



DSA-103 rev 1/12

Statement of Structural Tests and Special Inspections

2010 CBC

INCREMENT #

0

DSA File No.:

37-C1

Application No.:

04-115482

Date Submitted:

[Empty box]

Revised:

[Empty box]

Revised:

[Empty box]

School Name	Palomar Community College	District	Palomar Community College District
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IMPORTANT: This form is only a summary list of structural tests and special inspections required for the project. The actual tests and inspections must be performed as detailed on the DSA approved documents. 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 CBC.

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.**

Note: All references to the California Building Code (CBC) are to the 2010 edition.

	TEST OR SPECIAL INSPECTION	TYPE ¹	PERFORMED BY ²	CODE REFERENCE AND NOTES
-	SOILS			
	1. GENERAL: 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 his or her qualified representative.
-	2. COMPACTED FILLS: Table 1704A.7			
	a. Perform qualification testing of fill materials.	Test	Lab*	* Under the supervision of the geotechnical engineer.
X	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	Lab*	* Under the supervision of the geotechnical engineer.
+	3. DRIVEN DEEP FOUNDATIONS (PILES): Table 1704A.8			
+	4. CAST-IN-PLACE DEEP FOUNDATIONS (PIERS): Table 1704A.9			
+	5. RETAINING WALLS:			
+	6. OTHER SOILS:			
-	CONCRETE Table 1704A.4			
-	7. CAST IN PLACE CONCRETE			
	Material Verification and Testing:			
X	a. Verify use of required design mix.	Periodic	SI & PI*	* To be performed by batch-plant special inspector and project inspector.
	b. Test reinforcing steel.	Test	Lab	1916A.2 (1916.1.6*). ASTM A370. See IR 17-10



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X	c. Perform slump, temperature, and (where required) air content tests.	Test	Lab	ASTM C172, ASTM C31.
X	d. Test concrete (compression).	Test	Lab	1905A.6 (1905.6*). ASTM C39.
Inspection:				
	e. Inspect batching of concrete.	Continuous	SI	1704A.4.2; (see 1704A.4.3 , option 2 for waiver based on design parameters).
X	f. Inspect placement of formwork, reinforcing steel, embedded items and concrete. Inspect curing and form removal.	Continuous	PI*	* May be performed by a special inspector when specifically approved by DSA.
	g. Welding of reinforcing steel.	Provide special inspection per STEEL, category 19.1(d) & (e) and/or 19.2(g) & (h) below.		
	h. Verify in-situ concrete strength prior to removal of shores and forms from beams and structural slabs.	N/A	PI*	* Project inspector to verify concrete strength test reports prior to removal of shores or formwork.
+	8. PRESTRESSED CONCRETE (in addition to Cast in Place Concrete tests and inspections):			
+	9. PRECAST CONCRETE (in addition to Cast in Place Concrete tests and inspections):			
+	10. SHOTCRETE (in addition to Cast in Place Concrete tests and inspections):			
+	11. POST-INSTALLED ANCHORS:			
+	12. OTHER CONCRETE:			
+	MASONRY	Table 1704A.5.3		
+	STEEL	Table 1704A.3		
+	WOOD			
+	OTHER	Section 1704A.15		



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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).

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	Lab – Indicates that the test is to be performed by a testing laboratory accepted in the DSA laboratory Evaluation and Acceptance (LEA) Program
Test – Indicates that a test is required	PI – Indicates that the special inspection is to be performed by the project inspector
	SI – 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 17-4)	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="background-color: red; color: white; padding: 5px; border: 1px solid black;">COMPILE</div> <div style="background-color: red; color: white; padding: 5px; border: 1px solid black;">PRINT</div> </div> <p>(Note that reassignment of responsibility is permitted only with the written approval of DSA)</p>

Cheri Blatner

Name of Architect or Engineer in general responsible charge

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

Cheri Blatner

2/20/2019

Signature of Architect or Structural Engineer

date

IDENTIFICATION STAMP
DIV OF THE STATE ARCHITECT

APP. # _____

AC N/A F/LS N/A SS _____

DATE _____

Architect or Structural Engineer Stamp