

**LODI UNIFIED SCHOOL DISTRICT**  
**2019 PAVING PROJECTS – PHASE 1**

**PROJECT NUMBER: 0924-8224**  
**DSA #:117421**  
**Live Oak Elementary School**

**PROJECT NUMBER: 0811-8011**  
**DSA #:117420**  
**Oakwood Elementary School**

**PROJECT NUMBER: 0822-8022**  
**DSA #:N/A**  
**Manlio Silva Elementary School**

**ADDENDUM NO. 1**

March 18, 2019

Owner:	Lodi Unified School District 1305 E. Vine Street Lodi, CA 95240
Engineer:	Warren Consulting Engineers, Inc. 1117 Windfield Way, Suite 110 El Dorado Hills, CA 95762
Project Manager:	Capital Program Management, Inc. 1851 Heritage Lane, Suite 210 Sacramento, CA 95815

This Addendum has been prepared to clarify, modify, delete, or add to the drawings and/or specifications for the above referenced project, and revisions to items listed here shall supersede description thereof prior to the above stated date. All conditions not specifically referenced here shall remain the same. It is the obligation of the Prime Contractor to make subcontractors aware of any items herein that may affect submitted bids.

Acknowledge receipt of this addendum by inserting its number and date in the bidding documents. Failure to do so may subject bidder to disqualification.

All addenda items refer to the plans and specifications unless specifically noted otherwise.

TOTAL PAGES IN THIS ADDENDUM (including attachments): 18

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**PART A - BIDDING AND CONTRACT REQUIREMENTS**

- 1.1 The bid date has not changed. Bids are due Thursday, March 21, 2019 by 2:00:00 p.m. at the District Facilities Office, 1305 E. Vine Street Lodi California 95240.
- 1.2 Refer to Document 00 01 01-1 Project Manual Title Page.
  - 1.2.1 And following it, add the new Live Oak Elementary School Project Manual Title Page with DSA Application #02-117421, stamp dated 01-28-19.
  - 1.2.2 And following it, add the new Oakwood Elementary School Project Manual Title Page with DSA Application #02-117420, stamp dated 01-28-19.
- 1.3 Refer to Document 00 01 01 20-1 List of Schedules.
  - 1.3.1 Delete Document 00 01 20-1, and replace with new attached List of Schedules Document 00 01 20-1 to allow for 30-day cure of asphalt prior to Seal Coat and Striping activities.
- 1.4 Refer to Document 00 21 13 – Instructions to Bidders.
  - 1.4.1 See 00 21 13-2, in paragraph 10, add the following: “g. DVBE Certification form.”
- 1.5 Refer to Document 00 21 13 – Instructions to Bidders.
  - 1.5.1 See 00 21 13-4, in paragraph 20, last sentence; delete the following: “Submit forms within four (4) days after Notice of Award.”
  - 1.5.2 And in its place add the following: “Submit this form with your bid.”
- 1.6 Refer to Document 00 21 13 – Instructions to Bidders.
  - 1.6.1 See 00 21 13-9, in paragraph 32; delete the following: “h. Disabled Veteran Business Enterprise Participation Certification.”
  - 1.6.2 And in its place add the following: “h. Not used.”
- 1.7 Refer to Document 00 41 13 – Bid Form and Proposal.
  - 1.7.1 See 00 41 13-4, in paragraph 1, the first sentence change to “The Bidder’s Base Bid shall NOT include an allowance for unforeseen items, see Bid Form.”
  - 1.7.2 See 00 41 13-4, in paragraph 8, the following documents attached hereto, add the following bullet: “ Disabled Veteran Business Enterprise Participation Certification Certificate.”

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- 1.8 Refer to Document 00 45 46.02 Disabled Veteran Business Enterprise Participation Certification.
  - 1.8.1 See 00 45 46.02-1, in paragraph 1, last sentence; delete the following: "This form must be provided to the District no later than four (4) calendar days after the bid opening."
  - 1.8.2 And in its place add the following: "This form must be provided to the District at the time of bid."
- 1.9 Refer to Document 00 51 00 – Notice of Award.
  - 1.9.1 See 00 51 00-1, in the fifth paragraph delete the following: "h. Disabled Veteran Business Enterprise Participation Certificate."
  - 1.9.2 And in its place add the following: "h. Not used."
- 1.10 Refer to Document 00 73 13 Special Conditions.
  - 1.10.1 See 00 73 13-6, in paragraph 7 Disabled Veterans Business Enterprises, last sentence; delete the following: "The Contractor must submit the Disabled Veteran Business Enterprise Participation Certification to the District with its executed Agreement, identifying the steps Contractor took to solicit DVBE participation in conjunction with this Contract."
  - 1.10.2 And in its place add the following: "The Contractor must submit the Disabled Veteran Business Enterprise Participation Certification to the District at time of bid, identifying the steps Contractor took to solicit DVBE participation in conjunction with this Contract."
- 1.11 Refer to Document 01 52 13 Field Offices.
  - 1.11.1 Delete all content
  - 1.11.2 And in its place insert the following: "Not Used."

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**PART B - TECHNICAL REQUIREMENTS**

1.12 Refer to Manlio Silva project, see added Specification Section 31 31 00 Soil Treatment.

**PART C - DRAWINGS**

1.13 Refer to Live Oak project, see Sheet C2.1 for trash enclosure, and see new sketch SK-1 with layout/dimensions and notes.

**PART D – RESPONSES TO CONTRACTOR QUESTIONS**

1. Q. The asphalt specifications call for a seal coat, being the fact that the projects are all new is this required? If so, my concern is the specifications state for this to be applied no sooner than 30 days after asphalt placement.  
A. See updated List of Schedules Document 00 01 20, and note that the District will perform any temporary striping if needed.
2. Q. Refer to Live Oak project, Sheet C1.1, note 14 states to Relocate Existing Fire Department Connection. Where is it to be relocated to?  
A. Approximately 15' east behind the new curb.
3. Q. Refer to Live Oak project, Sheet C1.1, note 16 states to Relocate Back Flow Preventer, per District direction. Where is it to be relocated to?  
A. Approximately 5' north behind the new walk.
4. Q. Refer to Manlio Silva project, I can't seem to find a percentage required for lime treatment?  
A. See added Specification Section 00 31 31 Soil Treatment.

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**List of Attachments**

1. Pre-Bid Conference and Site Visit Agenda dated March 5, 2019 (1 page).
2. Pre-Bid Conference and Site Visit Sign-in Sheet dated March 5, 2019 (2 pages).
3. Live Oak Elementary School Project Manual Title Page (1 page)
4. Oakwood Elementary School Project Manual Title Page (1 page)
5. List of Schedules Document 00 01 20 (1 page)
6. Specification Section 31 31 00 Soil Treatment (6 Pages)
7. Live Oak project Sketch SK-1, excerpt from Sheet C2.1 (1 page)

**End of Addendum**

**Lodi Unified School District**  
**Project No. 0924-8224, 0811-8011 & 0822-8022**  
**Paving Projects**  
**Live Oak, Oakwood, and Manlio Silva Elementary Schools**

**PRE-BID CONFERENCE & SITE VISIT AGENDA**

**Date:** Tuesday, March 5, 2019 **Time:** 1:30 p.m.  
**Schools:** **0924-8224:** Live Oak Elementary School **0811-8011:** Oakwood Elementary School  
**0822-8022:** Manlio Silva Elementary School  
**Bid Date:** **Thursday, March 21, 2019 by 2:00:00 p.m.**

**I. Meeting Called to Order**

**II. Introduction of Project Team**

- A. District Representative, Vickie Brum, Planning & Facilities
- B. Capital Program Management, Craig Dooling and Mark Rosson
- C. Tom Fassbender, Warren Consulting Engineering, Inc., Civil Engineer

**III. Bidding Documents:** Available from District <https://www.lodiud.net/district/departments/business-services/facilities-and-planning>

**IV. Contracting Format:** (1) Prime Contract

**V. Scope of Work Descriptions:** Document 01 11 00 Part 1.02 A Summary of Work and Drawings

**VI. Engineer's Estimated Construction Budget:** **0924-8224:** \$915,000, **0811-8011:** \$572,000,  
**0822-8022:** \$448,000

**VII. Bidding and Contract Award Requirements:**

- A. License requirement(s): A
- B. Bid Bond or Certified Check, 10% of bid
- C. Prevailing Wages - certified payrolls, payroll records and other documents shall be required along with your progress billings: [www.dir.ca.gov/dlsr/DPreWageDetermination.htm](http://www.dir.ca.gov/dlsr/DPreWageDetermination.htm)
- D. DIR Registration of Contractor & Subcontractors (See General Conditions, Section 0072 13)
- E. Bond and Insurance Requirements (See General Conditions, Section 00 72 13)
- F. Bid Form (See Bid Form, Section 00 41 13):
  - 1. Completed Forms
  - 2. No exclusions
  - 3. No faxes, phone or email bids
  - 4. Bids good for 90 days
- G. Pre-Qualified Bid Requirements - <https://www.lodiud.net/district/departments/business-services/facilities-and-planning/pqbids.com>

**VIII. Inspection Procedures:** DSA Project Inspector: John Souza, 209-765-7744

**IX. Project Schedule:** See General Conditions, Section 00 01 20

**X. Department of Justice (DOJ) Clearance, Badges and Security:** District Protocols

**XI. Site Information:**

- A. Contact: Vickie Brum, 209-331-7223
- B. Site access, temporary facilities, staging areas and parking
- C. Conduct on school premises
- D. Contractor's working hours
- E. Contractor's supervision

**XII. Site Visits:**

- A. Live Oak Elementary School, 5099 Bear Creek Road, Lodi, CA 95240
- B. Oakwood Elementary School, 1315 Woodcreek Way, Stockton, CA 95219
- C. Manlio Silva Elementary School 6250 Scott Creek Road, Stockton, CA 95219

**XIII. Questions**

**XIV. Adjournment**

**Important note:** Responses to inquiries and discussions occurring at this pre-bid walk-through shall in no way change or modify the bid documents. The bid documents will be affected only by addenda issued prior to the bid date.

**Send written inquiries by March 12, 2019 to:** Mark Rosson, [mark@capitalpm.com](mailto:mark@capitalpm.com)

## Page 1

[illegible]

## Page 2

1:30 PM

P:\Programs\Lodi USD\PROJECTS\3. Paving Upgrade Projects (Phase 1)\3. Live Oak Elementary School\B. Bid & Award\B4. Misc & Sign-in\USD Live Oak, Oakwood, Manlio Silva Paving Pre-Bid Conference Sign in Sheet



# PROJECT MANUAL

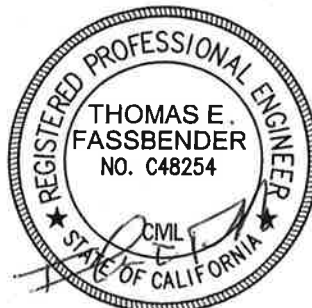
**PROJECT NUMBER: TBD \$- & (!, &&(**  
**DSA #: 02-117421**

## **2019 Paving Projects – Phase 1 Live Oak Elementary School**

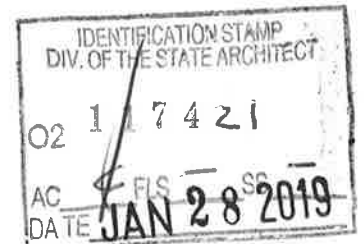
5099 Bear Creek Road  
Lodi, CA 95240

**LODI UNIFIED SCHOOL DISTRICT  
1305 E. Vine Street  
Lodi, CA 95240**

**February 22, 2019**



1/25/2019



# PROJECT MANUAL

**PROJECT NUMBER: ~~TBD~~ 0811-8011**  
**DSA #: 02-117420**

## **2019 Paving Projects – Phase 1 Oakwood Elementary School**

1315 Woodcreek Way  
Stockton, CA 95209

**LODI UNIFIED SCHOOL DISTRICT**  
**1305 E. Vine Street**  
**Lodi, CA 95240**

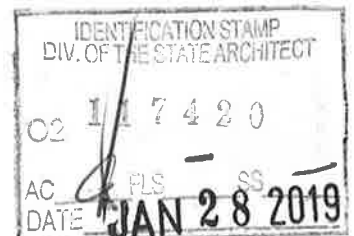
**February 22, 2019**



**LODI UNIFIED SCHOOL DISTRICT**



1/25/2019



**TITLE PAGE**  
**DOCUMENT 00 01 01-1**

DOCUMENT 00 01 20

**LIST OF SCHEDULES**

The Contractor's Baseline Schedule shall include the following Milestone Schedule:

The Schedule the Work to accommodate the following milestone requirements:

