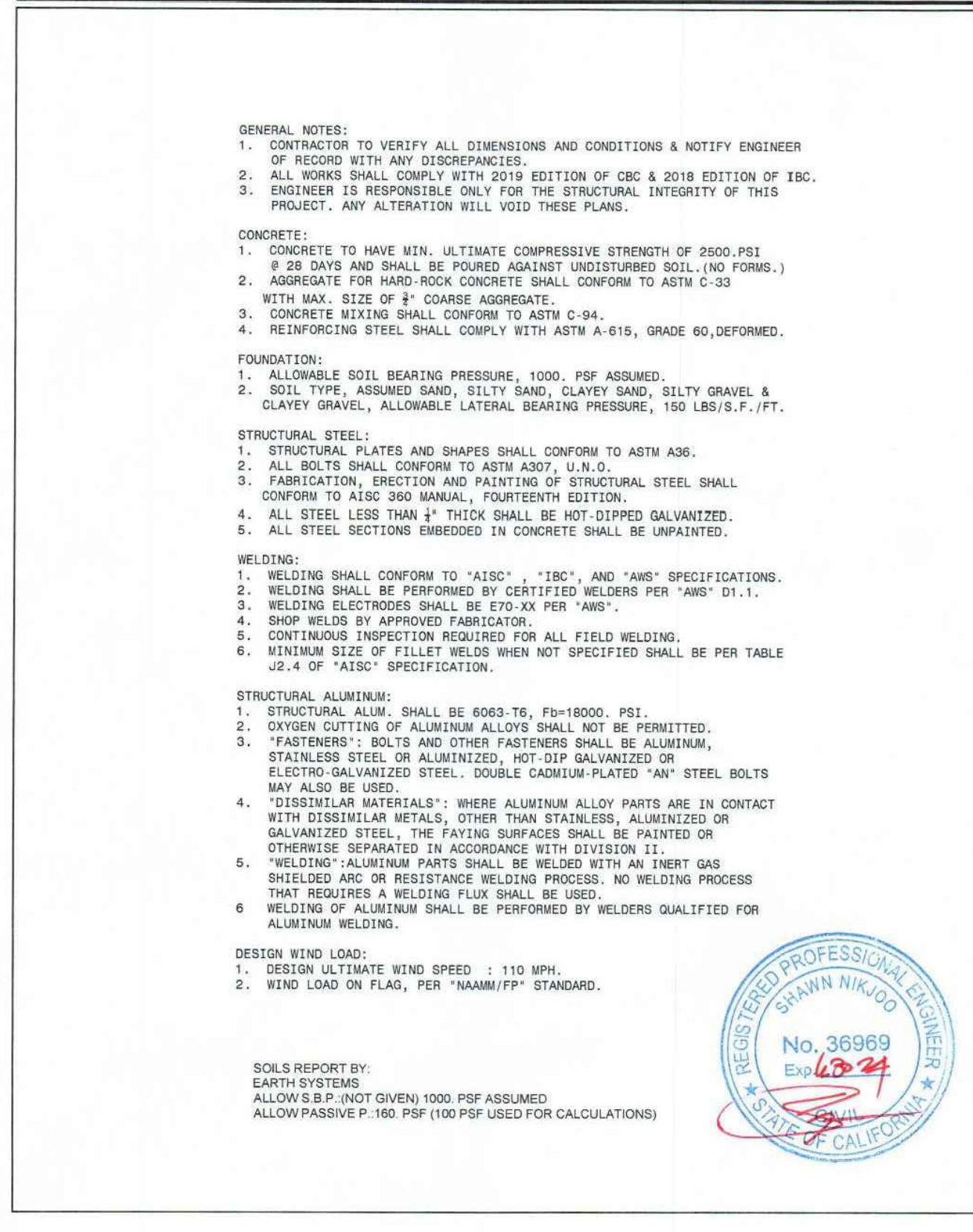
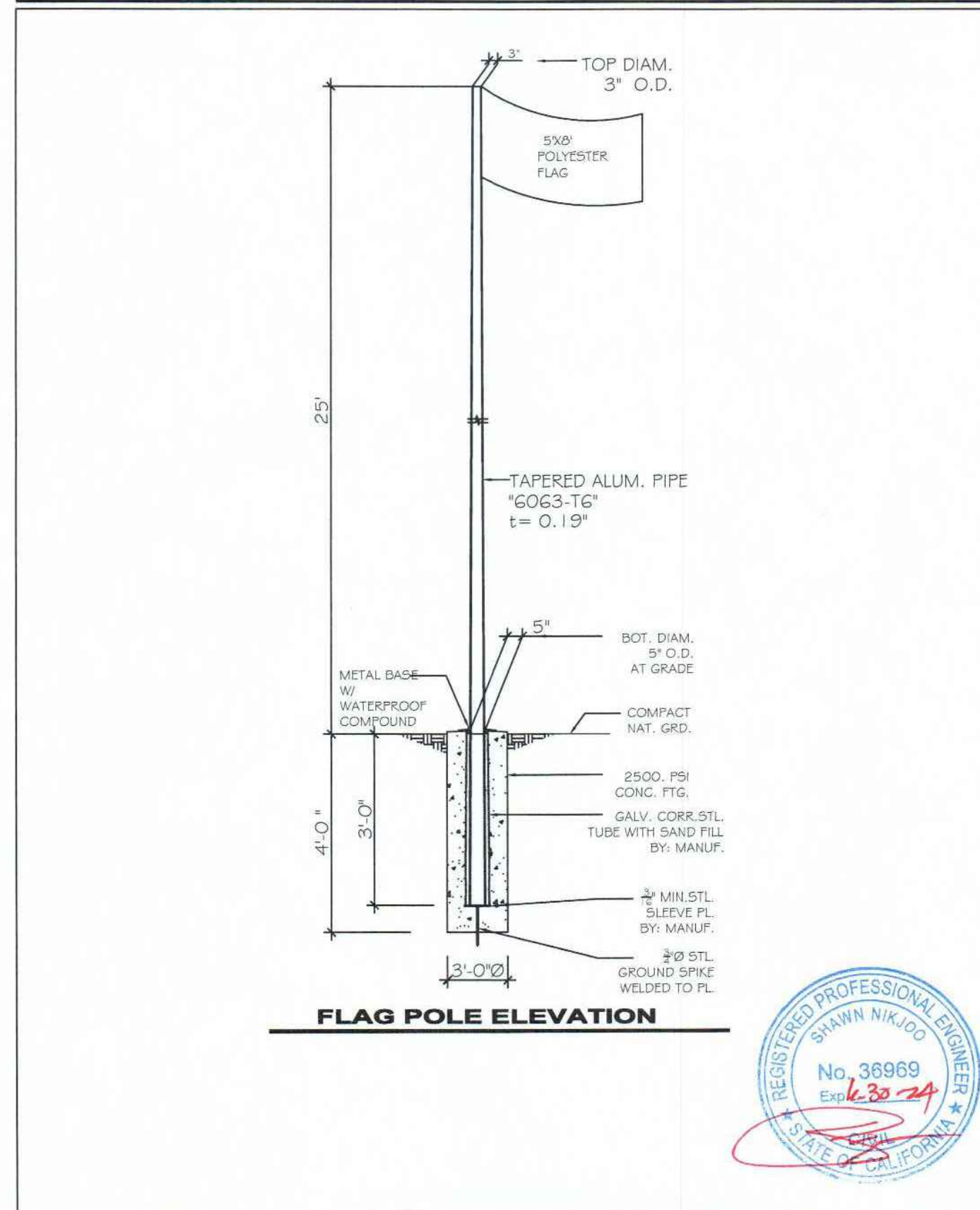
PROJECT:
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FREEDOM PARK
CAMARILLO, CA.

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CITY SUBMITTAL: 8-5-22
CONSTRUCTION 10-12-22

DRAWING
L3.6
SHEET 9 OF 14
PROJECT No. 20.16



GENERAL NOTES

MASONRY

- ALL CONCRETE BLOCKS SHALL BE GRADE "N" MEDIUM WEIGHT UNITS CONFORMING TO ASTM C-90, AND SHALL HAVE A NET AREA COMPRESSIVE STRENGTH OF 2,000 PSI USING TYPE "S" MORTAR PER SECTION 2103.2.1 OF THE CBC.
- REINFORCING STEEL FOR MASONRY WORK SHALL BE DEFORMED AND SHALL CONFORM TO ASTM A-615, GRADE 60, EXCEPT FOR WELDED REINFORCING STEEL WHICH SHALL BE ASTM A-706. ALL REINFORCING STEEL SHALL BE POSITIONED AS INDICATED ON THE PLANS. LAP SPLICES OF REINFORCING STEEL IN MASONRY SHALL BE 48 BAR DIAM. WITH A MINIMUM OF 18 INCHES, WHICHEVER IS GREATER UNLESS OTHERWISE INDICATED IN DETAILS. WHEN ADJACENT SPLICES ARE SEPARATED BY 3' OR LESS (I.E. 2 BARS IN 8" C.M.D.), THE LAP LENGTH SHALL BE INCREASED TO 60 BAR DIAM. UNLESS THE LAP SPLICES ARE STAGGERED AT LEAST 24 BAR DIAM. OR SPECIFIC LAP LENGTHS ARE SHOWN ELSEWHERE ON PLANS.
- ALL MASONRY WORK SHALL CONFORM TO CHAPTER 21 OF THE 2019 CALIFORNIA BUILDING CODE.
- MORTAR PROPORTIONS SHALL CONFORM TO CBC SECTION 2103.2.1 AND TABLE SC-1/ASTM C270 OF TMS 602-11/ACI 530, TYPE "S".
- GROUT SHALL CONFORM TO SECTION 2103.3 OF THE CBC AND TMS602/ACI 530 AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 2,000 PSI. GROUT SHALL BE PROPERLY CONSOLIDATED BY MEANS OF MECHANICAL VIBRATORS. ALL REINFORCING STEEL AND EMBEDDED ITEMS SHALL BE PROPERLY SECURED IN POSITION PRIOR TO GROUTING.
- PROVIDE VERTICAL DOWELS WITH STANDARD HOOKS AT BOTTOM FROM ALL FOOTINGS WITH SIZE AND SPACING TO MATCH VERTICAL MASONRY REINFORCING, UNLESS OTHERWISE NOTED ON PLANS.
- PROVIDE 2-#5 VERTICAL, FULL HEIGHT, AT SIDES OF ALL OPENINGS. ENDS OF ALL WALLS, AND CORNERS, UNLESS OTHERWISE NOTED.
- PROVIDE 2-#5 AT BOTTOM OF ALL LINTELS W/ A MIN. OF 24 INCH EXTENSION PAST SIDE OF OPENING, UNLESS OTHERWISE NOTED ON PLANS OR DETAILS. USE 2-#4 CONT. HORIZ. @ TOP OF ALL SILLS.
- VERTICAL REINFORCING SHALL BE LOCATED AT THE CENTER OF THE WALL UNLESS OTHERWISE NOTED IN DETAILS AND SHALL BE HELD IN POSITION AT INTERVALS NOT EXCEEDING 8'-0".
- ALL HORIZONTAL STEEL SHALL BE IN LINTEL OR CHANNEL BLOCKS.
- UNLESS OTHERWISE INDICATED ALL EXTERIOR JOINTS SHALL BE 3/8" TOOLED CONCAVE, AND INTERIOR JOINTS SHALL BE STRUCK FLUSH AND SACKED.
- NO PIPING OTHER THAN CONDUIT SHALL BE EMBEDDED IN THE MASONRY UNLESS APPROVED BY THE ENGINEER.
- MASONRY UNITS SHALL BE LAID IN A "RUNNING" BOND. "STACK" BOND SHALL BE USED ONLY WITH THE APPROVAL OF THE ENGINEER.

DESIGN LOADS/CALCULATIONS:

CBC 1603.1.4 WIND DESIGN DATA	BASIC WIND SPEED (3 MILE GUST).....92 mph
WIND IMPORTANCE FACTOR.....	1.0
WIND EXPOSURE FACTOR.....	1.0
INTERNAL PRESSURE COEFFICIENT.....	0.18
CBC 1603.1.5 EARTHQUAKE DESIGN DATA	SEISMIC IMPORTANCE FACTOR.....1.0
OCCUPANCY CATEGORY.....	I
SHORT PERIOD SPECTRAL RESPONSE, Ss.....	1.69 g
SITE CLASS.....	D-DEFAULT
Ss.....	1.35 g
SEISMIC DESIGN CATEGORY.....	E
BASIC SEISMIC FORCE RESISTING SYSTEM.....	CANTILEVERED PIERS
DESIGN BASE SHEAR, (ASD):	0.77 W (0.108/1.4) BASED ON ASCE EQ. 12.8-1
REUNDANCY FACTOR, RHO, USED.....	1.0
ANALYSIS PROCEDURE USED.....	ASCE EQUIVELANT LATERAL FORCE PROCEDURE

SECTION 1704 SPECIAL INSPECTION FOR MASONRY CONSTRUCTION, (PERIODIC)

1704.1 GENERAL. WHERE APPLICATION IS MADE FOR CONSTRUCTION AS DESCRIBED IN THIS SECTION, THE OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTIONS DURING CONSTRUCTION ON THE WORK LISTED BELOW. (MASONRY CONSTRUCTION FOR THE ENCLOSURE WALLS). THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.

1704.1.2 REPORT REQUIREMENT. SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THE DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTION SHALL BE SUBMITTED AT A POINT IN TIME AGREED UPON BY THE PERMIT APPLICANT AND THE BUILDING OFFICIAL PRIOR TO THE START OF WORK.

DUTIES OF THE SPECIAL INSPECTOR:

PRIOR TO POURING CONCRETE FOR THE MASONRY WALL FOOTINGS, VERIFYING REINFORCING DOWELS FOR SIZE, GRADE, SPACING, PLACEMENT, AND PROPER LAP LENGTHS. PRIOR TO START OF MASONRY CONSTRUCTION, OBTAIN CERTIFICATES FOR MATERIALS USED IN THE MASONRY CONSTRUCTION INDICATING COMPLIANCE WITH THE CONTRACT DOCUMENTS.

THE MASONRY INSPECTOR SHALL PERFORM PERIODIC INSPECTION AND SAMPLING FOR TESTING OF THE FOLLOWING MASONRY CONSTRUCTION:

- AS MASONRY CONSTRUCTION BEGINS, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE: PROPORTIONING OF SITE-PREPARED MORTAR. CONSTRUCTION OF MORTAR JOINTS. LOCATION OF REINFORCEMENT.
- THE INSPECTION PROGRAM SHALL VERIFY: SPECIFIED SIZE, GRADE, SPACING, AND LOCATION OF REINFORCEMENT.
- PRIOR TO GROUTING, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE: GROUT SPACE IS CLEAN. PLACEMENT OF REINFORCEMENT STEEL. PROPORTIONS OF SITE-PREPARED GROUT. CONSTRUCTION OF MORTAR JOINTS. NOTE: HIGH LIFT GROUTING MAY BE USED PROVIDED CLEAN OUTS ARE PROVIDED AT THE BOTTOM CELLS OF ALL WALLS
- GROUT PLACEMENT SHALL BE VERIFIED TO ENSURE COMPLIANCE WITH CODE AND CONSTRUCTION DOCUMENT PROVISIONS.
- PREPARATION OF ANY REQUIRED GROUT SPECIMENS AND MORTAR SPECIMENS.
- COMPLIANCE WITH REQUIRED INSPECTION PROVISIONS OF THE CONSTRUCTION DOCUMENTS AND THE APPROVED SUBMITTALS SHALL BE VERIFIED.

SECTION 1705 STATEMENT OF SPECIAL INSPECTIONS

THE ABOVE SPECIAL PERIODIC INSPECTION REQUIREMENTS SHALL BE CONSIDERED AS THE "STATEMENT OF SPECIAL INSPECTION" AS REQUIRED BY SECTION 1705 OF THE CBC.

GENERAL

- ALL WORK SHALL CONFORM WITH THE 2019 CALIFORNIA BUILDING CODE, (CBC), AND ALL LOCAL ORDINANCES.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO STARTING CONSTRUCTION AND BRING TO THE ATTENTION OF THE LANDSCAPE ARCHITECT ANY DISCREPANCIES OR INCONSISTENCIES.
- NO STRUCTURAL MEMBER SHALL BE CUT, NOTCHED, BORED OR OTHERWISE WEAKENED EXCEPT AS ALLOWED BY THE CALIFORNIA BUILDING CODE OR APPROVED BY STRUCTURAL ENGINEER.
- THE LANDSCAPE ARCHITECT OR ENGINEER SHALL BE NOTIFIED OF ANY UNUSUAL OR UNFORSEEN CONDITION WHICH EFFECTS THE STRUCTURAL STABILITY OF THE FINISHED PROJECT. PRIOR TO CONTINUING WITH CONSTRUCTION, SHOULD ANY CONDITION ARISE WHERE THERE APPEARS TO BE AN ERROR ON THE DRAWINGS OR A DISCREPANCY BETWEEN THE DRAWINGS AND CONDITIONS IN THE FIELD, THE ARCHITECT OR ENGINEER SHALL BE NOTIFIED PRIOR TO CONTINUING WITH THE WORK.
- IN THE CASE WHERE TWO OR MORE DETAILS APPLYING TO THE SAME PART OF THE WORK ARE IN CONFLICT, THE MOST RESTRICTIVE SHALL GOVERN UNLESS CLARIFIED OR OTHERWISE APPROVED BY THE ENGINEER.
- REVIEW OF SHOP DRAWINGS MEANS REVIEW OF GENERAL METHOD OF FABRICATION ONLY. DIMENSIONS AND QUANTITIES MAY NOT BE CHECKED, AND REVIEW OF THE SHOP DRAWINGS DOES NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS UNLESS SPECIFICALLY SO INDICATED IN THE REVIEW.
- THE LANDSCAPE ARCHITECT AND ENGINEER HAS NOT BEEN RETAINED FOR SUPERVISION OF CONSTRUCTION DURING CONSTRUCTION, BUT WILL RESOLVE STRUCTURAL ITEMS BROUGHT TO HIS ATTENTION DURING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING AND BRACING REQUIRED TO PROTECT PERSONNEL AND ADJACENT PROPERTY DURING CONSTRUCTION. THE CONTRACTOR SHALL ADEQUATELY BRACE ELEMENTS OF THE STRUCTURE DURING CONSTRUCTION TO INSURE THE SAFETY OF THE STRUCTURE.

