

**CONTRACT NAME: AGREEMENT BETWEEN WALLACE  
KUHL & ASSOCIATES AND DAVIS JOINT UNIFIED SCHOOL  
DISTRICT**

**BRIEF DESCRIPTION OF CONTRACT:** This is an agreement between Wallace Kuhl & Associates and DJUSD to provide testing and inspection services during installation of the visitor bleachers at Davis Senior High School.

The cost of this project is \$13,150 and is included in the funding allocated for Deferred Maintenance.

**DAVIS JOINT UNIFIED SCHOOL DISTRICT**  
**PROFESSIONAL SERVICES AGREEMENT**

**THIS PROFESSIONAL SERVICES AGREEMENT** (the "Agreement") is made and entered into as of February 24, 2017 (the "Effective Date") by and between the Davis Joint Unified School District, a public school district of the State of California (the "District"), and Wallace Kuhl & Associates, a CA Approved Testing Lab ("Provider"). The District and the Provider are collectively referred to in this Agreement individually as "Party" and collectively as the "Parties." This Agreement is made with reference to the following facts:

**WHEREAS**, the District requires services and/or advice of a highly specialized and technical nature in connection with certain financial, economic, accounting, consulting and/or administrative matters and such services and advice are not available within the District and cannot be performed satisfactorily by District employees; and

**WHEREAS**, Provider possesses the necessary expert knowledge, experience, and ability to perform services not available through District personnel, and Provider is specially experienced and competent to provide to the District certain specialized services and/or advice in one or more of the foregoing areas; and

**WHEREAS**, the District desires to engage Provider pursuant to Government Code Section 53060 because of Provider's special expertise and experience, and Provider desires to be engaged by the District; and

**WHEREAS**, the District and Provider desire to reduce to writing the terms and conditions of the District's engagement of Provider; and

**NOW, THEREFORE**, in consideration of the mutual covenants set forth below, the Parties hereby agree as follows:

**ARTICLE 1.**  
**SERVICES TO BE PERFORMED BY PROVIDER**

**Section 1.1 Performance Of Services.**

Provider agrees to perform services for the District as described in Appendix A to this Agreement (the "Services") and shall provide other services as may be requested by the District from time to time.

**Section 1.2 Method Of Performance And General Supervision.**

Provider will determine the methods, details, and means of performing the Services required by this Agreement. Subject to the foregoing, the District retains the right to inspect, to stop work, to prescribe alterations and generally to monitor Provider's work to ensure its conformity with the terms of this Agreement.

### **Section 1.3 Employment Of Assistants.**

Provider may, at Provider's own expense, employ such assistants as Provider deems necessary to perform the services required of Provider by this Agreement. District may not control, direct, or supervise Provider's assistants or Providers in the performance of those services.

### **Section 1.4 Provider's Certifications, Representations and Warranties**

Provider makes the following certifications, representations and warranties for the benefit of the District. Provider acknowledges and agrees that the District, in deciding to engage Provider pursuant to this Agreement, is relying upon the truth and validity of the following certifications, representation and warranties and their effectiveness throughout the term of this Agreement and the course of Provider's engagement hereunder.

(a) Provider is qualified in all respects to provide to the District all of the services contemplated by this Agreement and, to the extent required by any applicable law, Provider has all such licenses and/or governmental approvals as would be required to carry out and perform for the benefit of the District, such services as are called for hereunder.

(b) Provider, in providing the services and in otherwise carrying out its obligations to the District under this Agreement, shall, at all times, comply with all applicable federal, state, and local laws, rules, regulations, and ordinances, including workers' compensation and equal protection and non-discrimination laws.

(c) Provider will perform their services hereunder in a professional manner, using the degree of care and skill ordinarily exercised by, and consistent with, the current professional practices and standards of a professional practicing in California. The Provider will furnish, at their expense, those services that are set forth in this Agreement and represents that such services are within the technical and professional areas of expertise of the Provider or any sub-Provider the Provider has engaged or will engage to perform the service(s).

## **ARTICLE 2. TERM AND TERMINATION**

### **Section 2.1 Term.**

(a) This Agreement shall become effective on the Effective Date and shall continue through May 31, 2017 (the "Term"), unless the Agreement is earlier terminated by either Party in accordance with Section 2.2, below. Pursuant to Education Code Section 17596, the Agreement Term including all renewals shall not exceed five (5) years.

### **Section 2.2 Termination.**

(a) This Agreement may be terminated by either Party upon fourteen (14) days written notice to the other Party in the event of a substantial failure of performance by such other Party, including insolvency of Provider or if the District should decide to abandon or indefinitely postpone the Project.

(b) In the event of a termination based upon abandonment or postponement by District, the District shall pay the Provider for all services performed and all expenses incurred under this

Agreement supported by documentary evidence, including payroll records, and expense reports up until the date of the abandonment or postponement, plus any sums due to the Provider for Board-approved extra services. In ascertaining the services actually rendered hereunder up to the date of termination of this Agreement, consideration shall be given to both completed work and work in process of completion and to complete and incomplete drawings and other documents, whether delivered to the District or in the possession of the Provider. In the event termination is for a substantial failure of performance, all damages and costs associated with the termination, including increased Provider and replacement Provider costs, shall be deducted from payments to the Provider.

(c) In the event a termination for cause is determined to have been made wrongfully, or without cause, then the termination shall be treated as a termination for convenience in accordance with Section 2.2 (d) below, and Provider shall have no greater rights than they would have had if a termination for convenience had been effected in the first instance. No other loss, cost, damage, expense or liability may be claimed, requested or recovered by Provider.

(d) This Agreement may be terminated for convenience by District without cause, upon twenty (20) days written notice to the Provider. In the event of a termination without cause, the District shall pay to the Provider for all services performed and all expenses incurred under this Agreement supported by documentary evidence, including payroll records, and expense reports up until the date of notice of termination, plus any sums due the Provider for Board-approved extra services. In ascertaining the services actually rendered hereunder up to the date of termination of this Agreement, consideration shall be given to both completed work and work in process of completion and to other documents, whether delivered to the District or in the possession of the Provider.

(e) In the event of a dispute between the Parties as to performance of the work or the interpretation of this Agreement, or payment or nonpayment for work performed or not performed, the Parties shall attempt to resolve the dispute. Pending resolution of this dispute, Provider agrees to continue the work diligently to completion. If the dispute is not resolved, Provider agrees it will neither rescind the Agreement nor stop the progress of the work, but Provider's sole remedy shall be to submit such controversy to determination by a court having competent jurisdiction of the dispute, after the Project has been completed, and not before. The Parties may agree in writing to submit any dispute between the Parties to arbitration. The District agrees to pay the Provider the undisputed amounts due under this Agreement.

The Parties understand and agree that this Termination Article shall govern all termination rights and procedures between the Parties. Any termination provision that is attached to this Agreement as an Exhibit shall be void and unenforceable between the Parties.

### **ARTICLE 3. COMPENSATION**

#### **Section 3.1 Terms Of Payment.**

#### **WORK TO TO EXCEED \$13,150.00**

In consideration for all Services to be performed by Provider, the District agrees to pay Provider Thirteen Thousand One Hundred Fifty ----- Dollars (\$ 13,150.00 ) for all hours & materials completed by Provider.

