

## ADDENDUM # 1

May 3, 2017

Murrieta Valley High School Auto Lift  
Murrieta Valley Unified School District  
App. # 04-115995, File # 33-H18

BakerNowicki Design Studio  
731 Ninth Avenue, Suite A  
San Diego, CA 92101



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Alfred Gessel, C30244

### PART 1 - GENERAL

**1.1** The following revisions and/or clarifications shall be made to the Bidding Requirements and Contract Documents. Revise and amend the Documents for the above named project in accordance with this Addendum. The bid shall reflect these addendum changes and each bidder shall make reference in their bid to this addendum.

**1.2** All Bidding Requirements and Contract Documents shall apply to this addendum as originally indicated in the applicable portions of the contract documents, unless otherwise modified by this addendum.

#### 1.3 GENERAL ADDITIONS AND CLARIFICATIONS

**A.** The following additions and clarifications are issued to all bidders as information for use in preparing bids.

1. REPLACE PROJECT MANUAL IN ITS ENTIRETY WITH ATTACHMENT 1: DSA APPROVED PROJECT MANUAL.
2. REPLACE DRAWING SET IN ITS ENTIRETY WITH ATTACHMENT 2: DSA APPROVED DRAWING SET.
3. DSA 103 Statement of Structural Tests and Special Inspections attached.

#### Enclosures:

- i. DSA APPROVED PROJECT MANUAL, approved May 2, 2017
- ii. DSA APPROVED DRAWING SET, approved May 2, 2017
- iii. DSA 103

### END OF ADDENDUM # 1

Murrieta Valley High School Auto Lift  
Murrieta Valley Unified School District  
BNds # 13013-00 – Addendum # 1



**DSA-103** Issued 12/30/2016  
**List of Required Structural Tests & Special Inspections - 2016 CBC**

INCREMENT #	DSA File No.:	04-115995
	Application No.:	33-H18
Date Submitted:	5/2/2017	Revised:
		Revised:

School Name	Murrieta Valley High School	District	Murrieta Valley Unified School District
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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, 2010, and 2013 CBC.

**INSTRUCTIONS:** 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. **Note:** 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. **For more information on use of this form, see DSA-103.INSTR.**

Note: References are to the 2016 edition of the California Building Code (CBC) unless otherwise noted.

REQUIRED	TEST OR SPECIAL INSPECTION	TYPE <sup>1</sup>	PERFORMED BY <sup>2</sup>	CODE REFERENCE AND NOTES
-	<b>SOILS</b>			
-	<b>1. GENERAL:</b>			Table 1705A.6
X	a. 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, and • materials below footings are adequate to achieve the design bearing capacity.	Periodic	GE*	* By geotechnical engineer or his or her qualified representative. (See Appendix for exemptions.)
-	<b>4. CAST-IN-PLACE DEEP FOUNDATIONS (PIERS):</b>			Table 1705A.8
X	a. Inspect drilling operations and maintain complete and accurate records for each pier.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative. (See Appendix for exemptions.)
X	c. Confirm pier locations, diameters, plumbness, bell diameters (if applicable), lengths, and embedment into bedrock (if applicable). Record concrete or grout volumes.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative. (See Appendix for exemptions.)
X	d. Confirm adequate end strata bearing capacity.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative. (See Appendix for exemptions.)
X	e. Concrete piers.	Provide tests and inspections per CONCRETE section below.		
-	<b>CONCRETE</b>			Table 1705A.3, ACI 318-14 Sections 26.12 & 26.13
-	<b>7. CAST IN PLACE CONCRETE</b>			
	<b>Material Verification and Testing:</b>			





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**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

**KEY to Columns**

1 Type -	2 Performed By -
<b>Continuous</b> – Indicates that a continuous special inspection is required	<b>GE</b> – Indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative
<b>Periodic</b> – Indicates that a periodic special inspection is required	<b>LOR</b> – 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.
<b>Test</b> – Indicates that a test is required	<b>SI</b> – Indicates that the special inspection is to be performed by a special inspector
<b>COMPILE</b>	<b>PRINT</b>

Name of Architect or Engineer in general responsible charge

**Josh Randall - S 4506 (KNA Consulting Engineers, Inc.)**

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

Signature of Architect or Structural Engineer

2/13/17  
date



**IDENTIFICATION STAMP**  
 DIV OF THE STATE ARCHITECT  
 APP. # \_\_\_\_\_  
 AC N/A F/LS N/A SS dw  
 DATE 5/2/2017



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

Exempt items given in IR A-22 or the 2016 CBC (including DSA amendments) and those items identified below with an "X" by the design professional are NOT subject to DSA requirements for the structural tests and special inspections noted. The project inspector shall verify all construction complies with the approved construction documents.

<b>Exempted by Design Prof.</b>	
	<b>Soils:</b>
<b>X</b>	1. Deep foundations acting as a cantilever footing designed based on minimum allowable pressures per 2016 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.
<b>X</b>	2. Shallow foundations meeting the exception item #1 criteria specified in 2016 CBC Section 1803A.2.
(Optional) List details for applicable exempt items:	
	<b>Concrete/Masonry:</b>
<b>X</b>	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."
<b>X</b>	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. Exempt retaining walls shall be 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.
<b>X</b>	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.

<b>Exempted by Design Prof.</b>	
	<b>Welding:</b>
<b>X</b>	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.
<b>X</b>	2. Handrails, guardrails, and modular or relocatable ramps associated with walking surfaces less than 30" above adjacent grade (excluding post base connections per the 'Exception' language in Section 1705A.2.1); fillet welds cannot be ground flush.
<b>X</b>	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.
<b>X</b>	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).
<b>X</b>	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).
<b>X</b>	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).
<b>X</b>	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, <400# and resulting composite center of mass (including component's center of mass) <= 4' above supporting floor/roof, 2) when hung from a wall or roof/floor, <20# for discrete units or <5 plf for distributed systems.



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<b>X</b>	4. Epoxy shear dowels in site flatwork.
(Optional) List details for applicable exempt items:	

(Optional) List details for applicable exempt items: