



SPECIAL INSPECTIONS



City of Redding
777 Cypress Avenue
Redding CA 96001
Telephone:
(530) 225-4013
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PREFACE

Special inspection can be best defined as a quality control measure intended to ensure that certain critical structural or fire and life safety design features incorporated into a building or structure are constructed properly. This requires inspection by persons with specialized skills to verify that the material and workmanship comply with the approved plans and specifications. Some aspects of the construction may require periodic inspection, while some aspects of the construction require continuous inspection. Section 1701 of the California Building Code provides for special inspection of these critical elements and phases.

SPECIAL INSPECTION BULLETIN

This project requires special inspection(s) in accordance with California Building Code Section 1701. The owner, or the registered design professional in responsible charge acting as the owner's agent, is responsible to employ one or more qualified special inspectors or agencies to provide special inspections during construction.

Attached to this bulletin is a *Statement of Special Inspection* and *Special Inspection and Testing Schedules A through H*. These forms shall be completed for each project requiring special inspection. These forms must be reviewed and approved by the Building Inspection Division before a building permit can be issued for this project.

For commercial projects and engineered residential projects, the *Statement of Special Inspection* shall be signed by the Registered Design Professional in responsible charge.

A special inspector shall be a qualified person or firm who shall demonstrate competence, to the satisfaction of the building official, for inspection of the particular type of construction or operation requiring special inspection.

PRE-CONSTRUCTION CONFERENCE

The Building Inspection Division may require a preconstruction conference before a permit is issued. The purpose of this conference is to clarify code requirements, procedures and policies. The conference participants shall include representatives of the registered design professional in responsible charge, the contractor, the special inspector and the Building Inspection Division.

- Pre-construction Conference Waived.**
- Pre-construction Conference Required.** Please contact _____ At (530) 225-4013 at least one working day in advance to schedule a Pre-construction conference.

Project Address:

Plan Check No.: _____

City of Redding
Building Inspection Division
Statement of Special Inspection

Project Address _____ **Plan Check #** _____

BEFORE A PERMIT CAN BE ISSUED: The owner, or the registered design professional of record acting as the owner's agent, shall employ one or more qualified special inspectors or agencies and shall complete this agreement and Special Inspection Testing Schedules A through G as may be applicable. A preconstruction conference with the parties involved shall be required to review the special inspection requirements and procedures, unless waived by the building official.

APPROVAL OF SPECIAL INSPECTORS: Each special inspector, special inspection agency and special inspection laboratory shall be approved by the Building Inspection Division (BID) prior to performing any duties. Special inspectors shall display approved identification, as stipulated by the BID, when performing the function of a special inspector.

Special inspection and testing shall meet the minimum requirements of Chapter 17 of the California Building Code (CBC). The following conditions are also applicable:

A. Duties and Responsibilities of the Special Inspector and/or Special Inspection Agency

1. **List of qualified inspectors.** Submit a list of qualified inspectors and the portions of the work each individual will be inspecting. Obtain prior written approval from the BID when the inspections will be performed by inspectors other than those listed on original approval.
2. **Observe work.** The special inspector shall observe, sample, and test the work for conformance with the BID approved (stamped) design drawings and specifications and applicable workmanship provisions of the CBC. Architect/engineer-reviewed shop drawings may be used only as an aid to inspection.
3. **Report nonconforming items.** The special inspector shall bring nonconforming items to the immediate attention of the contractor and note all such items in the daily report. If any item is not resolved in a timely manner or is about to be incorporated in the work, the special inspector shall immediately provide written notification to the BID, registered design professional in responsible charge and post a discrepancy note on the job site.
4. **Furnish daily reports.** Each special inspector shall complete and sign both the special inspection record and the daily report form for each day's inspections to remain at the job site with the contractor for review by the building inspector.
5. **Furnish periodic reports.** The special inspector or inspection agency may be required to furnish periodic reports of tests and inspections directly to the BID, registered design professional in responsible charge and others as designated. These reports must include the following:
 - a. Summary of daily inspections and tests made with applicable locations.
 - b. Listing of all nonconforming items.
 - c. Report on how nonconforming items were resolved or unresolved as applicable.
 - d. Itemized changes authorized by the registered design professional in responsible charge and BID if not included in nonconformance items.
6. **Furnish final report.** The special inspector or special inspection agency shall submit a final signed report to the BID. This report must state that all items requiring special inspection and testing were fulfilled and reported and, to the best of his/her knowledge, in conformance with the approved design drawings, specification, approved change orders, and the applicable workmanship provisions of the CBC. Items not in conformance, unresolved items, or any discrepancies in inspection coverage (i.e., missed inspections, periodic inspections when continuous was required, etc.) shall be specifically itemized in this report.

