

ADDENDUM NO. 2

LUCCHESI TURF FIELD REPLACEMENT

C14502008

July 18, 2025

This Addendum No. 2 modifies the bidding documents for the **LUCCHESI TURF FIELD REPLACEMENT** Project. This Addendum shall become part of the Contract and all provisions of the Contract shall apply thereto. Bidders shall acknowledge all Addendums in the Bid Schedule.

Contract Document Modification:

- 1. Plan Set: Replace existing sheets L3.0, L4.0, L5.0, L6.0, and LD1.0 with the attached revised sheets bearing the same sheet numbers. These revised sheets are identified on the plans with Revision Delta 1, titled "Addendum 2", and dated 07/09/2025.
 - a. Note: Bid Schedule Item #27, "Water Meter", has been removed from the project plans. See Contract Document Modification #2, below.
- 2. Bid Schedule: Replace the existing bid schedule with the revised bid schedule, attached as "Attachment 2.1, Revised Bid Schedule, 7/17/2025". Modifications noted in red.
- 3. Technical Specifications: Replace Section "33 40 00, Storm Drainage Utilities" with the revised Technical Specification bearing the same name, attached as "Attachment 2.2".
 - a. Note: Revised Technical Specification 33 40 00, Storm Drainage Utilities has been revised to include specifications for material at French Drain.

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MAYOR / ALCALDE

COUNCILMEMBERS / MIEMBROS DEL CONSEJO

Kevin McDonnell

Janice Cader Thompson, Dist. 1 John Shribbs, Dist. 2 Karen Nau, Dist. 3

Frank Quint, Dist. 4 Alex DeCarli, Dist. 5 Brian Barnacle, Dist. 6

Bidder's Questions & City's Response:

1. Is there an Engineer's Estimate?

Response: The Engineer's Estimate for the project (NOT INCLUDING City-Furnished Turf Materials): \$521,054.87

Cost of City-Furnished Turf Materials (for reference only): \$722,848.00

2. Demo Sheet L3.0 show to, "Remove existing permeable rock base, subdrain rock and existing pipe, and replace with new per Detail A, Sheet LD1.0 and Sheet L5.0. Can you confirm the existing inverts match the proposed and that the existing trench prism should theoretically match existing?

Response: New pipe inverts will be as shown on L5.0. The new pipe for the base bid work will connect into a new Junction box as shown on L5.0. Existing pipe that is to remain (unless replaced as part of the bid alternate) will not have their inverts modified and shall be connected to the new junctions.

Follow up to the above question, Bid Item 4 – Rock/Pipe Removal at Existing Perimeter
 Drains is for a quantity of 80 CY. If this existing trench dimensions are close to the
 proposed, this quantity seems significantly low.

Response: Revise to 481 tons of rock. Refer to "Attachment 2.1, Revised Bid Schedule, 7/17/2025" item No. 4.

- 4. No bid item is provided for Traffic Control. How is this to be compensated?

 Response: "Traffic Control" has been added to the bid schedule. Refer to "Attachment 2.1,

 Revised Bid Schedule, 7/17/2025" item No. 50.
- 5. Spec Section 01 50 00 Part 2.03 details a contractor's field office. Is contractor required to have a field office?

Response: A field office is not required.

6. In Section 00 73 04 - COORDINATION REQUIREMENTS, "INSTALLATION OF CMAS TURF MATERIALS ... In addition, the CONTRACTOR shall ensure the installer possesses a California D-12" Can a C-27 license be substituted for D-12?

Response: D-12 requirement for turf installer cannot be substituted

7. Are we absolutely required to recycle/reuse the existing field turf?

Response: Yes, existing turf shall be recycled per the demolition specifications. Refer to Technical Specifications, Section 02 41 13, 3.06 Synthetic Turf Recycling.

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8. Please confirm the new turf being purchased has striping included already.

Response: Confirmed, turf purchased by the City includes striping.

9. Please confirm staking and layout is responsibility of Contractor.

Response: Confirmed, the Contractor is responsible for staking and layout.

10. Is the drinking fountain already purchased?

Response: No, the Contractor will purchase the drinking fountain.

11. Is the Contractor or City responsible for QSP/QSD inspections and reporting?

Response: QSP/QSD inspections and reporting are not required for this project.

Response: Refer to Technical Specifications 01 57 23 Storm Water Pollution Prevention Plan and Erosion and Sediment Control Plan. While a SWPPP plan is not required for this project, SWPPP BMPs specified shall be the responsibility of the Contractor. Refer to Plan Set, Sheet L2.0, Erosion & Sediment Control Plan.

12. Please confirm testing of base material being removed is Contractor responsibility.

Response: Yes, any testing of existing material is the responsibility of the contractor. Refer to Geotech report for information on the existing materials on site.

13. If all bids are higher than the Engineer's Estimate, will the project be cancelled?

Response: No, it is not necessarily guaranteed that the project will be cancelled, however, it is a possibility.

14. Many of the Turf Recycling vendors are stating CA is "forcing new recycle laws into play that will soon prohibit anyone from repurposing infill turf." How should we quote the project - to recycle or to send to dump?

Response: Turf and infill are required to be recycled. Refer to Technical Specifications, Section 02 41 13, 3.06 Synthetic Turf Recycling.

15. Is a site visit required?

Response: Yes, a site visit is required and a site visit affidavit is required as part of the bid package.

16. Is FieldTurf installing the turf?

Response: FieldTurf is supplying the turf, shock pad, and infill, purchased by the City. The Contractor shall coordinate the delivery of the turf with FieldTurf, and the Contractor is responsible for installing the turf.

17. What are the PLA, DBE, or local hiring requirements?

Response: The City requires the Contractor and Subcontractors to be registered with the Department of Industrial Relations (DIR) and have a DIR Contractor Number. The City

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requires prevailing wages, however, there are no PLA, DBE, or local hiring requirements for this project. Refer to Petaluma Municipal Code: https://petaluma.municipal.codes/Code/4.04.080

18. Clarify the location of the thickened edge for the new concrete.

Response: The thickened edge detail for the new concrete is applicable only at the locations identified as Item #11 in the Material Legend on Sheet L6.0. No other areas require a thickened edge unless explicitly noted. The Bid Schedule quantity has been revised to 122 linear feet.

City of Petaluma,

Nate Luna, PMP Project Manager

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A signed copy of this Addendum and the attached acknowledgement form shall be attached to the proposal. Failure to do so may cause rejection of your proposal.

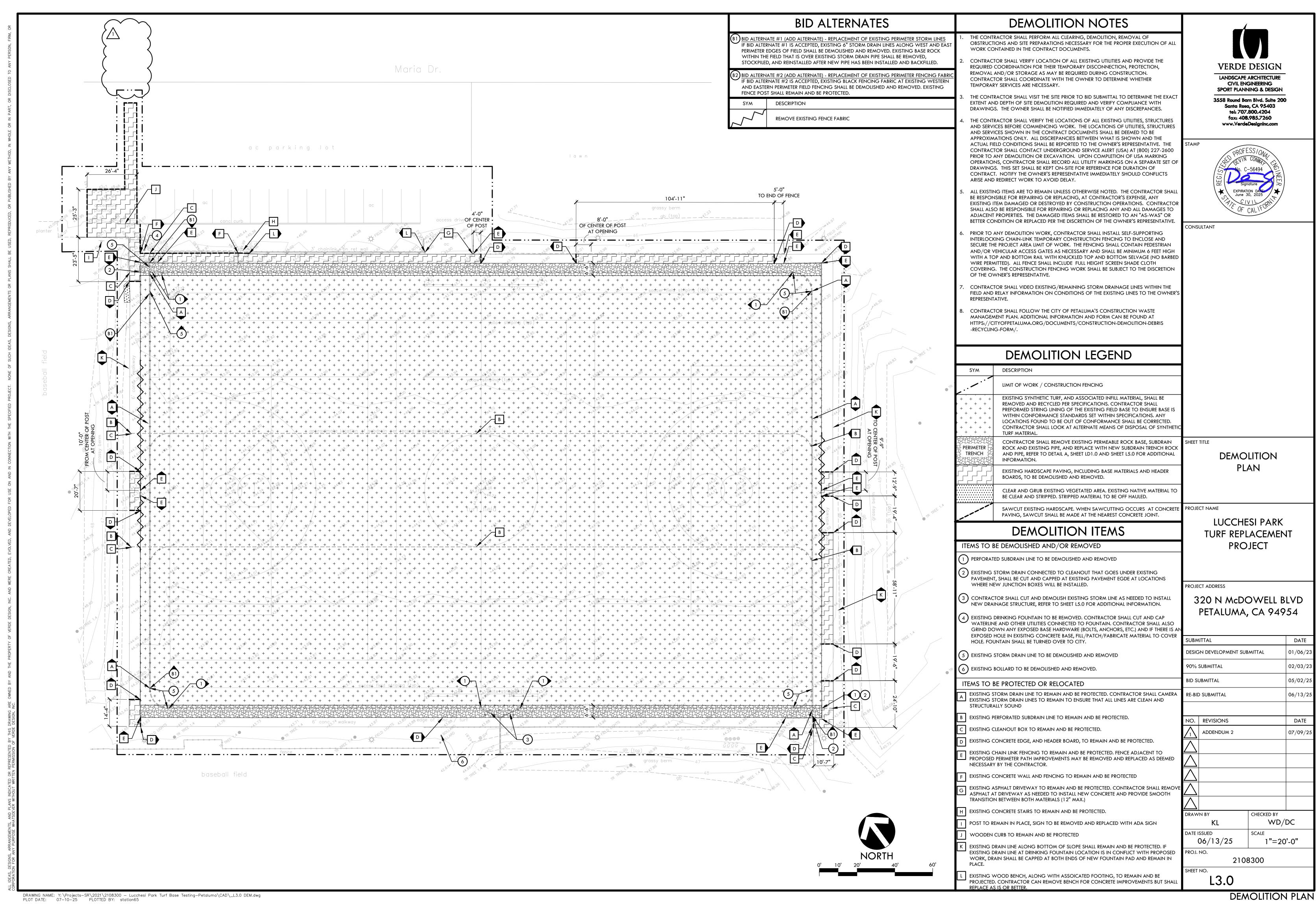
ADDENDUM NO. 2

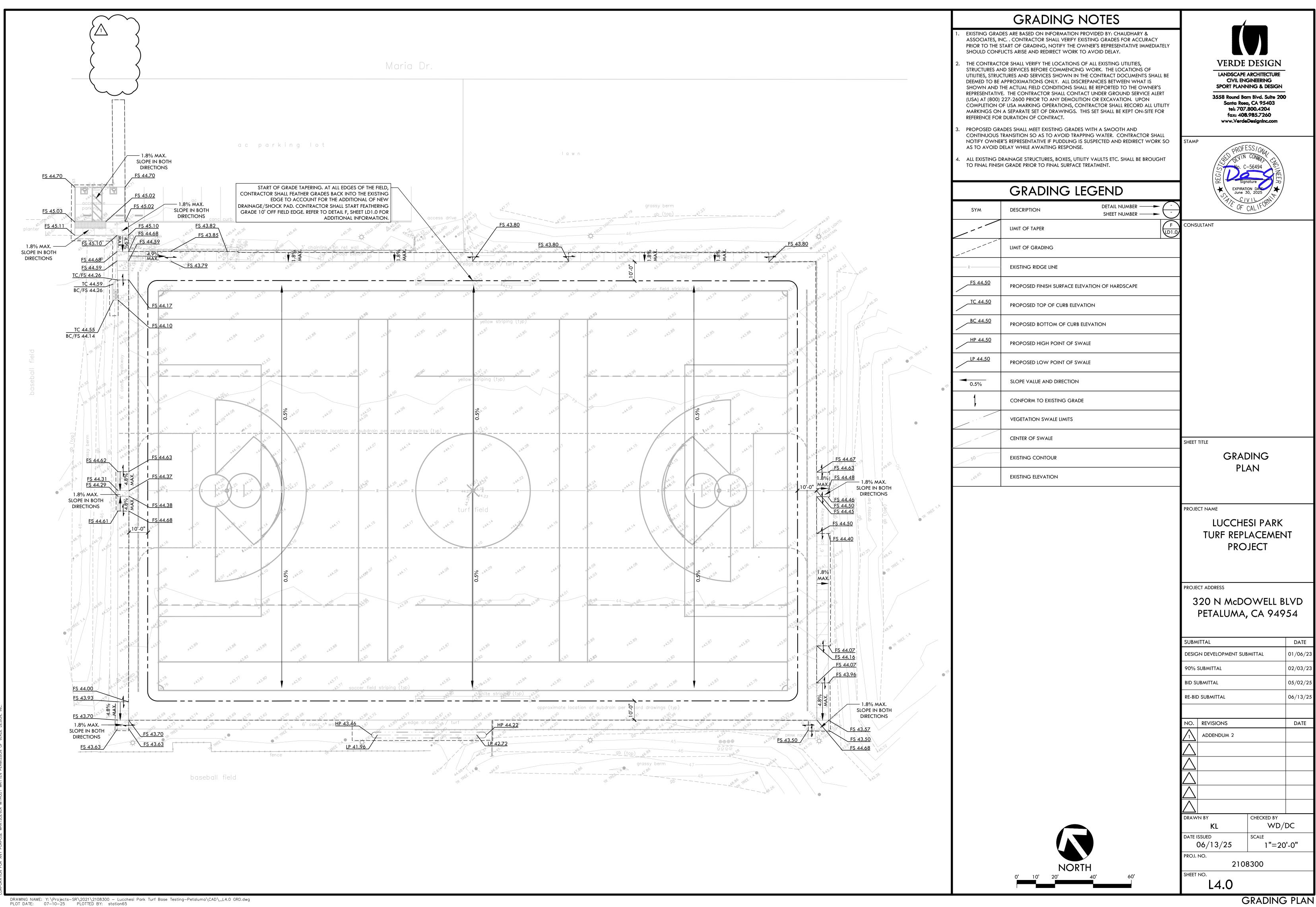
LUCCHESI TURF FIELD REPLACEMENT

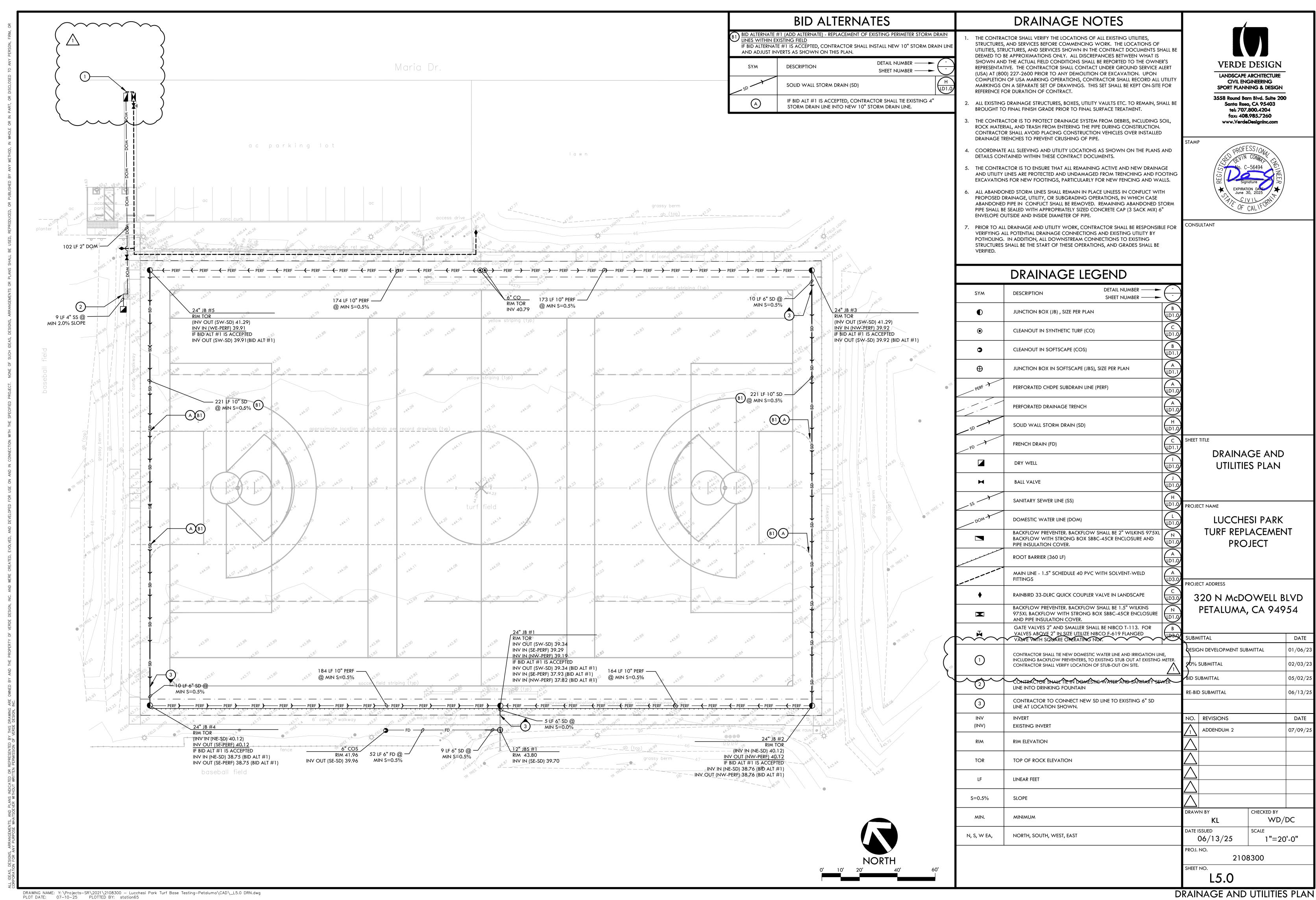
ACKNOWLEDGEMENT

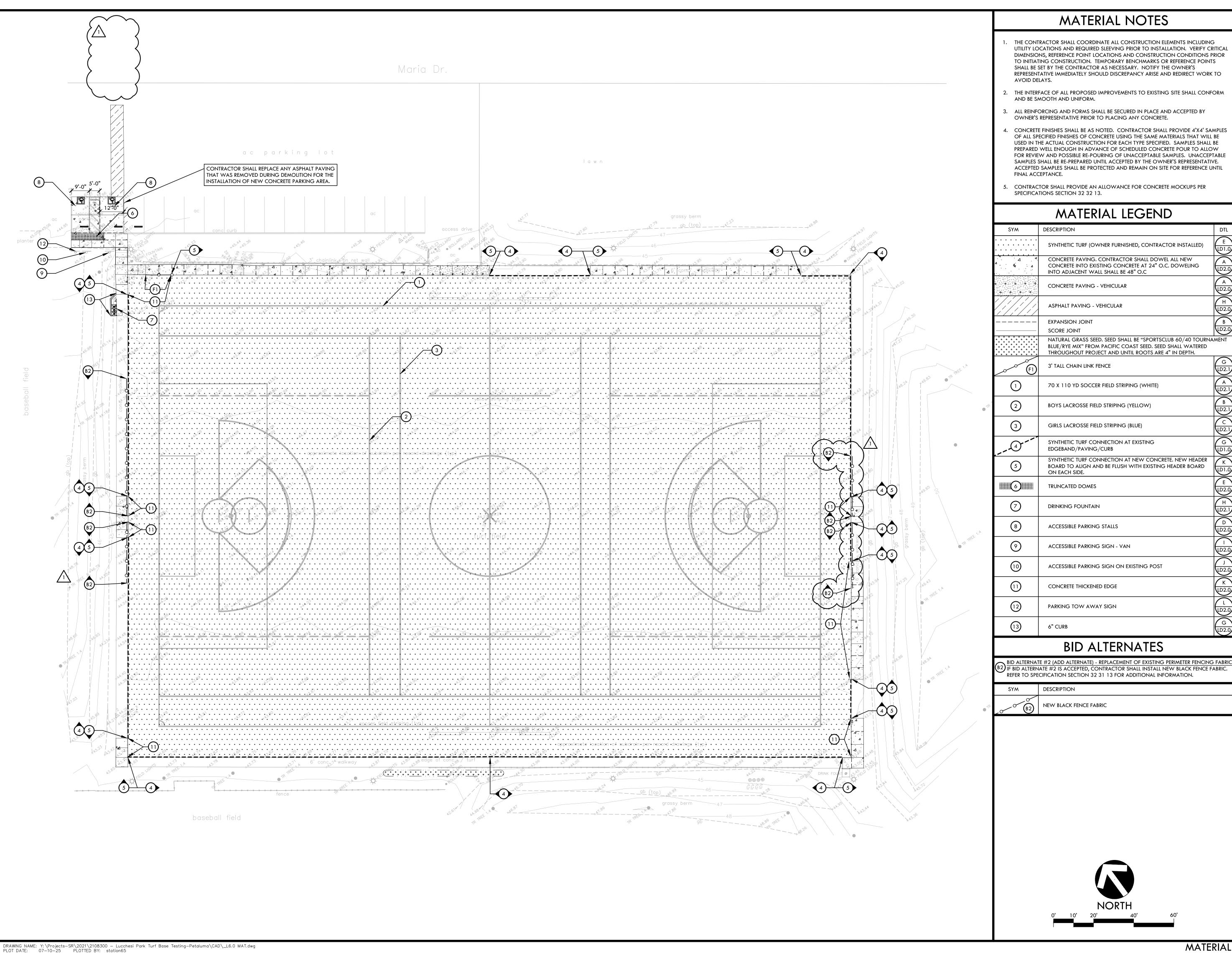
Receipt of A	ddendum No. 2 is here	by acknowledged by
		(Contractor's Name)
on the	day of	, 2025.
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		By:
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VERDE DESIGN LANDSCAPE ARCHITECTURE CIVIL ENGINEERING SPORT PLANNING & DESIGN