Provider shall submit to the District a statement of services rendered with an invoice. The District agrees to pay the amount due to Provider for the Services within 30 days after the Services are performed.

### **Section 3.2 No Payroll Or Employment Taxes.**

No payroll or employment taxes of any kind shall be withheld or paid with respect to payments to Provider. The payroll or employment taxes that are the subject of this Section include, but are not limited to, FICA, FUTA, federal personal income tax, state personal income tax, state disability insurance tax, and state unemployment insurance tax.

### **Section 3.3 Expenses.**

Provider shall be reimbursed for the reasonable and actual out-of-pocket expenses incurred by Provider in the performance of Provider's duties and responsibilities under this Agreement, as provided for in Appendix A, provided that Provider shall first furnish proper vouchers and expense accounts setting forth the information required by the Internal Revenue Service for deductible business expenses.

### **Section 3.4 Accounting Records Of The Provider.**

Records of the Provider's direct personnel and authorized reimbursable expenses and records of accounts between the District and Provider shall be kept on a generally recognized accounting basis, and shall be available for inspection by the District at mutually convenient times.

## **ARTICLE 4. OTHER OBLIGATIONS OF PROVIDER**

### **Section 4.1 Nonexclusive Services.**

Provider may represent, perform services for, and/or be employed by such additional companies, persons, or clients as Provider, in Provider's sole discretion, chooses.

### **Section 4.2 Workers Compensation And Unemployment Insurance And Licenses.**

Provider shall be responsible for providing, at Provider's own expense, disability, unemployment and other insurance, workers' compensation, training, permits and licenses for Provider and for Provider's employees, agents and independent Providers, as may be required by law.

### **Section 4.3 Materials And Equipment.**

Provider shall supply all materials and equipment required to perform the Services under this Agreement, except as may be otherwise specified in Appendix A.

### **Section 4.4 Licenses, Permits, Fees And Assessments.**

Provider shall obtain at Provider's sole cost and expense such licenses, permits and approvals as may be required by law for the performance of the Services required by this Agreement. Provider shall have the sole obligation to pay for any fees, assessments, and taxes, plus applicable penalties and interest, which may be imposed by law and arise from or are necessary for Provider's performance of the Services required by this Agreement.

#### **Section 4.5 Fingerprinting.**

For any work performed by Provider at District facilities, if and when requested by the District, Provider's employees are required to submit fingerprints to the Department of Justice where an employee may come into contact with students at any District site pursuant to Education Code section 45125.1. The Department of Justice will ascertain whether the employee has a pending criminal proceeding for a violent or serious felony, or has been convicted of a violent or serious felony as those terms are defined in Penal Code sections 667.5(c) and 1192.7(c), respectively. Provider shall not permit an employee to come into contact with students until the Department of Justice has ascertained that the employee has not been convicted of a felony as defined in Education Code section 45125.1. Provider shall provide District with a list of names of employees who may come into contact with students and must certify in writing to the District that none of its employees who may come into contact with students have been convicted of a felony as defined in Education Code section 45125.1. District may request the removal of an employee from a District site at any time. Failure to comply with any of the provisions of this Section may result in termination of this Agreement.

#### **Section 4.6 Confidentiality.**

Provider acknowledges that, during the term of this Agreement, Provider may have access to privileged and confidential materials and information in the custody of clients of the District. Provider covenants and agrees to keep such information confidential and not to disclose such information directly or indirectly during, or subsequent to, the term of this Agreement. Provider further acknowledges that, during the term of this Agreement, Provider may obtain and have access to certain proprietary or confidential information, knowledge, technology, data, methods, files, records, and client lists relating to the District's business (collectively, the "Confidential Information"), which the District and Provider agree are proprietary or confidential in nature.

Provider acknowledges that:

- (a) The Confidential Information will be developed and acquired by the District at great expense, is of great significance and value to the District, and constitutes trade secrets;
- (b) The Confidential Information will be made known to the Provider in full reliance on this Agreement;
- (c) The Confidential Information is material and critically important to the effective and successful conduct of the District's business operations and activities; and
- (d) Any use of the Confidential Information by Provider other than for the District's benefit in connection with the business relationship between Provider and the District established by this Agreement will constitute a wrongful usurpation of the Confidential Information by Provider. The Provider hereby agrees to forever hold the Confidential Information in strict confidence and secret; provided, however, that Provider may disclose any or all of the Confidential Information to any corporation, partnership, trust, firm or other business entity not affiliated with the District if prior written consent of the District is obtained by Provider.

#### **Section 4.7 [Reserved]**

#### **Section 4.8 Insurance.**

Provider shall purchase and maintain policies of insurance with an insurer or insurers, qualified to do business in the State of California and acceptable to District which will protect Provider and District from claims which may arise out of or result from Provider's actions or inactions relating to the Agreement, whether such actions or inactions be by themselves or by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable. The aforementioned insurance shall include coverage for:

(a) Workers' Compensation and Employers Liability Insurance in accordance with the laws of the State of California.

(b) Comprehensive general and auto liability insurance with limits of not less than ONE MILLION DOLLAR (\$1,000,000) combined single limit, bodily injury and property damage liability per occurrence, including:

- (i) owned, non-owned and hired vehicles;
- (ii) blanket contractual;
- (iii) broad form property damage;
- (iv) products/completed operations; and
- (v) personal injury.

#### **Section 4.9 Indemnification.**

To the fullest extent permitted by law, Provider shall fully indemnify, defend and hold harmless the District, its employees, agents and independent Providers from claims, demands, causes of actions and liabilities of every kind and nature whatsoever arising out of or in connection with Provider's services performed under this Agreement. This indemnification shall extend to claims occurring after this Agreement is terminated as well as while it is in force.

#### **Section 4.10 Return Of District Property.**

On the termination of this Agreement or whenever requested by the District, Provider shall immediately deliver to the District all property in Provider's possession or under Provider's control belonging to the District in good condition, ordinary wear and tear and damage by any cause beyond the reasonable control of Provider excepted.

### **ARTICLE 5. PROVIDER'S WORK PRODUCT**

#### **Section 5.1 Ownership Of Provider's Work Product.**

(a) Provider agrees that any and all intellectual properties, including, but not limited to, all ideas, concepts, themes, computer programs or parts thereof, documentation or other literature, or illustrations, or any components thereof, conceived, developed, written, or contributed by Provider, either individually or in collaboration with others, pursuant to this Agreement, shall belong to and be the sole property of District.

(b) Provider agrees that all rights in all works prepared or performed by Provider pursuant to this Agreement, including patent rights and copyrights applicable to any of the intellectual properties described in Subsection (a) above, shall belong exclusively to District and shall constitute “works made for hire.”

(c) The provisions of this Section shall not apply to any of Provider’s rights in any invention for which no equipment, supplies, facilities, or trade secret information of District was used, which was developed entirely on Provider’s own time, and which:

(i) Does not relate, at the time of conception or reduction to practice of the invention, to District’s business or to District’s actual or demonstrably anticipated research or development; or

(ii) Does not result from any work performed by Provider for District.