B. Contractor Responsibilities

1. **Notify the special inspector.** The contractor is responsible for notifying the special inspector or special inspection agency regarding individual inspections for items listed on the attached schedule and as noted on the BID approved plan. Adequate notice shall be provided so that the special inspector has time to become familiar with the project.

2. **Provide access to approved plans.** The contractor is responsible for providing the special inspector access to approved plans at the job site.
3. **Retain special inspection records.** The contractor is also responsible for retaining at the job site all special inspection records submitted by the special inspector and providing these records for review by the building inspector upon request.

C. **Building Inspection Division Responsibilities**

1. **Approve special inspection.** The BID shall approve all special inspectors and special inspection requirements.
2. **Monitor special inspection.** Work requiring special inspection and the performance of special inspectors shall be monitored by the building inspector. His/her approval must be obtained prior to placement of concrete or other similar activities in addition to that of the special inspector.
3. **Issue Certificate of Occupancy.** The Building Inspection Division will not issue a Certificate of Occupancy until all special inspection reports and the final report have been submitted and accepted.

D. **Schedule of Special Inspections and Testing** (To be Completed by Registered Design Professional)

Attached	Not Applicable	Schedule	Subject
<input type="checkbox"/>	<input type="checkbox"/>	A	Seismic Resistance
<input type="checkbox"/>	<input type="checkbox"/>	B	Steel
<input type="checkbox"/>	<input type="checkbox"/>	C	Concrete
<input type="checkbox"/>	<input type="checkbox"/>	D1	Masonry - Level 1
<input type="checkbox"/>	<input type="checkbox"/>	D2	Masonry - Level 2
<input type="checkbox"/>	<input type="checkbox"/>	E	Timber
<input type="checkbox"/>	<input type="checkbox"/>	F	Anchors
<input type="checkbox"/>	<input type="checkbox"/>	G	Soils
<input type="checkbox"/>	<input type="checkbox"/>	H	Miscellaneous

E. **Project Specific:**

List of qualified inspectors. List qualified inspectors and the portions of the work each individual will be inspecting. Obtain prior written approval from the BID when the inspections will be performed by inspectors other than those listed below.

Inspectors Name	Agency Name	Inspection Type
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____

ACKNOWLEDGMENTS

I have read and agree to comply with the terms and conditions of this agreement.

Owner (Print)	Signature	Date
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Contractor (Print)	Signature	Date
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Special Inspector/Inspection Agency (Print)	Signature	Date
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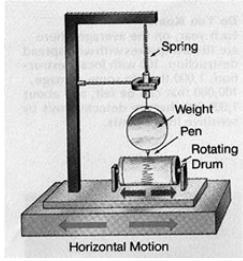
Soils-Special Inspector/Inspection Agency (Print)	Signature	Date
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Seismic-Special Inspector/Inspection Agency (Print)	Signature	Date
---	-----------	------

Registered Design Professional (Print)	Signature	Date
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Accepted for the Building Inspection Division

Name (Print)	Signature	Date
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City of Redding
Building Inspection Division

Schedule A - Special Inspections for Seismic Resistance
 (1 of 3)

Project Address _____

Plan Check # _____

Required Frequency Verification/Inspection

SEISMIC RESISTANCE CBC SECTION 1705.3

1705.3 - The statement of special inspection shall include seismic requirements for the following cases:

- | | | |
|--------------------------|---|--|
| <input type="checkbox"/> | P | 1. The seismic-force-resisting systems. |
| <input type="checkbox"/> | P | 2. Designated seismic systems (only when $I_p > 1$). |
| <input type="checkbox"/> | P | 3.1. Heating, ventilating and air-conditioning (HVAC) ductwork containing hazardous materials and anchorage of such ductwork. |
| <input type="checkbox"/> | P | 3.2. Piping systems and mechanical units containing flammable, combustible or highly toxic materials. |
| <input type="checkbox"/> | P | 3.3. Anchorage of electrical equipment used for emergency or standby power systems. |
| <input type="checkbox"/> | P | 4.2. Exterior wall panels and their anchorage. |
| <input type="checkbox"/> | P | 4.3. Suspended ceiling systems and their anchorage. |
| <input type="checkbox"/> | P | 4.4 . Access floors and their anchorage. |
| <input type="checkbox"/> | P | 4.5. Steel storage racks and their anchorage, where the importance factor is equal to 1.5 in accordance with Section 15.5.3 of ASCE 7. |

WELDING - 1707.2

- | | | |
|--------------------------|---|--|
| <input type="checkbox"/> | C | 1707.2 - Special inspection for welding in accordance with AISC 341. |
|--------------------------|---|--|

STRUCTURAL WOOD - 1707.3

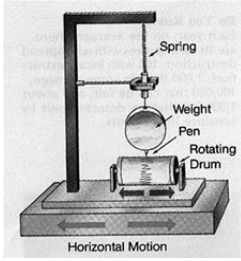
- | | | |
|--------------------------|---|--|
| <input type="checkbox"/> | C | 1. Inspect field gluing operations of elements of the seismic-force-resisting system. |
| <input type="checkbox"/> | P | Inspect nailing, bolting, anchoring, and other fastening of components within the seismic-force-resisting system, including: <ul style="list-style-type: none"> ● wood shear walls, ● wood diaphragms, ● drag struts, braces, ● shear panels, ● hold-downs. |

C = Continuous

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City of Redding
Building Inspection Division

Schedule A - Special Inspections for Seismic Resistance
 (2 of 3)

Project Address _____

Plan Check # _____

Required Frequency Verification/Inspection

COLD-FORMED STEEL FRAMING - 1707.4

- P 1. Welding of elements of the seismic-force-resisting system.
- P 2. Inspection of screw attachments, bolting, anchoring, and other fastening of components within the seismic-force-resisting system including struts, braces, and hold-downs.

PIER FOUNDATIONS - 1707.5

- P 1. Placement of reinforcing.
- C 2. Placement of concrete.

STORAGE RACKS AND ACCESS FLOORS- 1707.6

- P 1. Anchorage of storage racks 8 feet or greater in height.
- P 2. Anchorage of access floors.

ARCHITECTURAL COMPONENTS - 1707.7

- P 1. Inspect erection and fastening of exterior cladding weighing more than 5 psf.
- P 2. Inspect erection and fastening of interior and exterior non-bearing walls weighing more than 15 psf.
- P 3. Inspect erection and fastening of interior and exterior veneer weighing more than 5 psf.

MECHANICAL AND ELECTRICAL COMPONENTS - 1707.8

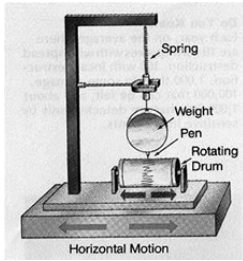
- P 1. Inspect anchorage of electrical equipment for emergency or stand-by power systems.
- P 2. Inspect anchorage of non-emergency electrical equipment.
- P 3. Inspect installation of piping systems and associated mechanical units carrying flammable, combustible, or highly toxic contents.
- P 4. Inspect installation of HVAC ductwork that contains hazardous materials.
- P 5. Inspect installation of vibration isolation systems where required by Section 1707.8.
- O 1707.9 - Verify that the equipment label and anchorage or mounting conforms to the certificate of compliance when mechanical and electrical equipment must be seismically qualified.