FOUNDATION

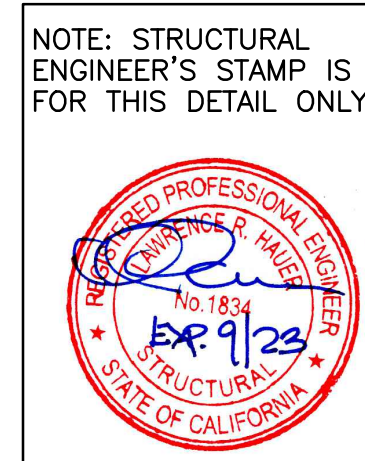
- THE 2016 SOILS REPORT PREPARED BY EARTH SYSTEMS REPORT NO. 18-9-52 WAS UPDATED ON APRIL 18, 2022 BY EARTH SYSTEMS, REPORT NO. 22-4-66.
- THE CONTRACTOR SHALL CONFIRM THAT ALL NEW FOOTINGS WILL BEAR ON FIRM, UNDISTURBED SOILS AND SHALL OVER EXCAVATE AND RECOMPACT EXISTING SOILS AS NECESSARY.
- ALLOWABLE SOIL BEARING VALUE IS: 1,000 PSF FOR ALL FOOTINGS
- ALL EARTH CUTS OVER 5'-0" IN HEIGHT SHALL BE BRACED BY TEMPORARY SHORING OR A TWO PHASE SLOT CUT WITH MAXIMUM 6'-0" SLOTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF TEMPORARY SHORING AND BRACING.

CONCRETE

- ALL CONCRETE UNLESS OTHERWISE SHOWN ON THE PLANS SHALL BE HARDBLOCK CONFORMING TO ASTM C-94 WITH A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF F'c =3,000 PSI.
- AGGREGATE FOR THE CONCRETE SHALL CONFORM TO ASTM C-33, INCLUDING APPENDIX "X1".
- THE CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS FOR MIXING, PLACING, FINISHING, CURING, AND PROTECTING CONCRETE DURING UNFAVORABLE WEATHER CONDITIONS.
- ALL REINFORCING STEEL SHALL BE NEW STOCK DEFORMED BARS CONFORMING TO ASTM A-615, GRADE 60 EXCEPT #3 BARS MAY BE GRADE 40. ALL WELDED REINFORCING STEEL SHALL BE ASTM A-706. ALL BARS SHALL BE FREE OF RUST, GREASE, MILL SCALE OR ANY OTHER MATERIALS WHICH MIGHT AFFECT ITS BOND TO THE CONCRETE. ALL BAR BENDS SHALL BE MADE COLD.
- PROVIDE 3/4" CHAMFER ON ALL EXPOSED CORNERS.
- FOR THE DETAILS SHOWN ON THESE PLANS, ALL REINFORCING BARS SHALL BE FULL LENGTH WITHOUT SPICES UNLESS APPROVED BY THE ENGINEER.
- REINFORCING BARS SHALL HAVE THE FOLLOWING CONCRETE COVER, (UNLESS NOTED OTHERWISE IN DETAILS): CONCRETE POURED AGAINST EARTH.....3 INCHES CONCRETE BEAMS AND COLUMNS.....2 INCHES CONCRETE SLABS, ABOVE GRADE.....1 INCH
- DRYPACK SHALL BE MIXED IN THE PROPORTIONS OF 1 PART PORTLAND CEMENT TO 2-1/2 PARTS SAND WITH ENOUGH WATER TO PRODUCE A STIFF MIX. DRYPACK SHALL BE THOROUGHLY TAMPED INTO PLACE TO ENSURE A DENSE FINISH, FREE OF VOIDS.
- THE SLUMP OF THE CONCRETE SHALL BE THE MINIMUM THAT IS PRACTICABLE WHEN VIBRATORS ARE USED TO CONSOLIDATE THE CONCRETE. THE SLUMP SHALL NOT EXCEED 4 INCHES, OTHERWISE THE SLUMP SHALL NOT EXCEED 6 INCHES.
- ALL CONCRETE SHALL BE ADEQUATELY CONSOLIDATED DURING PLACEMENT AND ALL REINFORCING STEEL AND EMBEDDED ITEMS SHALL BE SECURELY TIED IN PLACE TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT.
- EXCEPT WHERE INDICATED OTHERWISE, ALL REINFORCING STEEL SHALL BE BENT AND PLACED IN ACCORDANCE WITH THE "CODE OF STANDARD PRACTICE AND THE SPECIFICATIONS FOR PLACING REINFORCING STEEL" OF THE CONCRETE REINFORCING STEEL INSTITUTE.

STRUCTURAL STEEL

- ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A-36 EXCEPT FOR PIPE AND TUBE SECTIONS. SEE NOTE "2" BELOW FOR PIPES.
- STEEL PIPE SHALL CONFORM TO ASTM A-53, GRADE "B" AND TUBULAR STEEL MEMBERS SHALL CONFORM TO ASTM A-500, GRADE "B".
- ALL WELDING SHALL BE PERFORMED WITH E70XX ELECTRODES CONFORMING TO AWS D1.1, LATEST EDITION, PROVIDE BACKING PLATES AS REQUIRED FOR FULL PENETRATION WELDS.
- STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE "SPECIFICATIONS FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS BY THE A.I.S.C., LATEST EDITION.
- ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS IN THE SHOP OF A FABRICATOR APPROVED BY THE LOCAL BUILDING DEPARTMENT FOR WELDING IN THE SHOP. FOR SHOPS NOT APPROVED, WELDING SHALL BE CONTINUOUSLY INSPECTED BY A LICENSED DEPUTY INSPECTOR PER SECTION 1704.2. OF THE CBC.
- CONTINUOUS INSPECTION BY A LICENSED DEPUTY INSPECTOR IS REQUIRED FOR ALL FIELD WELDING PER SEC. 1704.3 OF THE CBC, EXCEPT MINOR ITEMS WHEN APPROVED BY THE ENGINEER AND BUILDING DEPARTMENT.
- ALL STEEL SHAPES SHALL BE HOT DIPPED GALVANIZED PER ASTM 123/A123M-09 EXCEPT FOR UNEXPOSED MEMBERS AS INDICATED IN DETAILS.
- BOLT HOLES SHALL BE 1/16 INCH LARGER THAN BOLT DIAMETER UNLESS SLOTTED HOLES ARE INDICATED IN DETAILS. BOLT HOLES SHALL BE PUNCHED OR DRILLED, BURNED HOLES ARE NOT PERMITTED.
- BOLT HEADS OR NUTS BEARING ON SLOPING SURFACES SHALL BE EQUIPPED WITH BEVELED WASHERS.
- MACHINE BOLTS SHALL CONFORM TO ASTM A-307 AND ANCHOR BOLTS TO ASTM A 1554 UNLESS OTHERWISE NOTED ON PLANS.



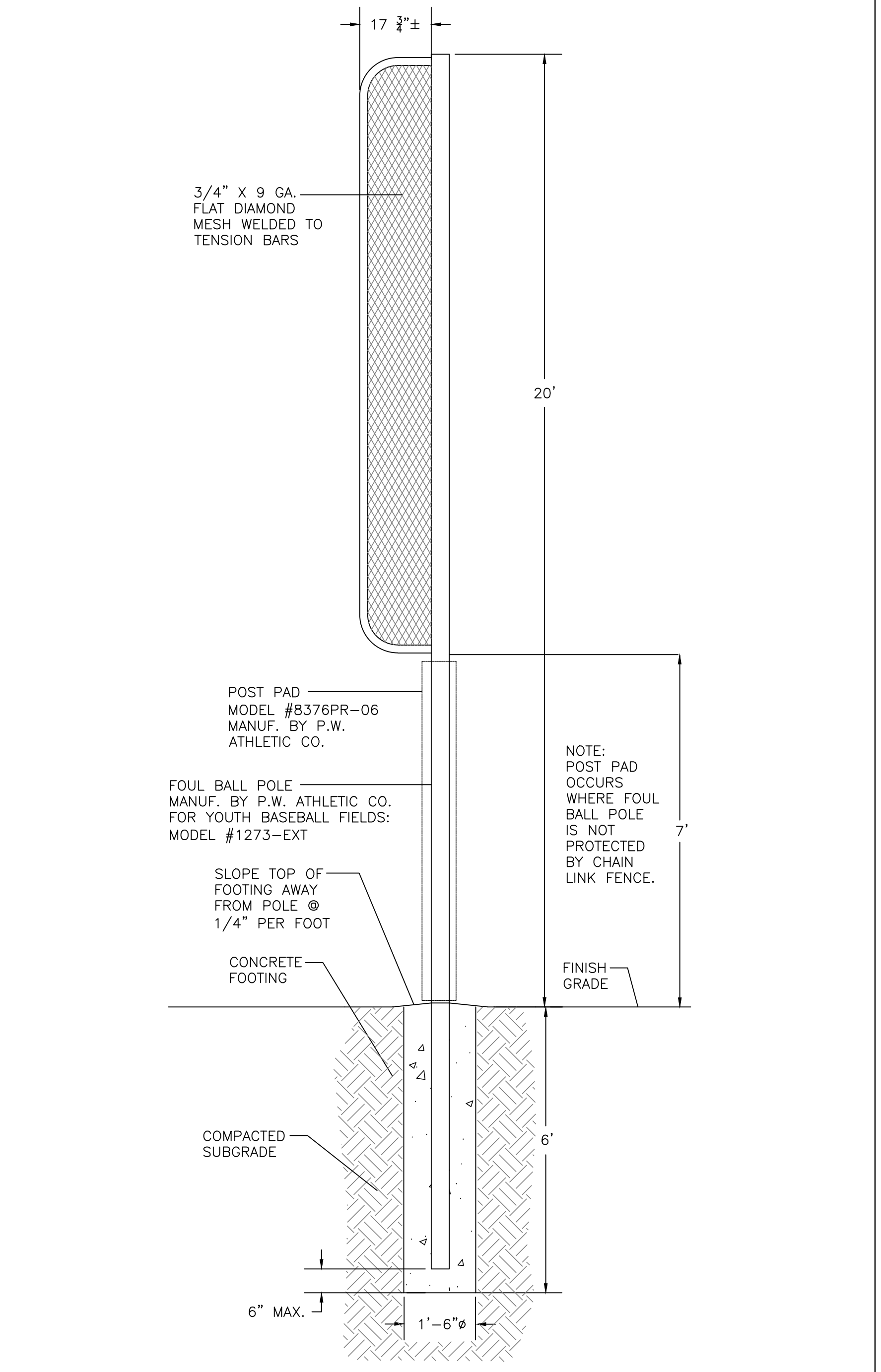
1 FLAG POLE SCALE: 1" = 1'-0"



- NOTES:
- MIRACLE FIELD "HOMER" STATUE IS MANUFACTURED BY LANDSCAPE STRUCTURES INC. AND IS DISTRIBUTED LOCALLY BY REC WEST (818) 735-3838.
 - HOMER STATUES DIMENSIONS: BASE PLATE 30"x30", HEIGHT 69" TALL, WIDTH 46", WEIGHT 1,100 LBS.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL MANUFACTURERS SHOP DRAWINGS AND SPECIFICATIONS REQUIRED TO ASSEMBLE AND INSTALL THE STATUE. INSTALL ANCHORS WITH EPOXY INTO 6" THICK CONCRETE PATIO AREA ON NEW MIRACLE FIELD CONCRETE PATIO DECK AS PER MANUFACTURER'S SPECIFICATIONS.
 - THE EXACT LOCATION OF THE HOMER STATUE WILL BE DETERMINED IN THE FIELD BY OWNER'S REPRESENTATIVE.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR PURCHASING THE STATUE, SHIPPING TO SITE, ASSEMBLING AND INSTALLING THE STATUE ON THE NEW CONCRETE PATIO. PROVIDE A LUMP SUM IN THE BID SCHEDULE ON BID ALTERNATE NO. 1 LINE TO COVER ALL COSTS TO INSTALL THE STATUE.

2 BID ALTERNATE NO. 1 - MIRACLE FIELD "HOMER" STATUE SCALE: N.T.S.

3 BID ALTERNATE NO. 2 - FOUL POLE SCALE: 1/2" = 1'-0"

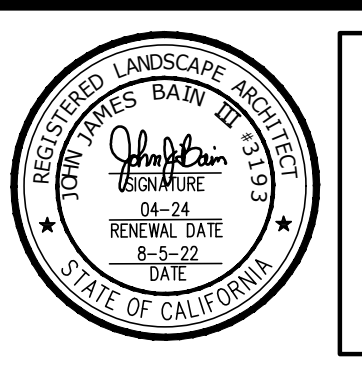


3 BID ALTERNATE NO. 2 - FOUL POLE SCALE: 1/2" = 1'-0"

4 STRUCTURAL NOTES

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UNDERGROUND SERVICE ALERT
 CALL BEFORE YOU DIG
 TOLL FREE 800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG



NO.	DATE	BY	DESCRIPTION

CIENT
MIRACLE LEAGUE OF THE 805
 2310 PONDEROSA DRIVE
 SUITE 21
 CAMARILLO, CALIFORNIA 93010

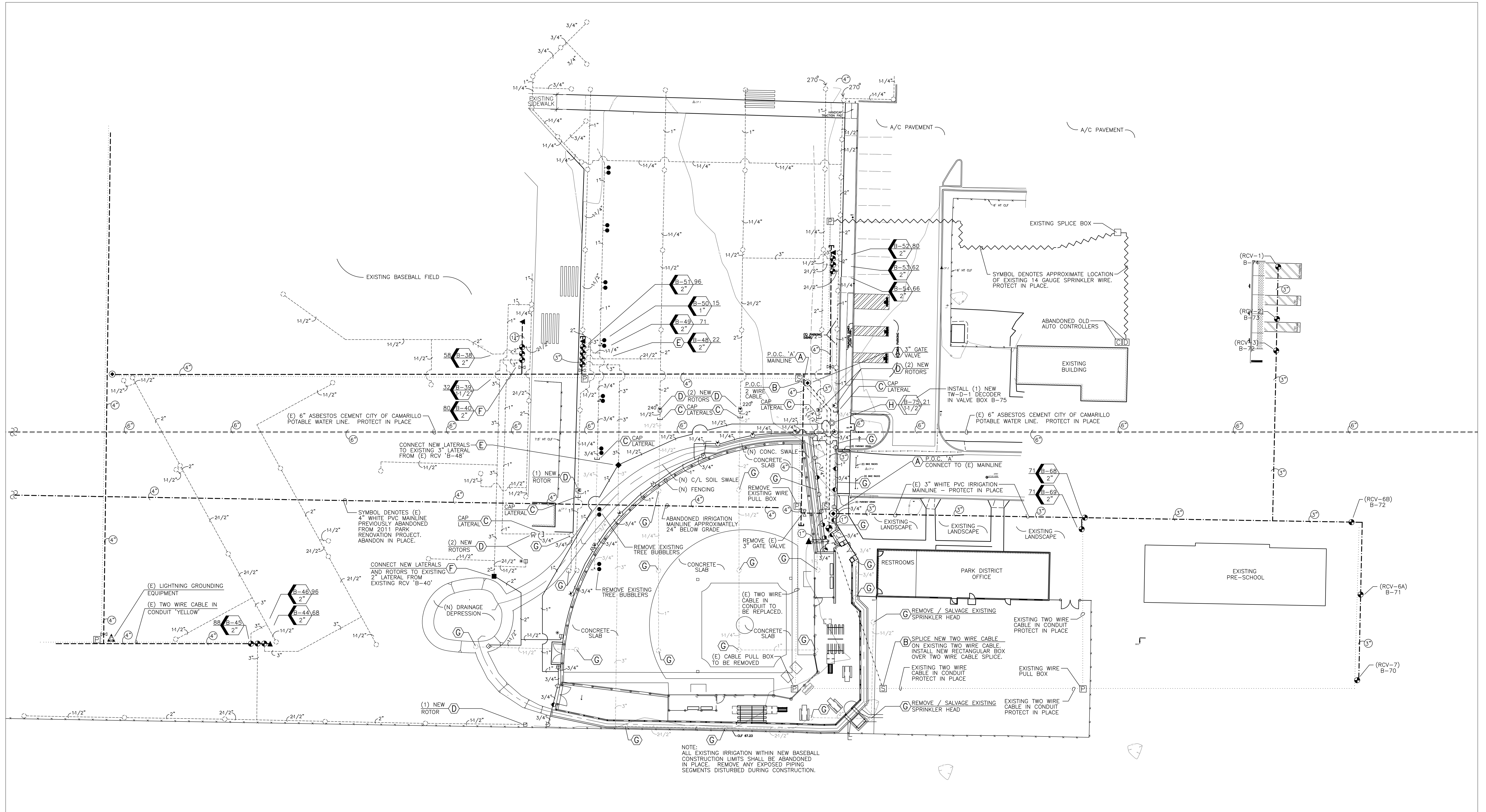
PROJECT:
MIRACLE LEAGUE BASEBALL FIELD
 FREEDOM PARK
 CAMARILLO, CA.

