

SPECIAL INSPECTION AND TESTING SCHEDULE

Project Address: _____

Permit Number: **BLD** _____

- *NOTE:**
- The following schedule must be completed by the project design professional – a California Licensed Engineer or Architect.
 - This schedule only outlines basic requirements for special inspections; refer to the code for complete details.
 - The design engineer and special inspector/agency are responsible to ensure **Continuous** or **Periodic** special inspections as required by CBC tables shall be part of the special inspection scope and specified on plans.

Project Type: Single Family Multi-Family Commercial/Industrial Mixed Uses Other _____

STEEL CONSTRUCTION (Sec. 1704.3 & Table 1704.3)				
Structural components				
Col/Bm	Lateral Sys.	Deck	Miss. Steel	
Structural steel members material verification and inspection.				
Structural steel frame details and connections inspection.				
High-strength bolting material verification and inspection.				
Field welding material verification and inspection.				
Shop welding material verification and inspection.				
Metal deck welding inspection.				
Reinforcing steel welding inspection.				

WOOD CONSTRUCTION (Sec. 1704.6)	
Glu-Lam and wood structural elements fabricator's certificate	
Manufactured Trusses and connectors certificate	
High-load diaphragms – shear panels (Table 2306.2.1 (2))	

SOILS (Sec. 1704.7) – Project soils engineer	
1. Verify soils condition below footings.	
2. Verify excavations reach proper depths.	
3. Testing of controlled fill materials.	
4. Verify placement and compaction of controlled fill.	
5. Inspections of subgrade preparation for foundation pad & fill.	

CONCRETE and SHOTCRETE (Sec. 1704.4)				
Structural components				
Found.	Frames	Slab/Roof	Walls	
1. Verify testing of materials per ACI 318 Ch. 3.				
2. Inspection of reinforcing steel and placement.				
3. Inspection of reinforcing steel welding.				
4. Inspection of bolts, anchorages and embeds.				
5. Verify use of required design mix.				
6. Cast samples and perform strength, slump & air content tests for fresh concrete.				
7. Inspect formwork.				
8. Inspect concrete or shotcrete placement and curing.				

PILE FOUNDATION (Sec. 1704.8)	
1. Verify pile materials, sizes, lengths and manuf. Specs.	
2. Determine capacities of test piles.	
3. Observe driving operations and maintain records for each pile.	
4. Verify each pile location, plumbness, driving records, and capacity.	
5. Perform concrete and steel special inspection schedule.	

PRECAST/PRESTRESSED CONCRETE (Sec. 1704.4)				
1. Inspection prestressing tendons and placement.				
2. Inspection of prestressing forces, grouting of bonding of tendons.				
3. Verify strength prior to stressing of post-tension tendons.				

PIER FOUNDATION (Sec. 1704.9) - Project soils engineer	
1. Observe driving operations and maintain records for each pier.	
2. Verify each pier location, plumbness, diameter, bell, depth, embedment, and bearing capacity and concrete volume.	
3. Perform concrete and steel special inspection schedule.	

Anchors in Hardened Concrete or Masonry (Sec. 1704.4)				
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SPRAYED FIRE-RESISTANT MATERIAL (Sec. 1704.12)	
1. Fireproofing material verification and inspection.	
2. Surface preparation and placement inspection.	
3. Density & thickness tests.	
4. Verify temperature and ventilation during and after application.	
5. Cohesive/adhesive bond strength tests.	

MASONRY (Sec. 1704.5)				
Structural components				
Found.	Frames	Walls		
1. Verify materials & tests for masonry, prisms, grout, and mortar.				
2. Inspection of location and size of structural elements.				
3. Inspection of masonry, prisms, grout, and mortar placement.				
4. Inspection of reinforcing steel, anchorages, and embeds.				

SEISMIC/WIND RESISTANCE (Sec. 1705.3, 1706 & 1707)	
When required, attach additional detailed special inspection statements according to CBC Sec. 1705.3, 1706 or 1707 for seismic/wind –force-resisting system.	

PROJECT ENGINEER/ARCHITECT			<i>Stamp</i>
Print Name: _____	Sign: _____	Date: _____	