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City of Redding
Building Inspection Division

Schedule A - Special Inspections for Seismic Resistance (3 of 3)

Project Address _____

Plan Check # _____

Required	Frequency	Verification/Inspection
MASONRY TESTING FOR SEISMIC RESISTANCE - 1708.1		
<input type="checkbox"/>	O	1708.1.1 - Verify certificates of compliance prior to construction.
<input type="checkbox"/>	O	Table 1708.1.2 - Verification of f'_m and f'_{AAC} prior to construction.
<input type="checkbox"/>	P	Table 1708.1.4 - Verification of f'_m and f'_{AAC} every 5000 square feet during construction (Level 2 Q.A.).
<input type="checkbox"/>	O	Table 1708.1.4 - Verification of proportions of materials in mortar and grout as delivered to the site (Level 2 Q.A.).
REINFORCING & PRESTRESSING STEEL - 1708.3		
<input type="checkbox"/>	O	Obtain mill certificates for reinforcing steel, verify compliance with approved construction documents, and verify steel supplied corresponds to certificate.
STRUCTURAL STEEL - 1708.4		
<input type="checkbox"/>	O	Structural Steel: Invoke the QAP Quality Assurance requirements in AISC 341.
SEISMIC QUALIFICATION OF MECHANICAL & ELECTRICAL EQUIPMENT - 1708.5		
<input type="checkbox"/>	O	Obtain certificate that equipment has been tested per Section 1708.5.
SEISMICALLY ISOLATED STRUCTURES - 1708.6		
<input type="checkbox"/>	O	Obtain system tests as required by ASCE 7 Section 17.8.

Additional Instructions or Other Tests and Inspections:

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City of Redding
Building Inspection Division

Schedule B - Steel (1 of 2)

Project Address _____

Plan Check # _____

Required	Frequency	Verification/Inspection
STEEL - TABLE 1704.3		
		1. Material verification of high-strength bolts, nuts, and washers.
<input type="checkbox"/>	P	a. Identification markings to conform to ASTM standards specified in the approved construction documents.
<input type="checkbox"/>	P	b. Manufacturer's certificate of compliance required.
		2. Inspection of high-strength bolting:
<input type="checkbox"/>	P	a. Bearing-type connections.
<input type="checkbox"/>	C/P	b. Slip-critical connections.
		3. Material verification of structural steel:
<input type="checkbox"/>	O	a. Identification markings to conform to ASTM standards specified in the approved construction documents.
<input type="checkbox"/>	O	b. Manufacturer's mill test reports.
		4. Material verification of weld filler materials:
<input type="checkbox"/>	P	a. Identification markings to conform to AWS designation listed in the WPS.
<input type="checkbox"/>	P	b. Manufacturer's certificate of compliance required.
		5. Inspection of welding:
		a. Structural steel.
<input type="checkbox"/>	C	1) Complete and partial penetration groove welds.
<input type="checkbox"/>	C	2) Multi-pass fillet welds.
<input type="checkbox"/>	C	3) Single-pass fillet welds > 5/16".
<input type="checkbox"/>	P	4) Single-pass fillet welds < 5/16".
<input type="checkbox"/>	P	5) Floor and roof deck welds.

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City of Redding Building Inspection Division

Schedule B - Steel (2 of 2)

Project Address _____

Plan Check # _____

Required	Frequency	Verification/Inspection
		b. Reinforcing steel.
<input type="checkbox"/>	P	1) Verification of weldability of reinforcing steel other than ASTM A706.
<input type="checkbox"/>	C	2) Reinforcing steel-resisting flexural and axial forces in intermediate and special moment frames, and boundary elements of special reinforced concrete shear walls, and shear reinforcement.
<input type="checkbox"/>	C	3) Shear reinforcement.
<input type="checkbox"/>	P	4) Other reinforcing steel.
<input type="checkbox"/>	P	6. Inspection of steel frame joint details for compliance with approved construction documents:
		a. Details such as bracing and stiffening.
		b. Member locations.
		c. Application of joint details at each connection.
<input type="checkbox"/>	P	1704.3 - Welded studs when used for structural diaphragms.
<input type="checkbox"/>	P	1704.3 - Welding of cold-formed sheet steel framing members.

Additional Instructions or Other Tests and Inspections:

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**City of Redding
Building Inspection Division**

Schedule C - Concrete

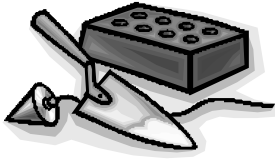
Project Address _____

Plan Check # _____

Required	Frequency	Verification/Inspection
CONCRETE - TABLE 1704.4		
<input type="checkbox"/>	P	1. Inspection of reinforcing steel, including prestressing tendons and placement.
<input type="checkbox"/>	---	2. Inspection of reinforcing steel welding in accordance with Table 1704.3 Item 5b (Note: If this item is required Schedule B must be completed and attached).
<input type="checkbox"/>	C	3. Inspect bolts to be installed in concrete prior to and during placement of concrete where allowable loads have been increased.
<input type="checkbox"/>	P	4. Verifying use of required design mix.
<input type="checkbox"/>	C	5. At time fresh concrete is sampled to fabricate specimens for strength tests, perform slump and air content tests and determine the temperature of the concrete.
<input type="checkbox"/>	C	6. Inspection of concrete and shotcrete placement for proper application techniques.
<input type="checkbox"/>	P	7. Inspection of maintenance of specified curing temperature and techniques.
<input type="checkbox"/>		8. Inspection of prestress concrete.
<input type="checkbox"/>	C	a. Application of prestressing forces.
<input type="checkbox"/>	C	b. Grouting of bonded prestressing tendons in the seismic force-resisting system.
<input type="checkbox"/>	P	9. Erection of precast concrete members.
<input type="checkbox"/>	P	10. Verification of in-situ concrete strength, prior to stressing of tendons in postensioned concrete and prior to removal of shores and forms from beams and structural slabs.
<input type="checkbox"/>	P	11. Inspect formwork for shape, location and dimensions of the concrete member being formed.

Additional Instructions or Other Tests and Inspections:

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City of Redding
Building Inspection Division
Schedule D1 - Masonry (Level 1)

Project Address _____

Plan Check # _____

Required Frequency Verification/Inspection

LEVEL 1 MASONRY INSPECTIONS - TABLE 1704.5.1

- | | | |
|--------------------------|---|--|
| | | 1. At the start of masonry construction verify the following to ensure compliance: |
| <input type="checkbox"/> | P | a. Proportions of site-prepared mortar. |
| <input type="checkbox"/> | P | b. Construction of mortar joints. |
| <input type="checkbox"/> | P | c. Location of reinforcement, connectors, and anchorages. |
| | | 2. Verify: |
| <input type="checkbox"/> | P | a. Size and location of structural elements. |
| <input type="checkbox"/> | P | b. Type, size, and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction. |
| <input type="checkbox"/> | P | c. Specified size, grade, and type of reinforcement. |
| <input type="checkbox"/> | C | d. Welding of reinforcing bars. |
| <input type="checkbox"/> | P | e. Protection of masonry during cold weather (temperature below 40 degrees F) or hot weather (temperature above 90 degrees F). |
| | | 3. Prior to grouting verify the following to verify compliance. |
| <input type="checkbox"/> | P | a. Grout space is clean. |
| <input type="checkbox"/> | P | b. Placement of reinforcement, connectors, and anchorages. |
| <input type="checkbox"/> | P | c. Proportions of site-prepared grout. |
| <input type="checkbox"/> | P | d. Construction of mortar joints. |
| <input type="checkbox"/> | C | 4. Verify grout placement to ensure compliance with code and construction document provisions. |
| <input type="checkbox"/> | C | 5. Observe preparation and testing of required grout specimens, mortar specimens, and/or prisms. |
| <input type="checkbox"/> | P | 6. Verify compliance with required inspection provisions of the construction documents and the approved submittals. |

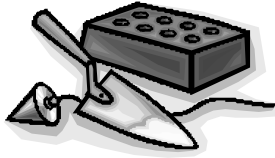
Additional Instructions or Other Tests and Inspections:

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City of Redding
Building Inspection Division
Schedule D2 - Masonry (Level 2)

Project Address _____

Plan Check # _____

Required Frequency Verification/Inspection

LEVEL 2 MASONRY INSPECTIONS - TABLE 1704.5.3

- | | | |
|--------------------------|---|---|
| | | 1. From the beginning of masonry construction the following shall be verified to ensure compliance: |
| <input type="checkbox"/> | P | a. Proportions of site-prepared mortar and grout. |
| <input type="checkbox"/> | P | b. Placement of masonry units and construction of mortar joints. |
| <input type="checkbox"/> | P | c. Placement of reinforcement, connectors, and anchorages. |
| <input type="checkbox"/> | C | d. Grout space prior to grouting. |
| <input type="checkbox"/> | C | e. Placement of grout. |
| | | 2. Verify: |
| <input type="checkbox"/> | P | a. Size and location of structural elements. |
| <input type="checkbox"/> | C | b. Type, size, and location of anchors, including other details of anchorage of masonry to structural members, frames and other construction. |
| <input type="checkbox"/> | P | c. Specified size, grade, and type of reinforcement. |
| <input type="checkbox"/> | C | d. Welding of reinforcing bars. |
| <input type="checkbox"/> | P | e. Protection of masonry during cold weather (temperature below 40 degrees F) or hot weather (temperature above 90 degrees F). |
| <input type="checkbox"/> | C | 3. Observe preparation and testing of required grout specimens, mortar specimens, and/or prisms. |
| <input type="checkbox"/> | P | 4. Verify compliance with required inspection provisions of the construction documents and the approved submittals. |

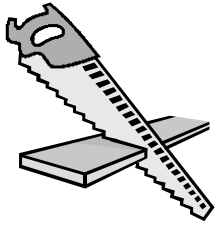
Additional Instructions or Other Tests and Inspections:

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**City of Redding
Building Inspection Division**

Schedule E - Timber

Project Address _____

Plan Check # _____

Required Frequency Verification/Inspection

TIMBER - 1704.6

 ---- 1704.6 - Inspect prefabricated wood structural elements and assemblies in accordance with Section 1704.2.

 ---- Inspect high-load diaphragms - 1704.6.1

The special inspector shall inspect the wood structural panel sheathing to ascertain whether it is of the grade and thickness shown on the approved building plans. Additionally, the special inspector must verify the nominal size of framing members at adjoining panel edges, the nail or staple diameter and length, the number of fastener lines and that the spacing between fasteners in each line and at edge margins agrees with the approved building plans.

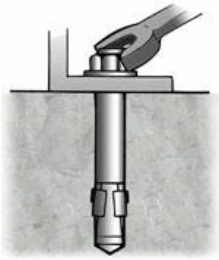
Additional Instructions or Other Tests and Inspections:

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City of Redding
Building Inspection Division

Schedule F - Anchors in Hardened Concrete or Masonry

Project Address _____

Plan Check # _____

Required	Frequency	Verification/Inspection
		INSPECTION OF <u>MECHANICAL</u> ANCHORS IN CONCRETE OR MASONRY: ICC ESR No. _____
<input type="checkbox"/>	C	1. The special inspector must be on the job site continuously during anchor installation to verify anchor type, anchor dimensions, concrete type, concrete integrity, hole dimensions, hole cleaning procedures, anchor spacing, edge distances, concrete thickness, anchor embedment and tightening torque.
<input type="checkbox"/>	O	2. Verification of concrete strength by obtaining and testing drilled cores by ASTM C42 methods.
		INSPECTION OF <u>ADHESIVE</u> ANCHORS IN CONCRETE OR MASONRY: ICC ESR No. _____
<input type="checkbox"/>	C	1. Verify hole drilling method; hole location, diameter and depth; hole cleaning; anchorage element type, material, diameter and length; adhesive brand, type and expiration date; continuous inspection of adhesive mixing and installation.
<input type="checkbox"/>	O	2. Verification of concrete strength by obtaining and testing drilled cores by ASTM C42 methods.
<input type="checkbox"/>	---	3. Proof load testing. (Include testing instructions of the plans.)