SHEET TITLE:
CONSTRUCTION DETAILS

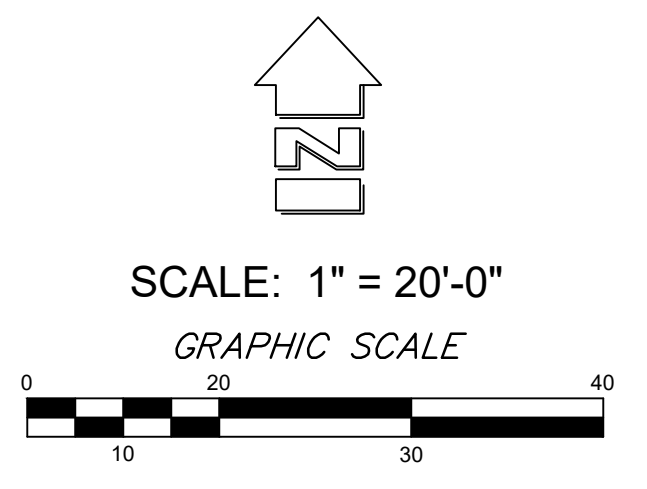
JORDAN, GILBERT & BAIN
 LANDSCAPE ARCHITECTS, INC.
 459 NORTH VENTURA AVE., VENTURA CA 93001
 (805) 642-3641 FAX (805) 653-7874
 Jordan, Gilbert & Bain Landscape Architects, Inc. © 2018

DRAWN: PJ
 CITY SUBMITTAL: 8-5-22
 BID DATE: 10-12-22
 CONSTRUCTION: 10-12-22

DRAWING
L3.7
 SHEET 10 OF 14
 PROJECT NO. 20.16



NOTE:
SEE SHEET L4.2 FOR IRRIGATION LEGEND AND NOTES.



THESE DRAWINGS, SPECIFICATIONS AND DESIGNS ARE INSTRUMENTS OF PROFESSIONAL SERVICES AND AS SUCH ARE THE PROPERTY OF JORDAN, GILBERT & BAIN LANDSCAPE ARCHITECTS, INC. REPRODUCTION OR OTHER USE NOT AUTHORIZED BY JORDAN, GILBERT & BAIN IS PROHIBITED WITHOUT WRITTEN APPROVAL.

<p>UNDERGROUND SERVICE ALERT CALL BEFORE YOU DIG TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG</p>		<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DATE	BY	DESCRIPTION													<p>CLIENT</p> <p>MIRACLE LEAGUE OF THE 805 2310 PONDEROSA DRIVE SUITE 21 CAMARILLO, CALIFORNIA 93010</p>	<p>PROJECT:</p> <p>MIRACLE LEAGUE BASEBALL FIELD FREEDOM PARK CAMARILLO, CA.</p>	<p>SHEET TITLE:</p> <p>IRRIGATION PLAN</p>	<p>JORDAN, GILBERT & BAIN LANDSCAPE ARCHITECTS, INC. 459 NORTH VENTURA AVE., VENTURA CA 93001 (805) 642-3641 FAX (805) 653-7874 Jordan, Gilbert & Bain Landscape Architects, Inc. © 2018</p>	<p>DRAWN: _____</p> <p>CITY SUBMITTAL: 8-5-22</p> <p>BID DATE: 10-12-22</p> <p>CONSTRUCTION: 10-12-22</p>	<p>DRAWING</p> <p>L4.1</p> <p>SHEET 11 OF 14 PROJECT No. 20.16</p>							
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NO.	DATE	BY	DESCRIPTION																												

IRRIGATION LEGEND

SYMBOL	DESCRIPTION	MANUFACTURER	MODEL / REMARKS	DETAIL NO.	SHEET NO.
=====	(E) ASBESTOS CEMENT PIPE	UNKNOWN	CITY OF CAMARILLO 6" ASBESTOS CEMENT POTABLE WATER LINE - PROTECT IN PLACE	NA	NA
-----	SLEEVING	PACIFIC PLASTICS	CLASS 200 PVC - 3 PIPE SIZES LARGER THAN THE PIPE TO BE SLEEVED - 24" BELOW GRADE	1,2,3	L4.3
-----	(E) WHITE PVC MAINLINE	UNKNOWN	3" CLASS 315 PVC - SOLVENT WELD - SHALLOW INSTALLATION - VERIFY EXACT DEPTH	NA	NA
-----	(E) PURPLE MAINLINE	PACIFIC PLASTICS	CLASS 200 PVC 'CYCLE FLOW' - PURPLE COLOR - GASKETED - 3" SIZE AND LARGER - 24" BELOW GRADE	NA	NA
-----	(E) PURPLE MAINLINE	PACIFIC PLASTICS	SCH. 40 PVC 'CYCLE FLOW' - PURPLE COLOR - 2-1/2" & SMALLER - SOLVENT WELD - 24" BELOW GRADE	NA	NA
-----	(E) PURPLE LATERAL	PACIFIC PLASTICS	SCH. 40 PVC 'CYCLE FLOW' - PURPLE COLOR - 3/4" & LARGER - SOLVENT WELD - 12" BELOW GRADE	NA	NA
-----	NEW PURPLE PVC MAINLINE	PACIFIC PLASTICS	CLASS 200 PVC 'CYCLE FLOW' - PURPLE COLOR - GASKETED - 3" SIZE AND LARGER - 24" BELOW GRADE	1,2,3,4,5,6	L4.3
-----	NEW PURPLE PVC MAINLINE	PACIFIC PLASTICS	SCH. 40 PVC 'CYCLE FLOW' - PURPLE COLOR - 2-1/2" & SMALLER - SOLVENT WELD - 24" BELOW GRADE	1,2,3,6	L4.3
-----	NEW PURPLE PVC LATERAL	PACIFIC PLASTICS	SCH. 40 PVC 'CYCLE FLOW' - PURPLE COLOR - 3/4" & LARGER - SOLVENT WELD - 12" BELOW GRADE	1,2,3	L4.3
-----	(E) TWO WIRE CABLE	RAIN MASTER	TW-CAB-14 - INSTALLED WITHIN A 1-1/2" SCH. 40 PVC ELECTRICAL CONDUIT 24" BELOW GRADE	NA	NA
-----	NEW TWO WIRE CABLE	RAIN MASTER	TW-CAB-14 - INSTALLED WITHIN A 1-1/2" SCH. 40 PVC ELECTRICAL CONDUIT 24" BELOW GRADE	1,11	L4.3
NO SYMBOL	(E) AUTO CONTROLLER LOCATION NOT ILLUSTRATED	RAIN MASTER / JOHN DEERE G.T.	SA6-RM2-TW/LPP/2YR/PMR-CAC/EMP-16/LHM4FG1-MEL-NO TOP OPENING STAINLESS STEEL ENCLOSURE, BUILT IN REMOTE CONTROL RECEIVER, INTERNET, QUICK PAD BASE	NA	NA
(E)	GATE VALVE - MAINLINE	LEEMCO	LMV-SB SERIES (SPIGOT X BELL) W/ OPERATING NUT - IN A STANDARD RECTANGULAR VALVE BOX - PURPLE LID	NA	NA
(E)	GATE VALVE - MAINLINE	LEEMCO	LMV-SB SERIES (SPIGOT X BELL) W/ OPERATING NUT - IN A STANDARD RECTANGULAR VALVE BOX - PURPLE LID	7	L4.3
(E)	SCH. 80 PVC BALL VALVE	SPEARS	TRU-UNION SERIES - LINE SIZE - INSTALLED IN VALVE BOX	8	L4.3
(E)	QUICK COUPLER	RAIN BIRD	44 NP - 1" SIZE - IN 6" PURPLE COLORED ROUND VALVE BOX	NA	NA
(E)	QUICK COUPLER	RAIN BIRD	44 NP - 1" SIZE - IN 10" PURPLE COLORED ROUND VALVE BOX	10	L4.3
(E)	REMOTE CONTROL VALVE	RAIN BIRD	GB-R SERIES - SIZES NOTED - IN A PURPLE COLORED JUMBO RECTANGULAR VALVE BOX	NA	NA
(E)	PRESSURE REGULATING R.C.V.	RAIN BIRD	GB-R-PRS-DIAL SERIES - SIZES NOTED - IN A PURPLE COLORED JUMBO RECTANGULAR VALVE BOX	9	L4.3
(E)	WIRE PULL/SPlice BOX	CARSON / EQ.	1324-15 (JUMBO) 16" WIDE X 25.5" LONG X 15" DEEP WITH PURPLE BODY WITH PURPLE LID	NA	NA
(E)	WIRE PULL/SPlice BOX	CARSON / EQ.	1324-15 (JUMBO) 16" WIDE X 25.5" LONG X 15" DEEP WITH PURPLE BODY WITH PURPLE LID	11	L4.3
(E)	2 WIRE CABLE GROUND ROD W/ LIGHTNING ARRESTOR	RAIN MASTER	MODEL TW-LA-1 LIGHTNING ARRESTOR WITH (1) 8'-0" COPPER CLAD GROUNDING ROD WITH CLAMP COVER ARRESTOR AND GROUNDING ROD WITH A JUMBO VALVE BOX - PROTECT IN PLACE	NA	NA

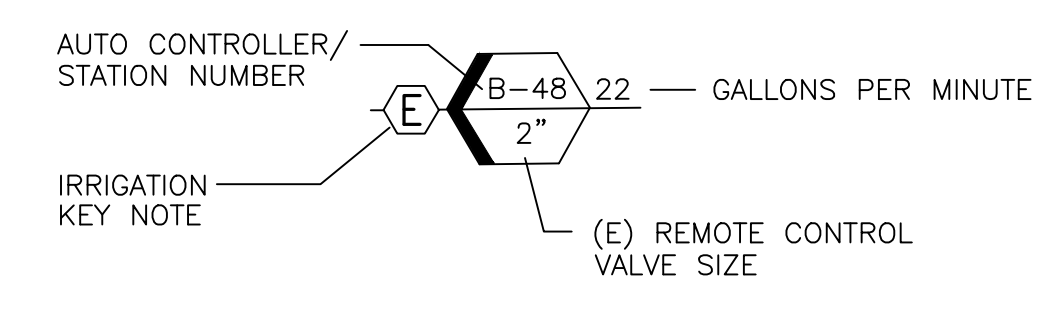
PROJECT KEY NOTES

SYMBOL	DESCRIPTION
(A)	IRRIGATION POINT OF CONNECTION: EXCAVATE AND EXPOSE THE EXISTING 4" PURPLE COLORED PVC IRRIGATION MAINLINE THAT SUPPLIES WATER TO THE EXISTING ORIGINAL 3" WHITE COLORED PVC MAINLINE INSTALLED ON THE NORTH SIDE OF THE EXISTING PARK DISTRICT BUILDING. CUT EXISTING 4" PURPLE PVC MAINLINE AND INSTALL A LEEMCO 45 DEGREE SELF RESTRAINING DUCTILE IRON FITTING. INSTALL A LEEMCO 4"x3" DUCTILE IRON REDUCER COUPLER ON DISCHARGE SIDE OF 4" 45 DEGREE FITTING. TRENCH AND INSTALL NEW PURPLE COLORED 3" CLASS 315 PVC MAINLINE FROM REDUCER FITTING TO THE PROPOSED LOCATION FOR A NEW 3" LEEMCO SELF RESTRAINING DUCTILE IRON GATE VALVE AS PER IRRIGATION PLAN. INSTALL 3" GATE IN A VALVE BOX AS PER GATE VALVE DETAIL. TRENCH AND INSTALL 3" CLASS 315 PVC MAINLINE FROM DISCHARGE SIDE OF 3" GATE VALVE TO INTERSECTION OF THE ORIGINAL 3" WHITE COLORED PVC MAINLINE AT LOCATION ILLUSTRATED ON PLANS. INSTALL A 3" DUCTILE IRON SELF RESTRAINING ELBOW AND CONNECT NEW 3" PURPLE PVC MAINLINE TO EXISTING 3" WHITE PVC MAINLINE TO RE-ESTABLISH A WATER SUPPLY TO EXISTING REMOTE CONTROL VALVES "B-69" THROUGH "B-74".
(B)	TWO WIRE CABLE POINT OF CONNECTION: EXCAVATE AND EXPOSE THE EXISTING 1-1/2" SCH. 40 PVC ELECTRICAL CONDUIT HOUSING A RAIN MASTER MODEL TW-CAB-14 BLUE JACKETED TWO WIRE REMOTE CONTROL VALVE COMMUNICATION CABLE. AT IRRIGATION POINT OF CONNECTION, EXCAVATE AND EXPOSE AN APPROXIMATE 6'-0" LENGTH OF EXISTING 1-1/2" SCH. 40 PVC TWO WIRE CABLE CONDUIT. CUT CONDUIT INCLUDING CABLE AT THE 6'-0" LIMIT OF EXPOSED CONDUIT. CAREFULLY CUT THE EXPOSED SCH. 40 PVC CONDUIT ONLY APPROXIMATELY 4'-0" FROM THE END OF THE CONDUIT CUT. REMOVE SEVERED CONDUIT HOUSING EXPOSING AT LEAST 4'-0" OF EXISTING TWO WIRE CABLE. SALVAGE THE NOW EXPOSED 4'-0" LONG SEGMENT OF TWO WIRE CABLE. COIL TWO WIRE CABLE AND INSTALL A NEW CABLE SPLICE BOX OVER THE BUNDLED TWO WIRE CABLE. THE SEVERED END OF THE EXISTING TWO WIRE CABLE WILL NOW BE THE POINT OF CONNECTION FOR THE NEW TWO WIRE CABLE RUN. TRENCH AND INSTALL NEW SCH. 40 PVC ELECTRICAL CONDUIT TO A DEPTH OF 18" BELOW FINISH GRADE. INSTALL 1-1/2" SCH. 40 PVC SWEEP ELBOWS INTO AND OUT OF ALL VALVE WIRE PULL AND / OR SPLICE BOXES. SPLICE NEW RAIN MASTER TWO WIRE CABLE WITH BLUE COLORED OUTER JACKET, MODEL TW-CAB-14, TO SEVERED ENDS OF THE EXISTING TWO WIRE CABLE WITHIN SPLICE BOX USING 3M MODEL DBR-YE WATER PROOF WIRE CONNECTORS AND AS PER RAIN MASTER SPECIFICATIONS. PULL NEW TWO WIRE CABLE THROUGH CONDUIT TO INTERSECT THE EXISTING TWO WIRE CABLE LOCATED ON THE WEST SIDE OF THE EXISTING CHAIN LINK FENCING. EXCAVATE AND EXPOSE THE EXISTING 1-1/2" SCH. 40 PVC ELECTRICAL CONDUIT HOUSING EXISTING RAIN MASTER TW-14-CAB TWO WIRE CABLE. CUT CONDUIT AND CABLE AT THIS LOCATION. REPEAT PREVIOUS CONDUIT CUTTING AND WIRE SALVAGING OPERATIONS DESCRIBING EARLIER AT TWO WIRE CABLE POINT OF CONNECTION. INSTALL A NEW WIRE SPLICE BOX OVER THE COMPLETED SPICED TWO WIRE CABLE CONNECTION. HEAT STAMP ALL SPLICE BOX VALVE BOX LIDS WITH THE LETTERS 'SB'.
(C)	EXCAVATE, EXPOSE, CUT AND CAP EXISTING IRRIGATION PVC LATERALS TO SEWER WATER SUPPLY TO THE NEW ARTIFICIAL BASEBALL FIELD. FIELD VERIFY THE EXACT LAYOUT OF THE EXISTING TURF ROTOR SYSTEMS OPERATING ON SITE. EXCAVATE AND EXPOSE THE EXISTING PVC IRRIGATION LATERAL PIPING DOWNSTREAM OF THE LAST IRRIGATION HEAD IDENTIFIED ON THE IRRIGATION PLAN AS TO REMAIN IN OPERATION. CUT THE EXISTING PVC LATERAL PIPING AND REMOVE A SEGMENT LARGE ENOUGH TO ALLOW FOR A LINE SIZED SCH. 40 PVC SLIP CAP TO BE SOLVENT WELD ONTO THE EXISTING LATERAL PIPE PREVENTING ANY WATER FROM BEING DISCHARGED UNDER THE NEW ARTIFICIAL BASEBALL FIELD.
(D)	REMOVE AND SALVAGE THE EXISTING TURF ROTOR - REPLACE WITH NEW POP UP TURF ROTOR WITH NEW NOZZLE AND PER LEGEND. FIELD VERIFY THE EXACT LOCATION OF THE EXISTING TURF ROTOR IDENTIFIED ON THE PLAN. EXCAVATE AROUND THE EXISTING TURF ROTOR AND REMOVE IT FROM EXISTING SWING JOINT. INSPECT EXISTING SWING JOINT TO ENSURE THAT THE PIPING AND FITTINGS ARE NOT DAMAGED OR LEAKING. INSTALL A NEW TURF ROTOR ON EXISTING SWING JOINT AND SET HEAD TO BE 1" ABOVE FINISH GRADE. INSTALL NEW NOZZLE AS PER IRRIGATION LEGEND. ADJUST ARC PATTERN TO CONFORM TO NEW ORIENTATION ENSURING THAT THE IRRIGATION WATER DISCHARGED FROM THE ROTOR NOZZLE DOES NOT COME IN CONTACT WITH THE ARTIFICIAL FIELD SURFACE, ANY ADJACENT FENCING, OR PAVED PEDESTRIAN SURFACES. RETURN ALL SALVAGED EXISTING TURF ROTORS TO THE PVRPD REPRESENTATIVE FOR FUTURE MAINTENANCE USE.
(E)	USE EXISTING 3" SCH. 40 PVC LATERAL LINE ORIGINATING FROM EXISTING 2" REMOTE CONTROL VALVE "B-48" FOR POP UP SPRAY HEADS. EXCAVATE AND EXPOSE THE EXISTING 3" SCH. 40 PURPLE PVC LATERAL ORIGINATING FROM EXISTING 2" REMOTE CONTROL VALVE "B-48" ON THE NORTH SIDE OF THE NEW BASEBALL FIELD HOME RUN FENCING. CUT THE EXISTING 3" PVC LATERAL AND USE IT AS A WATER SOURCE FOR THE NEW TURF SPRAY HEADS LOCATED ON THE EAST AND SOUTH SIDES OF THE NEW BASEBALL FIELD. TRENCH AND INSTALL A NEW 1-1/2" PURPLE COLORED SCH. 40 PVC LATERAL PIPING AS A SOURCE PIPE TO SUPPLY NEW POP UP TURF SPRAY HEADS ON EAST SIDE OF PROJECT. TRENCH AND INSTALL A NEW 1" PURPLE SCH. 40 PVC LATERAL FOR POP UP SPRAY HEADS ON SOUTH SIDE OF PROJECT. INSTALL NEW PURPLE COLORED SCH. 40 PVC LATERALS AND NEW POP UP SPRAY HEADS AS PER IRRIGATION PLAN TO ACHIEVE HEAD TO HEAD COVERAGE.
(F)	USE EXISTING SCH. 40 PVC LATERAL PIPING ORIGINATING FROM EXISTING REMOTE CONTROL VALVE "B-40" TO INSTALL NEW ROTORS. EXCAVATE AND EXPOSE THE EXISTING PURPLE COLORED 2" SCH. 40 PVC LATERAL PIPE ORIGINATING FROM EXISTING 2" REMOTE CONTROL VALVE "B-40". THE EXISTING PIPE SHALL BE SEVERED AS A RESULT OF NEW GRADING OPERATIONS. CUT EXISTING 2" SCH. 40 PVC LATERAL AND USE IT FOR A WATER SOURCE TO INSTALL (2) NEW RAIN BIRD 8005 SERIES POP UP TURF ROTORS INSTALLED AT LOCATIONS AS PER IRRIGATION PLAN. INSTALL NEW TURF ROTORS WITH NOZZLES AS PER IRRIGATION PLAN. ADJUST ARC PATTERN TO PREVENT IRRIGATION WATER FROM CONTACTING THE NEW CHAIN LINK HOME RUN FENCING OR ARTIFICIAL FIELD SURFACE.
(G)	REMOVE AND SALVAGE EXISTING TURF ROTORS PRIOR TO GRADING OPERATIONS BEGINNING AND DELIVER TO THE PVRPD REPRESENTATIVE. OPERATE THE EXISTING IRRIGATION SYSTEM WITHIN THE SCOPE OF WORK WITH THE PVRPD REPRESENTATIVE PRIOR TO BEGINNING ANY GRADING OPERATIONS. USE MARKING FLAGS TO FIELD VERIFY THE EXACT LOCATIONS OF THE SPRINKLER HEADS IDENTIFIED ON THE PLAN TO BE REMOVED AND SALVAGED. EXCAVATE AND REMOVE THESE SPRINKLER HEADS AND RETURN THEM TO THE PVRPD REPRESENTATIVE FOR FUTURE MAINTENANCE PURPOSES.
(H)	INSTALL NEW 1-1/2" REMOTE CONTROL VALVE ON NEW MAINLINE SEGMENT TO SUPPLY NEW TURF ROTORS INSTALLED AROUND FENCING ARC. INSTALL A NEW 1-1/2" REMOTE CONTROL VALVE ON NEW 3" PVC MAINLINE SEGMENT AT APPROXIMATELY THE LOCATION SHOWN ON THE IRRIGATION PLAN. INSTALL NEW TWO WIRE CABLE INTO AND OUT OF NEW REMOTE CONTROL VALVE BOX WITH SWEEP ELBOWS INTO AND OUT OF THE VALVE BOX. PURCHASE AND INSTALL (1) NEW RAIN MASTER SINGLE STATION DECODER, MODEL "TW-D-1", AND MOUNT ON THE INSIDE WALL OF VALVE BOX WITH SCREWS. PROGRAM DECODER AS REMOTE CONTROL VALVE "B-68". SPLICE NEW TWO WIRE CABLE SEGMENT TO DECODER AS WELL AS TO REMOTE CONTROL VALVE SOLENOID WIRES USING 3M MODEL DBR-YE WATER PROOF WIRE SPLICES. TRENCH AND INSTALL NEW SCH. 40 PVC LATERALS WITH POP UP TURF ROTORS ALONG THE OUTER CIRCUMFERENCE OF THE NEW IMPROVEMENTS ALONG THE NORTH SIDE OF THE NEW BASEBALL FIELD HOME RUN FENCING AND CONCRETE DRAINAGE SWALE.

