

ADDENDUM NO. 1

TO CONTRACT DOCUMENTS FOR

**PROJECT: TENAYA MIDDLE SCHOOL
SPORTS FIELD IMPROVEMENTS**

760 W. 8TH STREET
MERCED, CA 95341

CLIENT: MERCED CITY SCHOOL DISTRICT

2111 WARDROBE AVENUE
MERCED, CA 95341

DATE: MAY 26, 2026

**DSA FILE No. 24-35
DSA APPLICATION No. 02-123490**

The following clarifications, changes, additions and/or deletions to the plans, specifications and addenda shall become a part of the Contract Documents for the construction of the above referenced project as fully and completely as if the same were fully set forth therein. Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of 4 pages plus 51 attachments = 55 total pages.

ITEM	REFERENCE	DESCRIPTION
1.	GENERAL INFORMATION	A. The current contract documents made available to all bidders via the District website or Builders Exchanges include near-duplicate information. The following information shall clarify, revise or delete these documents such that a unified Specifications document is established. B. The document described as "Project Specifications" (pdf is labeled "Tenaya MS Sports Field Project Specifications") is the DSA-approved document and therefore shall be modified per this Addendum. Current page length is 486 pages. C. The document described as "Bid Documents" (pdf is labeled "Tenaya Sports Field Bid Packet" shall be deleted from these contract documents. Page length is 153 pages. D. The document described as "Notice to Bidders" (pdf is labeled (001 Notice To Bidders) supersedes the Notice to Bidders document included in the DSA-approved "Project Specifications" (see 1B above) and therefore will replace it (eg, the yellow-highlighted text is updated). See below for additional modifications. E. The document described as "DSA List of Tests & Inspections" shall be integrated into the "Project Specifications" and be

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		labeled as APPENDIX 'B'. Refer to additions to the Table of Contents below for clarification. See attached (23 pages) for the revised "DSA List of Tests & Inspections"
2.	TABLE OF CONTENTS FOR TECHNICAL SECTIONS SECTION 000000	Add the following to the bottom of the text on Page 2: <u>APPENDIX 'B': DSA LIST OF TESTS & INSPECTIONS</u> See attached (2 pages)
3.	NOTICE TO BIDDERS	A. At the paragraph on Page 1 discussing Single Prime Project, the second sentence shall be revised to: <u>"The contract time shall be 360 Calendar days from the Notice of Award, anticipated by June 23, 2026."</u> B. Add the following information to this document: <u>"The Engineer's Estimate for this project is as follows:</u> • <u>Base Bid Schedule A: \$7,723,000</u> • <u>Base Bid Schedule B: \$891,000"</u> C. Add the following information to this document: <u>"Required Contractor's License(s): A California "B" contractor's license is required to bid and execute this contract. Specialty work may require a specialty contractor's license, held by Bidder or a listed subcontractor. "</u> See attached (2 pages) for the revised "Notice to Bidders".
4.	INSTRUCTION TO BIDDERS	On the first page of INSTRUCTION TO BIDDERS, where three Builders Exchange names are listed, replace the last one with <u>Dodge Construction Network; support@construction.com</u> See attached (8 pages) for the revised "Instruction to Bidders".
5.	BID FORM	A. On Page 2 of this section, below the text under Schedule of Bid Prices, replace the last sentence with <u>Bidder</u>

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		<u>acknowledges and agrees that the Base Bid Schedule A and the Base Bid Schedule B plus the bid alternates account for all items in the contract documents.</u> B. Under the revised sentence above on Page 2, add the following sentences in a new paragraph: <u>Bid Alternates: Bid alternates are identified below. The determination of lowest bid shall be based upon: Base Bid Schedule 'A' plus Base Bid Schedule 'B'.</u> C. Where BID SCHEDULE A – SPORTS FIELD RENOVATIONS is described on Page 2, replace with <u>BASE BID SCHEDULE A – SPORTS FIELD RENOVATIONS</u> D. Under BASE BID SCHEDULE A – SPORTS FIELD RENOVATIONS, Item No. 1 on Page 2, delete “<u>or Sewer</u>” from the description. E. Under BASE BID SCHEDULE A – SPORTS FIELD RENOVATIONS, Item No. 7 on Page 2, delete “<u>to location of Add Alternate #1 Concession Building,</u>” from the description. F. Under BASE BID SCHEDULE A – SPORTS FIELD RENOVATIONS, Item No. 8 on Page 3, delete entire item. G. Where BID SCHEDULE B – SITE SECURITY FENCING is described on Page 6, replace with <u>BASE BID SCHEDULE B – SITE SECURITY FENCING.</u> H. At the bottom of Base Bid Schedule B on Page 6, add a grand total bid figure combining the bid figures from Base Bid Schedules A plus B. I. Under “Alternates” at the top of Page 7, delete Alternate No. 1. See attached (9 pages) for the revised “Bid Form”.
6.	GENERAL CONDITIONS	On the first (cover) page of the GENERAL CONDITIONS, replace “MONTH & YEAR” with “<u>MAY 2026</u>”. See attached (1 page) for the revised cover page of the General Conditions.
7.	TECHNICAL SPECIFICATIONS	On Section 312000, EARTHWORK, Page 5, Item E: Delete the second paragraph that states: “E. For slab on grade foundation, the upper 2 feet of subsurface soils within the proposed concession and restroom

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		building footprint should be over-excavated and replaced with engineered fill.” See attached (6 pages) for the revised Section 312000 EARTHWORK.

END OF ADDENDUM NO. 1

By: _____
Kevin Morton
Engineer of Record

LIST OF STRUCTURAL TESTS AND SPECIAL INSPECTIONS

- ☒ Project has a geotechnical report or construction documents require special inspection by a geotechnical engineer.
☐ Project does NOT have and does NOT require a geotechnical report.

	TYPE	BY		TYPE	BY
S1 SOILS - GENERAL			C1 CAST-IN-PLACE CONCRETE		
☒ S1a: Site Preparation	Periodic	GE	☒ C1a: Mix Design	Continuous	SI
S2 COMPACTION AND FILL			☒ C1b: Reinforcing Steel	Test	LOR
☒ S2a: Fill Materials	Test	LOR*	☒ C1c: Concrete Material	Test	LOR
☒ S2b: Fill Placement	Continuous	GE*	☒ C1d: Strength Test	Test	LOR
☒ S2c: Compaction	Test	LOR*	☐ C1e: Batch Plant Inspection		SI
S3 DRIVEN DEEP FOUNDATIONS (PILES)			C2 PRESTRESSED CONCRETE		
☐ S3a: Materials and Members	Continuous	GE*	☐ C2a: Tendons and Anchorage	Test	LOR
☐ S3b: Pile Capacity	Test	LOR*	☐ C2b: Tendon Placement	Periodic	SI
☐ S3c: Driving Operations	Continuous	GE*	☐ C2c: Concrete Strength	Periodic	SI
☐ S3d: Pile Installation	Continuous	GE*	☐ C2d: Stressing Operations	Continuous	SI
☐ S3e: Specialty Piles	*	*	C3 PRECAST CONCRETE		
S4 CAST-IN-PLACE DEEP FOUNDATIONS (PIERS)			☐ C3a: General Fabrication	Continuous	SI
☒ S4a: Drilling Operations	Continuous	GE*	☐ C3b: General Erection	Periodic	SI*
☒ S4b: Pier Construction	Continuous	GE*	☐ C3c: Diaphragm Connections	Continuous	SI
☒ S4c: Bearing Strata	Continuous	GE*	☐ C3d: Diaphragm Tolerances	Periodic	SI
S5 RETAINING WALLS			C4 SHOTCRETE		
☐ S5a: Backfill Placement	Continuous	GE*	☐ C4a: Placement	Continuous	SI
☐ S5b: Soil Reinf. and Drainage	Continuous	GE*	☐ C4b: Shotcrete Material	Test	LOR
☐ S5c: Segmental Retaining Walls	Continuous	GE*	C5 POST-INSTALLED ANCHORS		
S6 OTHER SOILS			☒ C5a: Inspection	See notes	SI*
☐ S6a: Soil Improvement Test	Test	GE*	☒ C5b: Test	Test	LOR
☐ S6b: Soil Improvement Inspection	Continuous	GE*	C6 OTHER CONCRETE		
☐ S6c: Not used.	N/A	N/A	☐ C6a: Not used.	N/A	N/A
☐ S6d: Not used.	N/A	N/A	☐ C6b: Not used.	N/A	N/A
☐ S6e: Not used.	N/A	N/A	☐ C6c: Not used.	N/A	N/A
☐ S6f: Not used.	N/A	N/A	☐ C6d: Not used.	N/A	N/A
☐ S6g: Not used.	N/A	N/A	☐ C6e: Not used.	N/A	N/A
☐ S6h: Not used.	N/A	N/A	☐ C6f: Not used.	N/A	N/A
☐ S6i: Not used.	N/A	N/A	☐ C6g: Not used.	N/A	N/A
☐ S6j: Not used.	N/A	N/A	☐ C6h: Not used.	N/A	N/A
☐ S6k: Not used.	N/A	N/A	☐ C6i: Not used.	N/A	N/A
☐ S6l: Not used.	N/A	N/A	☐ C6k: Not used.	N/A	N/A
☐ S6m: Not used.	N/A	N/A	☐ C6l: Not used.	N/A	N/A
☐ S6n: Not used.	N/A	N/A	Not used.		

* See Appendix for additional information.

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Project Name: **Tenaya Middle School**
School District: **Merced City School District**

Application No.: **02-123490** Increment:
File No.: **24-35**

LIST OF STRUCTURAL TESTS AND SPECIAL INSPECTIONS

	TYPE	BY		TYPE	BY
M1 STRUCTURAL MASONRY f'm PSI:			S/A1 STEEL AND ALUMINUM		
☐ M1a: Mill Certificates - Reinf.	Periodic	SI*	☒ S/A1a: Material Identification	Periodic	*
☐ M1b: Material Certificates	Test	LOR	☒ S/A1b: Unidentified Material	Test	LOR
☐ M1c: Strength Test	Test	LOR	☒ S/A1c: Steel Fabrication	Periodic	SI
☐ M1d: Mortar Proportions	Periodic	SI	☐ S/A1d: Buckling Restrained Brace	Test*	LOR
☐ M1e: Grout Proportions	Periodic	SI	S/A2 HIGH-STRENGTH BOLTS		
☐ M1f: Batch Plant Inspection		SI	☒ S/A2a: Product Verification	Periodic	SI
☐ M1g: Core Tests	Test	LOR	☒ S/A2b: Bolts, Nuts, and Washers	Test	LOR
☐ M1h: Prisms	Continuous	SI	☐ S/A2c: Snug Tight	Periodic	SI
☐ M1i: Dowels and Supports	Periodic	SI	☒ S/A2d: Pretensioned / Slip-Critical	*	SI
☐ M1j: Reinforcement and Members	Periodic	SI	S/A3 WELDING		
☐ M1k: Reinforcement Placement	Continuous	SI	☒ S/A3a: Weld Material	Periodic	SI
☐ M1l: Grout Placement	Continuous	SI	☒ S/A3b: Certificate of Compliance	Periodic	SI
☐ M1m: Unit Layup and Joints	Periodic	SI*	☒ S/A3c: WPS and Qualifications	Periodic	SI
☐ M1n: Cold/Hot Weather Work	Periodic	SI	S/A4 SHOP WELDING		
☐ M1o: Anchors and Embeds	Continuous	SI	☒ S/A4a: Weld Category A	Continuous	SI
☐ M1p: Grout Cavity	Continuous	SI	☒ S/A4b: Weld Category B	Periodic	SI
M2 VENEER OR GLASS BLOCK PARTITIONS			☐ S/A4c: Stairs and Railing	Periodic	SI
☐ M2a: Mortar and Grout	Periodic	SI	☒ S/A4d: Reinf. Steel Weldability	Periodic	SI
☐ M2b: Unit Layup and Joints	Periodic	SI	☒ S/A4e: Reinforcing Steel	Continuous	SI
☐ M2c: Wires and Connector	Periodic	SI	S/A5 FIELD WELDING		
☐ M2d: Anchors and Embeds	Periodic	SI	☐ S/A5a: Weld Category A	Continuous	SI
☐ M2e: Cold/Hot Weather Work	Periodic	SI*	☐ S/A5b: Weld Category B	Periodic	SI
☐ M2f: Adhered Veneer Bond	Test	LOR	☐ S/A5c: End Welded Studs	Periodic	SI
M3 POST-INSTALLED ANCHORS			☐ S/A5d: Deck Welds	Periodic	SI
☐ M3a: Inspection	Varies*	SI*	☐ S/A5e: Cold-Formed Steel	Periodic	SI
☐ M3b: Test	Test	LOR	☐ S/A5f: Stairs and Railing	Periodic	SI
M4 OTHER MASONRY			☐ S/A5g: Reinf. Steel Weldability	Periodic	SI
☐ M4a: Not used.	N/A	N/A	☐ S/A5h: Reinforcing Steel	Continuous	SI
☐ M4b: Not used.	N/A	N/A	S/A6 NONDESTRUCTIVE TESTING		
☐ M4c: Not used.	N/A	N/A	☐ S/A6a: Ultrasonic	Test	LOR
☐ M4d: Not used.	N/A	N/A	☐ S/A6b: Magnetic Particle	Test	LOR
☐ M4e: Not used.	N/A	N/A	☐ S/A6c: Not used.	N/A	N/A
☐ M4f: Not used.	N/A	N/A	☐ S/A6d: Not used.	N/A	N/A
☐ M4g: Not used.	N/A	N/A	☐ S/A6e: Not used.	N/A	N/A
☐ M4h: Not used.	N/A	N/A	S/A7 STEEL JOISTS AND TRUSSES		
☐ M4i: Not used.	N/A	N/A	☐ S/A7a: Fabrication	Continuous	SI
☐ M4j: Not used.	N/A	N/A	S/A8 SPRAYED FIRE-RESISTANT MATERIALS		
☐ M4k: Not used.			☐ S/A8a: Surface and Installation	Periodic	SI
☐ M4l: Not used.			☐ S/A8b: Density	Test	LOR
☐ M4m: Not used.			☐ S/A8c: Bond: Adhesion/Cohesion	Test	LOR
* See Appendix for additional information.			* See Appendix for additional information.		