- Post Bid Document Phase – Milestone #1 (Start Date: Not Later than March 27, 2019)
  - Notice of Intent to Award
  - Post-Bid Contract Submittals
  - Critical Path Project Submittals/Shop Drawings
- Post Bid Document Phase – Milestone #1 (Completion Date: Not Later than April 16, 2019)
- Submittals/Procurement Phase – Milestone #2 (Start Date: Not Later than April 17, 2019)
  - Notice to Proceed
  - Submission of all remaining required submittals
  - Procure long lead/critical path materials
- Submittals/Procurement Phase – Milestone #2 (Completion Date: Not Later than June 2, 2019)
- Construction Work Phase – Milestone #3 (Start Date: June 3, 2019)
  - Mobilization/initial layout
  - All related scope of work
- Construction Work Phase – Milestone #3 (Completion Date: Not Later than July 26, 2019)
- Construction Work Phase – Milestone #4 (Start Date: August 31, 2019)
  - Seal Coat of all AC Paving areas
  - Striping of all AC Paving areas
- Construction Work Phase – Milestone #4 (Completion Date: Not Later than September 2, 2019)
- Final Contract Close-Out Phase – Milestone #5 (Start Date: Not Later than September 3, 2019)
  - Final Contract Close-Out Procedures
- Final Contract Close-Out Phase – Milestone #5 (Completion Date: Not Later than September 30, 2019)

END OF DOCUMENT



Lodi Unified School District

## **SOIL TREATMENT Section 313100**

2019 Paving Project – Phase 1  
Manilo Silva Elementary School

### **PART 1 – GENERAL**

#### **1.01 INCLUSION OF OTHER CONTRACT DOCUMENTS**

- A. The General Conditions, Supplementary Conditions and Division 1 are fully applicable to this Section, as if repeated herein.

#### **1.02 RELATED WORK SPECIFIED ELSEWHERE**

- A. Section 015000, Construction Facilities and Temporary Controls.
- B. Section 310000 Earthwork
- C. Section 312333, Trenching and Backfilling.

#### **1.03 QUALITY ASSURANCE**

- A. Use only new materials and products, unless existing materials or products are specifically shown otherwise on the Drawings to be salvaged and re-used.
- B. All materials, components, assemblies, workmanship and installation are to be observed by the Owner's Inspector of Record. Work not so inspected is subject to uncovering and replacement.
- C. The representatives of the Owner's testing lab will not act as supervisor of construction, nor will they direct construction operations. Neither the presence of the Owner's testing lab representatives nor the testing by the Owner's testing lab shall excuse the contractors or subcontractors for defects discovered in their work during or following completion of the project. Correcting inadequate compaction is the sole responsibility of the contractor.
- D. Tests (See Part 3 for Compaction Testing).
- E. Contractor shall be solely responsible for all subgrades built. Any repairs resulting from inadequate compaction is the responsibility of the contractor.
- F. Failures due to the lack of continuous moisture control during the curing period will be the sole responsibility of the contractor.
- G. Any trenching through the finished cured lime/cement section will result in the contractor having to backfill trench with class 2 aggregate base rock, or cement/sand slurry,

#### **1.04 SUBMITTALS**

- A. Refer to Section 013300.

#### **1.05 WARRANTY**

- A. Refer to General Conditions and Section 017836.

**SOIL TREATMENT**  
**Section 313100**



Lodi Unified School District

2019 Paving Project – Phase 1  
Manilo Silva Elementary School

**1.01 SCOPE OF WORK**

- A. Description: Provide Lime/Cement Stabilization Treatment, including spreading and mixing lime and water with in-place materials, and compacting the mixture to the lines, grades and dimensions shown on the plans and/or specified.
- B. Related Work Specified Elsewhere:
  - 1. Measure and Payment: Section 012900.

**1.02 QUALITY ASSURANCE**

- A. General: All Quality Assurance procedures specified on the drawings shall apply to this Section in addition to those shown below.
- B. Testing:
  - 1. Geotechnical Engineer: Owner is retaining a Geotechnical engineer to determine compliance of Lime/Cement Stabilization Treatment with Specifications, and to direct adjustments in fill operations. Costs of Geotechnical Engineer will be borne by Owner; except that costs incurred for re-tests or re-inspection will be paid by Owner and back charged to Contractor.
- C. Inspection: Work shall not be performed without the physical presence and approval of Geotechnical Engineer. The Contractor shall notify the Geotechnical Engineer at least two working days prior to commencement of any aspect of site earthwork.
- D. Field Density: Field density and phenolphthalein reaction tests shall be made by the Geotechnical Engineer after completion of compaction. Where compaction equipment has disturbed the surface to a depth of several inches, density tests shall be taken in the compacted material below the disturbed surface.