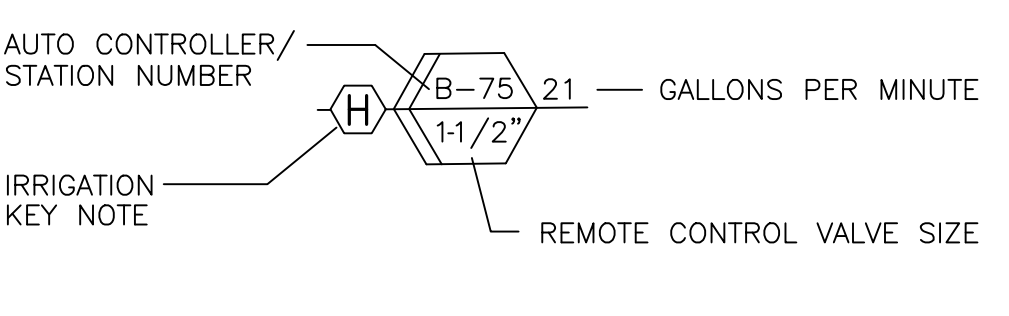
PROJECT NOTES

- THE CONTRACTOR SHALL FIELD VERIFY EXISTING STATIC WATER PRESSURE AND NOTIFY THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING ANY WORK.
- THE CONTRACTOR SHALL CONTACT DIG ALERT AT 1-800-227-2600 TO IDENTIFY AND LOCATE ALL ON SITE UTILITIES PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL COORDINATE WITH THE PLEASANT VALLEY RECREATION AND PARKS REPRESENTATIVE AND REVIEW THE EXISTING SITE PRIOR TO BEGINNING WORK TO AVOID CONFLICTS WITH NEW CONSTRUCTION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY TRENCH SETTLING OR IRRIGATION HEAD SETTLING. ALL TRENCHES WILL BE BACK FILLED WITH CLEAN SOIL, COMPACTED AND SEEDED WITH SEED MIX AS PER SPECIFICATIONS. ALL HEADS THAT SETTLE WILL BE RAISED TO 1/2" ABOVE FINISH GRADE. PROVIDE ADDITIONAL SOIL AS NECESSARY AND HAND TAMP AROUND HEAD TO PREVENT FUTURE SETTLING. PROVIDE NEW SEED OR PLANTS AS NEEDED FOR REPAIR.
- THE CONTRACTOR SHALL SLEEVE ALL PVC IRRIGATION PIPES AND WIRES INSTALLED UNDER PAVING. WIRES SHALL BE ENCLOSED IN SCH. 40 PVC ELECTRICAL SLEEVES SIZED AS PER PLAN. MAINLINE SLEEVES SHALL BE SIZED AS PER PLAN. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- THE IRRIGATION SYSTEM IS SHOWN DIAGRAMMATICALLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN LANDSCAPE PLANTERS WHENEVER POSSIBLE.
- INSTALL FACTORY INSTALLED CHECK VALVES ON ALL SPRINKLER POP UP BODIES WITH RAIN BIRD "SAM-PRS" OR "SAM" BUILT IN CHECK VALVES TO PREVENT LOW HEAD DRAINAGE ON THE NEW IRRIGATION SYSTEM. REFER TO IRRIGATION LEGEND TO IDENTIFY POP UP BODY REQUIRED FOR EACH TYPE OF SPRINKLER NOZZLE INSTALLED ON THIS PROJECT.
- BRAND INTO THE REMOTE CONTROL VALVE BOX LIDS THE NEW VALVE STATION NUMBER FROM (E) AUTO CONTROLLER "B". PROVIDE CHRISTY STANDARD SIZE I.D. TAGS CONNECTED TO EACH VALVE SOLENOID WITH NEW STATION NUMBER.
- THE CONTRACTOR SHALL INSTALL RAIN MASTER TWO WIRE CABLE, MODEL TW-CAB-14, OR EQUAL, FROM THE AUTO CONTROLLER LOCATIONS TO ALL NEW REMOTE CONTROL VALVES AS PER PLAN. THE TWO WIRE CABLE SHALL BE ENCLOSED IN A 1-1/2" SCH. 40 PVC ELECTRICAL CONDUIT FURNISHED WITH SWEEP ELBOWS INTO AND OUT OF ALL VALVE BOXES. THE CONDUIT SHALL BE 24" BELOW FINISH GRADE. ALONG THE TWO WIRE CABLE RUN, INSTALL WIRE PULL BOXES AT ALL CHANGES IN DIRECTION AND AT INTERVALS AS PER PLAN. INSTALL LIGHTNING ARRESTORS WITH 8'-0" COPPER CLAD GROUNDING RODS AND CLAMPS ALONG THE TWO WIRE CABLE RUN AT LOCATIONS ILLUSTRATED ON PLANS. ALL WIRE SPLICES AND CABLE INSTALLATION SHALL CONFORM TO RAIN MASTER SPECIFICATIONS.
- THE CONTRACTOR SHALL INSTALL ALL VALVE BOX SIZES AS PER PLANS AND SPECIFICATIONS.
- CONTRACTOR SHALL USE ONLY SCH. 80 PVC NIPPLES AND T.O.E. NIPPLES AS NEEDED FOR ALL THREADED VALVE ASSEMBLIES. NO SCH. 40 PVC MALE ADAPTERS WILL BE USED FOR ANY THREADED ASSEMBLY.
- CONTRACTOR SHALL INSTALL RAIN MASTER DECODERS, MODEL TW-D-1 FOR SINGLE RCV OPERATION, MODEL TW-D-2 TO CONTROL (2) SEPARATE RCV'S, OR MODEL TW-D-4, TO CONTROL (4) REMOTE CONTROL VALVES. INSIDE THE FIRST REMOTE CONTROL VALVE BOX OF THE MANIFOLD, ATTACH THE DECODER TO THE SIDE OF THE VALVE BOX WITH STAINLESS STEEL SCREWS. EXTEND 14 GAUGE WIRE SEGMENTS IN A CONDUIT FROM THE DECODER TO EACH REMOTE CONTROL VALVE IN THE MANIFOLD AND CONNECT TO THE REMOTE CONTROL VALVE SOLENOID WITH APPROVED WATER TIGHT WIRE CONNECTORS. CONNECT THE DECODER TO THE TWO WIRE CABLE WITH APPROVED WATER TIGHT WIRE CONNECTORS. SEE NOTES ON PLAN TO DETERMINE EXACT QUANTITY AND DECODER MODEL NUMBERS REQUIRED FOR THIS PROJECT.
- IF REQUIRED, THE CONTRACTOR SHALL REPLACE SPRINKLER HEAD NOZZLES AS REQUESTED BY THE LANDSCAPE ARCHITECT IN THE FIELD IN ORDER TO IMPROVE IRRIGATION COVERAGE OR EFFICIENCY. THESE MODIFICATIONS WILL BE PART OF THE BASE BID.
- THE IRRIGATION SYSTEM HAS BEEN DESIGNED TO DISCHARGE A MAXIMUM FLOW OF 250 GPM. THE CONTRACTOR SHALL ESTABLISH A PROGRAM THAT ALLOWS A MINIMUM OF 3 REMOTE CONTROL VALVES TO OPERATE SIMULTANEOUSLY WITHOUT EXCEEDING A MAXIMUM FLOW OF 250 GALLONS PER MINUTE. COORDINATE WITH THE PLEASANT VALLEY PARKS DISTRICT REPRESENTATIVE TO DEVELOP A SPECIFIC IRRIGATION PROGRAM START TIME AND RUN TIME FOR EACH SPRINKLER VALVE THAT WILL BE OPERATED TO GERMINATE HYDRO-SEED TURF.
- IRRIGATION MAINLINE PIPING, SIZED 3" AND LARGER SHALL BE CLASS 200 GASKETED PIPING, PURPLE IN COLOR, WITH LEEMCO SELF-RESTRAINING MAINLINE FITTINGS. IRRIGATION MAINLINE PIPING 2-1/2" SIZE OR LESS SHALL BE SCH. 40 PVC PURPLE PIPING WITH SCH. 80 PVC SOLVENT WELD MAINLINE FITTINGS. (TYPICAL)

EXISTING REMOTE CONTROL VALVE KEY

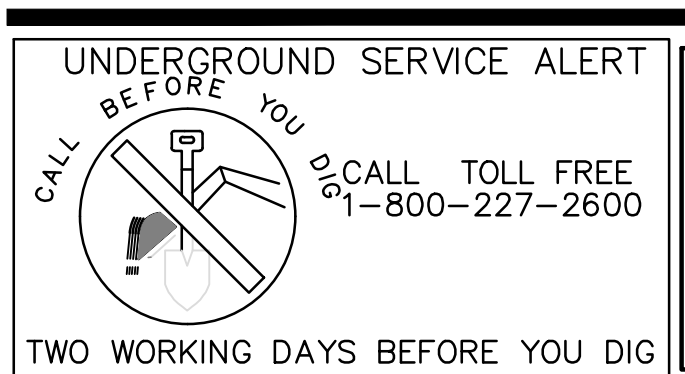


NEW REMOTE CONTROL VALVE KEY



IRRIGATION SLEEVING SCHEDULE

ALL SLEEVES TO BE INSTALLED 24" BELOW GRADE	
MAINLINE OR LATERAL PIPE SIZE	SLEEVE SIZE REQUIRED
3/4" SCH. 40 PVC	2" SCH. 40 PVC
1" SCH. 40 PVC	2" SCH. 40 PVC
1 1/4" SCH. 40 PVC	2 1/2" SCH. 40 PVC
1 1/2" SCH. 40 PVC	3" CLASS 200 PVC
2" CLASS 315 / SCH. 40 PVC	4" CLASS 200 PVC
2 1/2" CLASS 315 / SCH. 40 PVC	4" CLASS 200 PVC
3" CLASS 315 / SCH. 40 PVC	6" CLASS 200 PVC



REVISIONS			
NO.	DATE	BY	DESCRIPTION

CLIENT
MIRACLE LEAGUE OF THE 805
2310 PONDEROSA DRIVE
SUITE 21
CAMARILLO, CALIFORNIA 93010

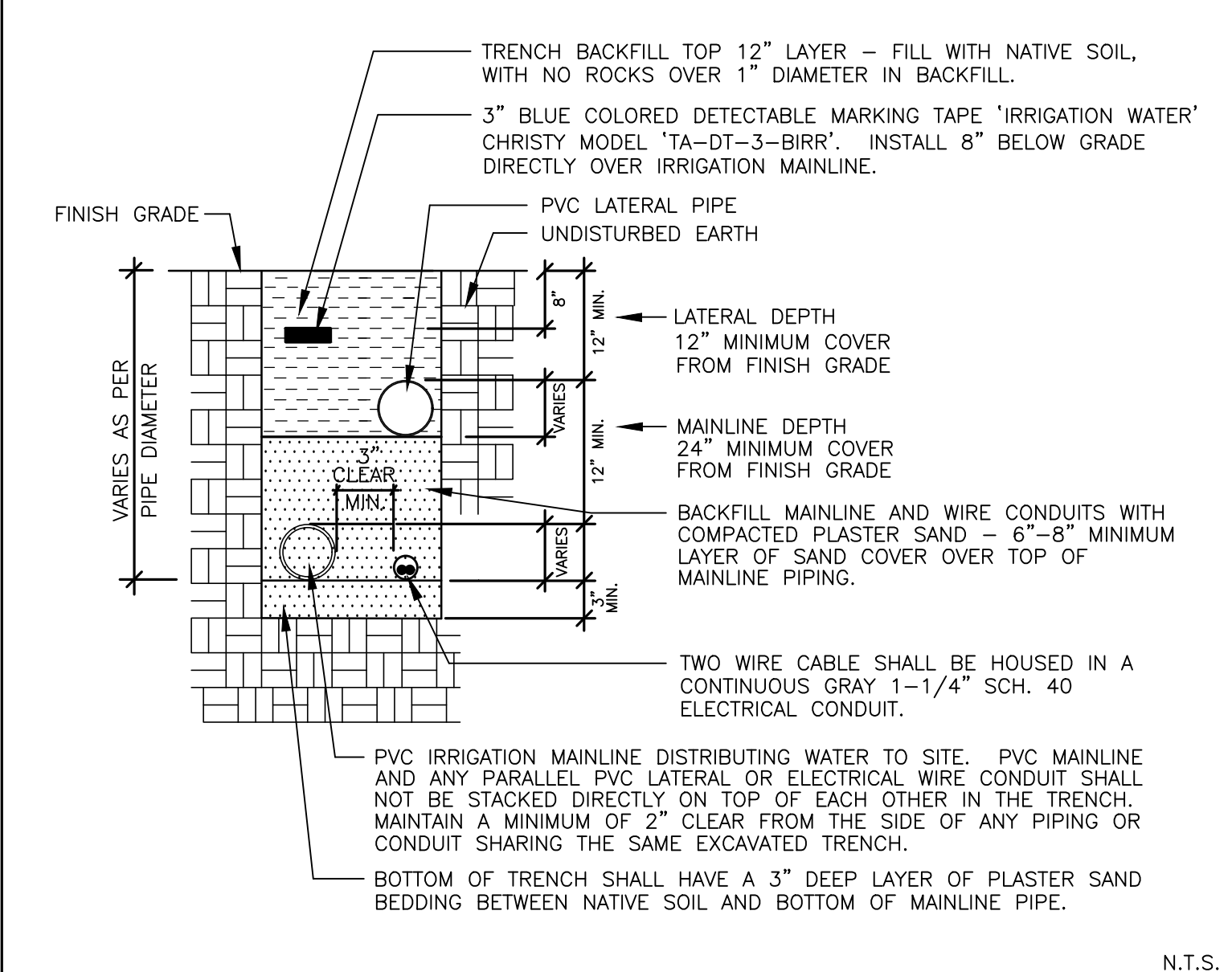
PROJECT:
MIRACLE LEAGUE BASEBALL FIELD
FREEDOM PARK
CAMARILLO, CA.