## **Section 5.2 Use Of Copyrighted Materials.**

Provider warrants that any materials provided by Provider for use by District pursuant to this Agreement shall not contain any material that is protected under the Copyright Act or any other similar law, except to the extent of “fair use,” as that concept is defined in the Copyright Act, and except to the extent that Provider has obtained permission to use such work from the copyright holder. Provider shall be solely responsible for ensuring that any materials provided by Provider for use by District pursuant to this Agreement satisfy this requirement. Provider agrees to hold District harmless from all liability or loss, including debt or exercise for attorneys’ fees to which District is exposed on account of Provider’s failure to perform this duty.

## **ARTICLE 6. GENERAL PROVISIONS**

### **Section 6.1 Disputes Resolution.**

In the event of any disputes or disagreement between the District and Provider with respect to the interpretation of any provision of this Agreement, or to the performance of the Parties under this Agreement, each Party shall appoint a designated representative to meet in good faith, to resolve the dispute or to negotiate an adjustment to any provision of this Agreement. Such negotiations shall be conducted in a timely manner to avoid undue delay in resolving the dispute. No formal proceeding for judicial resolution of any dispute or disagreement shall be commenced until a Party concludes in good faith and provides written notice to the other Party that an amicable resolution of the matter at issue through continued negotiation does not appear likely.

### **Section 6.2 Default.**

A Party will be considered in default of its obligations under this Agreement if such Party should fail to observe, to comply with, or to perform any term, condition, or covenant contained in this Agreement and such failure continues for ten (10) days after the non-defaulting Party gives the defaulting Party written notice thereof. In the event of default, the non-defaulting Party, upon written notice to the defaulting Party, may terminate this Agreement as of the date specified in the notice, and may seek such other and further relief as may be provided by law.



### **Section 6.3 Amendments.**

This Agreement may not be altered or modified, except by a writing signed by the Parties.

### **Section 6.4 Status Of Provider.**

Provider enters into this Agreement, and will remain throughout the term of the Agreement, an independent Provider. Neither Provider nor its employees, agents or independent Providers shall become an employee, joint venturer, partner, agent or principal of the District while this Agreement is in effect. Provider's employees, agents and independent Providers shall not be entitled to the rights or benefits afforded to the District's employees, including disability or unemployment insurance, workers' compensation, medical insurance, sick leave or any other employment benefit.

### **Section 6.5 Governing Law.**

This Agreement shall be governed by and construed according to the laws of the State of California that would apply if all Parties were residents of California and the Agreement was made and performed in California.

### **Section 6.6 Notices.**

All notices and demands between the Parties hereto shall be in writing and shall be served either personally or by registered or certified mail. Such notices or demands shall be deemed given when personally delivered or seventy-two (72) hours after the deposit thereof in the United States mail, postage prepaid, addressed to the Party to whom such notice or demand is to be given or made. Such notices and demands may also be sent by telex, telegraph, telecopier or other similar electronic transmission device providing for a permanent record of the notice or demand, and, if so served, such notice or demand shall be deemed given and made at the time the device confirms to the sender delivery thereof to the addressee.

All notices and demands shall be given as follows:

**To the District:**

Attn: Bruce Colby,  
Chief Business Officer

Davis Joint Unified School District  
526 B Street  
Davis, CA 95616-3811

**To the Provider:**

Attn: David A. Redford, PE

Wallace Kuhl & Associates  
3050 Industrial Blvd.  
West Sacramento, CA 95691

Each Party may designate in writing such other place or places that notices and demands may be given.

**Section 6.7 Assignment.**

This Agreement shall not be assigned by either Party without the prior written consent of the other Party.

**Section 6.8 Order Of Precedence.**

In the event of any conflict or inconsistency in the interpretation of this Agreement (including Attachments), such conflict or inconsistency shall be resolved by giving precedence to the body of this Agreement, then to the Attachments.

**Section 6.9 Agreement Interpretation.**

This Agreement is the result of arm's length negotiations between the Parties, and shall be construed as drafted by all Parties such that any ambiguities shall not be construed against either Party.

**Section 6.10 Counterparts.**

This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, and will become effective and binding upon the Parties as of the Effective Date at such time as all signatories hereto have signed a counterpart of this Agreement.

**Section 6.11 Entire Agreement.**

This Agreement contains the entire agreement between the Parties with respect to the subject matter of this Agreement and it supersedes all other prior and contemporary agreements, understanding, and commitments between the Parties with respect to the subject matter of the Agreement.

**Section 6.12 Severability.**

If any provision in this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions will nevertheless continue in full force without being impaired or invalidated in any way.

**Section 6.13 Effect Of Recitals.**

The Recitals and Exhibits herein are deemed true and correct, are hereby incorporated into this Agreement as though fully set forth herein, and the Parties acknowledge and agree that they are bound by the same.

**Section 6.14 Force Majeure.**

Notwithstanding any other terms and conditions hereof, in the event that a Party is materially unable to perform any of its obligations hereunder because of severe weather, natural disasters, riots, wars, acts of terrorism, governmental action or other events of force majeure beyond the Party's control, then such Party shall, upon written notice to the other Party hereof, be relieved from its performance of such obligations to the extent, and for the duration, that such performance is prevented by such events; provided that such Party shall at all times use its best efforts to resume such performance.

**IN WITNESS WHEREOF**, the Parties hereto have entered into this Agreement as of the Effective Date of this Agreement.

**DISTRICT:** **DAVIS JOINT UNIFIED SCHOOL DISTRICT**  
By: \_\_\_\_\_

Name and Title: Bruce Colby, Chief Business Officer

**PROVIDER:** **WALLACE & KUHL & ASSOCIATES**  
By: \_\_\_\_\_

Name and Title: \_\_\_\_\_

**APPENDIX A**  
**SCOPE OF SERVICES**

(attached)

**Provide Special Testing and Inspections for Davis High School New Visitor Bleachers (DSA Application No. 02-114706) in accordance with DSA's Approved Testing and Inspection requirements listed on DSA Form 103 (attached) and in accordance with WKA Proposal dated February 24, 2017. Work shall be coordinated with the Project Inspector and HMC Architects to ensure compliance with DSA Approved Drawings and Specifications.**



CORPORATE OFFICE  
3050 Industrial Boulevard  
West Sacramento, CA 95691  
916.372.1434 phone  
916.372.2565 fax

STOCKTON OFFICE  
3422 West Hammer Lane, Suite D  
Stockton, CA 95219  
209.234.7722 phone  
209.234.7727 fax

February 24, 2017

**DSA File No. 57-H3**  
**DSA App. No. 02-114706**  
**LEA No. 116**

Mr. George Parker  
Davis Joint Unified School District  
Via email to: [gparker@djUSD.net](mailto:gparker@djUSD.net)

*Materials Testing and Special Inspection Services Proposal*  
**DAVIS SENIOR HIGH SCHOOL VISITOR BLEACHERS**  
315 West 14<sup>th</sup> Street  
Davis, California

Wallace-Kuhl and Associates (WKA) is pleased to submit this proposal to provide testing and inspection services during installation of the visitor bleachers at Davis Senior High School. The project consists of installation of a new steel-framed bleachers at one side of the existing athletic field and associated minor flatwork.

Our budget estimate is based on review of the construction documents and discussions with project personnel. We understand our scope of work would include inspection and testing of soils, reinforced concrete, post-installed anchors, and field bolting. We would prepare the DSA required documentation of our testing and inspection results. We understand welding and fabrication inspection for the bleachers will be provided in Texas by others.

Based on our experience and the scope of work shown on the attached Budget Estimate, we estimate that our fee for the special inspection and testing services required for this project would be approximately \$13,150. Billing would be only for work performed and determined based on the attached 2017P Schedule of Fees.

Please be aware that we bill for our hourly services on a portal-to-portal basis from our West Sacramento office. We had to estimate the number of site visits and hours required for our services in the absence of a construction schedule. We plan to subcontract with a local DSA approved lab to sample and test rebar, which we understand is being fabricated in Santa Fe Springs. Please be aware that the construction schedule and the contractor's efficiency directly affect the number of site visits - and the cost - required for our services. Our representatives would work with the Project Inspector to perform our work in a timely and efficient manner.

To assure that all parties fully understand the limitations of our role in your project, we emphasize that our representative will not act as supervisor of construction, nor will they direct construction operations. The various sub-contractors should be informed that neither the presence of our representative nor the testing by our firm shall excuse them from defects

discovered in their work. Job and site safety of the contractor's personnel will be the sole responsibility of the contractor.

Our standard agreement for this work is attached to this proposal. If this proposal is acceptable, please sign the agreement and return it to us as our written authorization to proceed. We will return a fully executed copy of the agreement to you for your files. Please inform us if wet signed copies of the agreement are required. If that is the case, please print sign and return two copies of the agreement to our office. We will then return a fully executed copy by US mail for your files.

Thank you for the opportunity to submit this proposal and please contact me with any questions.

Wallace - Kuhl & Associates



David A. Redford, PE  
Senior Engineer

Attachments: Budget Estimate  
Construction Testing Agreement  
Schedule of Fees 2017P



*Budget Estimate*  
**DAVIS SENIOR HIGH SCHOOL VISITOR BLEACHERS**  
 Davis, California  
 Page 1

	Unit	Cost (\$) Per Unit	Estimated Quantity	Total
<b>SOILS TESTING AND INSPECTION</b>				
Foundation Construction Inspection	hour	\$ 100.00	4	\$ 400.00
Foundation Backfill Testing	hour	\$ 100.00	12	\$ 1,200.00
Flatwork Subgrade Inspection/Testing	hour	\$ 100.00	2	\$ 200.00
Flatwork Aggregate Base Inspection/Testing	hour	\$ 100.00	2	\$ 200.00
Laboratory Testing				
ASTM D1557 Compaction Curve	each	\$ 240.00	2	\$ 480.00
<b>PROJECT ADMINISTRATION, REVIEW &amp; REPORTS</b>				
Senior Engineer	hour	\$ 170.00	2	\$ 340.00
<b>SOILS TOTAL</b>				<b>\$ 2,820.00</b>
<b>CONCRETE TESTING AND INSPECTION</b>				
Concrete Mix Design Review by Senior Engineer	each	\$ 170.00	2	\$ 340.00
Reinforcing Steel Sampling and Tagging	hour	\$ 95.00	10	\$ 950.00
Batch Plant Inspection	hour	\$ 95.00	5	\$ 475.00
Concrete Placement T&I				
Continuous and Spread Footings	hour	\$ 95.00	20	\$ 1,900.00
Retrieve Test Samples	hour	\$ 95.00	8	\$ 760.00
Laboratory Testing				
Concrete Test Cylinders - 5 sets of 4	each	\$ 25.00	20	\$ 500.00
Reinforcing Steel Tensile Testing	each	\$ 70.00	4	\$ 280.00
Reinforcing Steel Bend Testing	each	\$ 35.00	4	\$ 140.00
<b>CONCRETE TOTAL</b>				<b>\$ 5,345.00</b>
<b>POST-INSTALLED CONCRETE ANCHORS TESTING AND INSPECTION</b>				
Concrete Anchor Installation Inspection	hour	\$ 95.00	5	\$ 475.00
Concrete Anchor Torque Testing	hour	\$ 100.00	5	\$ 500.00
<b>ANCHOR TOTAL</b>				<b>\$ 975.00</b>
<b>STRUCTURAL STEEL TESTING AND INSPECTION</b>				
High Strength Bolting T&I	hour	\$ 100.00	12	\$ 1,200.00
Laboratory Testing				
High Strength Bolt Testing				\$ 1,000.00
<b>STRUCTURAL STEEL TOTAL</b>				<b>\$ 2,200.00</b>
<b>PROJECT ADMINISTRATION, REVIEW &amp; REPORTS</b>				
Project Administration	hour	\$ 170.00	4	\$ 680.00
Senior Engineer - Report Review / Closeout Documentation	hour	\$ 170.00	4	\$ 680.00
Mileage	Mile	\$ 0.75	600	\$ 450.00
<b>PROJECT ADMINISTRATION TOTAL</b>				<b>\$ 1,810.00</b>
<b>PROJECT TOTAL</b>				<b>\$ 13,150.00</b>





## CONSTRUCTION TESTING AGREEMENT

DAVIS SENIOR HIGH SCHOOL VISITOR BLEACHERS  
Davis, California

DAVIS JOINT UNIFIED SCHOOL DISTRICT ("CLIENT") and River City Geoprofessionals, Inc. dba **WALLACE - KUHL & ASSOCIATES**  
("WKA") agree:

1. **PROFESSIONAL SERVICES.** WKA will perform professional services and will receive compensation pursuant to the terms and conditions of the attached proposal letter dated February 24, 2017, which is incorporated herein by reference. In performing professional services, WKA shall use that degree of care and skill ordinarily exercised, under similar circumstances, by reputable members of the engineering profession practicing under similar conditions at the same time and in the same or similar locality. CLIENT understands and acknowledges the inherent risks connected with construction and agrees that no warranty, either express or implied, is included in this Agreement or in any drawing, specification, report or opinion produced pursuant to this Agreement.

2. **PAYMENT.** WKA will submit invoices for services rendered on a periodic basis, provided, however, said invoices shall not be submitted more frequently than once every 30 days. Invoices shall be due upon receipt, but shall not be considered delinquent if paid on or before the expiration of 30 days from the date of mailing. If payment is not made, a late payment charge shall be due on the invoice amount at the rate of one and one-half percent (1½%) per month, which is an ANNUAL PERCENTAGE of eighteen percent (18%), on the unpaid balance from the date of the invoice until paid. In the event of delinquency, Client shall pay the actual cost of collection including, without limitation, reasonable attorney's fees. If the Client is an LLC, the representative of the Client signing this agreement shall be personally responsible and guarantee payment of all invoices.

3. **JOB SITE.** WKA will not act as supervisor of construction operations, nor will WKA direct or exert any control over such operations. The construction contractor(s) shall be informed that neither the presence of WKA on the job site, nor the testing by WKA shall excuse the contractor(s) for defects in any contractor's work or any contractor's non-compliance with the project plans, specifications or applicable laws, ordinances, regulations or standards, whether such defect or non-compliance is discovered during or after construction. CLIENT agrees that the construction contractor(s) will be required by CLIENT to assume sole and complete responsibility for job conditions during construction, including safety of persons and property.

4. **REPORTS.** Reports, plans and other work prepared by WKA remain the property of WKA. CLIENT agrees that all reports and other work furnished to the CLIENT and his agents not paid for will be returned upon demand, and will not be used for licensing, permits, design and/or construction.

5. **LIABILITY.** CLIENT agrees to indemnify and hold WKA harmless from any and all liability in connection with the performance of work during construction of this project, except liability arising directly from the gross negligence or willful misconduct of WKA. WKA carries workers' compensation insurance and public liability insurance for bodily injury and property damage that may be suffered by third parties and members of the public who are not covered by the limitation of liability set forth below in Paragraph 6. Certificates of coverage will be furnished to CLIENT upon written request. WKA assumes the risk of damage caused by its personnel to its supplies and equipment. In the event CLIENT desires greater insurance coverage and directs WKA to take out additional insurance, WKA shall procure and maintain additional insurance, if procurable, at CLIENT's expense; provided, however, WKA shall not be responsible for property damage and bodily injury resulting from any cause, including fire and explosion, beyond the amount and coverage of WKA's insurance.

6. **LIMITATION OF LIABILITY.** WKA's liability for damages due to alleged negligent professional acts, errors and omissions will be limited to a sum not to exceed \$10,000 or WKA's total fee, whichever is greater. Notwithstanding any other provision herein to the contrary, WKA shall not be responsible or held liable for any special, indirect or consequential damages resulting in any way from WKA's performance under this Agreement.

7. **GOVERNING LAW; DISPUTES.** This Agreement shall be governed by the laws of the State of California. Should either party hereto bring suit in court to enforce any term of this Agreement, it is agreed that each party shall pay their own legal costs, expenses and attorneys' fees.

DAVIS JOINT UNIFIED SCHOOL DISTRICT

WALLACE - KUHL & ASSOCIATES

Signature

Signature

Name printed or typed

Title

David A. Redford, Senior Engineer

Name/Title CA Registered CE No. 51122, expires 9/30/17

Date

February 24, 2017

Date

Company Address



**PROFESSIONAL SERVICES**

Principal Engineer / Geologist	\$170.00	per hour
Senior Engineer / Geologist	\$170.00	per hour
Senior Environmental Scientist	\$170.00	per hour
Project Engineer / Geologist	\$140.00	per hour
Project Environmental Scientist	\$140.00	per hour
Senior Staff Engineer / Geologist	\$130.00	per hour
Senior Staff Environmental Scientist	\$130.00	per hour
Staff Engineer / Geologist	\$125.00	per hour
Staff Environmental Scientist	\$125.00	per hour
Senior Environmental Technician	\$100.00	per hour
Senior / Supervising Technician	\$100.00	per hour
Draftsperson / GIS Technician	\$95.00	per hour
Administrative Assistant	\$75.00	per hour

**FIELD INVESTIGATION TESTING**

Seismic Refraction Survey	\$170.00	per hour
Thermal Resistivity Testing	\$170.00	per hour
Electrical Resistivity Survey	\$170.00	per hour
Hand Augering/Sampling - Engineer	\$150.00	per hour
Photoionization Detector	\$170.00	per hour
Rebar Location / GPR	\$285.00	per hour

**LITIGATION**

Data Review/Consultation	\$240.00	per hour
Depositions/Expert Witness Testimony	\$350.00	per hour

**EXPENSES**

Vehicle Charges ( <i>Subject to periodic adjustment due to fuel cost</i> )	\$0.75	per mile
Subsistence	\$55.00	per day
Lodging	Cost	
Services by Associate Firms and other outside services	Cost	plus 20%
Equipment rental, freight, special materials	Cost	plus 20%
Extra Report Copies		
Black and white versions	\$25.00	each
Color photography versions	\$35.00	each

**PREMIUM CHARGES**

Overtime and Saturdays	hourly rate plus	40	percent
Sunday and Holidays	hourly rate plus	75	percent

**SHIFT DIFFERENTIAL**

A 25 percent shift differential surcharge will be added to the hourly rate of personnel involved in scheduled testing work between the hours of 6 P.M. and 5 A.M., as well as a four hour minimum.



**FIELD SERVICES**

**CONCRETE & REINFORCING STEEL**

Ball Penetration (Kelly Ball)	\$125.00 /hr.
Batch Plant Inspection	\$95.00 /hr.
CaCl Moisture Emission Test Kit	\$32.00 /kit
CaCl Moisture Emission Testing	\$90.00 /hr.
CLSM/CDF/Slurry Testing	\$90.00 /hr.
Concrete Mix Design Review	\$170.00 /hr.
Concrete Placement Obs/Cast Cylinder	\$95.00 /hr.
Concrete Rebound Number Testing	\$125.00 /hr.
Concrete Trial Batch	\$95.00 /hr.
Floor Flatness Testing	\$125.00 /hr.
High Strength Grout Sampling / Testing	\$95.00 /hr.
Rebar / Post Tension Special Inspection	\$100.00 /hr.
Rebar Location / GPR	\$285.00 /hr.
Rebar Location / Pachometer	\$125.00 /hr.
Rebar Placement Inspection	\$100.00 /hr.
Reinforcing Steel Sampling/Tagging	\$95.00 /hr.
Relative Humidity Testing	\$125.00 /hr.
Shotcrete Special Inspection	\$95.00 /hr.
Transport Cylinders / Samples to Lab	\$95.00 /hr.

**CORING**

Coring (Technician + equipment)	\$125.00 /hr.
Coring (Technician assistant)	\$95.00 /hr.

**POST-INSTALLED ANCHORS**

Concrete Anchor Installation Inspection	\$95.00 /hr.
Concrete Anchor Proof Load Testing	\$125.00 /hr.
Concrete Anchor Torque Testing	\$100.00 /hr.
Suspended Ceiling Inspection / Testing	\$125.00 /hr.

**STRUCTURAL STEEL**

Fireproofing Special Inspection / Testing	\$95.00 /hr.
High Strength Bolt Special Inspection	\$100.00 /hr.
Non-Destructive Testing - UT/MT/PT	\$110.00 /hr.
Tower Certified Special Inspector	\$125.00 /hr.
Welding Special Inspection - Field	\$100.00 /hr.
Welding Special Inspection - Shop	\$100.00 /hr.

**MASONRY**

In-Place Masonry Flatjack Testing	\$150.00 /hr.
In-Place Masonry Shear Testing	\$125.00 /hr.
Masonry Materials Sampling / Testing	\$95.00 /hr.
Masonry Special Inspection	\$95.00 /hr.
Masonry Special Inspection DSA Cert.	\$105.00 /hr.

**SOILS & ASPHALT CONCRETE**

Asphalt Concrete Inspection / Testing	\$100.00 /hr.
Asphalt Concrete Materials Sampling	\$100.00 /hr.
Building Pad Special Inspection / Testing	\$100.00 /hr.
Deep Foundation Inspection	\$100.00 /hr.
Flatwork AB Inspection / Testing	\$100.00 /hr.
Flatwork Subgrade Inspection / Testing	\$100.00 /hr.
Grading Inspection / Testing	\$100.00 /hr.
Hand Augering and Sampling	\$130.00 /hr.
Pavement AB Inspection / Testing	\$100.00 /hr.
Pavement Subgrade Inspection / Testing	\$100.00 /hr.
Proof Rolling Observation	\$100.00 /hr.
Shallow Foundation Inspection	\$100.00 /hr.
Slab Subgrade Soil Moisture Tests	\$100.00 /hr.
Soil / Aggregate Sampling	\$100.00 /hr.
Soil Treatment Testing / Observation	\$100.00 /hr.
Structure Backfill Inspection / Testing	\$100.00 /hr.
Subgrade Stabilization Observation	\$100.00 /hr.
Utility Trench Backfill Testing	\$100.00 /hr.
WKA Drill Rig (including operator)	\$270.00 /hr.
WKA Drill Rig (helper)	\$100.00 /hr.