Project Name: **Tenaya Middle School**
School District: **Merced City School District**

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LIST OF STRUCTURAL TESTS AND SPECIAL INSPECTIONS

	TYPE	BY		TYPE	BY	
S/A9 ANCHOR BOLTS AND ANCHOR RODS			X OTHER			
☐ S/A9a: Anchor Rods and Bolts	Test	LOR	☐ X01: Product Load Test*	Test	LOR	
☐ S/A9b: Other Threaded Rods	Test	LOR	☐ X02: Non-HSB Installation Torque	Continuous	SI*	
S/A10 STORAGE RACK SYSTEMS			☐ X03: Not used.	N/A	N/A	
☐ S/A10a: Material Verification	Periodic	SI	☐ X04: Not used.	N/A	N/A	
☐ S/A10b: Fabrication	Periodic	SI	☐ X05: Not used.	N/A	N/A	
☐ S/A10c: Anchorage	Periodic	SI	☐ X06: Not used.	N/A	N/A	
☐ S/A10d: Completed System	Periodic	SI*	☐ X07: Not used.	N/A	N/A	
S/A11 OTHER STEEL AND ALUMINUM			☐ X08: Not used.	N/A	N/A	
☐ S/A11a: Not used.	N/A	N/A	☐ X09: Not used.	N/A	N/A	
☐ S/A11b: Not used.	N/A	N/A	☐ X10: Not used.	N/A	N/A	
☐ S/A11c: Not used.	N/A	N/A	EXEMPTIONS			
☐ S/A11d: Not used.	N/A	N/A	Those items identified on the DSA-approved construction documents with a note indicating they are not part of the DSA approval or those items checked below are exempt from test and special inspection requirements. The project inspector shall verify all construction complies with the approved construction documents.			
☐ S/A11e: Not used.	N/A	N/A				
☐ S/A11f: Not used.	N/A	N/A				
☐ S/A11g: Not used.	N/A	N/A				
☐ S/A11h: Not used.	N/A	N/A				
☐ S/A11i: Not used.	N/A	N/A				
☐ S/A11j: Not used.	N/A	N/A				
W1 PREFABRICATED WOOD TRUSSES						☐ Soils: Eligible shallow foundation elements**.
☐ W1a: Open Web Truss Fabrication	Continuous	SI				☐ Soils: Eligible deep foundation elements - type 1**.
☐ W1b: Metal Plate Truss Fabrication	Continuous	SI				☐ Soils: Eligible deep foundation elements - type 2**.
W2 MANUFACTURED WOOD ELEMENTS			☐ Concrete/Masonry: Eligible post-installed anchors**.			
☐ W2a: GL Timber Fabrication	Continuous	SI	☐ Concrete: Batch plant inspection for items listed in and complying with CBC Section 1705A.3.3.2.			
☐ W2b: CLT Fabrication	Continuous	SI	☒ Concrete: Epoxy shear dowels in nonstructural slab-on-grade per CBC Section 1910A.5.4, Exception #4.			
☐ W2c: Mass Timber Erection	Periodic	SI	☐ Concrete/Masonry: Reinforcing bar testing for items listed in and complying with CBC Section 1910A.2.			
☐ W2d: Connections Type A	Periodic	SI	☐ Masonry: Freestanding site walls and retaining walls per DSA IR 21-1.			
☐ W2e: Connections Type B	Continuous	SI	☐ Concrete: Eligible precast elements**.			
☐ W2f: Sealants	Periodic	SI	☐ Welding: Eligible fences and gates**.			
W3 OTHER WOOD			☐ Welding: Eligible railing and ramps**.			
☐ W3a: Not used.	N/A	N/A	☐ Welding: Eligible interior cold-formed steel framing**.			
☐ W3b: Not used.	N/A	N/A	☒ Welding: Eligible equipment curbs**.			
☐ W3c: Not used.	N/A	N/A	☒ Welding: Eligible components supporting MEP distribution systems**.			
☐ W3d: Not used.	N/A	N/A	☒ Welding: Eligible mounts and recreational equipment**.			
☐ W3e: Not used.	N/A	N/A	☐ Welding: Eligible nonstructural components**.			
☐ W3f: Not used.	N/A	N/A				
☐ W3g: Not used.	N/A	N/A				
☐ W3h: Not used.	N/A	N/A				
* See Appendix for additional information.			** See Appendix for eligibility requirements.			

Project Name: **Tenaya Middle School**
School District: **Merced City School District**

Application No.: **02-123490** Increment:
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LIST OF STRUCTURAL TESTS AND SPECIAL INSPECTIONS

IMPORTANT: This form is only a summary list of structural tests and some of the special inspections required for the project. Any items indicated on the approved construction documents with a note stating that the items are not part of the DSA approval are not considered in this form. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The exemption appendix at the end of this form identifies work NOT subject to DSA requirements for special inspection or structural testing. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of nonstructural components, etc., per Title 24, Part 2, Chapter 17A.

Legend to TYPE and BY Columns:

Continuous - Indicates continuous special inspection is required.

Periodic - Indicates periodic special inspection is required.

Test - Indicates a test is required.

GE - Indicates special inspection shall be performed by a registered geotechnical engineer or his/her authorized representative, usually associated with the Laboratory of Record.

LOR - Indicates test or special inspection shall be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Acceptance (LEA) Program (i.e., the Laboratory of Record for the project). See CAC Section 4-335.

PI - Indicates special inspection may be performed by a project inspector when specifically approved by DSA.

SI - Indicates special inspection shall be performed by an appropriately qualified/approved special inspector.

Required Verified Reports:

1. Soils Testing and Inspection: Form DSA 293
2. Structural Testing and Inspection: Form DSA 291
3. Post-installed Anchors: Form DSA 291 or DSA 292
4. Shop Welding Inspection: Form DSA 291 or DSA 292
5. High-Strength Bolting Inspection: Form DSA 291 or DSA 292

Verified reports are required on the following DSA forms:

DSA 291: Laboratory of Record Verified Report
 DSA 292: Special Inspectors Employed Directly by the District Verified Report
 DSA 293: Geotechnical Verified Report

Note: To facilitate DSA electronic mark-ups and identification stamp application, DSA recommends against using secured electronic or digital signatures.

Name of Design Professional in General Responsible Charge:

Kevin Morton

Name of Structural Engineer of Record (when applicable):

Kevin Morton

Signature of Architect or Structural Engineer: Date:

[Handwritten Signature]

Project Name: **Tenaya Middle School**

School District: **Merced City School District**

DSA STAMP

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-123490 INC:
 REVIEWED FOR
 SS ☒ FLS ☒ ACS ☒
 DATE: 04/30/2026

Application No.: **02-123490** Increment:
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Appendix: LIST OF STRUCTURAL TESTS AND SPECIAL INSPECTIONS

NOTE: Undefined sections and table references found in this appendix are from the CBC, or California Building Code

S1. GENERAL:	
Test or Special Inspection	Code References and Notes
S1a: Site Preparation Verify that: • Site has been prepared properly prior to placement of controlled fill and/or excavations for foundations. • Foundation excavations are extended to proper depth and have reached proper material. • Materials below footings are adequate to achieve the design bearing capacity.	* By geotechnical engineer or his or her qualified representative. (See Appendix (end of this form) form for exemptions.)
S2. SOIL COMPACTION AND FILL:	
Test or Special Inspection	Code References and Notes
S2a: Fill Materials Perform classification and testing of fill materials.	* Under the supervision of the geotechnical engineer.
S2b: Fill Placement Verify use of proper materials, densities and inspect lift thicknesses, placement and compaction during placement of fill.	* By geotechnical engineer or his or her qualified representative. (Refer to specific items identified in the Appendix (end of this form) form for exemptions where soils SI and testing may be conducted under the supervision of a geotechnical engineer or LOR's engineering manager. In such cases, the LOR's form DSA 291 shall satisfy the soil SI and test reporting requirements for the exempt items.)
S2c: Compaction Compaction testing.	* Under the supervision of the geotechnical engineer. (Refer to specific items identified in the Appendix (end of this form) for exemptions where soils testing may be conducted under the supervision of a geotechnical engineer or LOR's engineering manager. In such cases, the LOR's form DSA 291 shall satisfy the soil test reporting requirements for the exempt items.)
S3. DRIVEN DEEP FOUNDATIONS (PILES):	
Test or Special Inspection	Code References and Notes
S3a: Materials and Members Verify pile materials, sizes and lengths comply with the requirements.	* By geotechnical engineer or his or her qualified representative.
S3b: Pile Capacity Determine capacities of test piles and conduct additional load tests as required.	* Under the supervision of the geotechnical engineer.
S3c: Driving Operations Inspect driving operations and maintain complete and accurate records for each pile.	* By geotechnical engineer or his or her qualified representative.

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S3d: Pile Installation Verify locations of piles and their plumbness, confirm type and size of hammer, record number of blows per foot of penetration, determine required penetrations to achieve design capacity, record tip and butt elevations and record any pile damage.	* By geotechnical engineer or his or her qualified representative.
S3e: Specialty Piles For specialty piles, perform additional inspections as determined by the registered design professional in responsible charge.	* As defined on drawings or specifications.

S4. CAST-IN-PLACE DEEP FOUNDATIONS (PIERS):	
Test or Special Inspection	Code References and Note
S4a: Drilling Operations Inspect drilling operations and maintain complete and accurate records for each pier.	* By geotechnical engineer or his or her qualified representative. (See Appendix (end of this form) for exemptions.)
S4b: Pier Construction Verify pier locations, diameters, plumbness, bell diameters (if applicable), lengths and embedment into bedrock (if applicable); record concrete or grout volumes.	* By geotechnical engineer or his or her qualified representative. (See Appendix (end of this form) for exemptions.)
S4c: Bearing Strata Confirm adequate end strata bearing capacity.	* By geotechnical engineer or his or her qualified representative. (See Appendix (end of this form) for exemptions.)