3558 Round Barn Blvd. Suite 200 Santa Rosa, CA 95403 tel: 707.800.4204 fax: 408.985.7260 www.VerdeDesignInc.com



CONSULTANT

SHEET TITLE

MATERIAL AND

PLAN

LUCCHESI PARK TURF REPLACEMENT **PROJECT**

320 N McDOWELL BLVD PETALUMA, CA 94954

DESIGN DEVELOPMENT SUBMITTAL 90% SUBMITTAL **BID SUBMITTAL RE-BID SUBMITTAL** NO. REVISIONS DATE ADDENDUM 2 07/09/2 WD/DC KL

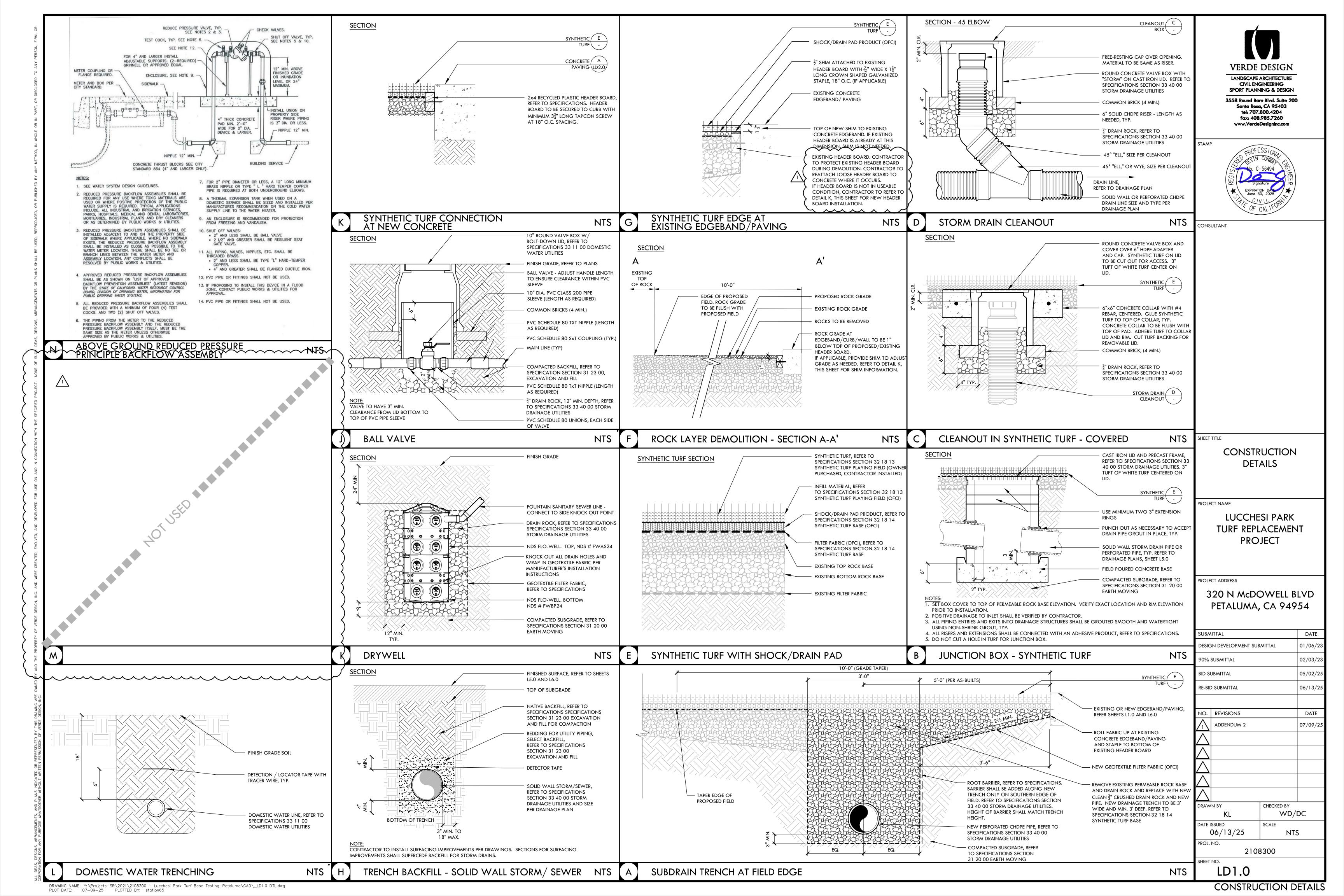
2108300

1"=20'-0"

06/13/25

L6.0

SHEET NO.



$\frac{\textbf{REVISED BID SCHEDULE}}{\underline{07/17/2025}}$

Item No.	Description	Estimated Quantity	Unit	Unit Price	Total Price
1	Synthetic Turf Removal	86,660	SF		
2	Synthetic Turf & Infill Recycling	86,660	SF		
3	Clear and Grub	30	SF		
4	Rock/Pipe Removal at Ex Perimeter Drains	80 48 1	TONS		
5	Flush /Video Existing Drainage System	1	LS		
6	Hardscape Demolition	3330-3277	SF		
7	Saw Cut	391 321	LF		
8	Drinking Fountain Demolition	1	EA		
9	Miscellaneous Demolition	1	LS		
10	Tapering of Rock along edges to receive drainage / shock pad	11,621	SF		
11	Fine Grade / stringline field rock base	75,030	SF		
12	Video Existing Storm Line	1	LS		
13	Drain Rock	481	TONS		
14	10" Perforated Drain Line	698	LF		
15	6" Storm Drain Line	34	LF		
16	6" Cleanout	2	EA		
17	6" Soft Scape Cleanout	1	EA		
18	6" French Drain	52	LF		
19	Junction Box in Soft Scape	1	EA		
20	24" Junction Box	5	EA		
21	Miscellaneous Drainage Installation	1	LS		
22	2" Domestic Water Line	140- 110	LF		
23	3" Sanitary Sewer Line	9	LF		
24	Dry Well	1	EA		
25	Ball Valve	1	EA		
26	10" Round Valve Box with Bolt Down Lid	1	EA		
27	Water Meter	1	EA	n/a	n/a
28	2" Backflow Preventer with Enclosure	1	EA		
29	1.5" Backflow Preventer with Enclosure	1	EA		
30	Miscellaneous Water line installation	1	EA		

Item No.	Description	Estimated Quantity	Unit	Unit Price	Total Price
31	Synthetic Turf Install, Shock Pad/Drain Tile, Fabric and infill Install	1	LS		
32	Concrete Paving and Rough Grading	2,917	SF		
33	Concrete thickened Edge	157 122	LF		
34	Synthetic Turf Connection, 2x4 Recycled Plastic Header Board at new concrete	376-42 1	LF		
35	ADA Parking Striping	1	LS		
36	Wheel Stop	3	EA		
37	ADA Parking Sign	2	EA		
38	Truncated Domes	1	EA		
39	3" Tall Chain Link Fencing	13	LF		
40	6" Concrete Curb	13	LF		
41	Drinking Fountian – Elkay	1	EA		
42	Root Barrier	360	LF		
43	Tow Away Sign	1	EA		
44	Asphalt Paving (including backfill at Parking)	110 275	SF		
45	Vegetation Swale	1	LS		
46	1.5" PVC Main Line	273 283	LF		
47	Gate Valve	1	EA		
48	Quick Coupler Valve	2	EA		
49	Valve Box with Bolt Down Lid (quick Coupler)	2	EA		
50	Traffic Control	1	LS		
51	Mobilization and Demobilization	1	LS		
		Total	Base Bid	\$	\$

OPTIONAL BID ITEMS

Item No.	Description	Estimated Quantity	Unit	Unit Price	Total Price
1	Replace Ex Storm Drain Line	460	LF		
2	Replace Ex Fencing Fabric	161	LF		

^{*}Note: In case of error in extension of price into the total price column, the unit price will govern.

Total Amount of Bid (written in words) is:	
	Dollars and
	Conto
In the event of discrepancy between word	Cents. ds and figures, the words shall prevail.
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\$ Figur	res
The award of the contract shall be awarded to titems 1 through 51. Options Bid items should N	<u>-</u>
Address of Bidder	Signature of Bidder
City	Name of Bidder (Print)
Telephone Number of Bidder	Fax Number of Bidder
Contractor's License Number	License's Expiration Date
Addendum Acknowledgement	
Addendum No. 1 Signature Acknowledging Receipt	:: Date:
Addendum No. 2 Signature Acknowledging Receipt	:: Date:
Addendum No. 3 Signature Acknowledging Receipt	:: Date:

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Lucchesi Turf Field Replacement - City Project No. C14502008

Addendum No. 4	Signature Acknowledging Receipt:	_ Date:
Addendum No. 5	Signature Acknowledging Receipt:	Date:
Addendum No. 6	Signature Acknowledging Receipt:	_ Date:
Addendum No. 7	Signature Acknowledging Receipt:	_ Date:
Addendum No. 8	Signature Acknowledging Receipt:	Date:

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SECTION 33 40 00

STORM DRAINAGE UTILITIES

PART 1 - GENERAL

1.01 SUMMARY

- A. Section Includes: Storm drainage system improvements and related work as shown on the Drawings and specified including, but is necessarily limited to, the following:
 - 1. Pipe and fittings.
 - 2. Nonpressure transition couplings.
 - 3. Cleanouts.
 - 4. Drains.
 - 5. Catch basins.
 - 6. Dry wells.
- B. Related Requirements:
 - 1. Section 31 23 00 Excavation and Fill
 - 2. Section 31 20 00 Earth Moving
 - 3. Section 32 11 00 Base Courses
 - 4. Section 32 33 00 Site Furnishings
 - 5. Section 33 10 10 Domestic Water Utilities

1.02 REFERENCES

- A. American Society for Testing and Materials (ASTM):
 - 1. C478: Standard Specification for Circular Precast Reinforced Concrete Manhole Sections.
 - C923: Standard Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures, Pipes, and Laterals.
 - D2321: Standard Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Applications.
 - 4. D2412: Standard Test Method for Determination of External Loading Characteristics of Plastic Pipe by Parallel-Plate Loading.
 - 5. D2729: Standard Specification for Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings.
 - 6. D3034: Type PSM Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings.
 - 7. D3350: Standard Specification for Polyethylene Plastics Pipe and Fittings Materials.
 - 8. D4101: Standard Specification for Polypropylene Injection and Extrusion Materials.
- B. California Building Code, Current Edition.
- C. State of California, Business and Transportation Agency, Department of Transportation (Caltrans) "Standard Specifications."

1.03 ADMINISTRATIVE REQUIREMENTS

- A. Submittal Procedures: Action and Informational Submittals shall be submitted in accordance with Section 01 33 00 Submittal Procedures.
- B. Coordinate work of this section with all other work contained in the Contract Documents.

1.04 ACTION SUBMITTALS

A. Shop Drawings:

- 1. Junction boxes and dry wells. Include plans, elevations, sections, details, frames, covers, and grates.
- B. Product Data: Manufacturer's cut-sheets of products to be used.

1.05 INFORMATIONAL SUBMITTALS

- A. Profile Drawings: Show system piping in elevation. Draw profiles at horizontal scale of not less than 1-inch equals 50 feet (1:500) and vertical scale of not less than 1-inch equals 5 feet (1:50). Indicate manholes and piping. Show types, sizes, materials, and elevations of other utilities crossing system piping.
- B. Field Test Reports indicating and interpreting test results for compliance with performance.

1.06 CLOSEOUT SUBMITTALS

- A. Record Drawings:
 - 1. Accurately record location of new piping, drain structures, and connections to existing systems using horizontal dimensions, elevations, inverts, and slope gradients as applicable.
 - Comply with the additional requirements of Section 01 78 39 Project Record Documents.

1.07 QUALITY ASSURANCE

- A. Control of Work: Conform to Section 5 of the Standard Specifications.
- B. Control of Materials: Conform to Section 6 of the Standard Specifications.

1.08 DELIVERY, STORAGE, AND HANDLING

- A. Store pipe neatly and orderly, stacked and blocked to prevent damage. Cracked, checked, spalled, or otherwise damaged pipe and precast concrete units shall be removed from site.
- B. Use of chain slings shall not be permitted.
- C. Piping, fittings, and related materials shall be carefully handled. Comply with manufacturer's rigging instructions for precast items. Use of chain slings is not be permitted.
- D. All pipelines, fittings and drainage structures shall be kept clean and closed during construction.

1.09 FIELD CONDITIONS

- A. Make provisions for, and take the necessary precautions to, protect existing and new work from damage during entire life of project.
- B. Work of this Section shall not be executed when site conditions are detrimental to quality of work as determined by the Owner's Representative.
- C. Do not interrupt service to facilities occupied or used by Owner without the Owner's written permission.

PART 2 - PRODUCTS

2.01 PIPE AND FITTINGS

A. General:

- Pipe and fittings shall be clearly and permanently marked to identify manufacturer, type, class, or schedule and NSF approval as applicable.
- 2. Unless otherwise noted, Contractor has option of using either CHDPE or PVC pipe as specified.
- B. Corrugated High Density Polyethylene (CHDPE) Pipe: Dual wall, perforated and solid with an integrally formed smooth waterway; "N-12 "drainage pipe by Advanced Drainage Systems, Inc., 510-913-2211, or equal.
 - 1. Nominal sizes shall have a full circular cross-section, with an outer corrugated pipe wall and an essentially smooth inner wall (waterway).
 - 2. Corrugations may be either annular or spiral.
 - 3. Sizes shall conform to the AASHTO classification "Type S."
 - 4. Pipe manufacturer for this specification shall comply with the requirements for test methods, dimensions, and markings found in AASHTO Designations M252 and M294.
 - The minimum parallel plate stiffness values when tested in accordance with ASTM D2412 shall be as follows:

Diameter	Pipe Stiffness		
4 inch (100 mm)	50 psi (340 kPa)		
6 inch (150 mm)	50 psi (340 kPa)		
8 inch (200 mm)	50 psi (340 kPa)		
10 inch (250 mm)	50 psi (340 kPa)		
12 inch (300 mm)	50 psi (340 kPa)		
15 inch (375 mm)	42 psi (290 kPa)		

- 6. Fittings: Virgin PE compounds conforming with the requirements of ASTM D3350, cell class 324420C, and supplied or recommended by the pipe manufacturer.
 - a. The fittings shall not reduce or impair the overall integrity or function of the pipeline.
 - b. Common Corrugated Fittings:
 - 1) Couplers, reducers, and other in-line joint fittings.
 - 2) "Tees", "wyes", end caps, and other branch or complimentary assembly fittings.
 - c. Acceptable Installation Methods: Snap-on, screw-on, bell and spigot, and wrap around.
 - d. Couplings shall provide sufficient longitudinal strength to preserve pipe alignment and prevent separation at the joints.
 - e. Where designated on the Drawings and as required by the manufacturer, a neoprene or rubber gasket shall be supplied.

2.02 DRAINAGE STRUCTURES

- A. Precast Catch Basins:
 - 1. General:
 - a. Grates in paved areas shall conform to ADA Standards for Accessible Design.
 - b. All catch basins to have locking mechanism or screw down grate to frame.
 - c. Provide two grade rings at each catch basin.
 - 2. 24-inch Basins: "RBT 2412" as supplied by Oldcastle Precast, 888-965-3220, or equal.
 - a. Grating: Round, ADA compliant, and lockable.
- B. Extensions: Provide box extensions, junction boxes and grade rings compatible with structures as necessary to finish at the proper elevation and to facilitate future elevation adjustments as noted below.
- C. Clean Outs: As shown or noted in the Drawings.
- D. French Drain: As shown or noted in the Drawings.

E. Drywell: Manufacturer and product as indicated on the Drawings.

2.03 ADDITIONAL MATERIALS

- A. Permeable Rock Beneath Synthetic Turf Area: As specified in Section 32 18 14 Synthetic Turf Base.
- B. Drain Rock:
 - Drain Rock shall conform to requirements of Subdrain Trench Drain Rock beneath Synthetic Turf Area: As specified in Section 32 18 14 – Synthetic Turf Base
- C. Pea Gravel:
 - 1. Pea gravel shall conform to the following gradation requirements:

U.S. Standard Sieve Mesh	Allowable Range Percent Retained on Sieve
1/2 inch (12.5 mm)	95% passing
1/4 inch (6.3 mm)	45% passing
10 mesh (2.0 mm)	No more than 10% passing
18 mesh (1.0 mm)	No more than 5% passing

- 2. Supplier: Harbor Sand & Gravel, Redwood City, TMT Enterprises, Inc., San Jose; or equal.
- D. French drains shall have a backfill with the following general characteristics:
 - 1. USGA Root Zone Sand,
 - a. 65 percent USGA Root Zone sand conforming to the following sieve range:

Sieve Size	USGA Spec
	Individual % Retained
#4 (4.75mm)	0
#10 (2mm)	0-10% Combined
#18 (1mm)	
#35 (0.5mm)	Minimum 60% Combined
#60 (.25mm)	
#100 (.15mm)	20% Maximum
#140 (.1 mm)	5% Maximum Combined
#270 (.05mm)	
Silt (.05002mm)	5% Maximum
Clay (<.002mm)	3% Maximum

- b. 15 percent Coconut Coir Fiber.
- c. 15 percent AXIS Calcined Diatomaceous Earth.
- d. 5 percent Worm Castings.
- Supplier: 'Terra Vida French Drain Backfill Mix' by TMT Enterprises. Contact: Matt Moore 408-432-9040
- E. Sand Bedding for Storm Drain Piping: Sand conforming to Section 19-3.02F(2) of the Standard Specifications.

- F. Filter Fabric for French Drain: Mirafi 140N, or equal.
- G. Mortar: A 1:2 Portland cement to sand mixture with a minimum of water conform to the applicable sections of the Standard Specifications.
- H. Structural Adhesives for Manholes, Catch Basins, and Junction Boxes: "Ram-Nek" by Henry Company, 800-523-0268, or equal as available.
- I. Reinforcing Bars: As specified in Section 32 32 15 Landscape Concrete.
- J. Minor Concrete: Comply with requirements of Section 32 32 15 Landscape Concrete.

PART 3 - EXECUTION

3.01 EARTHWORK

A. Excavation, trenching, and backfilling are specified in Section 31 20 00 - Earth Moving.

3.02 PIPING INSTALLATION

A. General:

Pipe shall be installed per manufacturers' instructions and in conformance with the Contracts
Documents.

B. CHDPE Pipe:

- Pipe shall be installed with a minimum cover under the H-20 live load equal to 12 inches to the top
 of subgrade elevation.
- 2. Minimum compaction for pipe subject to H-20 live load is 90 percent in accordance with Section 19, Standard Specifications.
- 3. CHDPE pipe shall be laid and jointed in accordance with generally accepted practice and the following provisions to provide the required work.

3.03 INSTALLATION OF DRAINAGE STRUCTURES

- A. General: Set rim or cover elevations to specified grades utilizing a minimum of two grade rings (or extensions) at top of drainage structure to facilitate potential elevation adjustments in the future.
- B. Junction Boxes: Install as shown in the Drawings and as follows:
 - 1. Excavate as required.
 - Set on firm, unyielding base. Set on compacted select backfill material if directed by Owner's Representative.
 - Prefabricated units not having a bottom shall be set on a poured-in-place concrete slab with smooth trowel finish. Mortar and properly seal unit to slab, making a watertight connection.
 - 4. Install pipe inlets and outlets to specified elevations. Grout and/or seal all joints to a watertight condition with material per manufacturer's recommendation.
- C. French Drains and Cleanouts: Install as shown in the Drawings.
- D. Drywells, Drinking Fountain Drains, Atrium Drains and Drop Inlets: Install as shown in the Drawings and in accordance with the manufacturer's written recommendations.

3.04 IDENTIFICATION

- A. Materials and their installation are specified in Section 31 20 00 Earth Moving. Arrange for installation of green warning tape directly over piping and at outside edge of underground structures.
- B. Use detectable warning tape over nonferrous piping and over edges of underground structures.

3.05 FIELD QUALITY CONTROL

- A. The Owner's Representative shall review and accept work at the following stages:
 - 1. Excavated trench with bedding in place prior to any pipe being laid.
 - 2. Pipe laid prior to backfilling. Pipe covered prior to review and acceptance shall be uncovered and re-backfilled at Contractor's expense.
 - 3. Drainage device location and pipe connection.
 - 4. New drainage system shall be flood tested and clean of debris.

3.06 MEASUREMENT AND PAYMENT

- A. The contract unit prices paid per each for "CLEANOUT", "JUNCTION BOX", "DRYWELL", and "DRINKING FOUNTAIN DRAIN" shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals for doing all the work, complete in place, as shown on the Drawings, as required by these Specifications, and as directed by the Engineer and no additional compensation will be allowed therefor.
- B. The contract unit prices paid per linear foot for "PERFORATED DRAIN LINE", and "STORM DRAIN LINE", shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals for doing all the work, complete in place, as shown on the Drawings, as required by these Specifications, and as directed by the Engineer and no additional compensation will be allowed therefor.

END OF SECTION