SHEET TITLE:
IRRIGATION LEGEND & NOTES

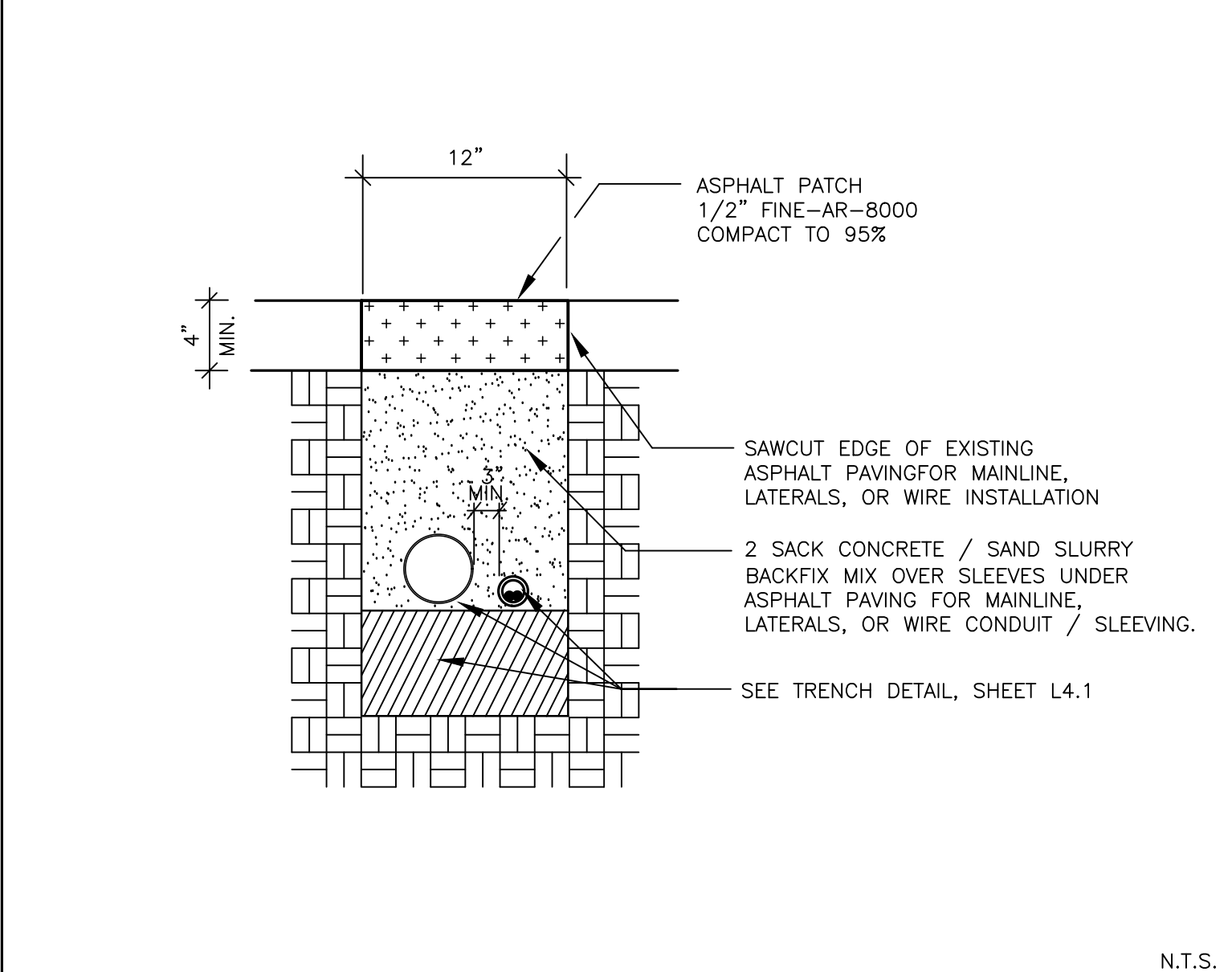
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LANDSCAPE ARCHITECTS, INC.
459 NORTH VENTURA AVE., VENTURA CA 93001
(805) 642-3641 FAX (805) 653-7874
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DRAWING NO. 14.2
DRAWING DATE: 10-12-22
CONSTRUCTION: 10-12-22
SHEET 12 OF 14
PROJECT NO. 20.16

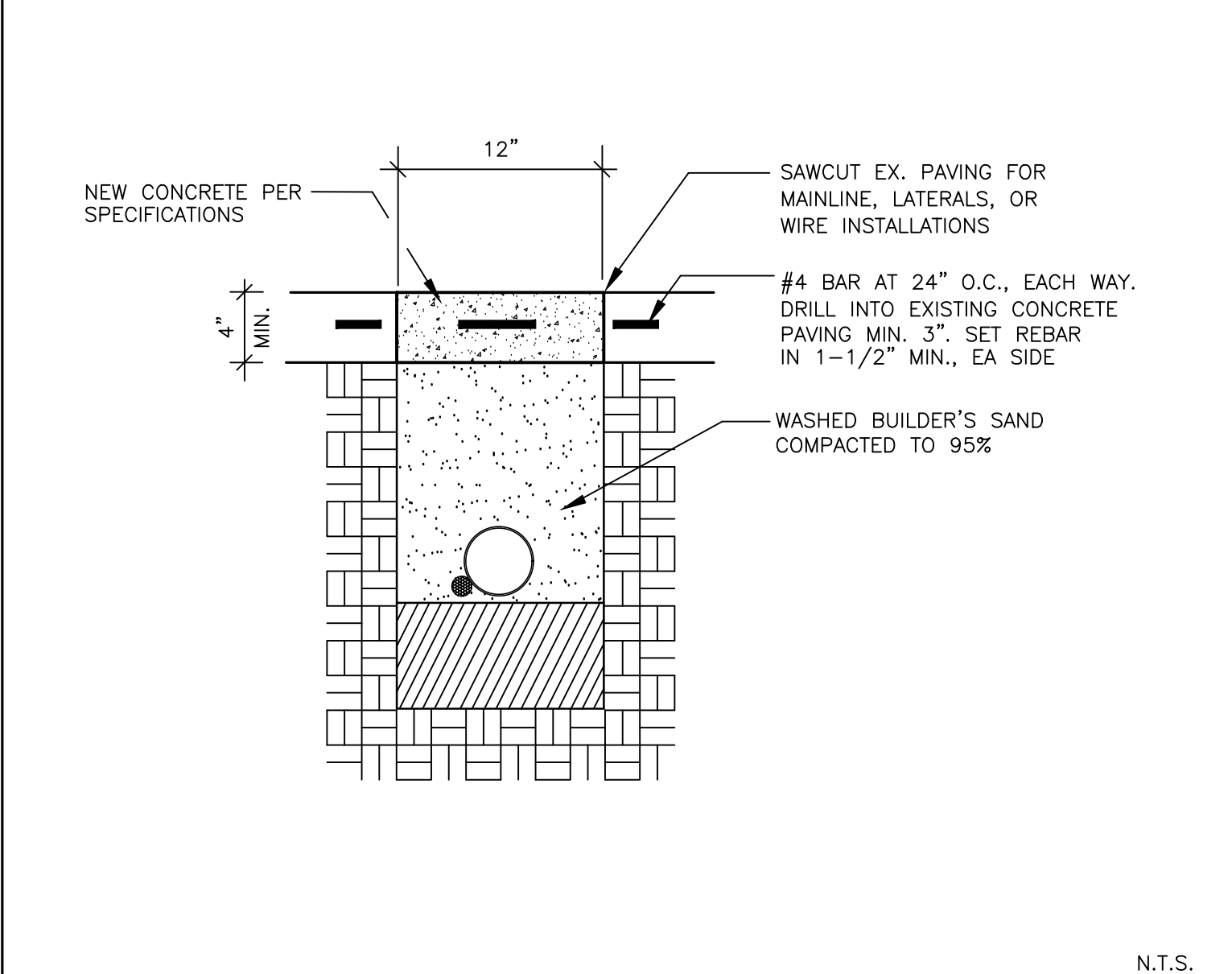
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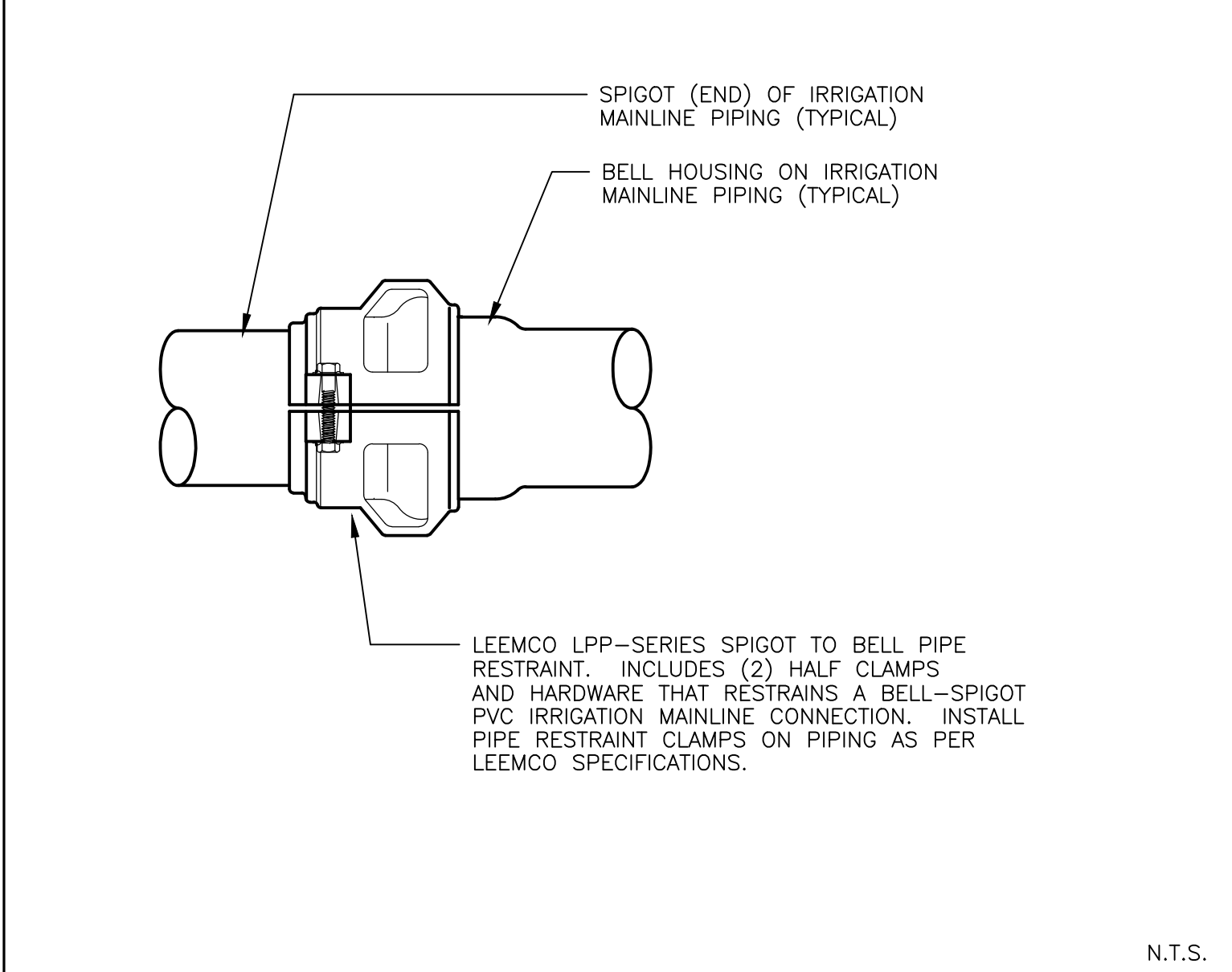
1 IRRIGATION PIPE AND CONDUIT TRENCH SECTION N.T.S.



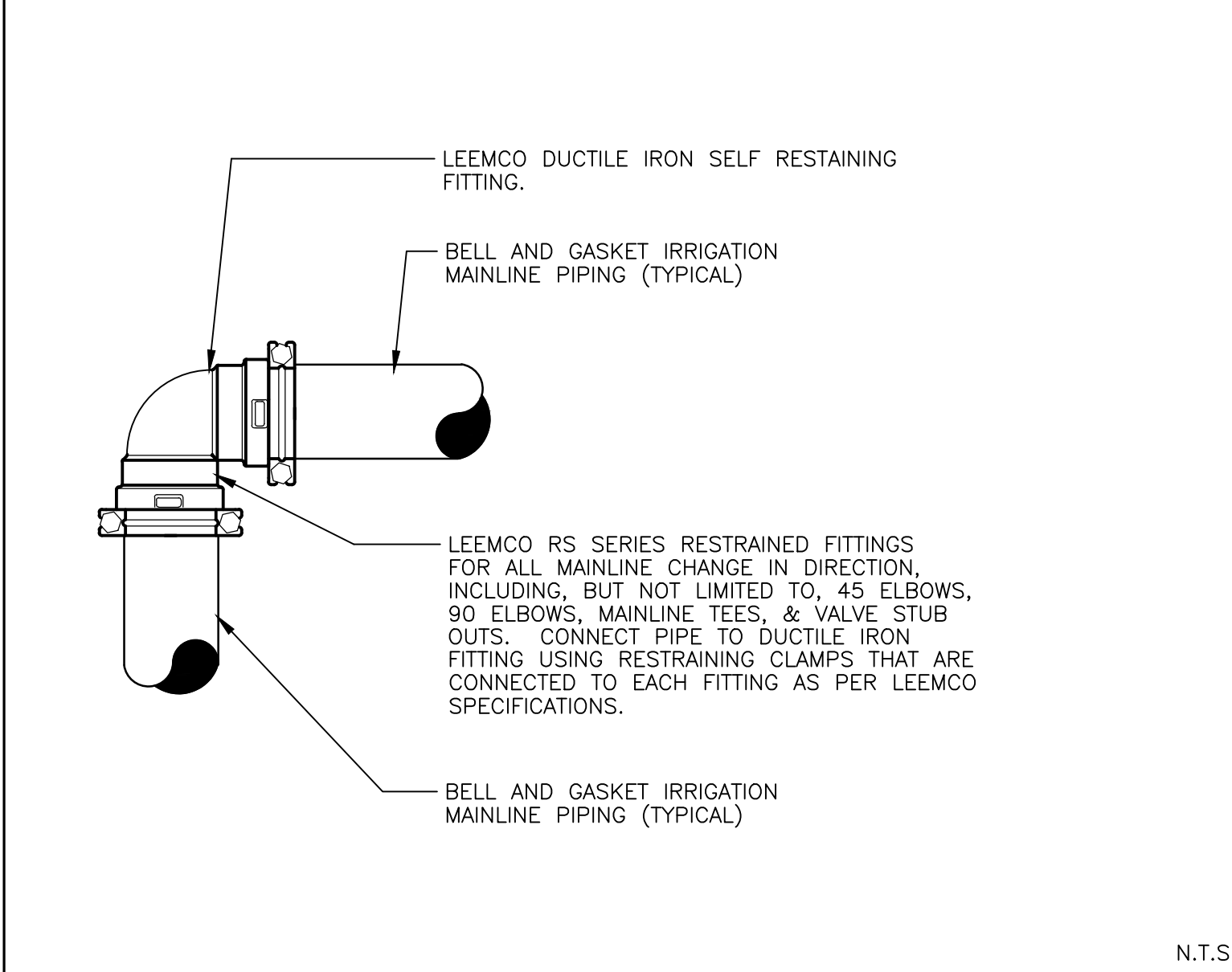
2 TRENCH WITH ASPHALT CUT N.T.S.



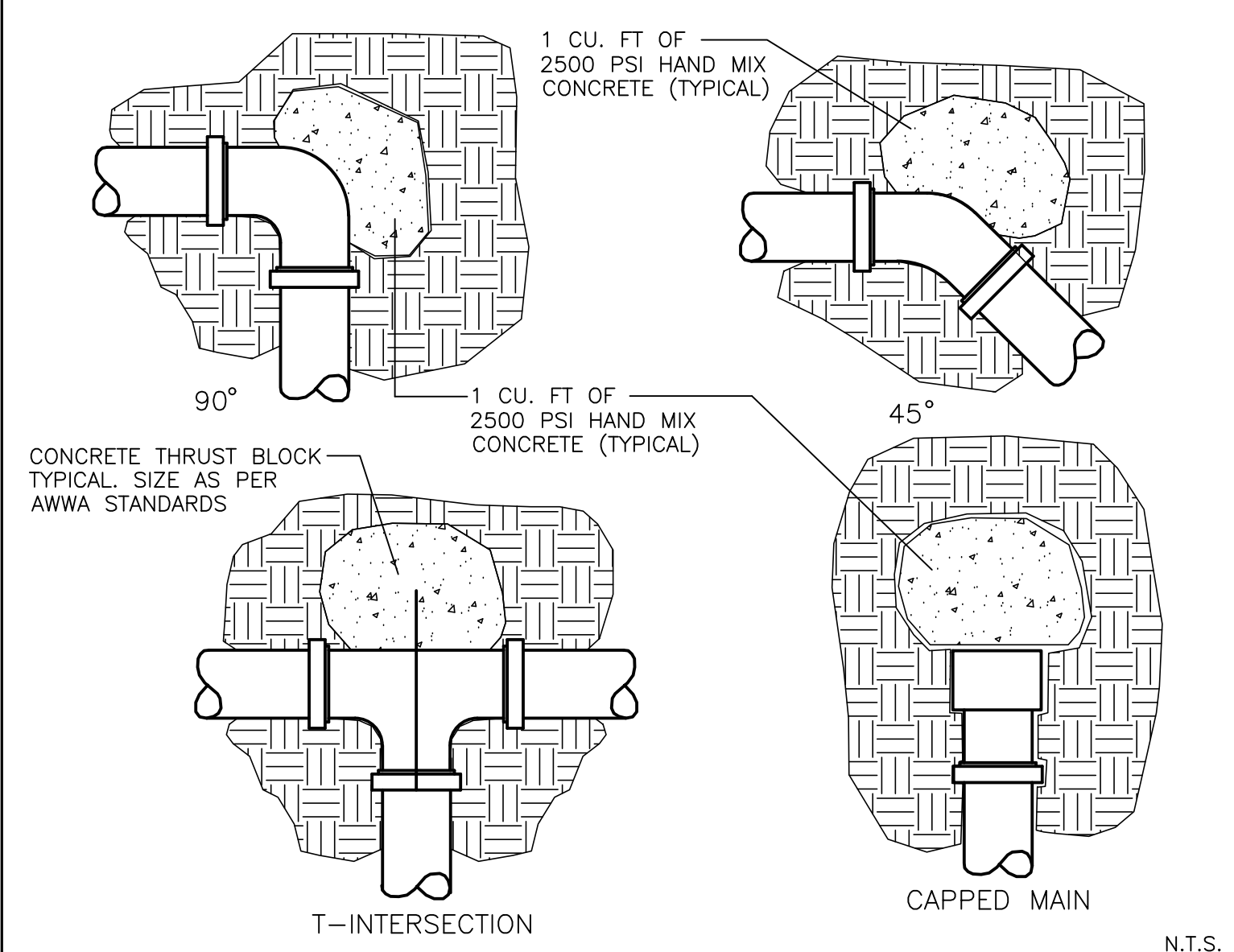
3 TRENCH WITH CONCRETE SIDEWALK CUT N.T.S.



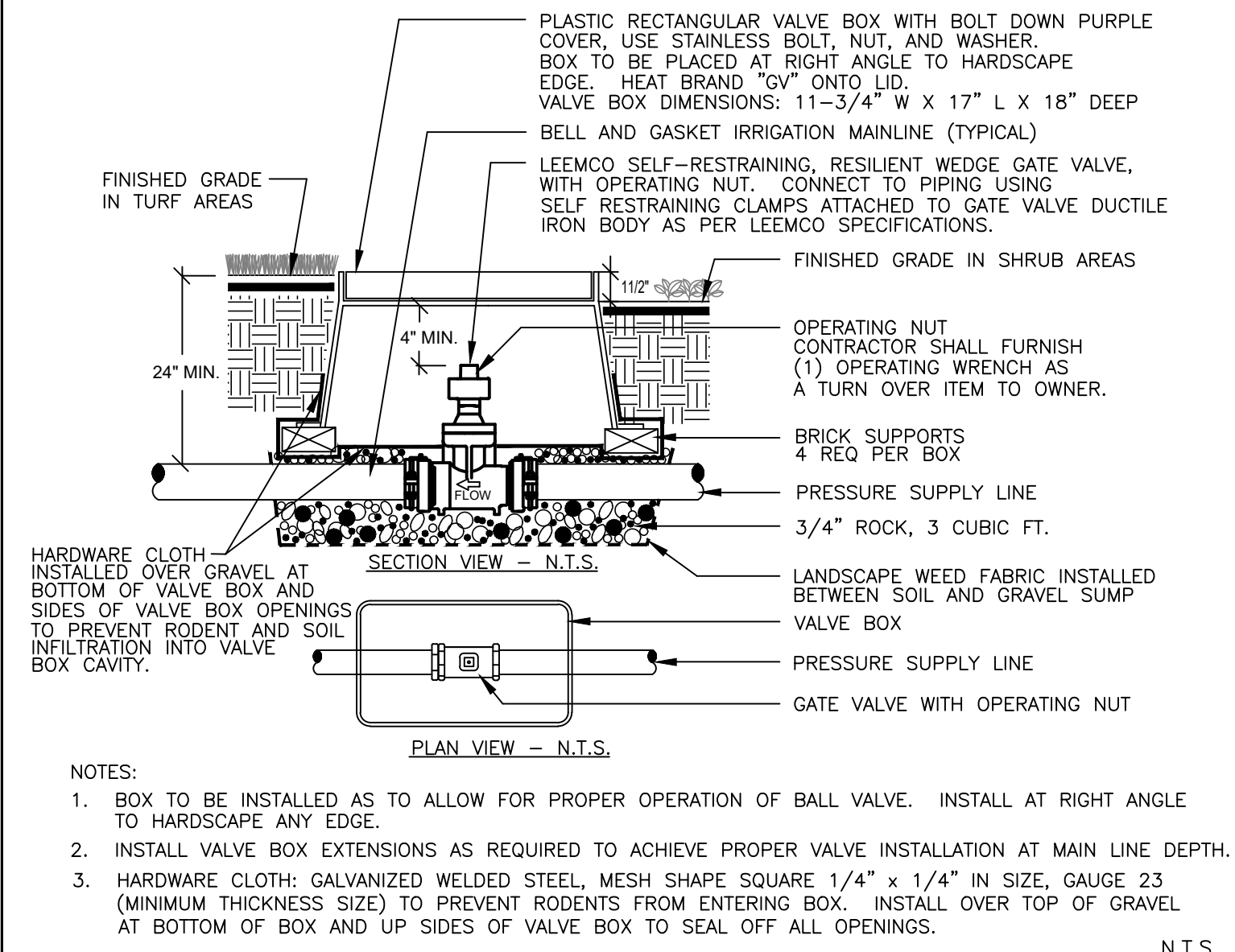
4 LEEMCO SPIGOT TO BELL PIPE JOINT RESTRAINT N.T.S.



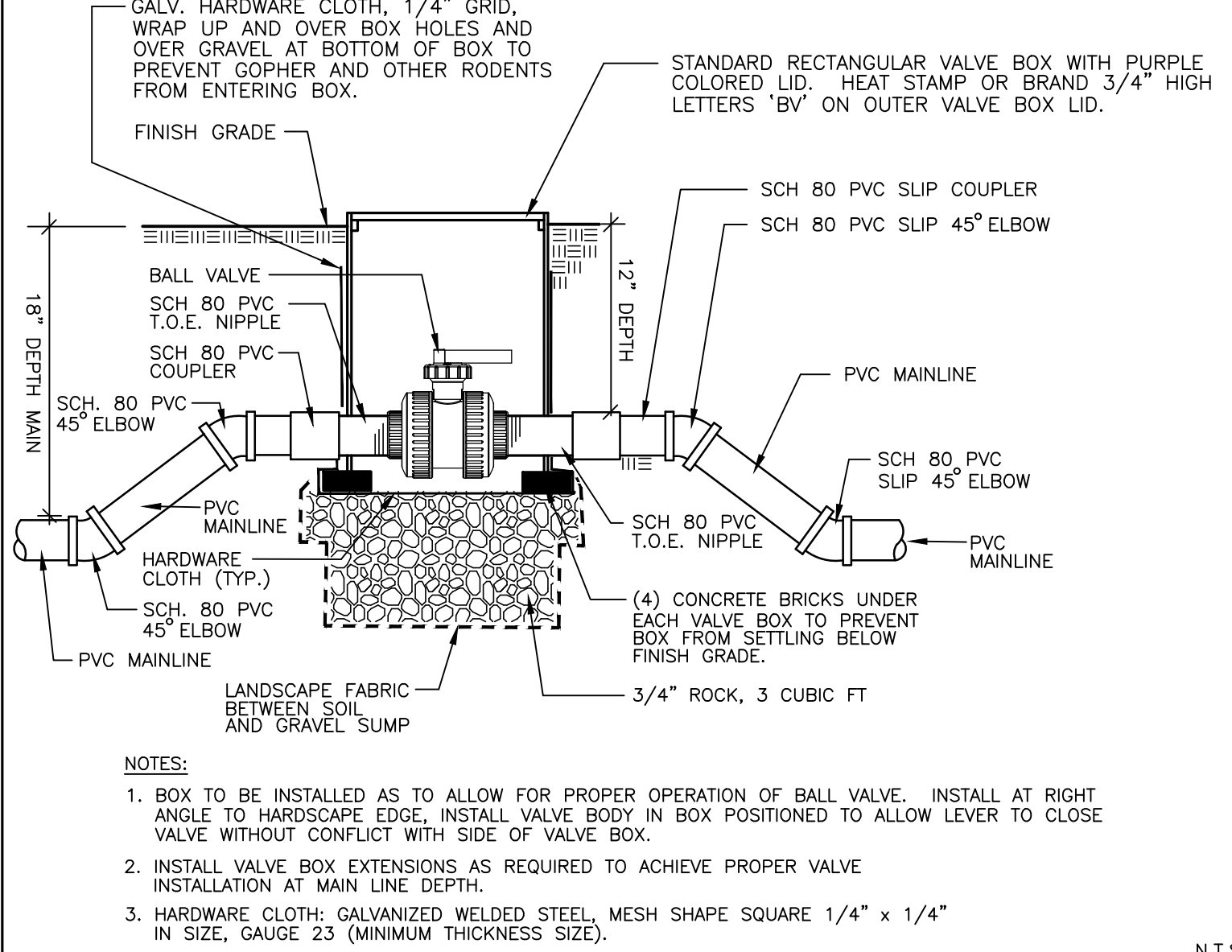
5 LEEMCO PIPE TO FITTING RESTRAINTS N.T.S.



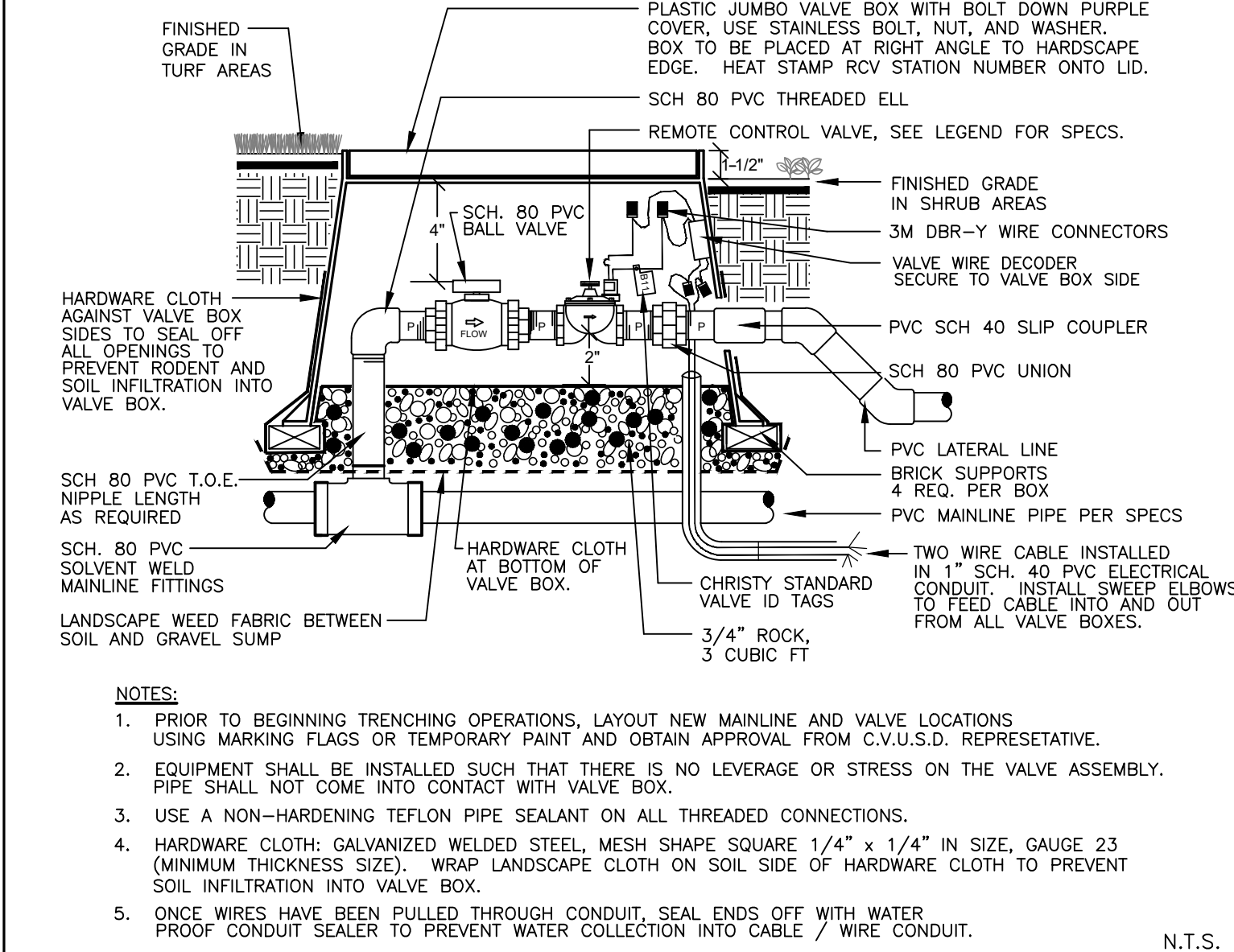
6 CONCRETE THRUST BLOCK ON MAINLINE N.T.S.



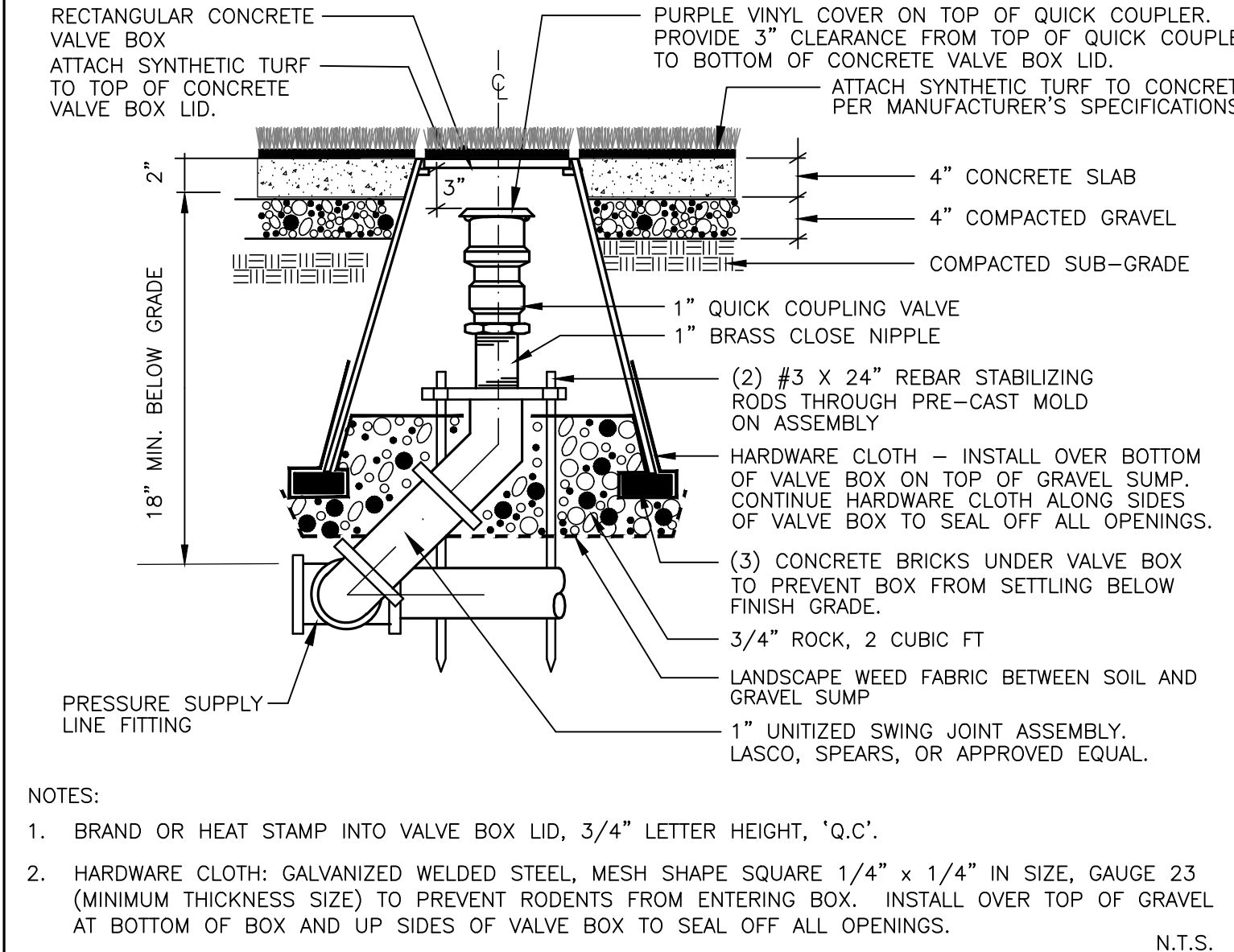
7 DUCTILE IRON GATE VALVE N.T.S.