**SPECIALIZED SERVICES**

Coefficient of Friction Testing	\$130.00 /hr.
Crack Monitoring	**
Existing Building Evaluation / Demo	\$95.00 /hr.
Existing Building Evaluation / Document	\$95.00 /hr.
Existing Building Evaluation / Repair	\$95.00 /hr.
Field Investigate Support	\$95.00 /hr.
FRP Installation Inspection	\$95.00 /hr.
GFRC Inspection / Testing	\$95.00 /hr.
Soil Elect. Resistivity Testing - Technician	\$130.00 /hr.
Prestress Framing Installation	\$95.00 /hr.
Proto Wall Inspection / Testing	\$95.00 /hr.
Roofing Inspection	\$95.00 /hr.
Shear Nailing Inspection	\$95.00 /hr.
Thickness Testing - Coating / Steel	\$125.00 /hr.
Timber Framing / Hardware Inspection	\$95.00 /hr.
Vapor Barrier Inspection	\$95.00 /hr.
Vibration Monitoring	**

**GENERAL**

Inspection / Testing Cancelled	*
Reinspection / Retesting	*
Stand-by Time	*

\* Based on hourly rate of Inspection or Testing scheduled

\*\* Based on Staff Classification

**MINIMUM CHARGES**

A two hour minimum charge will apply to field technician services with the following exceptions:

- Single trip pickup and delivery services, where a one hour minimum will apply.
- Saturday, Sunday and holidays, where a four hour minimum charge will apply.



**LABORATORY SERVICES**

**SOIL**

Atterberg Limits (LL/PI)	ASTM D4318	\$150.00	each
CLSM/CDF/Soil Cement Compression Test	ASTM D4832	\$50.00	each
Compaction Characteristics	ASTM D698	\$240.00	each
Compaction Characteristics	ASTM D1557	\$240.00	each
Compaction Characteristics	CTM 216	\$240.00	each
Expansion Index	ASTM D4829	\$175.00	each
Hydraulic Conductivity, Flexible Wall Permeability	ASTM D5084	\$400.00	each
Lime-Treated Unconfined Compression	CTM 373	\$785.00	each
Moisture Content	ASTM D2216	\$20.00	each
Organic Content	ASTM D2974	\$90.00	each
Resistance "R" Value - Untreated	ASTM D2844, CTM 301	\$245.00	each
Resistance "R" Value - Laboratory Lime-Treated	ASTM D2844, CTM 301	\$300.00	each
Sieve Analysis - Sieve only (Coarse or Fine)	ASTM C136/D1140	\$100.00	each
Sieve Analysis - Passing No. 200 only	ASTM D1140	\$90.00	each
Sieve Analysis - Sieve & Hydrometer	ASTM D422	\$160.00	each
Specific Gravity of Soils	ASTM D854	\$125.00	each
Triaxial Compression Test, 1 point - Undisturbed	ASTM D4767	\$250.00	each
Triaxial Compression Test, 3 Pt. Staged - Undisturbed	ASTM D4767	\$295.00	each
Triaxial Compression Test, 1 point - Remolded	ASTM D4767	\$325.00	each
Triaxial Compression Test, 3 Pt. Staged - Remolded	ASTM D4767	\$375.00	each
Unconfined Compression Test	ASTM D2166	\$100.00	each
Unit Weight/Moisture Content - Tube Sample	ASTM D2937/D2216	\$30.00	each
Consolidation (8 loads + 1 rebound)	ASTM D2435	\$450.00	each
Consolidation (additional loads)	ASTM D2435	\$50.00	each
Thermal Resistivity	ASTM D5334	\$50.00	each

**AGGREGATE**

Aggregate Unit Weight	ASTM C29	\$50.00	each
Clay Lumps and Friable Particles	ASTM C142	\$155.00	per size
Cleanness Value	CTM 227	\$160.00	each
Durability Index (Coarse or Fine)	CTM 229	\$155.00	each
Flat and Elongated Particles in Coarse Aggregate	ASTM D4791	\$115.00	per size
Fractured/Crushed Particles	ASTM D5821, CTM 205	\$115.00	per size
Organic Impurities in Fine Aggregates	ASTM C40	\$55.00	each
Resistance "R" Value	CTM 301	\$290.00	each
Sand Equivalent, 1 point	CTM 217	\$85.00	each
Sand Equivalent, 3 points	CTM 217	\$125.00	each
Sieve Analysis - Coarse or Fine	ASTM C136, CTM 202	\$100.00	each
Sieve Analysis - Passing No. 200 only	ASTM C117	\$90.00	each
Sodium Sulfate Soundness	ASTM C88, CTM 214	\$120.00	per size
Specific Gravity and Absorption (Coarse or Fine)	ASTM C127, C128	\$120.00	each

**ASPHALT CONCRETE**

Asphalt Content (Ignition Oven)	ASTM D6307, CTM 382	\$240.00	each
Hveem Compacted Unit Weight, 1 point	ASTM D1560/D2726		
	CTM 304/308	\$95.00	each
Laboratory Test Maximum Density (LTMD), 5 points	CTM 375	\$350.00	each
Marshall Compacted Unit Weight, 1 point	ASTM D6926/D2726	\$90.00	each
Sieve Analysis of AC Aggregate (Coarse and Fine)	ASTM D5444, CTM 202	\$165.00	each
Stabilometer Value, 1 point	CTM 366	\$125.00	each
Theoretical Maximum Density	ASTM D2041, CTM 309	\$150.00	each
Thickness of AC Cores	ASTM D3549	\$10.00	each
Unit Weight of AC Cores	ASTM D2726, D1188, CTM 308	\$50.00	each



**LABORATORY SERVICES**

**CONCRETE**

Compression Test, Concrete Cylinder	ASTM C39	\$25.00	each
Compression Test, Concrete Cylinder - Hold	ASTM C39	\$20.00	each
Compression Test, Concrete Core	ASTM C42, C39	\$70.00	each
Compression Test, Shotcrete Core	ASTM C42, C39	\$70.00	each
Compression Test, High Strength Grout	ASTM C1107/C109	\$35.00	each
Concrete Cylinder Mold		\$4.00	each
Density / Unit Weight of Concrete	ASTM C567, C642	\$50.00	each
Flexural Strength Test, Concrete Beam	ASTM C78	\$95.00	each
Laboratory Drying Shrinkage Test, per beam	ASTM C157	\$175.00	each
Splitting Tensile Test, Concrete Cylinder	ASTM C496	\$75.00	each