S5. RETAINING WALLS:	
Test or Special Inspection	Code References and Notes
S5a: Backfill Placement Placement, compaction and inspection of backfill.	1705A.6.1. * By geotechnical engineer or his or her qualified representative. (See section S2 above).
S5b: Soil Reinf. and Drainage Placement of soil reinforcement and/or drainage devices.	* By geotechnical engineer or his or her qualified representative.
S5c: Segmental Retaining Walls Segmental retaining walls; inspect placement of units, dowels, connectors, etc.	* By geotechnical engineer or his or her qualified representative. See DSA IR 18-2.

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Appendix: LIST OF STRUCTURAL TESTS AND SPECIAL INSPECTIONS

S6 OTHER SOILS	
Test or Special Inspection	Code References and Notes
S6a Soil Improvements	Submit a comprehensive report documenting final soil improvements constructed, construction observation and the results of the confirmation testing and analysis to CGS (California Geological Survey) for final acceptance. * By geotechnical engineer or his or her qualified representative.
S6b Inspection of Soil Improvements	* By geotechnical engineer or his or her qualified representative.
S6c. Not used.	N/A
S6d. Not used.	N/A
S6e. Not used.	N/A
S6f. Not used.	N/A
S6g. Not used.	N/A
S6h. Not used.	N/A
S6i. Not used.	N/A
S6j. Not used.	N/A
S6k. Not used.	N/A
S6l. Not used.	N/A
S6m. Not used.	N/A
S6n. Not used.	N/A

Project Name: **Tenaya Middle School**
School District: **Merced City School District**

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Appendix: LIST OF STRUCTURAL TESTS AND SPECIAL INSPECTIONS

C1. CAST-IN-PLACE CONCRETE	
Test or Special Inspection	Code References and Notes
C1a: Mix Design Verify use of required design mix.	Table 1705A.3 Item 5, 1903A.5, 1903A.7, 1904A.1, 1904A.2, 1910A.1 ; ACI 318 Ch. 19, 26.4, 26.13.3.2.
C1b: Reinforcing Steel Identify, sample, and test reinforcing steel.	Table 1705A.3 Item 1, 1705A.3.9, 1908A.1, 1910A.2; ACI 318 Ch. 20 and Sections 25.2, 25.3, 25.5.1, 26.6.1; DSA IR 17-10 and BU 24-02. (See Appendix (end of this form) for exemptions.)
C1c: Concrete Material During concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	Table 1705A.3 Item 6, 1705A.3.9, 1905A.1.17; ASTM C31, ASTM C172; ACI 318 Sections 26.4, 26.5 & 26.12.
C1d: Strength Test Test concrete (f'_c).	1905A.1.17; ACI 318 Section 26.12.
C1e: Batch Plant Inspection Batch plant inspection: Continuous	Default of "Continuous" per 1705A.3.3. If approved by DSA, batch plant inspection may be reduced to "Periodic" subject to requirements in Section 1705A.3.3.1, or not required per 1705A.3.3.2. See IR 17-13. (See Appendix (end of this form) for exemptions.)

C2. PRESTRESSED / POST-TENSIONED CONCRETE (IN ADDITION TO SECTION C1):	
Test or Special Inspection	Code References and Notes
C2a: Tendons and Anchorage Sample and test prestressing tendons and anchorages.	1705A.3.4 Table 1705A.3 Item 1, 1910A.3; ACI 318 Ch. 20 and Sections 25.2, 26.6.1.
C2b: Tendon Placement Inspect placement of prestressing tendons.	1705A.3.4, Table 1705A.3 Items 1 & 9; ACI 318 Ch. 20 and Sections 25.2, 26.6.1-26.6.3.
C2c: Concrete Strength Verify in-situ concrete strength prior to stressing of post-tensioning tendons.	Table 1705A.3 Item 13; ACI 318 Sections 26.10.2, 26.11.2, 26.13.3.3. Special inspector to verify specified concrete strength test prior to stressing.
C2d: Stressing Operations Inspect application of post-tensioning or prestressing forces and grouting of bonded prestressing tendons.	1705A.3.4, Table 1705A.3 Item 9; ACI 318 Sections 26.10.2, 26.13.1, 26.13.3.2.

C3. PRECAST CONCRETE (IN ADDITION TO SECTION C1):	
Test or Special Inspection	Code References and Notes
C3a: General Fabrication 1. Inspect fabrication of precast concrete members. * 2. Inspect reinforcement of the following precast concrete elements or system(s): a. special moment frames. b. boundary elements of special structural walls. c. coupling beams.	1705A.3 Item 1, 7. See Appendix for exemptions. *May be periodic where fabrication occurs in a PCI-certified plant. For underground structures, NPCA plant certification is acceptable. PCI MNL-116-21; PCI MNL-117-13; NPCA Quality Control Manual (QCM) 17th Edition. See IR A-15.

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C3b: General Erection Inspect erection of precast concrete members.	Table 1705A.3 Item 10.
C3c: Diaphragm Connections For precast concrete diaphragm connections or reinforcement at joints classified as moderate or high deformability elements (MDE or HDE) in structures assigned to Seismic Design Category D, E or F, inspect such connections and reinforcement in the field for: 1. Installation of the embedded parts. 2. Completion of the continuity of reinforcement across joints. 3. Completion of connections in the field.	Table 1705A.3 Item 11.
C3d: Diaphragm Tolerances Inspect installation tolerances of precast concrete diaphragm connections for compliance with ACI 550.5.	Table 1705A.3 Item 12

C4. SHOTCRETE (IN ADDITION TO SECTION C1):	
Test or Special Inspection	Code References and Notes
C4a: Placement Inspect shotcrete placement for proper application techniques.	1705A.3.9, Table 1705A.3 Item 7, 1908A.1, 1908A.2, 1908A.3. See ACI 506.2 Section 3.4, and ACI 506R.
C4b: Shotcrete Material Sample and test shotcrete (f'_c).	1908A.2 and 1705A.3.9.

C5. POST-INSTALLED ANCHORS:	
Test or Special Inspection	Code References and Notes
C5a: Inspection Inspect installation of post-installed anchors	1617A.1.19, Table 1705A.3 Item 4a (Continuous) & 4b (Periodic), 1705A.3.8 (See Appendix (end of this form) for exemptions). ACI 318 Sections 26.7.2, 26.13.1, 26.13.3.2, 26.13.3.3. * May be performed by the project inspector when specifically approved by DSA.
C5b: Test Test post-installed anchors.	1910A.5. (See Appendix (end of this form) for exemptions.)

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C6. OTHER CONCRETE:	
Test or Special Inspection	Code References and Notes
C6a. Not used.	N/A
C6b. Not used.	N/A
C6c. Not used.	N/A
C6d. Not used.	N/A
C6e. Not used.	N/A
C6f. Not used.	N/A
C6g. Not used.	N/A
C6h. Not used.	N/A
C6i. Not used.	N/A
C6j. Not used.	N/A
C6k. Not used.	Not used.
C6l. Not used.	Not used.

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M1. STRUCTURAL MASONRY:	
Test or Special Inspection	Code References and Notes
M1a: Mill Certificates - Reinf. Mill certificate indicates compliance with requirements for reinforcement, anchors, ties, fasteners and metal accessories. See item C1(b) for identification, sampling and testing of reinforcing steel.	2103A.4; TMS 602-16 Article 1.5B.2 & 2.4. * To be performed by qualified LOR representative. Applicable testing by LOR. See IR 17-10 for unidentified reinforcing steel.
M1b: Material Certificates Producer's certificate of compliance for masonry units, mortar and grout materials.	1705A.4, 2103A.2, 2103A.3, 2103A.5; TMS 602 Articles 1.5B.2, 2.1, 2.2, 2.6A and 2.6B, and Table 6 footnote 3.
M1c: Strength Test Test masonry (f_m).	1705A.4. For Unit Strength: 2105A.3; TMS 602 Articles 1.4B.2, 1.5B.1 & 1.5B.2. For Prism (required when $f_m > 2000$ psi): 2105A.2; TMS 602 Articles 1.4B.3, 1.4B.4, 1.5B.1 & 1.5B.2.
M1d: Mortar Proportions Verify proportions or properties of site-prepared, premixed or preblended mortar.	TMS 602, Table 3 (row 5), Table 4 Item 1a. DSA PR 20-01. (See Appendix (end of this form) for exemptions.)
M1e: Grout Proportions Verify proportions or properties of site-prepared, premixed or preblended grout.	TMS 602, Table 3 (row 5), Table 4 Item 2d. (See Appendix (end of this form) for exemptions.)
M1f: Batch Plant Inspection Batch plant inspection: Periodic	Default of ' Continuous ' per 1705A.3.3 . If approved by DSA, batch plant inspection may be reduced to ' Periodic ' subject to requirements in Section 1705A.3.3.1 , or not required per 1705A.3.3.2 . See IR 17-13. Refer to TMS 602 Table 3 and Table 4, Item #3a. (See Appendix (end of this form) for exemptions.)
M1g: Core Tests Test core-drilled samples.	2105A.4. (See Appendix (end of this form) for exemptions.)
M1h: Prisms Inspect preparation of prisms.	TMS 602 Articles 1.4.B.3 & 1.4.B.4 & Table 4 Item 4.
M1i: Dowels and Supports Verify size, location and condition of all dowels, construction supporting masonry, etc.	
M1j: Reinforcement and Members Verify size, grade and type of reinforcement, connectors, and anchor bolts. Verify size and location of structural members.	TMS 602 Table 4, Items 1c & 3c.
M1k: Reinforcement Placement Inspect placement of reinforcement, anchor bolts, and connectors.	TMS 602 Table 4 Item 2c.
M1l: Grout Placement Placement, consolidation, and reconsolidation of grout.	TMS 602 Table 4 Item 3h.
M1m: Unit Layout and Joints Inspect placement of masonry units and construction of mortar joints.	TMS 602 Table 4 Item 3b.
M1n: Cold/Hot Weather Work Verify preparation, construction and protection of masonry during cold weather (temperature below 40° F) or hot weather (temperature above 90° F).	TMS 602 Table 4 Item 3f. * May be performed by the project inspector when specifically approved by DSA.
M1o: Anchors and Embeds Inspect type, size and location of anchors and all other items to be embedded in masonry including other details of anchorage of masonry	TMS 602 Table 4 Item 3d.

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to structural members, frames and other construction.	
M1p: Grout Cavity Inspect grout space, including mortar protrusions, prior to placement of grout.	TMS 602 Table 4 Item 2a.

M2. VENEER OR GLASS BLOCK PARTITIONS:	
Test or Special Inspection	Code References and Notes
M2a: Mortar and Grout Verify proportions of site prepared mortar and grout and/or verify certification of premixed mortar.	TMS 602 Table 3 (row 5) and Table 4 Items 1a & 2d.
M2b: Unit Layup and Joints Inspect placement of units and construction of mortar joints.	TMS 602 Table 4 Item 3b.
M2c: Wires and Connector Inspect placement of wire, connectors and anchors	TMS 602 Table 4 Item 2c.
M2d: Anchors and Embeds Inspect type, size and location of anchors and all other items to be embedded in masonry veneer including details of anchorage of masonry to veneer backing, frames and other construction.	TMS 602 Table 4 Item 3d.
M2e: Cold/Hot Weather Work Verify preparation, construction and protection of masonry during cold weather (temperature below 40° F) or hot weather (above 90° F).	TMS 602 Table 4 Item 3f. * May be performed by the project inspector when specifically approved by DSA.
M2f: Adhered Veneer Bond Test adhered veneer bond strength.	1410.2.1 (Field-constructed mock-up using specified unit, mortar, and substrate, laboratory tested in accordance with ASTM C1823).

M3. POST-INSTALLED ANCHORS IN MASONRY:	
Test or Special Inspection	Code References and Notes
M3a: Inspection Inspect installation of post-installed anchors	1617A.1.19, 1705A.4, Table 1705A.3 Item 4a (Continuous) & 4b (Periodic); ACI 318 Section 26.13. * May be performed by the project inspector when specifically approved by DSA. (See Appendix (end of this form) for exemptions.)
M3b: Test Test post-installed anchors.	1705A.4, 1910A.5. (See Appendix (end of this form) for exemptions.)