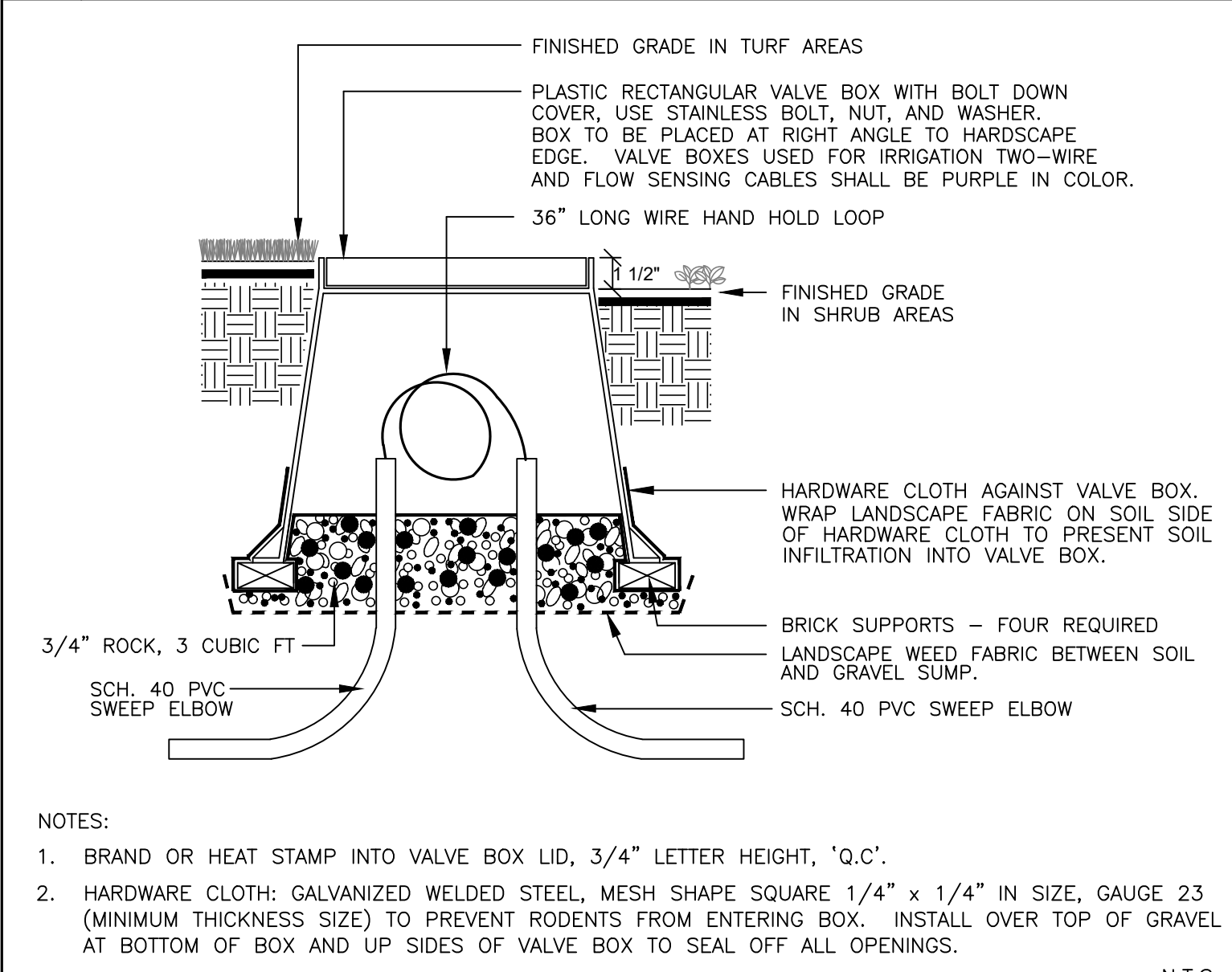
8 SCH. 80 PVC BALL VALVE ON IRRIGATION MAINLINE NOT TO SCALE N.T.S.



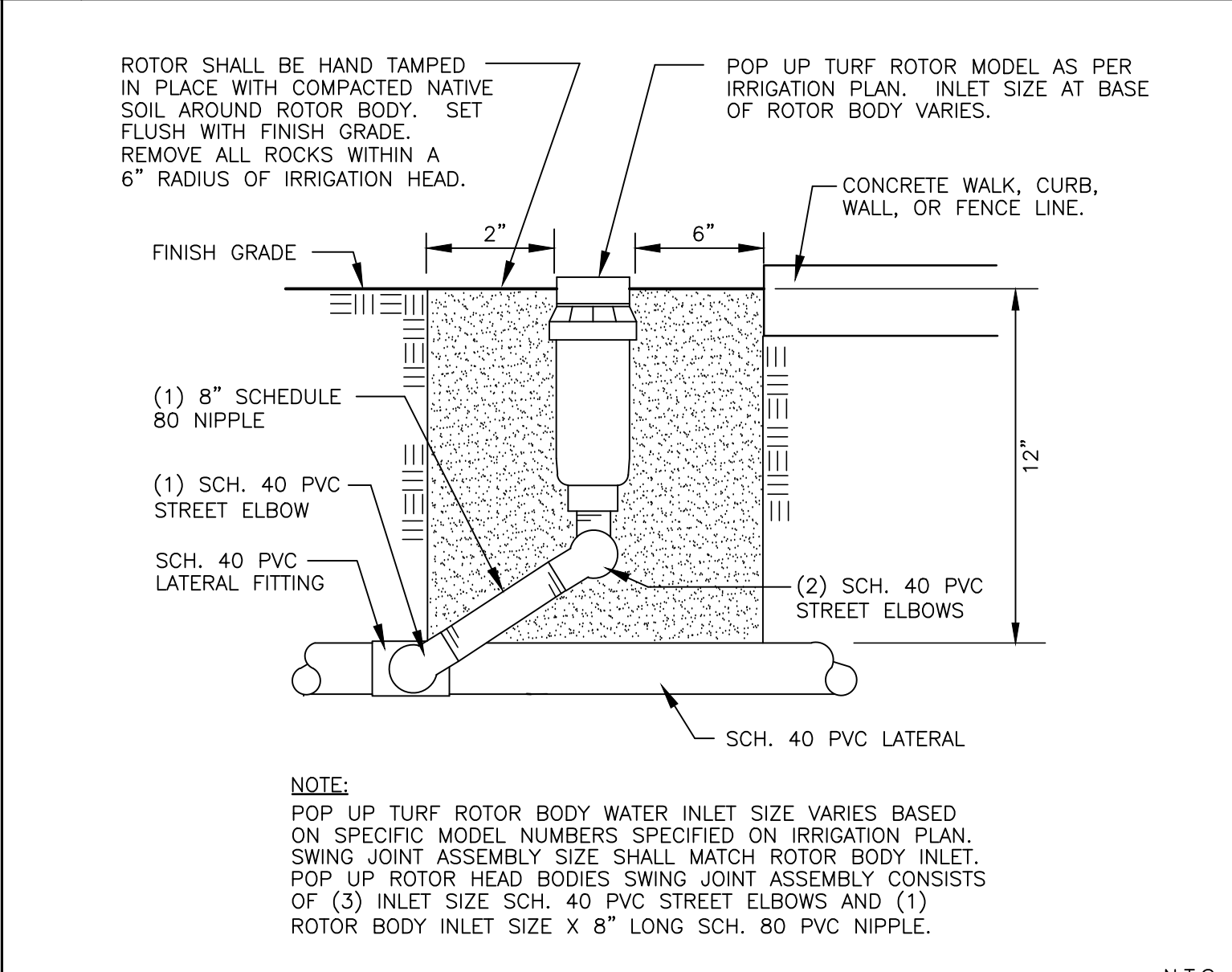
9 REMOTE CONTROL VALVE N.T.S.



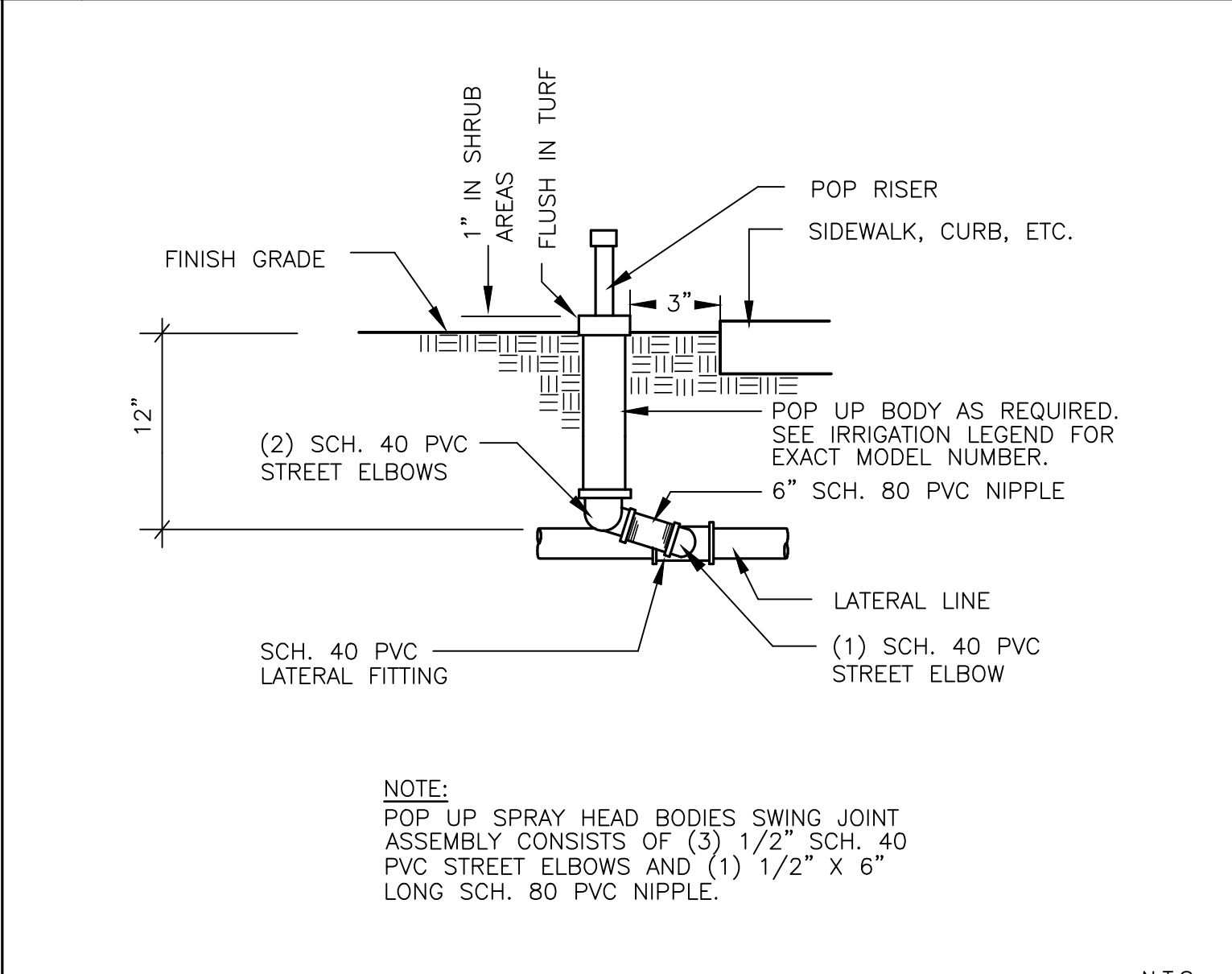
10 QUICK COUPLER IN CONCRETE VALVE BOX WITHIN SYNTHETIC TURF FIELD N.T.S.



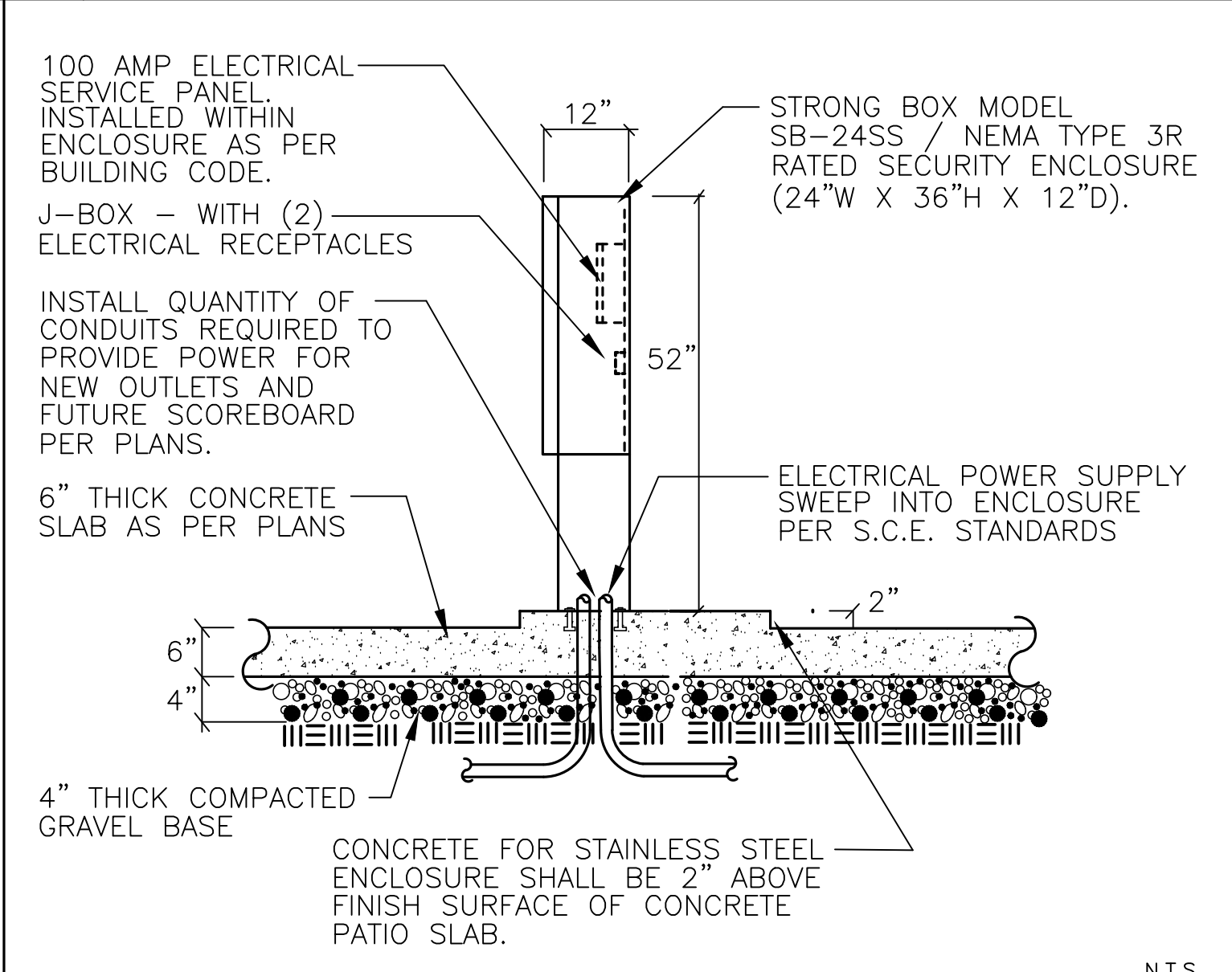
11 TWO WIRE OR FLOW SENSING CABLE PULL BOX N.T.S.