**MASONRY**

Brick			
Compression Test	ASTM C67	\$60.00	each
Modulus of Rupture	ASTM C67	\$70.00	each
Absorption	ASTM C67	\$85.00	each
Concrete Masonry Unit			
Compression Test	ASTM C140	\$70.00	each
Absorption & Moisture Content	ASTM C140	\$70.00	each
Linear Drying Shrinkage	ASTM C426	\$175.00	each
Compression Test, Composite Masonry Prism	ASTM C1314	\$95.00	each
Compression Test, Masonry Grout	ASTM C1019	\$35.00	each
Compression Test, Mortar	ASTM C780	\$30.00	each
Core Shear Test	CBC Section 2105A	\$80.00	each
Masonry Core Compression Test	CBC Section 2105A	\$70.00	each

**STEEL**

Anchor Bolt Tensile Test	ASTM F606	\$95.00	each
Fireproofing Density Test	ASTM E605	\$65.00	each
High Strength Bolt Assembly Laboratory Testing			
Bolt - Wedge Tension Test	ASTM F606	\$70.00	each
Bolt - Proof Load Test	ASTM F606	\$70.00	each
Bolt - Hardness Test	ASTM E18	\$25.00	each
Nut - Proof Load Test	ASTM F606	\$70.00	each
Nut - Hardness Test	ASTM E18	\$25.00	each
Washer - Hardness Test	ASTM E18	\$25.00	each
Prestressing Steel Strand Tensile Test	ASTM A416/A1061	\$125.00	each
Reinforcing Steel (Rebar) Tensile Test			
Up to No. 7	ASTM A615, A706/A370	\$70.00	each
From No. 8 through No. 14	ASTM A615, A706/A370	\$95.00	each
Reinforcing Steel (Rebar) Bend Test	ASTM A615, A706/A370	\$35.00	each
Structural Steel Tensile Test			
Up to 3/4"	ASTM A370	\$70.00	each
Sizes Larger Than 3/4"	ASTM A370	\$95.00	each
Machining of Test Specimens		cost plus %20	
Structural Steel Hardness Test	ASTM E18	\$75.00	each
Torque Wrench Calibration (minimum of 4 wrenches)		\$75.00	each
Weld Assembly, Guided Bend/Macroetch/T-Bend Test	AWS D1.1, ASTM E190	\$75.00	per test
Welder Qualification Test Inspection		\$80.00	per hour
Welder Qualification Test Record		\$95.00	each

**TESTING SERVICES**

Laboratory Technician	\$85.00	per hour
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DSA-103  
rev 9/7/2016

## Listing of Structural Tests & Special Inspections - 2013 CBC

INCREMENT # **2** DSA File No.: **57-H3**  
Application No.: **02-114706**  
Date Submitted: **1-17-2017** Revised:  
Revised:

<b>School Name</b> Davis Sr. High School	<b>District</b> Davis USD	<b>INSTRUCTIONS:</b> Click a plus sign (+) before any category or subcategory to reveal additional tests and special inspections. A shaded box indicates a test or special inspection that may be required, depending on the scope of the construction and other issues. A shaded box can be clicked indicating your selection of that test. <b>Note:</b> A minus (-) on a category or subcategory heading indicates that it can be collapsed. However, any selections you may have made will be cleared. Click on the "COMPILE" button to show only the tests and inspections finally selected. <b>For more information on use of this form, see DSA-103.INSTR.</b>
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**IMPORTANT:** This form is only a summary list of structural tests and some of the special inspections required for the project. 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 appendix at the bottom 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 non-structural components, etc., per Title 24, Part 2, Chapter 17A.

**NOTE:** This form is also available for projects submitted for review under the 2007 and 2010

**Note: References are to the 2013 edition of the California Building Code (CBC) unless otherwise noted.**

TEST OR SPECIAL INSPECTION		TYPE	PERFORMED BY	CODE REFERENCE AND NOTES
REQUIRED				
<b>SOILS</b>				
<b>1. GENERAL:</b>				
	a. Verify that:	Periodic	GE*	* By geotechnical engineer or his or her qualified representative. (See Appendix for exemptions.)
X	• 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, and			
	• materials below footings are adequate to achieve the design bearing capacity.			
<b>2. COMPACTED FILLS:</b>				
	b. Verify use of proper materials and inspect lift thicknesses, placement, and compaction during placement of fill.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
X	c. Test compaction of fill.	Test	LOR*	* Under the supervision of the geotechnical engineer.
<b>CONCRETE</b>				
<b>7. CAST IN PLACE CONCRETE</b>				
<b>Material Verification and Testing:</b>				
X	a. Verify use of required design mix.	Periodic	SI*	* To be performed by qualified batch-plant inspector and concrete sampling technician
X	b. Test reinforcing steel.	Test	LOR	1913A.2 (1913.2.6*), ASTM A370, DSA IR 17-10
X	c. Perform slump, temperature, air content tests, and sample concrete.	Test	LOR	ASTM C172, ASTM C31.
X	d. Test concrete (compression)	Test	LOR	ACI 318 Section 5.6 and 1905A.1.2 (1913.3.1*), ASTM C39.
<b>Inspection:</b>				
X	e. Batch plant inspection	Continuous	SI	1705A.3.2; If approved by DSA, batch plant inspection may be reduced to periodic if plant complies with 1705A.3.3, Item 1, and requires first batch inspection, weighmaster, and batch tickets.



DSA-103 rev 9/7/2016

# Listing of Structural Tests & Special Inspections - 2013 CBC

INCREMENT #

2

DSA File No.:

57-H3

Application No.:

02-114706

Date Submitted:

1-17-2017

Revised:

Revised

TMS 402-11/ACI 530-11/ASCE 5-11 Table 1.19.3

## + MASONRY

### - STEEL, ALUMINUM

Table 1705A.2.1

## 17. STRUCTURAL STEEL, COLD-FORMED STEEL, AND ALUMINUM USED FOR STRUCTURAL PURPOSES

### Material Verification:

a. Verify that all materials are appropriately marked and that:

- Mill certificates indicate material properties that comply with requirements,
- Material sizes, types and grades comply with requirements.

b. Test unidentified materials

### Inspection:

e. Verify and document steel fabrication per DSA approved construction documents.

## 18. HIGH STRENGTH BOLTS:

### Material Verification of High-Strength Bolts, Nuts, and Washers:

a. Verify identification markings and manufacturer's certificates of compliance conform to ASTM standards specified in the DSA approved documents.

b. Test high-strength bolts, nuts and washers.

### Inspection of High-Strength Bolt Installation:

c. Bearing-type ("snug tight") connections.

## 19. WELDING:

### Verification of Materials, Equipment, Welders, etc:

a. Verify weld filler material identification markings per AWS designation listed on the DSA approved documents and the WPS.

b. Verify weld filler material manufacturer's certificate of compliance.

c. Verify WPS, welder qualifications and equipment.

### 19.1 SHOP WELDING:

a. Inspect groove, multi-pass fillet welds > 5/16", plug and slot welds

b. Inspect single-pass fillet welds ≤ 5/16"

c. Inspect welding of stairs and railing systems.

### 19.2 FIELD WELDING:

b. Inspect single-pass fillet welds ≤ 5/16"

## 23. ANCHOR BOLTS, ANCHOR RODS, & OTHER STEEL:

a. Anchor Bolts and Anchor Rods

## + WOOD

## + OTHER

\* By special inspector or qualified technician when performed off-site.

2203A.1 (2203.1\*), ASTM A370.

Not applicable to cold-formed steel, except for trusses (1705A.2.2.4).

DSA IR 17-9

2213A.1 (2212.6.1\*), ASTM F606, A370. DSA IR 17-8

DSA IR 17-9

DSA IR 17-3, 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. (See Appendix for exemptions.)

SI

SI

SI

SI

Per AISI 360 (and AISI 341 as applicable), DSA IR 17-3.

Per AISI 360 (and AISI 341 as applicable), DSA IR 17-3.

1705A.2.2.1 Per AISI 360 (and AISI 341 as applicable), DSA IR 17-3.

Per AISI 360 (and AISI 341 as applicable), DSA IR 17-3.

IR 17-11 Sample and test anchor bolts and anchor rods not readily identifiable.



DSA-103 rev 9/7/2016

# Listing of Structural Tests & Special Inspections - 2013 CBC

INCREMENT # 2 DSA File No.: 57-H3  
 Application No.: 02-114706  
 Date Submitted: 1-17-2017 Revised:           
 Revised:         

## List of required verified report(s):

- 1 Soils testing and inspection: Geotechnical Verified Report - Form DSA-293
- 2 All Structural Testing: Laboratory Verified Report - Form DSA-291
- 3 Concrete Batch Plant Inspection: Laboratory Verified Report - Form DSA-291, or, for independently contracting SI, Special Inspection Verified Report - Form DSA-292
- 4 Shop Welding Inspection: Laboratory Verified Report - Form DSA-291, or, for independently contracting SI, Special Inspection Verified Report - Form DSA-292
- 5 Field Welding Inspection: Laboratory Verified Report - Form DSA-291, or, for independently contracting SI, Special Inspection Verified Report - Form DSA-292
- 6 HS Bolt Installation Inspection: Laboratory Verified Report - Form DSA-291, or, for independently contracting SI, Special Inspection Verified Report - Form DSA-292

## KEY to Columns

1	Type -	2	Performed By -
Continuous	Indicates that a continuous special inspection is required	GE	Indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative
Periodic	Indicates that a periodic special inspection is required	LOR	Indicates that the test or inspection is to be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Acceptance (LEA) Program. See section 4-335, 2013 CCR Title 24, Part 1.
Test	Indicates that a test is required	SI	Indicates that the special inspection is to be performed by a special inspector

COMPILE

PRINT

IDENTIFICATION STAMP  
 DIV OF THE STATE ARCHITECT  
 APP. # 02-114706  
 AC N/A F/L N/A SS RL  
 DATE 1/17/17

Name of Architect or Engineer in general responsible charge

Jack Howard, SE

Name of Structural Engineer (When structural design has been delegated)

1/16/17

date

Signature of Architect or Structural Engineer





DSA-103 rev 9/7/2016

## Listing of Structural Tests & Special Inspections - 2013 CBC

INCREMENT #

2

DSA File No.:

57-H3

Application No.:

02-114706

Date Submitted:

1-17-2017

Revised:

Revised:

### Appendix: Work Exempt from DSA Requirements for Special Inspection or Structural Testing

Exempt items given in IR A-22 or the 2013 CBC (including DSA amendments) and those items identified below with an "X" by the design professional are NOT subject to DSA requirements for structural tests and special inspections. The project inspector shall verify all construction complies with the approved construction documents.

Exempted by Design Prof.		Exempted by Design Prof.	
		Soils:	Welding:
X		1. Deep foundations acting as a cantilever footing designed based on minimum allowable pressures per 2013 CBC Table 1806A.2 and having no geotechnical report for the following types of structures: free standing sign, scrolling message sign, scoreboard, covered walkway or shade structure with dead load less than 5 psf and other light-weight structures of which the apex is less than 8' above the highest adjacent grade.	1. Solid-clad and open-mesh gates with maximum leaf span or rolling section for rolling gates of 10' and apex height less than 8'-0" above lowest adjacent grade. When located above circulation or occupied space below, these gates are not located within 1.5x gate/fence height (max 8'-0") to the edge of floor or roof.
		2. Shallow foundations meeting the exception item #1 criteria specified in 2013 CBC Section 1803A.2.	2. Handrails, guardrails, and modular or relocatable ramps associated with walking surfaces less than 30" above adjacent grade (excluding post base connections); fillet welds cannot be ground flush.
		(Optional) List details for applicable exempt items:	3. Non-structural interior cold-formed steel framing spanning less than 15'-0", such as in interior partitions, interior soffits, etc. supporting only self weight and light-weight finishes or adhered tile, masonry, stone, or terra cotta veneer no more than 5/8" thickness and apex less than 20'-0" in height and not over an exit way. Maximum tributary load to a member shall not exceed the equivalent of that occurring from a 10'x10' opening in a 15' tall wall for a header or king stud.
			4. 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 as noted in selected item(s) for section 19, 19.1 and/or 19.2 of listing above).
X		1. Post-installed anchors for the following: 1) exempt non-structural components (e.g., mechanical, electrical, plumbing equipment) given in ASCE 7-10, Section 13.1.4 (and modified by CBC Section 1616A.1.18) or 2) interior nonstructural wall partitions meeting criteria listed in exempt item 3 for "Welding."	5. 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 as noted in selected item(s) for section 19, 19.1 and/or 19.2 of listing above).
		2. Concrete batch plant inspection is not required for the following, provided they are <b>identified</b> on the approved construction documents and the licensed weighmaster and batch ticket requirements of Section 1705A.3.3 are implemented: 1) site flatwork, 2) unenclosed site structures, including but not limited to lunch or car shelters, bleachers, solar structures, flag or light poles, or retaining walls less than 4'-0" above the top of foundation not supporting a surcharge and free standing nonbearing non-shear walls up to 6'-0" above adjacent grade, 3) controlled low-strength material backfill, 4) single-story relocatable buildings less than 2,160 square feet.	6. 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 as noted in selected item(s) for section 19, 19.1 and/or 19.2 of listing above).
X			





DSA-103 rev 9/7/2016

## Listing of Structural Tests & Special Inspections - 2013 CBC

INCREMENT #  
2

DSA File No.:  
Application No.:

57-H3  
02-114706

Date Submitted: 1-17-2017

Revised:

<p>3. Masonry retaining walls less than 4'-0" above the top of foundation not supporting a surcharge and free standing nonbearing non-shear masonry walls up to 6'-0" above adjacent grade do not require mortar or masonry core testing or DSA special inspection. For non-bearing non-shear masonry walls not exceeding total wall height of 12' above wall base, mortar test shall be permitted to be limited to those at the beginning of masonry work for each mix design. Core sampling and testing is not required for non-bearing non-shear masonry walls, not exceeding total wall height of 12' above wall base, built with single wythe hollow unit concrete masonry that attaches opposite face shells using webs cast as single unit, when designed using an <math>f'm</math> not exceeding 1,500 psi (10.34 MPa).</p>	<p>7. Any support for exempt non-structural components given in ASCE 7-10, Section 13.1.4 (and modified by CBC Section 1616A.1.18) meeting the following: 1) when supported on a floor/roof, &lt;400# and resulting composite center of mass (including component's center of mass) <math>\leq</math> 4' above supporting floor/roof, 2) when hung from a wall or roof/floor, &lt;20# for discrete units or &lt;5 plf for distributed systems.</p>
<p>X</p>	<p>X</p>
<p>X</p>	<p>(Optional) List details for applicable exempt items:</p>