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M4. OTHER MASONRY:	
Test or Special Inspection	Code References and Notes
M4a. Not used.	N/A
M4b. Not used.	N/A
M4c. Not used.	N/A
M4d. Not used.	N/A
M4e. Not used.	N/A
M4f. Not used.	N/A
M4g. Not used.	N/A
M4h. Not used.	N/A
M4i. Not used.	N/A
M4j. Not used.	N/A
M4k. Not used.	Not used.
M4l. Not used.	Not used.

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S/A1. STRUCTURAL STEEL, COLD-FORMED STEEL AND ALUMINUM USED FOR STRUCTURAL PURPOSES	
Test or Special Inspection	Code References and Notes
S/A1a: Material Identification Verify identification of all materials and: • Mill certificates indicate material properties that comply with requirements. • Material sizes, types and grades comply with requirements.	Table 1705A.2.1 Item 3a–3c. 2202A.1; AISI S100 Section A3.1 & A3.2, AISI S240 Section A3 & A5, AISI S220 Sections A4 & A6. *By special inspector or qualified technician when performed off-site.
S/A1b: Unidentified Material Test unidentified materials	2202A.1.
S/A1c: Steel Fabrication Verify and document steel fabrication per DSA- approved construction documents.	Not applicable to cold-formed steel light-frame construction, except for trusses (1705A.2.4).
S/A1d: Buckling Restrained Brace Verify and document steel fabrication per DSA-approved construction documents.	Testing and special inspections in accordance with IR 22-4. For DSA accepted fabrication shops, BRB manufacturer's Certificate of Compliance in lieu of testing and special inspections. See IR 22-4.

S/A2. HIGH-STRENGTH BOLTS:	
Test or Special Inspection	Code References and Notes
S/A2a: Product Verification Verify identification markings and manufacturer's certificates of compliance conform to ASTM standards specified in the DSA-approved documents.	Table 1705A.2.1 Items 1a & 1b, 2202A.1; AISC 360 Section A3.3, J3.1, and N3.2; RCSC Section 1.5 & 2.1; DSA IR 17-8 & DSA IR 17-9.
S/A2b: Bolts, Nuts, and Washers Test high-strength bolts, nuts and washers.	Table 1705A.2.1 Item 1c, 2213A.1; RCSC Section 7.2; DSA IR 17-8.
S/A2c: Snug Tight Bearing-type ("snug tight") connections.	Table 1705A.2.1 Item 2a, 1705A.2.6, 2204A.2; AISC 360 J3.1, J3.2, M2.5 & N5.6; RCSC Section 9.1; DSA IR 17-9.
S/A2d: Pretensioned / Slip-Critical Pretensioned and slip-critical connections.	Table 1705A.2.1 Items 2b & 2c, 1705A.2.6, 2204A.2; AISC 360 J3.1, J3.2, M2.5 & N5.6; RCSC Sections 9.2 & 9.3; DSA IR 17-9 **"Continuous" or "Periodic" depends on the tightening method used.

S/A3. WELDING:	
Test or Special Inspection	Code References and Notes
S/A3a: Weld Material Verify weld filler material identification markings per AWS designation listed on the DSA-approved documents and the WPS.	1705A.2.5, Table 1705A.2.1 Items 4 & 5; AWS D1.1 and AWS D1.8 for structural steel; AWS D1.2 for Aluminum; AWS D1.3 for cold-formed steel; AWS D1.4 for reinforcing steel; DSA IR 17-3.
S/A3b: Certificate of Compliance Verify weld filler material manufacturer's certificate of compliance.	DSA IR 17-3.
S/A3c: WPS and Qualifications Verify WPS, welder qualifications and equipment.	DSA IR 17-3.

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S/A4. SHOP WELDING (IN ADDITION TO SECTION S/A3):	
Test or Special Inspection	Code References and Notes
S/A4a: Weld Category A Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds.	Table 1705A.2.1 Items 5a.1–4; AISC 360 (and AISC 341 as applicable); DSA IR 17-3.
S/A4b: Weld Category B Inspect single-pass fillet welds ≤ 5/16", floor and roof deck welds.	1705A.2.2, Table 1705A.2.1 Items 5a.5 & 5a.6; AISC 360 (and AISC 341 as applicable); DSA IR 17-3.
S/A4c: Stairs and Railing Inspect welding of stairs and railing systems.	1705A.2.1; AISC 360 (and AISC 341 as applicable); AWS D1.1 & D1.3; DSA IR 17-3.
S/A4d: Reinf. Steel Weldability Verification of reinforcing steel weldability other than ASTM A706.	1705A.3.1; AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.
S/A4e: Reinforcing Steel Inspect welding of reinforcing steel.	Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8; AWS D1.4; DSA IR 17-3.

S/A5. FIELD WELDING (IN ADDITION TO SECTION S/A3):	
Test or Special Inspection	Code References and Notes
S/A5a: Weld Category A Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds.	Table 1705A.2.1 Items 5a.1–4; AISC 360 (AISC 341 as applicable); DSA IR 17-3.
S/A5b: Weld Category B Inspect single-pass fillet welds ≤ 5/16".	Table 1705A.2.1 Item 5a.5; AISC 360 (AISC 341 as applicable); DSA IR 17-3.
S/A5c: End Welded Studs Inspect end-welded studs (ASTM A-108) installation (including bend test).	2213A.2; AISC 360 (AISC 341 as applicable); AWS D1.1; DSA IR 17-3.
S/A5d: Deck Welds Inspect floor and roof deck welds.	1705A.2.2, Table 1705A.2.1 Item 5a.6; AISC 360 (AISC 341 as applicable); AWS D1.3; DSA IR 17-3.
S/A5e: Cold-Formed Steel Inspect welding of structural cold-formed steel.	1705A.2.5; AWS D1.3; DSA IR 17-3. The quality control provisions of AISI S240 Chapter D shall also apply. * May be performed by the project inspector when specifically approved by DSA.
S/A5f: Stairs and Railing Inspect welding of stairs and railing systems.	1705A.2.1; AISC 360 (AISC 341 as applicable); AWS D1.1 & D1.3; DSA IR 17-3. * May be performed by the project inspector when specifically approved by DSA.
S/A5g: Reinf. Steel Weldability Verification of reinforcing steel weldability.	1705A.3.1; AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.
S/A5h: Reinforcing Steel Inspect welding of reinforcing steel.	Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8; AWS D1.4; DSA IR 17-3.

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S/A6. NONDESTRUCTIVE TESTING:	
Test or Special Inspection	Code References and Notes
S/A6a: Ultrasonic Ultrasonic	1705A.2.1, Table 1705A.2.1 Item 4c, 1705A.2.5; AISC 341 J6.2, AISC 360 N5.5; AWS D1.1, AWS D1.8; DSA IR 17-2.
S/A6b: Magnetic Particle Magnetic Particle	1705A.2.1, Table 1705A.2.1 Item 4c, 1705A.2.5; AISC 341 J6.2, AISC 360 N5.5; AWS D1.1, AWS D1.8; DSA IR 17-2.
S/A6c: Not used.	N/A
S/A6d: Not used.	N/A
S/A6e: Not used.	N/A

S/A7. STEEL JOISTS AND TRUSSES:	
Test or Special Inspection	Code References and Notes
S/A7a: Fabrication Verify size, type and grade for all chord and web members as well as connectors and weld filler material; verify joist profile, dimensions and camber (if applicable); verify all weld locations, lengths and profiles; mark or tag each joist.	1705A.2.3, Table 1705A.2.3; AWS D1.1; DSA IR 22-3 for steel joists only. 1705A.2.4; AWS D1.3 for cold-formed steel trusses.

S/A8. SPRAYED FIRE-RESISTANT MATERIALS:	
Test or Special Inspection	Code References and Notes
S/A8a: Surface and Installation Examine structural steel surface conditions, inspect application, take samples, measure thickness and verify compliance of all aspects of application with DSA-approved documents.	1705A.15, 1705A.15.1, 1705A.15.2, 1705A.15.3, 1705A.15.4, 1705A.15.5, 1705A.15.6.
S/A8b: Density Test density.	1705A.15.1, 1705A.15.5, ASTM E605
S/A8c: Bond: Adhesion/Cohesion Bond strength adhesion/cohesion.	1705A.15.1, 1705A.15.6, ASTM E736

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S/A9. ANCHOR BOLTS AND ANCHOR RODS:	
Test or Special Inspection	Code References and Notes
S/A9a: Anchor Rods and Bolts Anchor Bolts and Anchor Rods	Identify, sample and test anchor bolts and anchor rods not meeting exemptions identified in Section 1 of IR 17-11.
S/A9b: Other Threaded Rods Threaded rod not used for foundation anchorage.	Identify, sample and test threaded rods not meeting exemptions identified in Section 1 of IR 17-11.

S/A10. STORAGE RACK SYSTEMS:	
Test or Special Inspection	Code References and Notes
S/A10a: Material Verification Materials used, to verify compliance with one or more of the material test reports in accordance with the approved construction documents.	Table 1705A.13.7
S/A10b: Fabrication Fabricated storage rack elements.	1704A.2.5; Table 1705A.13.7
S/A10c: Anchorage Storage rack anchorage installation.	ANSI/MH16.1 Section 7.3.2; Table 1705A.13.7
S/A10d: Completed System Completed storage rack system to indicate compliance with the approved construction documents.	Table 1705A.13.7; * May be preformed by the project inspector when specifically approved by DSA.

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S/A11. Other Steel	
Test or Special Inspection	Code References and Notes
S/A11a. Not used.	N/A
S/A11b. Not used.	N/A
S/A11c. Not used.	N/A
S/A11d. Not used.	N/A
S/A11e. Not used.	N/A
S/A11f. Not used.	N/A
S/A11g. Not used.	N/A
S/A11h. Not used.	N/A
S/A11i. Not used.	N/A
S/A11j. Not used.	N/A
S/A11k. Not used.	Not used.
S/A11l. Not used.	Not used.

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W1. PREFABRICATED WOOD TRUSSES:	
Test or Special Inspection	Code References and Notes
W1a: Open Web Truss Fabrication Inspect fabrication of manufactured open-web trusses.	1705A.5.6 ; DSA IR 23-8.
W1b: Metal Plate Truss Fabrication Inspect fabrication of manufactured metal-plate- connected trusses.	1705A.5.6, 1705A.5.7 ; DSA IR 23-4.
W2. MANUFACTURED WOOD STRUCTURAL ELEMENTS:	
Test or Special Inspection	Code References and Notes
W2a: GLS Timber Fabrication Inspect fabrication of structural glued-laminated timber.*	* See 1705A.5.5 for exceptions
W2b: CLT Fabrication Inspect fabrication of cross-laminated timber.	1705A.5.5
W2c: Mass Timber Erection Inspect erection of mass timber.	Table 1705A.5.3 , Item 2
W2d: Connections Type A Inspect mass timber connections with threaded fasteners, bolts, and/or adhesive anchors other than described in item e below. Inspect concealed mass timber connections.	Table 1705A.5.3 , Items 3.1, 3.3, 3.4, 3.5. For threaded fasteners: Verify use of proper installation equipment. Verify use of pre-drilled holes where required. Inspect screws, including diameter, length, head type, spacing, installation angle, and depth.
W2e: Connections Type B Inspect mass timber connections with adhesive anchors installed in a horizontal or upward orientation.	Table 1705A.5.3 , Item 3.2
W2f: Sealants Inspect application of sealants or adhesives applied to mass timber elements.	1705A.20

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W3. OTHER Wood:	
Test or Special Inspection	Code References and Notes
W3a. Not used.	N/A
W3b. Not used.	N/A
W3c. Not used.	N/A
W3d. Not used.	N/A
W3e. Not used.	N/A
W3f. Not used.	N/A
W3g. Not used.	N/A
W3h. Not used.	N/A
W3i. Not used.	N/A
W3j. Not used.	N/A
W3k. Not used.	Not used.
W3l. Not used.	Not used.