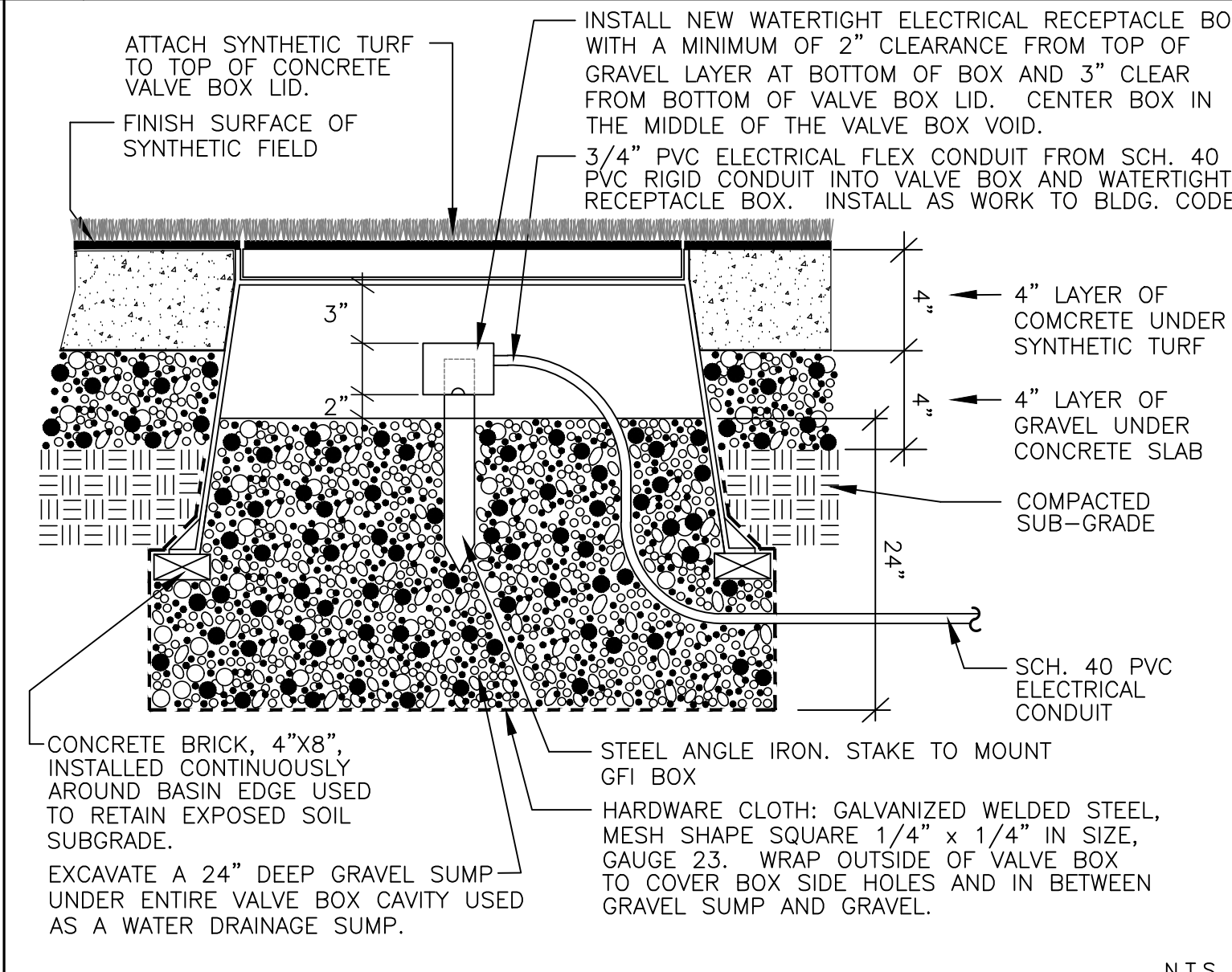
12 POP UP TURF ROTOR N.T.S.



13 POP UP SPRAY HEAD OR ROTATOR HEAD N.T.S.



14 ELECTRICAL PEDESTAL AND PANEL N.T.S.



15 WATERTIGHT ELECTRICAL GFI RECEPTACLE IN A CONCRETE VALVE BOX N.T.S.

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NO.	DATE	BY	DESCRIPTION

CLIENT
MIRACLE LEAGUE OF THE 805
2310 PONDEROSA DRIVE
SUITE 21
CAMARILLO, CALIFORNIA 93010

PROJECT:
MIRACLE LEAGUE BASEBALL FIELD
FREEDOM PARK
CAMARILLO, CA.

SHEET TITLE:
LANDSCAPE DETAILS

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DRAWN: _____ DRAWING
CITY SUBMITTAL: 8-5-22
BID DATE: 10-12-22
CONSTRUCTION: 10-12-22
L4.3
SHEET 13 OF 14
PROJECT NO. 20.16

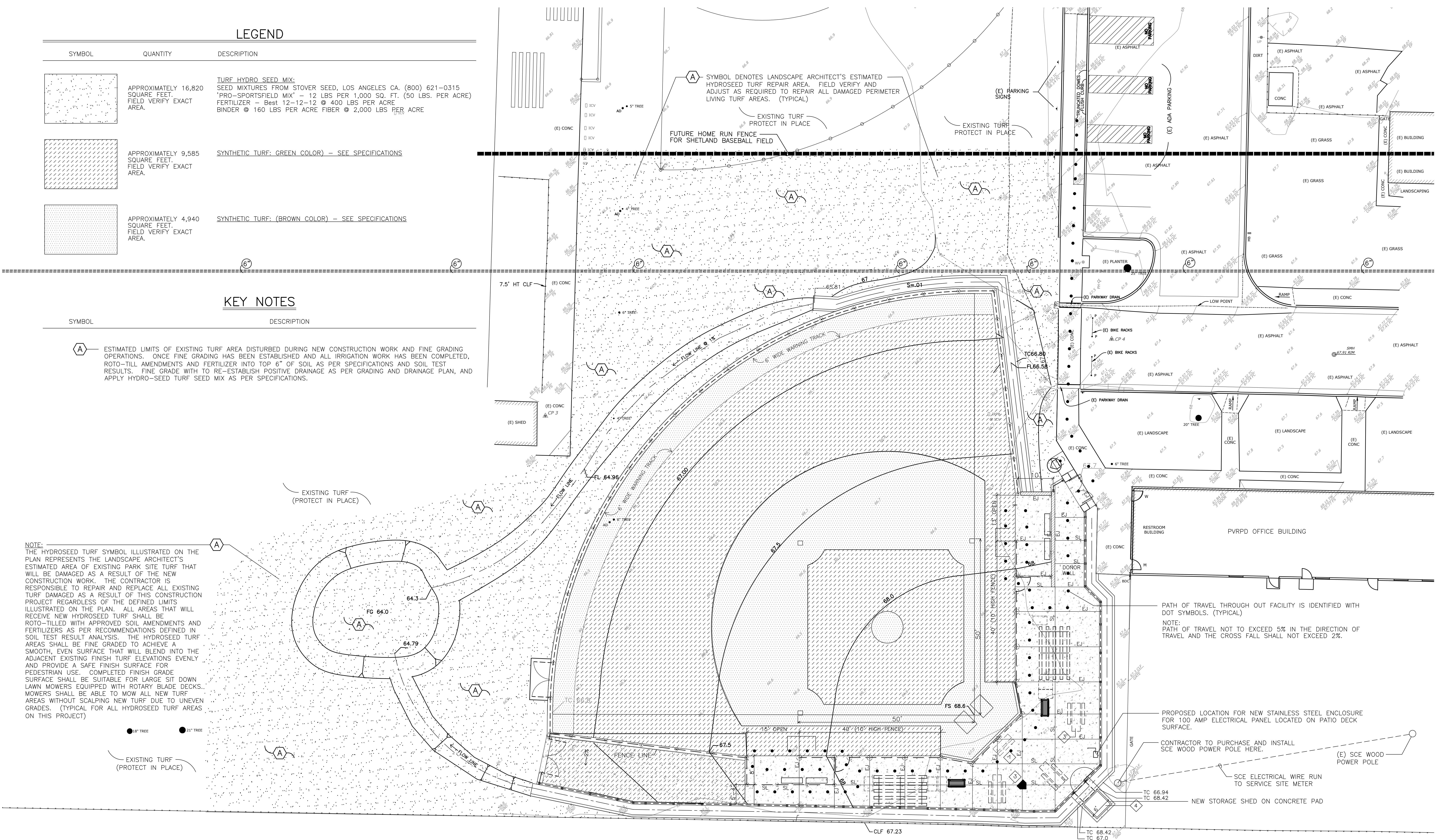
LEGEND

SYMBOL	QUANTITY	DESCRIPTION
	APPROXIMATELY 16,820 SQUARE FEET. FIELD VERIFY EXACT AREA.	TURF HYDRO SEED MIX: SEED MIXTURES FROM STOVER SEED, LOS ANGELES CA. (800) 621-0315 'PRO-SPORTSFIELD MIX' - 12 LBS PER 1,000 SQ. FT. (50 LBS. PER ACRE) FERTILIZER - Best 12-12-12 @ 400 LBS PER ACRE BINDER @ 160 LBS PER ACRE FIBER @ 2,000 LBS PER ACRE
	APPROXIMATELY 9,585 SQUARE FEET. FIELD VERIFY EXACT AREA.	SYNTHETIC TURF: (GREEN COLOR) - SEE SPECIFICATIONS
	APPROXIMATELY 4,940 SQUARE FEET. FIELD VERIFY EXACT AREA.	SYNTHETIC TURF: (BROWN COLOR) - SEE SPECIFICATIONS

KEY NOTES

SYMBOL	DESCRIPTION
	ESTIMATED LIMITS OF EXISTING TURF AREA DISTURBED DURING NEW CONSTRUCTION WORK AND FINE GRADING OPERATIONS. ONCE FINE GRADING HAS BEEN ESTABLISHED AND ALL IRRIGATION WORK HAS BEEN COMPLETED, ROTO-TILL AMENDMENTS AND FERTILIZER INTO TOP 6" OF SOIL AS PER SPECIFICATIONS AND SOIL TEST RESULTS. FINE GRADE WITH TO RE-ESTABLISH POSITIVE DRAINAGE AS PER GRADING AND DRAINAGE PLAN, AND APPLY HYDRO-SEED TURF SEED MIX AS PER SPECIFICATIONS.

NOTE:
THE HYDROSEED TURF SYMBOL ILLUSTRATED ON THE PLAN REPRESENTS THE LANDSCAPE ARCHITECT'S ESTIMATED AREA OF EXISTING PARK SITE TURF THAT WILL BE DAMAGED AS A RESULT OF THE NEW CONSTRUCTION WORK. THE CONTRACTOR IS RESPONSIBLE TO REPAIR AND REPLACE ALL EXISTING TURF DAMAGED AS A RESULT OF THIS CONSTRUCTION PROJECT REGARDLESS OF THE DEFINED LIMITS ILLUSTRATED ON THE PLAN. ALL AREAS THAT WILL RECEIVE NEW HYDROSEED TURF SHALL BE ROTO-TILLED WITH APPROVED SOIL AMENDMENTS AND FERTILIZERS AS PER RECOMMENDATIONS DEFINED IN SOIL TEST RESULT ANALYSIS. THE HYDROSEED TURF AREAS SHALL BE FINE GRADED TO ACHIEVE A SMOOTH, EVEN SURFACE THAT WILL BLEND INTO THE ADJACENT EXISTING FINISH TURF ELEVATIONS EVENLY AND PROVIDE A SAFE FINISH SURFACE FOR PEDESTRIAN USE. COMPLETED FINISH GRADE SURFACE SHALL BE SUITABLE FOR LARGE SIT DOWN LAWN MOWERS EQUIPPED WITH ROTARY BLADE DECKS. MOWERS SHALL BE ABLE TO MOW ALL NEW TURF AREAS WITHOUT SCALPING NEW TURF DUE TO UNEVEN GRADES. (TYPICAL FOR ALL HYDROSEED TURF AREAS ON THIS PROJECT)



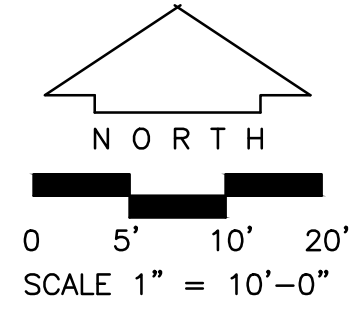
PATH OF TRAVEL THROUGH OUT FACILITY IS IDENTIFIED WITH DOT SYMBOLS. (TYPICAL)
NOTE:
PATH OF TRAVEL NOT TO EXCEED 5% IN THE DIRECTION OF TRAVEL AND THE CROSS FALL SHALL NOT EXCEED 2%.

PROPOSED LOCATION FOR NEW STAINLESS STEEL ENCLOSURE FOR 100 AMP ELECTRICAL PANEL LOCATED ON PATIO DECK SURFACE.

CONTRACTOR TO PURCHASE AND INSTALL SCE WOOD POWER POLE HERE.

SCE ELECTRICAL WIRE RUN TO SERVICE SITE METER

NEW STORAGE SHED ON CONCRETE PAD



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 UNDERGROUND SERVICE ALERT CALL BEFORE YOU DIG CALL TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG		REVISIONS NO. DATE BY DESCRIPTION	CLIENT MIRACLE LEAGUE OF THE 805 2310 PONDEROSA DRIVE SUITE 21 CAMARILLO, CALIFORNIA 93010	PROJECT: MIRACLE LEAGUE BASEBALL FIELD FREEDOM PARK CAMARILLO, CA.	SHEET TITLE: PLANTING PLAN	JORDAN, GILBERT & BAIN LANDSCAPE ARCHITECTS, INC. 450 NORTH VENTURA AVE., VENTURA CA 93001 (805) 642-3641 FAX (805) 653-7874 Jordan, Gilbert & Bain Landscape Architects, Inc. © 2018	DRAWN: JB CITY SUBMITTAL: 8-5-22 BID DATE: 10-12-22 CONSTRUCTION: 10-12-22	DRAWING L5.1 SHEET 14 OF 14 PROJECT No. 20.16
		UNDERGROUND SERVICE ALERT CALL BEFORE YOU DIG CALL TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG						



City of Camarillo

Building and Safety Department
 601 Carmen Drive
 Camarillo, California 93010
 805-388-5395 • fax 805-388-5393
 Email – bldgsafe@cityofcamarillo.org

CONSTRUCTION PERMIT APPLICATION

#1 IDENTIFY YOUR BUILDING PROJECT

Property Location or Address: _____

This permit is to be issued in the name of the () Licensed Contractor or () the Property Owner as the permit holder of record who will be responsible and liable for the construction.

Property Owner Information: Name: _____ Tel. No: _____

Mailing Address: _____

Licensed Design Professional (Architect or Engineer in charge of the project) Information:

Name: _____ License No: _____ Tel No: _____

Mailing Address: _____

DESCRIPTION OF WORK TO BE PERFORMED: _____

#2 IDENTIFY WHO WILL PERFORM THE WORK (COMPLETE SECTION 2A OR 2B)

2A: CALIFORNIA LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Company Name: _____

Contractor Names & Address: _____

License Class & No: _____ Contractor Signature: _____

JOB SITE CONTACT NAME & No: _____

2B: OWNER-BUILDER'S DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractors' State License Law for the reason(s) indicated below by the checkmark(s) I have placed next to the applicable item(s) (Section 7031.5, Business and Professions Code: Any city or county that requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for the permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors' State License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt from licensure and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500).)

() I, as owner of the property, or my employees with wages as their sole compensation, will do () all of or () portions of the work, and the structure is not intended or offered for sale (Section 7044, Business and Professions Code: The Contractors' State License Law does not apply to an owner of property who, through employees' or personal effort, builds or improves the property, provided that the improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the Owner-Builder will have the burden of proving that it was not built or improved for the purpose of sale.).

I, as owner of the property, am exclusively contracting with licensed Contractors to construct the project (Section 7044, Business and Professions Code: The contractors' State License Law does not apply to an owner of property who builds or improves thereon, and who contracts for the projects with a licensed Contractor pursuant to the Contractors' State License Law.)

I am exempt from licensure under the Contractors' State License Law for the following reason:

By my signature below I acknowledge that, except for my personal residence in which I must have resided for at least one year prior to completion of the improvements covered by this permit, I cannot legally sell a structure that I have built as an owner-builder if it has not been constructed in its entirety by licensed contractors. I understand that a copy of the applicable law, Section 7044 of the Business and Professions Code, is available upon request when this application is submitted or at the following Web Site: <http://leginfo.legislature.ca.gov>

Property Owner or Authorized Agent Name: _____

Property Owner or Authorized Agent Signature: _____ Date: _____

#3 IDENTIFY WORKERS' COMPENSATION COVERAGE & LENDING AGENCY

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation, issued by the Director of Industrial Relations as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. Policy No: _____

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier: _____ Policy No: _____ Expiration Date: _____

I certify that, in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that, if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

DECLARATION REGARDING CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Section 3097, Civil Code).

Lenders Name and Address: _____

#4 DECLARATION BY CONSTRUCTION PERMIT APPLICANT

By my signature below, I certify to each of the following:

I am a California licensed contractor or the property owner* or authorized to act on the property owner's behalf.**

I have read this construction permit application and the information I have provided is correct.
I agree to comply with all applicable city and county ordinances and state laws relating to building construction.
I authorize representatives of this city or county to enter the above- identified property for inspection purposes.

*Requires separate verification form

California Licensed Contractor, Property Owner* or Authorized Agent***Requires separate authorization form

SIGNATURE: _____

DATE: _____