**1.03 SUBMITTALS**

- A. Weighmaster Certificates: Provide certificates as required in Section 2.01B.

**PART 2 - PRODUCTS**

**2.01 MATERIALS**

- A. Lime/ Cement Treated Engineered Fill: The materials to be treated shall consist of on-site soils or approved import material as described in Section 310000.
- B. Lime/ Cement: Lime/ Cement in areas to be treated shall be lime and cement. The percentage of lime shall be based on a soil weight of 105 pcf; hence, 4 pounds of lime and 4 pounds of cement should be utilized per square foot. A certification of compliance shall be submitted to the Geotechnical Engineer with each delivery of lime cement.



- C. Water: Water shall be added during the preliminary mixing operations and, if necessary, during final mixing and to keep the cured material moist until curing is complete. The amount of water added shall be subject to the approval of the Geotechnical Engineer at all times.

## **PART 3 - EXECUTION**

### **3.01 PREPARATION**

- A. General: Layout all work, establish grades, locate existing underground utilities, set markers and stakes, set up and maintain barricades and protection facilities; all prior to beginning actual earthwork operations.

### **3.02 EQUIPMENT**

- A. Lime Spreader: The lime/cement shall be spread by equipment which shall uniformly distribute the required amount of lime/cement. The rate of spread per square foot of blanket shall not vary more than 5 percent from the designated rate, unless otherwise approved by the Geotechnical Engineer.
- B. Mixing Equipment: Mixing equipment shall be capable of mixing or remixing the materials to a uniform mixture free of streaks or pockets of lime/cement to the full required depth.

### **3.03 START OF WORK UNDER THIS SECTION**

- A. General: Prior to starting physical work under this Section, the property line is to be clearly staked and identified. No lime treated materials shall be allowed to contaminate areas outside of the property.
- B. Utilities; Contractor is to engage with a licensed contractor specialized in the Utility Locating Business. The contractor shall locate any and all utilities and pothole the same. The frequency of potholing shall be enough to establish the elevations of all utilities located.

### **3.04 LIME SPREADING**

- A. Engineered Fill: Provide lime/cement treatment in areas shown on plans and extending a minimum distance of 2 feet from outside edge of curb, building footing, wood header, and to a depth of at least 12-inches.
- B. Temperature: Lime shall not be spread while the atmospheric temperature is below 35 degrees Fahrenheit or when conditions indicate that the temperature may fall below 35 degrees Fahrenheit within 24 hours.

### **3.05 MIXING**

- A. Lime/cement shall be added to the material to be treated at a rate of 4 pounds of lime and 4 pounds of cement per square foot based on a soil unit weight of 105 pcf.

**SOIL TREATMENT**  
**Section 313100**



Lodi Unified School District

2019 Paving Project – Phase 1  
Manilo Silva Elementary School

- B. Lime/cement shall be spread by equipment that will uniformly distribute the required amount of lime/cement for the full width of the prepared material. The rate of spread per linear foot of blanket shall not vary more than five percent (5%) from the designated rate.
- C. The spread lime/cement shall be prevented from blowing by suitable means selected by the Contractor. Quicklime shall not be used to make lime slurry. The spreading operations shall be conducted in such a manner that a hazard is not present to construction personnel or the public. All lime spread shall be thoroughly mixed into the soil the same day lime spreading operations are performed.
- D. The distance which lime/cement may be spread upon the prepared material ahead of the mixing operation will be determined by the Geotechnical Engineer.
- E. No traffic other than the mixing equipment and water truck will be allowed to pass over the spread lime/cement until after the completion of mixing. After mixing, grading and compacting are completed, only the water truck is allowed on the treated area to maintain the optimum moisture for curing.
- F. Mixing equipment shall be equipped with a visual depth indicator showing mixing depth, an odometer or footmeter to indicate travel speed and a controllable water additive system for regulating water added to the mixture.
- G. Mixing equipment shall be of the type that can mix the full depth of the treatment specified and leave a relatively smooth bottom of the treated section. Mixing and re-mixing, regardless of equipment used, will continue until the material is uniformly mixed free of streaks, pockets, or clods of lime/cement), and moisture is at approximately two percent (2%) over optimum and the mixture complies with the following requirements:

<u>Minimum Sieve Size</u>	<u>Percent Passing</u>
1-1/2"	100
1"	95
No. 4	60

- H. Non-uniformity of color reaction when the treated material, exclusive of one inch or larger clods, as tested with the standard phenolphthalein alcohol indicator, will be considered evidence of inadequate mixing.
- I. Lime/cement -treated material shall not be mixed or spread while the atmospheric temperature is below 35°F. The entire mixing operation shall be completed within seventy-two (72) hours of the initial spreading of lime, unless otherwise permitted by the Geotechnical Engineer.

**3.06 SPREADING AND COMPACTING**



Lodi Unified School District

## **SOIL TREATMENT Section 313100**

2019 Paving Project – Phase 1  
Manilo Silva Elementary School

- A. The treated mixture shall be spread to the required width, grade and cross-section. The maximum compacted thickness of a single layer may be determined by the Contractor provided he can demonstrate to the Geotechnical Engineer that his equipment and method of operation will provide uniform distribution of the lime/cement and the required compacted density throughout the layer. If the Contractor is unable to achieve uniformity and density throughout the thickness selected, he shall rework the affected area using thinner lifts until a satisfactory treated subgrade meeting the distribution and density requirements is attained, as determined by the Geotechnical Engineer, at no additional cost to the Owner.
- B. The finished thickness of the lime-treated material shall not vary more than five hundredths of a foot (0.05') from the planned thickness at any point.
- C. The lime/cement -treated soils shall be compacted to a relative compaction of not less than ninety three percent (93%) as determined by the ASTM D1557-01 Compaction Test.
- D. Initial compaction shall be performed by means of a sheepsfoot type roller or a vibratory padfoot roller. Final rolling shall be by means of a smooth drum roller.
- E. Areas inaccessible to rollers shall be compacted to meet the minimum compaction requirement by other means satisfactory to the Geotechnical Engineer.
- F. Final compaction shall be completed within thirty-six (36) hours of final mixing. The surface of the finished lime/cement -treated material shall be the grading plane and at any point shall not vary more than five hundredths of a foot (0.05') foot above or below the grade established by the plans.
- G. Before final compaction, if the treated material is above the grade tolerance specified in this section, uncompacted excess material may be removed and used in areas inaccessible to mixing equipment. After final compaction and trimming, excess material shall be removed and disposed of off site. The trimmed and completed surface shall be rolled with steel or pneumatic-tired rollers. Minor indentations may remain in the surface of the finished materials so long as no loose material remains in the indentations.
- H. At the end of each day's work, a construction joint shall be made in thoroughly compacted material and with a vertical face. After a part-width section has been completed, the longitudinal joint against which additional material is to be placed shall be trimmed approximately three inches (3") into treated material, to the neat line of the section, with a vertical edge. The material so trimmed shall be incorporated into the adjacent material to be treated.
- I. An acceptable alternate to the above construction joints, if the treatment is performed with cross shaft rotary mixers, is to actually mix three inches (3") into the previous day's work to assure a good bond to the adjacent work.

### **3.07 FINAL GRADING**



**SOIL TREATMENT**  
**Section 313100**



Lodi Unified School District

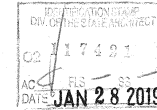
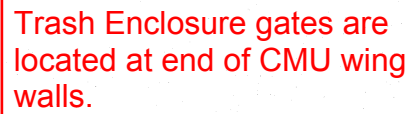
2019 Paving Project – Phase 1  
Manilo Silva Elementary School

- A. Finish all lime/cement treated engineered fill grades to within a tolerance of 0.05' of grades shown for top of lime/cement stabilization treatment or as indicated by drawings and specifications.
- B. Leave all areas in suitable condition for subsequent work.
- C. Excess materials not needed for final grading operations shall be removed from the site.

**3.07 CURING**

- A The surface of compacted and finish graded lime/cement treated soil shall be kept moist for at least 3 days after final trimming, rolling and compacting. No equipment or traffic shall be permitted on the lime treated material during the 3 day cure, except for the water truck to keep the treated area at or above the optimum moisture. After the 3 day cure apply aggregate base. Maintain moisture curing at optimum level until aggregate base is placed

END OF SECTION

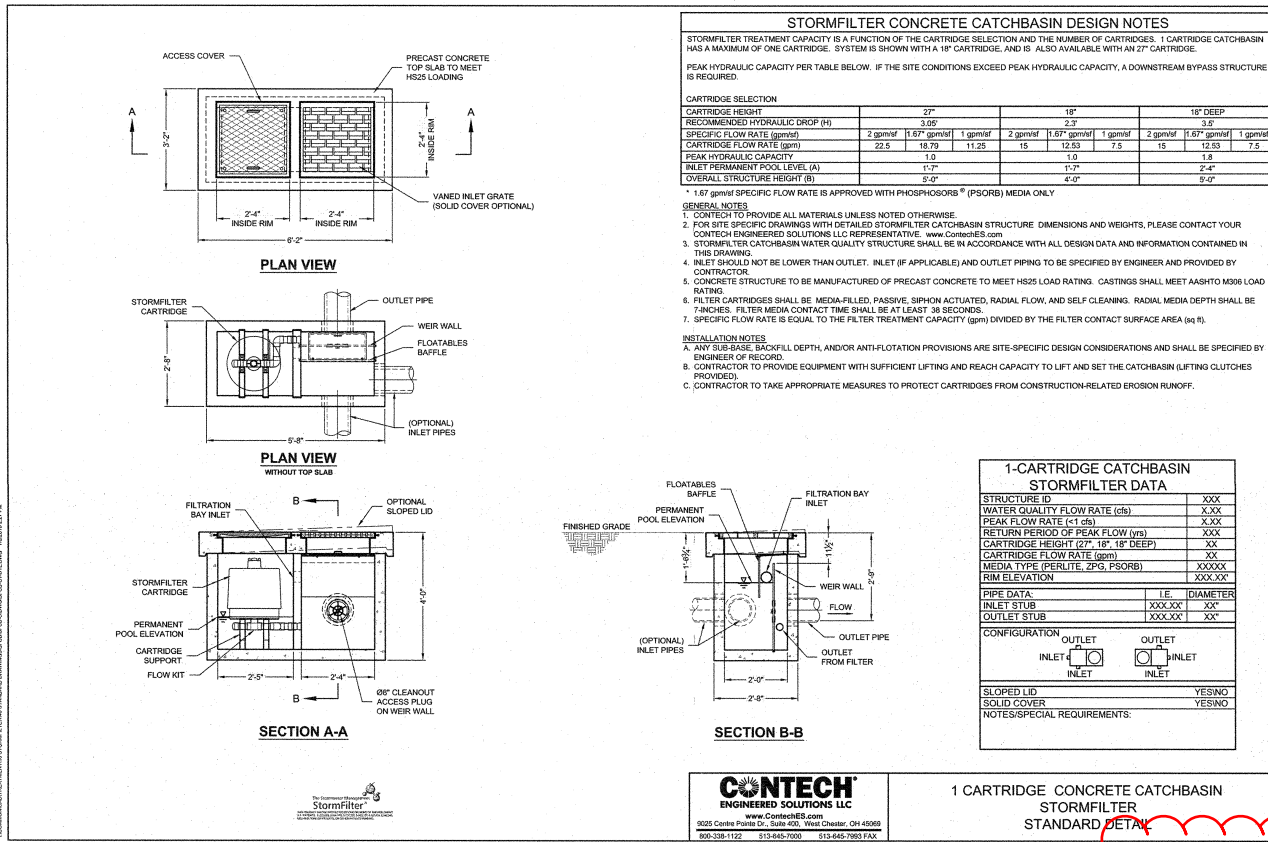


CALIFORNIA

## GRADING PLAN

2019 PAVING PROJECT  
LIVE OAK ELEMENTARY SCHOOL  
5099 BEAR CREEK RD., LODI CA 95240

SAN JOAQUIN CO.



1 CARTRIDGE CONCRETE CATCHBASIN  
STORMFILTER  
STANDARD DETAIL

Sketch SK-1

## C2.1

1 CONTECH CATCH BASIN  
C2.1 NO SCALE