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X1. OTHER:	
Test or Special Inspection	Code References and Notes
X01. Load test for identified product(s):	1709A.2, 1709A.3. Testing is not required for: 1) a product with a valid evaluation service report per DSA IR A-5, or 2) a product that can be justified by structural calculation.
X02. Installation torque for non-HS bolts on communication tower identified as essential service facility projects (ESFP).	Calibrated wrench use required, verified by SI during installation. DSA Policy PL 18-01: Communication Towers, Poles and Buildings Utilized by State Agencies for Essential Services Communications. *EXCEPTION: Non-ESFP may use PI without need for notification to DSA.
X03. Not used.	N/A
X04. Not used.	N/A
X05. Not used.	N/A
X06. Not used.	N/A
X07. Not used.	N/A
X08. Not used.	N/A
X09. Not used.	N/A
X10. Not used.	N/A

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EXEMPTIONS

SOILS - EXEMPTIONS:

Soils: Eligible shallow foundation elements | Shallow foundations, are exempt from special inspections and testing by a Geotechnical Engineer for the following cases: A) buildings without a geotechnical report and meeting the exception Item #1 criteria in CBC Section 1803A.2 supported by native soil (any excavation depth) or fill soil (not exceeding 12" depth per CBC, Section 1804A.6), B) soil scarification/recompaction not exceeding 12" depth, C) native or fill soil supporting exterior non-structural flatwork (e.g., sidewalks, site concrete ramps, site stairs, parking lots, driveways, etc.), D) unpaved landscaping and playground areas, or E) utility trench backfill with depth not exceeding 12". These exempt structures shall be identified on the approved construction documents.

Soils: Eligible deep foundation elements, Type 1 | Deep foundation acting as cantilever footing with a design based on minimum allowable pressures per CBC Table 1806A.2 and without a geotechnical report are exempt from special inspection and testing by a Geotechnical Engineer for the following cases: A) free standing sign or scoreboard, B) cell or antenna towers and poles less than 35'-0" tall (e.g., lighting poles, flag poles, poles supporting open mesh fences, etc.). These exempt structures shall be identified on the approved construction documents.

Soils: Eligible deep foundation elements Type 2 | Deep foundation acting as cantilever footing with a design based on minimum allowable pressures per CBC Table 1806A.2 and without a geotechnical report are exempt from special inspection and testing by a Geotechnical Engineer for the following cases: A) single-story open fabric shade structure, or B) covered walkway structure with an apex height less than 10'-0" above adjacent grade. These exempt structures shall be identified on the approved construction documents.

CONCRETE/MASONRY - EXEMPTIONS:

Concrete/Masonry: Eligible post-installed anchors | Post-installed anchors for the following: A) exempt non-structural components (e.g., mechanical, electrical, plumbing equipment – see item 7 for "Welding" in the Appendix below) given in CBC Section 1617A.1.18 or B) interior nonstructural wall partitions meeting criteria listed in exempt item 3 for "Welding" in the Appendix below.

Concrete: Batch plant inspection for items listed in and complying with CBC Section 1705A.3.3.2. | Concrete batch plant inspection is not required for items given in CBC Section 1705A.3.3.2 subject to the requirements and limitations in that section.

Concrete: Epoxy shear dowels in nonstructural slab-on-grade per CBC Section 1910A.5.4, Exception #4. | Epoxy shear dowels in site flatwork and/or other nonstructural concrete.

Concrete/Masonry: Reinforcing bar testing for items listed in and complying with CBC Section 1910A.2. | Testing of reinforcing bars is not required for items given in CBC Section 1910A.2 subject to the requirements and limitations in that section. These exempt structures shall be identified on the approved construction documents.

Masonry: Freestanding site walls and retaining walls per DSA IR 21-1. | Freestanding and site retaining masonry walls may be exempt from certain DSA masonry testing and special inspection items as allowed per DSA IR 21-1.

Eligible precast elements | Structural tests and special inspections are not required for the following concrete precast elements. Provide a certificate of compliance at delivery. Exemptions shall be identified on the approved construction documents.

1. Underground vaults no greater than 5 feet x 5 feet x unlimited height and pipe manufactured to an ASTM standard, 5 foot or less in diameter.
2. Elements manufactured in a PCI or NPCA certified manufacturing plant:

Project Name: **Tenaya Middle School**
School District: **Merced City School District**

Application No.: **02-123490** Increment:
File No.: **24-35**

Appendix: LIST OF STRUCTURAL TESTS AND SPECIAL INSPECTIONS

- | | |
|----|---|
| A. | Underground vaults no greater than 16 feet in both length and width, of unlimited height, not subject to loading greater than HS 20-44. |
| B. | Pipe. |
| C. | Stair treads, landing planks. |

WELDING - EXEMPTIONS:

Welding: Eligible fences and gates | Fences, gates with maximum leaf span of 10', and gates with a maximum rolling section of 10' all having an apex height less than 8'-0" above lowest adjacent grade.

Welding: Eligible railing and ramps | Handrails, guardrails, and modular or relocatable ramps associated with walking surfaces less than 30" above adjacent grade; fillet welds shall not be ground flush.

Welding: Eligible interior cold-formed steel framing | Non-bearing non-shearwall interior cold-formed steel framing spanning less than 15'-0" in height and header less than 10'-0" in opening width, such as in interior partitions, interior soffits, etc.

Welding: Eligible equipment curbs | Manufactured support frames and curbs using hot rolled or cold-formed steel (i.e., light gauge) for mechanical, electrical, or plumbing equipment weighing less than 2000# (equipment only) (connections of such frames to superstructure elements using welding will require special inspection.)

Welding: Eligible components supporting MEP distribution systems | Manufactured components (e.g., Tolco, B-Line, Afcon, etc.) for mechanical, electrical, or plumbing hanger support and bracing (connections of such components to superstructure elements using welding will require special inspection.)

Welding: Eligible mounts and recreational equipment | TV Brackets, projector mounts with a valid listing (see DSA IR A-5) and recreational equipment (e.g., playground structures, basketball backstops, etc.) (connections of such elements to superstructure elements using welding will require special inspection.)

Welding: Eligible nonstructural components | Any support for exempt non-structural components given in CBC Section 1617A.1.18 meeting the following: A) when supported on a floor/roof, <400# or resulting composite center of mass (including component's center of mass) $\leq 4'$ above supporting floor/roof, B) when hung from a wall or roof/floor, and <20# for discrete units or <5 plf for distributed systems.

Project Name: **Tenaya Middle School**
 School District: **Merced City School District**

Application No.: **02-123490** Increment:
 File No.: **24-35**

TABLE OF CONTENTS FOR TECHNICAL SECTIONS

SECTION NO.	SECTION TITLE
	BID SPECIFICATIONS
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024000	DEMOLITION
027900	BASEBALL FIELD SURFACING
028100	IRRIGATION
028700	SITE FURNISHINGS
029110	LANDSCAPE SOIL PREPARATION
029340	PLANTING
029350	LANDSCAPE MAINTENANCE
032000	CONCRETE REINFORCEMENT
033000	CAST IN PLACE CONCRETE
087100	GATE HARDWARE
116710	OUTDOOR ADULT FITNESS EQUIPMENT
129300	TRACK SITE FURNISHINGS
260000	GENERAL ELECTRICAL REQUIREMENTS
260519	LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES
260526	GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS
260533	RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS
260533.13	SURFACE RACEWAY
260533.33	OUTDOOR GROUND BOXES FOR ELECTRICAL SYSTEMS
260543	UNDERGROUND DUCTS AND RACEWAYS FOR ELECTRICAL SYSTEMS
260553	ELECTRICAL SYSTEMS IDENTIFICATION
260923	LIGHTING AND CONTROL DEVICES
262200	LOW VOLTAGE TRANSFORMERS
262416	DISTRIBUTION PANELBOARDS
264300	SURGE PROTECTIVE DEVICES
265600	EXTERIOR LIGHTING
312000	EARTHWORK
312300	EXCAVATION AND FILL
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313119	VEGETATION CONTROL
320523	CONCRETE FOR EXTERIOR IMPROVEMENTS
321100	BASE COURSES
321123	PERMEABLE BASE FOR SYNTHETIC TURF SYSTEM
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321216.10	TRACK ASPHALT PAVING
321300	RIGID PAVING
321813	SYNTHETIC TURF SYSTEM
321823.10	SYNTHETIC RUNNING TRACK SURFACING-MATERIALS ONLY (DISTRICT PURCHASED THROUGH CMAS UNDER SEPARATE CONTRACT)
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321823.53	ATHLETIC AND RECREATIONAL SURFACING
323113	CHAIN LINK FENCE AND GATES

323119	DECORATIVE METAL FENCES AND GATES – ECHELON II
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329200	TURF AND GRASSES
330516	UTILITY STRUCTURES
331000	WATER UTILITIES
334000	STORM DRAINAGE UTILITIES
	APPENDIX 'A': HORTICULTURAL SOILS REPORT
	APPENDIX 'B': DSA LIST OF TESTS & INSPECTIONS

NOTICE TO BIDDERS

Notice is hereby given that the Merced City School District (hereinafter referred to as “Owner”), acting by and through its Governing Board, will receive sealed bids before but no later than **11:00 AM, Friday, June 12th, 2026, for:**

**Tenaya Middle School Sports Field Renovation
Bid # 2025-4**

as per drawings and specifications, which may now be obtained from the Architect:

TANAKA DESIGN GROUP

ATTN:

Bob Tanaka

bob@tanakadesign.com

3755 Balboa Street, Suite 204

San Francisco, CA 94121

415-845-7340

Bids will be publicly opened and read aloud at **11:00 AM on Friday, June 12th, 2026**, at the Merced City School District, Facilities Services Department Operational Center (OSSC), 2111 Wardrobe Avenue, Merced, CA. 95341.

Before submitting bids, all bidders **must** prequalify through the [Quality Bidders](#) website. Each bid must conform and be responsive to all pertinent Bidding and Contract Documents. Complete instructions to access documents can be requested from the MCSD Department Secretary of Facilities Services, Holly Alcorn, by email at halcorn@mcsd.k12.ca.us. Bid documents are available for review without registration at the following plan rooms:

Central California Builders Exchange
Valley Builders Exchange, Inc.
Dodge Construction Network

info@cencalbx.com
info@valleybx.com
support@construction.com

Bids for this **Single Prime Project** will be received for the furnishing of all labor, materials, equipment, and services for the construction of improvements (base bid items and add alternate items) designated as Sports Field Renovations Project for Tenaya Middle School. The contract time shall be 360 Calendar days from the Notice of Award, anticipated by June 23, 2026. CONTRACTOR should consult the agreement form regarding any milestones and Liquidated Damages.

Required Contractor's License(s): A California “B” contractor's license is required to bid and execute this contract. Specialty work may require a specialty contractor's license, held by Bidder or a listed subcontractor.

The Engineer's Estimate for this project is as follows:

- Base Bid Schedule A: \$7,723,000
- Base Bid Schedule B: \$891,000

Mandatory Pre-Bid Meeting:

Contractors who plan to submit bids shall attend the: (1) Mandatory Bid Walk

**10:00 AM, Friday, May 15th
at Tenaya Middle School. 760 W. 8th St. Merced, CA 95341**

Any contractor bidding on the project who fails to attend the Pre-Bid Conference in its entirety will be deemed non-responsive and will have its bid returned unopened.

Bids must be accompanied by, a bidder's bond, cashier's check, or certified check for at least ten percent (10%) of the amount of the base bid and made payable to the Owner, as detailed in the Contract Documents, as well as the following documents: Bid Form, Designation of Subcontractors, Non-Collusion Declaration, Iran Contracting Act Certification, Sufficient Funds Declaration, Fingerprinting Notice and Acknowledgment, Workers' Compensation Certificate, Drug Free Workplace Certificate, Notice Regarding Russia-Related Sanctions, DVBE Certificate, DVBE Prime Bidder Worksheet, as outlined in the "Instruction to Bidders".

Pursuant to the Contract Documents, the successful bidder will be required to furnish a Payment (Labor and Material) Bond in the amount of one hundred percent (100%) of the Contract Sum, a Faithful Performance Bond in the amount of one hundred percent (100%) of the Contract Sum, as well as the Insurance Certificate of Liability.

Advertisement Dates:

First Publication: May 7, 2026

Second Publication: May 14, 2026

Bid Date: June 12, 2026

Merced City School District

Bryan Behn, Director of Facilities

BBehn@mcsd.k12.ca.us

Cell: 209-631-7389 Office: 209-385-6332

INSTRUCTIONS TO BIDDERS

SECURING DOCUMENTS:

Drawings and Specifications are available at:

TANAKA DESIGN GROUP

ATTN:

Bob Tanaka

bob@tanakadesign.com

3755 Balboa Street, Suite 204

San Francisco, CA 94121

415-845-7340

Bid documents are available for review without registration at the following plan rooms:

Central California Builders Exchange

info@cencalbx.com

Valley Builders Exchange, Inc.

info@valleybx.com

Dodge Construction Network

support@construction.com

BID FORMAT:

TENAYA MIDDLE SCHOOL SPORTS FIELD

RENOVATION

Bid # 2025-4

PREQUALIFICATION:

This Project is subject to prequalification. Prequalification Applications must be submitted through Quality Bidders and can be accessed on the Merced City School District webpage at:

<https://www.mcsd.k12.ca.us/District/Department/1-Facilities/Portal/upcoming-projects-and-contractor-information>

REGISTRATION:

The Owner shall not accept any bid as of March 1, 2015, or enter into any contract as of April 1, 2015, without proof of the bidder's current registration to perform public work under Labor Code section 1725.5.

The bidder shall not accept any sub-bid as of March 1, 2015, or enter into any subcontract as of April 1, 2015, without proof of the subcontractor's current registration to perform public work under Labor Code section 1725.5.

BIDS:

Bids to receive consideration shall be made in accordance with the following instructions:

1. Bids shall be made on a form therefor, obtained from the Architect or Owner. Bids not made on the proper form shall be disregarded. Numbers must be stated in words and figures, and the signatures of all individuals must be in longhand.
2. No bid will be considered which makes exceptions, changes, or in any manner makes reservations to the terms of the drawings or specifications.
3. Questions regarding documents, discrepancies, omissions, or doubt as to meanings shall be referred immediately to the Architect who will send written instructions clarifying such questions to each bidder. Oral responses will not be binding on the Owner or Architect or any Construction Manager.
4. Each bid must give the full business address of the bidder and be signed by bidder with bidder's usual signature. Bids by partnerships must furnish the full name of all partners and must be signed in the partnership name by a general partner with authority to bind the partnership in such matters, followed by the signature and designation of the person signing. The name of the person signing shall also be typed or printed below the signature. Bids by corporations must be signed with the legal name of the corporation, followed by the name of the state of incorporation and by the signature and designation of the chairman of the board, president or any vice president, and then followed by a second signature by the secretary, assistant secretary, the chief financial officer or assistant treasurer. All persons signing must be authorized to bind the corporation in the matter. The name of each person signing shall also be typed or printed below the signature. Satisfactory evidence of the authority of the officer signing on behalf of a corporation shall be furnished.
5. Pursuant to the provisions of Sections 4100 to 4114, inclusive, of the Public Contract Code of the State of California, which are hereby incorporated and made a part hereof and these Instructions to Bidders, every bidder shall set forth in its bid:
 - A. The name and location of the place of business and the California contractor's license number of each subcontractor who will perform work or labor or render service to the bidder in or about the construction of the work or improvement, or a subcontractor licensed by the State of California who, under subcontract to the bidder, specially fabricates and installs a portion of the Work or improvement according to detailed drawings contained in the plans and specifications, in an amount in excess of one-half ($\frac{1}{2}$) of one percent (1%) of the bidder's total bid. An inadvertent error in listing a California contractor's license number shall not be grounds for filing a bid protest or for considering the bid

nonresponsive if the bidder submits the corrected contractor's license number to the Owner within 24 hours after the bid opening, or any continuation thereof, so long as the corrected contractor's license number corresponds to the submitted name and location for that subcontractor.

- B. The portion of the Work which will be done by each such subcontractor. If the bidder fails to specify a subcontractor for any portion of the Work to be performed under the Contract in excess of one-half ($\frac{1}{2}$) of one percent (1%) of the bidder's total bid, the bidder agrees to perform that portion itself. The successful bidder shall not, without the consent of the Owner:
- 1) Substitute any person as subcontractor in place of the subcontractor designated in the original bid.
 - 2) Permit any subcontract to be assigned or transferred or allow it to be performed by anyone other than the original subcontractor listed in the bid.
 - 3) Sublet or subcontract any portion of the Work in excess of one-half ($\frac{1}{2}$) of one percent (1%) of the total bid as to which the original bid did not designate a subcontractor.
6. The Director of Industrial Relations of the State of California, in the manner provided by law, has ascertained the general prevailing rate of per diem wages and the rate for legal holidays and overtime work. The Contractor must pay for any labor therein described or classified in an amount not less than the rates specified. Copies of the required rates are on file at the Owner's business office and are available to any interested party on request.
7. All bids must be accompanied by a completed Noncollusion Declaration and Sufficient Funds Declaration (Labor Code § 2810). All bids must be accompanied by an executed Fingerprinting Notice and Acknowledgment.
8. Bids must be accompanied by a certified check, cashier's check, or bidder's bond, for an amount not less than ten percent (10%) of the amount of the base bid, made payable to the order of the Owner. If a bidder's bond accompanies the bid, said bond shall be secured by an Admitted Surety (an insurance organization authorized by the Insurance Commissioner to transact business of insurance in the State of California during this calendar year). The surety insurer must, unless otherwise agreed to by Owner in writing, at the time of issuance of the bond, have a rating not lower than "A-" as rated by A.M. Best Company, Inc. or other independent rating companies. Owner reserves the right to approve or reject the surety insurer selected by Contractor and to require Contractor to obtain a bond from a surety insurer satisfactory to the Owner. Said check or bond shall be given as a guarantee that the bidder will enter into the Contract if awarded the Work, and in case of refusal or failure to enter into said Contract, the check or bond, as

the case may be, shall be payable to the Owner and retained as liquidated damages.

9. Bids shall be sealed and filed as indicated in the Notice to Bidders. Irrespective of how a bidder chooses to deliver the bid and other documents to the Owner, the bidder is responsible for ensuring that the bid and other documents are actually received at the location designated in the Contract Documents for receipt of the bid and other documents prior to the time for the bid opening. Bids and other documents for any reason not actually received at the designated location prior to the time for the bid opening shall not be opened or considered.
10. **THIS CONTRACT IS SUBJECT TO THE DVBE REQUIREMENTS OF EDUCATION CODE SECTION 17076.11.**

WITHDRAWAL OF BIDS:

Bids may be withdrawn by bidders prior to the time fixed for the submittal of bids or any authorized postponement thereof. A successful bidder shall not be relieved of the bid unless by consent of the Owner or bidder's recourse to Public Contract Code §5100 et seq.

OPENING OF BIDS:

Opening of bids shall be as soon after the hour set as will be possible; opening and declaration to be as set forth in the Notice to Bidders. Any and all bidders will be permitted to attend.

EXAMINATION OF CONTRACT DOCUMENTS AND SITE:

Before submitting a bid, bidders shall examine the drawings, read the specifications, the form of Agreement between Contractor and Owner, and the other Contract Documents. Bidders shall visit the site of the proposed Work, examine the building, or buildings, if any, and any work that may have been done thereon. Bidders shall fully inform themselves of all conditions, in, at, and about the site, the building or buildings, if any, and any work that may have been done thereon.

Pursuant to Public Contract Code section 1104: 1) bidders shall not be required to assume responsibility for the completeness and accuracy of architectural or engineering plans and specifications, except on clearly designated design build projects; 2) however, bidders shall be required to review architectural or engineering plans and specifications prior to submission of their bids and to report any errors and omissions to the Architect or Owner; and 3) the review shall be confined to the bidder's capacity as a bidder and not as a licensed design professional.

FORM OF AGREEMENT BETWEEN OWNER AND CONTRACTOR:

The form of Agreement between Owner and Contractor which the successful bidder will be required to execute, if awarded the Work, is a part of this Bid Package.

ADDENDA OR BULLETINS:

Any addenda or bulletins, issued during the time of bidding, shall form a part of the drawings and specifications loaned to the bidder for the preparation of its bid, shall be covered in the bid, and shall be made a part of the Contract Documents. All addenda or bulletins shall be signed by the Architect and approved by the Division of State Architect.

EVIDENCE OF RESPONSIBILITY:

Upon the request of Owner, a bidder shall submit promptly to the Owner or its designee satisfactory evidence showing the bidder's financial resources, the bidder's experience in the type of work required by the Owner, the bidder's organization available for the performance of the Contract, and any other required evidence of the bidder's or its subcontractor's qualifications to perform the proposed Contract. The Owner may consider such evidence before making its decision awarding the proposed Contract. Failure to submit evidence of the bidder's or its subcontractors' responsibility to perform the proposed Contract may result in rejection of the bid.

AWARD OF CONTRACT:

Rejection of any or all bids, to contract work with whomever and in whatever manner, to abandon work entirely, and/or to waive any informality in receiving of bids is reserved as the right of the Owner. Before the Contract is awarded, the Owner may at its sole discretion, require from the proposed Contractor on the Project further evidence of the reasonable qualifications of such contractor to faithfully, capably, and reasonably perform such proposed Contract and may consider such evidence before making its decision on the award of such proposed Contract.

The Contract shall be awarded to the lowest responsible and responsive bidder as interpreted by the Owner under California law and as specified herein and shall be entered into by the successful bidder within ten (10) days after mailing, faxing or delivery of the Notice of Award of Contract. Owner reserves the right, without any liability, to cancel the award of any bid for any reason at any time before the full execution of the Agreement between Owner and Contractor.

EXECUTION OF AGREEMENT BETWEEN OWNER AND CONTRACTOR:

The Agreement between Owner and Contractor shall be signed by the successful bidder in as many originals as the Owner deems necessary and returned, together with the

required Contract bonds, insurance certificates, additional insured endorsement, declarations page, a Public Contract Code section 3006(a) Roof Project Certification, if required, and Independent Contractor Student Contact Form, within ten (10) days after the mailing, faxing or delivering of the Notice of Award of Contract. If the ten (10) day period would expire after the date for commencement of the Work, Contractor must submit the documents before the date of commencement of the Work. If the successful bidder does not comply with this paragraph, Owner may revoke and/or cancel the award to the successful bidder and award the Contract to the next lowest bidder, or may otherwise proceed as allowed by law. A Roof Project Certification is not required if (1) the Owner has ADA (average daily attendance) of 2,500 or less, or (2) the Project involves repair of 25% or less of the roof, or costs \$21,000 or less.

CONTRACT BONDS:

As required by the Contract Documents, two bonds, as itemized below and in the forms presented in these Contract Documents, shall be furnished by the successful bidder on the Project at the time of entering into the Contract and filed with the Owner before the successful bidder commences any work on the Project. They shall be in the form of surety bonds issued by Admitted Surety insurers (an insurance organization authorized by the Insurance Commissioner to transact business of insurance in the State of California during this calendar year). The surety insurers must, unless otherwise agreed to by Owner in writing, at the time of issuance of the bond, have a rating not lower than "A-" as rated by A.M. Best Company, Inc. or other independent rating companies. Owner reserves the right to approve or reject the surety insurers selected by Contractor and to require Contractor to obtain bonds from surety insurers satisfactory to the Owner.

Performance Bond in the amount of one hundred percent (100%) of the Contract Sum to insure Owner during construction, and for one year after completion and during any warranty or guaranty period, against faulty or improper materials or workmanship and to assure Owner of full and prompt performance of the Contract.

Payment Bond (Labor and Material) in the amount of one hundred percent (100%) of the Contract Sum in accordance with the laws of the State of California to secure payment of any and all claims for labor and materials used or consumed in performance of this Contract.

DRAWINGS, SPECIFICATIONS AND ADDENDA OR BULLETINS:

Return by each bidder of all drawings, specifications and addenda or bulletins in an unmutilated condition and without any marks or annotations is demanded within the time limit indicated under **DEPOSIT** in this section.

SUBSTITUTION OF MATERIALS:

The Contractor must ensure that the proposed substitutions by the Contractor or its subcontractors are submitted to the Architect's office a minimum of fourteen (14) calendar days prior to the Bid Opening for review and possible approval of any equipment or materials thought to be equal to or better than those specified in the drawings or specifications. An addendum will be issued seven (7) calendar days prior to Bid Opening, including all equipment and materials deemed equivalent to those specified and approved by the Architect. Submittals shall include comparative spec-data of the specified equipment or material and the proposed substitution as set forth in the Contract Documents. Submittals without this information will be automatically rejected.

PAYMENTS:

Payments to the Contractor on account of the Contract shall be made in accordance with the terms of the Contract Documents.

TAXES:

The Owner is generally exempt from payment of Federal Excise Tax on materials. The Owner will furnish exemption certificates to the Contractor to be used to obtain materials ordinarily subject to Federal Excise Tax without payment of the tax. Bidder shall deduct Federal Excise Taxes from their bid prices before submitting bids, so that such taxes will not be included in the Contract Sum.

EARLY TERMINATION:

Notwithstanding any provision herein to the contrary, if for any fiscal year of this Contract the governing body of the Owner fails to appropriate or allocate funds for future periodic payments under the Contract after exercising reasonable efforts to do so, the Owner may upon thirty (30) days' notice, order work on the Project to cease. The Owner will remain obligated to pay for the work already performed but shall not be obligated to pay the balance remaining unpaid beyond the fiscal period for which funds have been appropriated or allocated and for which the work has not been done.

TIME OF COMPLETION AND LIQUIDATED DAMAGES:

Time of completion for the Project shall be **Three Hundred Sixty (360)** calendar days, including the plant establishment period from (a) the date of commencement of the Work as established in the Owner's Notice to Proceed, or (b) if no other date is established in a Notice to Proceed from Owner, the date of Contractor's actual commencement of the Work (including mobilization).

Liquidated damages will accrue and may be assessed as provided in the Contract Documents. Should said Work not be completed within the time limit as may be extended as herein provided, damages will be sustained by the Owner. It is understood and agreed that it is and will be impracticable or extremely difficult to determine the actual amount of damages which the Owner will sustain in the event of and by reason of

such delay, and it is therefore agreed that the Contractor will pay the Owner the sum of **(\$1,000.00) per calendar day** for each and every day's delay beyond the time specified as and for liquidated damages, during or as a result of each calendar day by which completion of the Project is delayed beyond the completion date; in case the Contractor fails to make such payment, the Owner may deduct the amount thereof from any money due or that may become due the Contractor under the Contract. Should such money not be sufficient, the Owner shall have the right to recover the balance from the Contractor or its sureties.

BID FORM

Merced, California

**Merced City School District
Facilities Department
2111 Wardrobe Avenue
Merced, CA 95341**

Dear Board Members:

The undersigned doing business under the firm name of:

hereby propose and agree to enter into a Contract, to furnish any and all labor, materials, applicable taxes, equipment and services for the completion of Work described hereinafter and in the Contract Documents:

**TENAYA MIDDLE SCHOOL SPORTS FIELD RENOVATION
Bid # 2025-4**

prepared by:

**TANAKA DESIGN GROUP
3755 BALBOA STREET SUITE 204
SAN FRANCISCO, CA 94121
415-845-7340**

Schedule of Bid Prices:

All applicable sales taxes, State and/or Federal, and any other special taxes, patent rights or royalties are included in the price quoted in this Proposal.

Bidder's attention is directed to the Instruction to Bidders.

Bidder acknowledges and agrees that the Base Bid Schedule A and the Base Bid Schedule B plus the bid alternates account for all items in contract documents.

Bid Alternates: Bid alternates are identified below. The determination of lowest bid shall be based upon: Base Bid Schedule 'A' plus Base Bid Schedule 'B'.

BASE BID SCHEDULE A – SPORTS FIELD RENOVATIONS					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ITEM TOTAL
1	Mobilization, including Tree Protection, Construction Fencing, Modifying Irrigation, Water, Storm Systems, Salvaging Utilities. Item total shall not exceed 3% of the Total Base Bid Schedule 'A'	LS	1		
2	Temporary Erosion Control, including Erosion Control Roll and Stabilized Construction Surface (see Schedule B for exceptions)	LS	1		
3	Demolition including Clearing and Grubbing, as designated on plans (see Schedule B for exceptions)	LS	1		
4	Construction Surveying and Staking	LS	1		
5	Earthwork	LS	1		
6	Storm Drainage System: Connection to Existing Storm Drain System, Storm Drain Pipe, Perforated Pipes, Catch Basins, Cleanouts, Manholes, Slot Drain and Catch Basins at Track, Drainage at Bio-Retention System	LS	1		
7	Potable Water System: Connection to Existing Backflow Prevention Device, Water Pipe to Drinking Fountains and Shut-off Valves	LS	1		
8	N/A				
9	Concrete Paving	SF	24,441		
10	Concrete Band, 6" Wide	LF	208		
11	Concrete Band, 12" Wide	LF	1,544		

12	Concrete Band, 18" Wide, at all Chainlink Fencing at Softball and Baseball Fields Only	LF	1,615		
13	Wood Header	LF	92		
14	Decomposed Granite Paving	SF	560		
15	Asphalt Paving at Sports Court (Re-Use Existing Base Rock where shown on plans)	SF	26,094		
16	Asphalt Paving, Excluding Asphalt at Track	SF	26,493		
17	Asphalt Paving at Emergency Vehicular Access Areas	SF	3,632		
18	8 Lane Track and Field, Including Asphalt Paving, Surfacing Material Installation (Owner will purchase material only through CMAS), Striping, Inside Track Curb, Long Jump Pit, High Jump, Shot Put Pad and Shot Put Cage, Discus Cage and Ring, and Com Box.	LS	1		
19	Chain Link Fence with Black Vinyl Coating, 4' High, at Track	LF	1,211		
20	Chain Link Gate with Black Vinyl Coating, Double Leaf, 4' High, 10' Wide, at Track	EA	1		
21	Synthetic Turf at Fitness Area, Including Synthetic Turf Surface Material, Infill, Cushion, Permeable Aggregate Base, Filter Fabric, and Nailer Board	SF	2,765		
22	Fitness Equipment	LS	1		
23	Infield Mix at Baseball and Softball Fields	SF	2,878		
24	Backstop at BallFields	EA	3		

25	Chain Link Fence at Ballfields, 6' High, with Black Vinyl Coating	LF	210		
26	Chain Link Fence at Ballfields, 8' High, with Black Vinyl Coating	LF	960		
27	Chain Link Fence at Ballfields, 12' High, with Black Vinyl Coating	LF	172		
28	Chain Link Fence at Ballfields, 8' High, Galvanized Only	LF	194		
29	Chain Link Gate at Ballfield, Single Leaf, 3' Wide, Galvanized Only	LS	1		
30	Chain Link Gate at Ballfields, Single Leaf, 3' Wide, with Black Vinyl Coating	LS	1		
31	Portable Pitching Mound	EA	2		
32	Players Bench	EA	6		
33	Sports Court Striping and Equipment (Pickleball nets and posts, Volleyball nets and posts, including sleeves)	LS	1		
34	Drinking Fountain and Bottle Filler, Including Drywell and Drainage Connections	EA	5		
35	Bollard	EA	8		
36	Electrical System: Associated Equipment and Connection to Existing Electrical Service, Boring to Booster Pump and Battery Inverter, Battery Inverter and associated Equipment	LS	1		
37	Electrical or Data Conduits (including conduit for security cameras), Conductors, Cables, and Pull Boxes	LS	1		
38	Electrical Outlets	EA	5		

39	Low Level Path Light (Includes Fixture, Pole, Footing)	EA	14		
40	Security Camera Pole (Includes Footing and Vibration Damper)	EA	1		
41	Booster Pump System, including Enclosure, Concrete Pad, and associated Components	LS	1		
42	Irrigation System	LS	1		
43	Soil Preparation	SF	391,222		
44	Turf, Seeded	SF	391,222		
45	Bio-Retention Grass, Soil Preparation, and Permeable Rock at Bio-Retention Areas	LS	1		
46	Tree, 15 Gal. Size, Including Planting and Staking	EA	109		
47	Mulch, Including Mulch Only Areas	SF	7,530		
48	Landscape Maintenance, 90 Days	LS	ALLOW		
BASE BID SCHEDULE A TOTAL: _____ DOLLARS _____ (\$ _____)					

BASE BID SCHEDULE B – SITE SECURITY FENCING					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ITEM TOTAL
1	Mobilization. Item total shall not exceed 3% of the Total Bid Schedule 'B'.	LS	1		
2	Demolition of Existing Fencing and Gates, and associated Paving	LS	1		
3	All Metal Fence Type B and all Metal Gates, including all associated Screen Panels, Hardware, Knox Boxes, and associated 18" Wide Concrete Bands.	LS	1		
4	At Electrical Equipment Enclosure and Backflow Preventer Enclosure: All Metal Fence Type A, Metal Gate, Chainlink Fencing and Chainlink Roof and Gate, with Black Vinyl Coating, and including all associated Screen Panels, Vinyl Slats, Hardware, Knox Boxes, and 18" Wide Concrete Bands	LS	1		
BASE BID SCHEDULE B TOTAL: _____ DOLLARS _____ (\$ _____)					

BASE BID SCHEDULE A PLUS SCHEDULE B TOTAL: _____ DOLLARS _____ (\$ _____)

Alternates:

Alternate No. 1:

Not Used

Alternate No. 2:

Sports Field Light Poles and Lighting Equipment, Including Mounted Low Level Lighting, Conduits, Conductors, and Footings.

(\$ _____)

Alternate No. 3:

Irrigation and Turf at Street, including Associated Clearing, Grubbing.

(\$ _____)

Alternate No. 4:

Acrylic Surfacing a Sports Court

(\$ _____)

If written notice of the Award of Contract is mailed, faxed, or delivered to the undersigned at any time before this bid is withdrawn, the undersigned shall, within ten (10) days after the date of such mailing, faxing, or delivering of such notice, execute and deliver an agreement in the form of agreement present in these Contract Documents and give Performance and Payment Bonds in accordance with the specifications and bid as accepted.

The undersigned hereby designates as the office to which such Notice of Award of Contract may be mailed, faxed, or delivered:

Our Public Liability and Property Damage Insurance is placed with:

Our Workers' Compensation Insurance is placed with:

Circular letters, bulletins, addenda, etc., bound with the specifications or issued during the time of bidding are included in the bid, and, in completing the Contract, they are to become a part thereof.

The receipt of the following addenda to the specifications is acknowledged:

Addendum No. _____ Date _____ Addendum No. _____ Date _____

Addendum No. _____ Date _____ Addendum No. _____ Date _____

Addendum No. _____ Date _____ Addendum No. _____ Date _____

This bid may be withdrawn at any time prior to the scheduled time for the opening of bids or any authorized postponement thereof.

A bidder shall not submit a bid unless the bidder's California contractor's license number appears clearly on the bid, the license expiration date and class are stated, and the bid contains a statement that the representations made therein are made under penalty of perjury. Any bid submitted by a contractor who is not licensed pursuant to Business and Professions Code section 7028.15 shall be considered nonresponsive and shall be rejected. Any bid not containing the above information may be considered nonresponsive and may be rejected.

NOTE: Each bid must give the full business address of the bidder and be signed by bidder with bidder's usual signature. Bids by partnerships must furnish the full name of all partners and must be signed in the partnership name by a general partner with authority to bind the partnership in such matters, followed by the signature and designation of the person signing. The name of the person signing shall also be typed or printed below the signature. Bids by corporations must be signed with the legal name of the corporation, followed by the name of the state of incorporation and by the signature and designation of the chairman of the board, president or any vice president, and then followed by a second signature by the secretary, assistant secretary, the chief financial officer or assistant treasurer. All persons signing must be authorized to bind the corporation in the matter. The name of each person signing shall also be typed or printed below the signature. Satisfactory evidence of the authority of the officer signing on behalf of a corporation shall be furnished.

