



Statement of Structural Tests and Special Inspections

School Name	WEST VALLEY COLLEGE LANGUAGE ARTS AND SOCIAL SCIENCES RENOVATION	District	WEST VALLEY - MISSION COMMUNITY COLLEGE DISTRICT
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IMPORTANT: This form is only a summary list of the tests and special inspections required on the project. The actual tests and inspections must be performed as detailed on the approved plans and specifications. 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.

INSTRUCTIONS: Click a plus sign (+) before any category or subcategory to reveal additional tests and special inspections. An "X" before a listed test or inspection indicates it is a mandatory requirement. 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 finally selected. **For more information on use of this form, see DSA-103.INSTR.**

COMPILE Note: All references to the California Building Code (CBC) are to the 2007 edition.

REQUIRED?	TEST OR SOCIAL INSPECTION	TYPE **	PERFORMED BY **	CODE REFERENCE AND NOTES
-	SOILS			
	1. General:			2007 CBC, Table 1704A.7
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 qualified representative.
-	2. Compacted Fills:			2007 CBC, Table 1704A.7
X	b. Verify use of proper materials and inspect lift thicknesses, placement, and compaction during placement of controlled fill.	Continuous	GE*	* By geotechnical engineer or qualified representative.
X	c. Test compaction of controlled fill.	Test	Lab*	* Under the supervision of the geotechnical engineer.
-	CONCRETE			(based on 2007 CBC, Table 1704A.4)
-	7. Cast in Place Concrete			
	Material Verification and Testing:			
X	a. Verify use of required design mix.	Periodic	*	* To be performed by batch-plant special inspector and project inspector.
X	c. Perform slump test, determine the temperature of the concrete, and (where required) perform air content test.	Test	Lab	ASTM C172-04, ASTM C31-98.
X	d. Test concrete (compression test).	Test	Lab	1905A.6. ASTM C39-05.
	Inspection:			
X	e. Inspect batching of concrete.	Continuous	Special	1704A.4.3; (see 1704A.4.4 for waiver).
X	f. Inspect placement of formwork, reinforcing steel, embedded items and concrete. Inspect curing and form removal.	Continuous	Project*	* May be performed by a special inspector when specifically approved by DSA.
X	g. Welding of reinforcing steel.	Provide special inspection per STEEL, category 18.4, below.		
X	h. Verify in-situ concrete strength prior to removal of shores and forms from beams and structural slabs.	N/A	Project*	* Project inspector to verify concrete strength test reports prior to removal of shores or formwork.
-	11. Post-installed Anchors:			
X	a. Inspect installation of post-installed anchors	Continuous	Project	Table 1704A.4



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Date Submitted: 08/08/11

Revised:
Revised:

Table with columns for item type (X, +, -), description, Test, Lab, and reference codes. Includes sections for MASONRY, STEEL, Welding, and WOOD. A large arrow points from the top right towards the bottom right of the table.



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Revised: Revised:

Summary of Verified Reports Required:

Note: Project inspector, contractor, architect and engineer verified reports are always required (Form DSA-6 or DSA 6A/E as applicable).

- 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: Special Inspection Verified Report - Form DSA-292
- 4 Shop Welding Inspection: Special Inspection Verified Report - Form DSA-292
- 5 Field Welding Inspection: Special Inspection Verified Report - Form DSA-292
- 6 Shop Fabrication Inspection: Special Inspection Verified Report - Form DSA-292

KEY to Columns

** Type -

Continuous – Indicates that a continuous special inspection is required

Periodic – Indicates that a periodic special inspection is required

Test – Indicates that a test is required

** Performed By -

GE – Indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative

Lab – Indicates that the test is to be performed by a testing laboratory accepted in the DSA laboratory Evaluation and Acceptance (LEA) Program

Project – Indicates that the special inspection is to be performed by the project inspector

Special – Indicates that the special inspection is to be performed by a special inspector

(Note: The difference between "tests" and "special inspections" is addressed in IR 17-B)

(Note that reassignment of responsibility is permitted only with the written approval of DSA)

Name of Architect or Engineer in general responsible charge

Carl J. Wilford

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

Carl J. Wilford
Signature of Architect or Structural Engineer

08/08/11

date



IDENTIFICATION STAMP
 DIV OF THE STATE ARCHITECT
 APP. # 01-111833
 AC N/A F/LS N/A *[Signature]*
 DATE 8/31/11