The undersigned declares under penalty of perjury under the laws of the State of California that the representations made in this bid are true and correct.

Print or Type Name : _____

Title: _____

Name of Company as Licensed: _____

Business Address: _____

Telephone & Fax Number: _____

DIR Registration Number & Classification: _____

Email Address: _____

California Contractor License No.: _____

Class and Expiration Date: _____

State of Incorporation, if Applicable: _____

() Evidence of authority to bind corporation is attached.

Dated: _____, _____

Signed: _____

GENERAL CONDITIONS
for
CONTRACT OF CONSTRUCTION
OF THE
TENAYA MIDDLE SCHOOL SPORTS FIELD
RENOVATION
Bid # 2025-4
MERCED CITY SCHOOL DISTRICT

May 2026

SECTION 312000 - EARTHWORK

PART 1 GENERAL

1.01 WORK SPECIFIED IN THIS SECTION

- A. Work of this section includes all required excavation, grading, preparation of subgrade for fills, proper placement of fills, including backfilling and compaction, the watering, rolling and compacting of fill material in place and the finish grading all as required by the drawings and as specified herein.
- B. All grading work shall be performed in accordance with:
 - 1. Title 24, Part 2, C.C.R., 2022 C.B.C.
 - 2. The grading code of the County and any special requirements of the permit.
 - 3. The Geotechnical Investigation report for the project site
 - 4. Provide special inspection for engineered fill and compaction, Title 24, Part 2, C.C.R., 2022 C.B.C.
 - 5. Applicable General and Special Conditions of these specifications herein after set forth in full or by reference.
 - 6. A final grading report shall be submitted by the Geotechnical Consultant in accordance with Title 24, Part 2, C.C.R., 2022 C.B.C. Appendix J

1.02 PRINCIPAL ITEMS OR WORK INCLUDED HEREIN.

- A. Excavation
- B. Filling
- C. Backfilling
- D. Geotechnical Consultant and Tests
- E. Grading
- F. Miscellaneous related work necessary for a complete job.
- G. Special Requirements.

1.03 RELATED WORK SPECIFIED IN OTHER SECTIONS.

- A. Site Preparation & Plant Protection: 02 10 00
- B. Demolition Section: 02 40 00
- C. Landscape Soil Preparation: Section 02 91 10

D. Excavation and Fill: Section 31 23 00

E. Trenching and Backfilling: Section 31 23 33

PART 2 PROTECTION

- 2.01 Contractor shall protect adjacent properties, roads, right-of-ways, easements and existing improvements from damage during the life of the grading operation and prevent caving, sloughing or the placing of materials or stock piles on adjacent properties.
- 2.02 Provide cribbing, sheathing, and shoring necessary to safely retain the earth banks and protect excavations and adjoining grades from caving and other damage resulting from excavating, together with suitable forms of protection against bodily injury to personnel employed on the work and the general public. The responsibility for the design, installation, and maintenance of required cribbing and shoring shall be entirely that of the Contractor and shall meet the approval of the State Division of Industrial Safety and local governing agencies' requirements.
- 2.03 Utility lines and structures shown shall be protected and treated as indicated. Where work not shown is encountered, report it to the Owner's Representative before proceeding with excavation. The Contractor shall bear the costs for all repairs to damaged or broken utilities and any damages related thereto.
- 2.04 It shall be the Contractor's full responsibility to take all measures necessary during grading to protect slope areas, both cut and fill, existing improvements and adjacent properties from storm damage and flood hazard originating on this project until final acceptance by the Owner. It shall be the Contractor's responsibility to maintain completed slopes until all slopes are in satisfactory compliance with the job specifications, all berms have been properly constructed, and all associated drainage devices have met the requirements of the Architect. It shall also be the Contractor's responsibility to prevent silt run-off from the limits of work.

PART 3 GEOTECHNICAL CONSULTANT, TESTS, AND REPORTS

- 3.01 A Geotechnical Consultant designated by the Owner will be engaged to perform continuous inspection of the placing and compacting of all fills and backfills within the limits of grading of this project. All work shall be done in accordance with these specifications and as recommended and approved by the Geotechnical Consultant. Costs for all such inspections and tests shall be paid by the Owner. The Contractor shall be responsible for notifying the Geotechnical Consultant in advance so that he may be present to perform his services as needed. The Geotechnical Consultant shall approve all subgrades prior to placement of fill or placement of forms and reinforcing.
- 3.02 The Geotechnical Consultant shall also make an investigation of the fill material to establish the ability of the soil to sustain the vertical loads to be imposed on the fill by the proposed structure.

- 3.03 The Geotechnical Consultant shall submit compaction reports to the Owner's Representative and the Civil Engineer at the completion of the work, including test results and plot plans indicating the locations from which the tested samples of fill were taken. The Geotechnical Consultant shall keep the Owner's Representative informed on the progress of the grading work.
- 3.04 No clearing, demolitions, filling and backfilling, or grading operations shall be performed without the presence of a representative of the Geotechnical Consulting firm. The presence of the Geotechnical Consultant will be for the purpose of providing observation and field testing, and will not include any supervising or directing of the actual work of the Contractor, directing his/her employees or agents. The geotechnical consultant to be on-site during removal of footings, and underground utilities. Neither the presence of the field representative nor the observations and testing by the Geotechnical Consulting firm shall excuse the Contractor in any way for defects discovered in the Contractor's work. The Geotechnical Consulting firm shall not be responsible for job or site safety on this project, which shall be the sole responsibility of the Contractor.
- 3.05 The existing soil conditions at this site have been investigated, and a report of findings is included in the bid documents. This information is offered as supplemental information only, and no guarantee of existing soil or other conditions is intended.

PART 4 MATERIALS

PART 5 SURPLUS EARTH MATERIAL

- 5.01 All surplus earth material will be used to balance the site. Excess material not needed for the completion of the grading shall be removed from the site by the Contractor and disposed of in a legal manner.

PART 6 INADEQUATE SOIL CONDITIONS

- 6.01 Should soil of inadequate density and bearing capability be encountered at the elevations indicated on the drawings, or where new fill is to be placed upon existing loose fill material exposed by excavation, the excavation shall be carried to the depth required to attain soil of bearing quality as determined by the Geotechnical Consultant. The adequacy of all soil bearing value shall be determined by the Geotechnical Consultant.

PART 7 EXECUTION

7.01 PREPARATION

- A. Protect adjacent property and existing improvements and structures as necessary to prevent undermining, caving of cuts, and miscellaneous damage, or sloughing of material onto adjacent property.
- B. Provide cribbing, sheathing, and shoring necessary to safely retain the earth banks and protect excavations and adjoining grades from caving and other damage resulting from excavation together with suitable forms of protection against bodily injury to personnel employed on the work and the general public. Be responsible for the design, installation, and maintenance of required cribbing and shoring and same shall meet the approval of the State Division of Industrial Safety and local governing agencies' requirements.
- C. Protect existing improvements and adjacent properties from storm damage and flood hazard originating on this project until final acceptance by the Owner. Prevent silt runoff from the limits of work in accordance with governmental requirements, and the S.W.P.P.P.
- D. Borrow pits, if any, shall meet all requirements of these Specifications for over-excavation and backfill.

7.03 DUST CONTROL

During all grading operations, water shall be applied to the surfaces in the working area at frequent intervals and in sufficient quantities to allay the dust and for proper compaction. No other method will be permitted.

7.04 CLEAN-UP

Upon completion of work in this Section, remove rubbish, trash, and debris resulting from operations. Remove disused equipment and implements of service, and leave entire area involved in a neat, clean, and acceptable condition.

7.05 EXCAVATION

- A. Prior to any excavation or filling operation, the entire area within the limits of work containing vegetation shall be excavated to a minimum depth to ensure removal of all vegetation. This material shall be disposed of off the site in a legal manner.
- B. Excavate to the depths, lines, and grades indicated. Excavate sufficiently over-size to permit installation and removal of concrete forms and all other required work.
- C. Sequencing of the work to ensure that one part of the excavating does not interfere with another part rests with the Contractor.
- D. At least 6 inches of topsoil should be removed from any areas that will receive

structural fill soils and/or structural improvements.

E. NOT USED.

7.06 FILLING

- A. Prior to placing new fill in all other areas, the exposed cleared surface should be plowed, scarified, watered and/or aerated, as required, thoroughly mixed to a uniform, near optimum moisture condition, and recompacted to at least 95 percent of the ASTM D1557 test standard.
- B. All recompacted and new fill required to secure final subgrade elevations should be spread, water and/or aerated as required, thoroughly mixed to a uniform near optimum moisture condition, and compacted not exceed 8-inch thick lifts to at least 95 percent. Backfilling of excavations made for removal of any existing buried elements during site clearing should also be performed in this manner.
- C. Imported fill materials should consist of clean soils, free from vegetation, debris, or rocks larger than 3 inches. The Expansion Index value should not exceed a maximum of 50 ("Low" expansive per ASTM 4829 in geotechnical report.)
- D. Where fills are placed on existing slopes exceeding a slope of five horizontal to one vertical, the slopes shall be benched in accordance with the Geotechnical Consultant's requirements and local governing public agencies' requirements, and compacted as herein specified before placing fill material on same, so that all fills shall be placed in horizontal layers as specified. Widths of benches shall be as directed by the Geotechnical Consultant.
- E. Rock encountered in the excavation on this site may, at the option of the Contractor, be broken up into pieces not larger than three inches in maximum dimension, and be incorporated in the fill material if spread as directed by the Geotechnical Consultant. Otherwise, all rocks larger than three inches in maximum dimensions shall be removed from the site. Rocks and stones larger than one inch in maximum dimension will not be permitted within the top 12 inches of finished grade in non-paved areas.
- F. Fill banks shall be graded full and compacted beyond the grade of the finish bank. After the banks have been filled, they shall be trimmed to the finish grades and limits shown on the drawings.

7.07 BACKFILLING

- A. Place no backfill until work in excavations has been approved. Remove cave-ins and loose soil to permit inspection.
- B. Place backfill in layers which will compact to six inches maximum, concurrently on both sides of footings and walls. Thoroughly compact each layer with mechanical tampers, adding water as required to obtain optimum moisture content, and compact as set forth in paragraph 7.09 herein.

- C. Backfill placed in narrow, restricted areas, such as along utility trenches, may possibly be placed in up to 12-inch thick lifts, depending on the materials, procedures and equipment being employed. Backfill consolidation by flooding or jetting is prohibited unless approved by the Geotechnical Consultant. In any case, all backfill should be mechanically compacted to at least 95 percent of the aforementioned test standard.

7.08 FINISH GRADING

- A. Rocks or cobbles larger than 1-inch in diameter shall not be placed in the upper 12-inches of planting area fill, rocks. Cobbles larger than 3/4 inch shall not appear on the finish graded surface.
- B. It shall be the Contractor's full responsibility to take all measures necessary during grading to protect slope areas, both cut and fill, and adjacent properties from storm damage and flood hazard originating on this project until final acceptance by the Owner. It shall be the Contractor's responsibility to maintain completed slopes until all slopes are in satisfactory compliance with the job specifications.

7.09 COMPACTION

- A. All fills shall be compacted to at least 95 percent of maximum density obtainable using the ASTM test procedure D1557. All areas, which are scarified, shall be recompacted to these same requirements. Compaction at planting areas shall be per Specification Section 02 91 10.
- B. All earthwork operations should be subject to compaction monitoring field observation and testing by the Geotechnical Consultant. The Geotechnical Consultant should be notified at least two days in advance of the start of grading. A joint meeting between a representative of the Client, the Contractor and the Geotechnical Consultant is recommended prior to grading to discuss specific procedures and scheduling.
- C. Compaction by flooding or jetting is prohibited unless approved by the Geotechnical Consultant.

END OF SECTION