Additional Instructions or Other Tests and Inspections:

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**City of Redding
Building Inspection Division**

Schedule G - Soils

Project Address _____

Plan Check # _____

Required Frequency Verification/Inspection

INSPECTION OF SOILS - TABLE 1704.7

- | | | |
|--------------------------|---|---|
| <input type="checkbox"/> | P | 1. Verify materials below footings are adequate to achieve the desired bearing capacity. |
| <input type="checkbox"/> | P | 2. Verify excavations are extended to proper depth and have reached proper material. |
| <input type="checkbox"/> | P | 3. Perform classification and testing of controlled fill materials. |
| <input type="checkbox"/> | C | 4. Verify use of proper materials, densities and lift thicknesses during placement and compaction of controlled fill. |
| <input type="checkbox"/> | P | 5. Prior to placement of controlled fill, observe subgrade and verify that site has been prepared properly. |

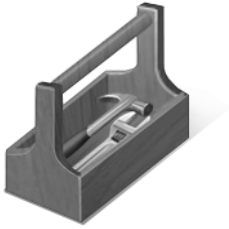
Additional Instructions or Other Tests and Inspections:

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City of Redding
Building Inspection Division

Schedule H - Miscellaneous (1 of 2)

Project Address _____

Plan Check # _____

Required Frequency Verification/Inspection

MISCELLANEOUS (PILE FOUNDATIONS) - TABLE 1704.8

- | | | |
|--------------------------|-----|---|
| <input type="checkbox"/> | C | 1. Verify pile materials, sizes and lengths comply with the requirements. |
| <input type="checkbox"/> | C | 2. Determine capacities of test piles and conduct additional load tests, as required. |
| <input type="checkbox"/> | C | 3. Observe driving operations and maintain complete and accurate records for each pile. |
| <input type="checkbox"/> | C | 4. Verify locations of piles and their plumbness.
a. Confirm type and size of hammer.
b. Record number of blows per foot of penetration.
c. Determine required penetrations to achieve design capacity.
d. Record tip and butt elevations and record any pile damage. |
| <input type="checkbox"/> | --- | 5. For steel piles, perform additional inspections in accordance with Section 1704.3. |
| <input type="checkbox"/> | --- | 6. For concrete piles and concrete-filled piles, perform additional inspections in accordance with Section 1704.4. |
| <input type="checkbox"/> | --- | 7. For specialty piles, perform additional inspections as determined by the registered design professional in responsible charge. |
| <input type="checkbox"/> | --- | 8. For augered uncased piles and caisson piles, perform inspections in accordance with Section 1704.9. |

PIER FOUNDATIONS - TABLE 1704.9

- | | | |
|--------------------------|---|---|
| <input type="checkbox"/> | C | 1. Observe drilling operations and maintain complete and accurate records for each pier. |
| <input type="checkbox"/> | C | 2. Verify locations of piers and their plumbness. Confirm: <ul style="list-style-type: none">● Pier diameters,● Bell diameters (if applicable),● Lengths, embedment into bedrock (if applicable),● Adequate end strata bearing capacity. |

SPRAY FIRE-RESISTANT MATERIALS - 1704.10

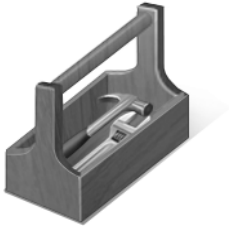
- | | | |
|--------------------------|---|--|
| <input type="checkbox"/> | O | 1. Inspect surface for accordance with the approved fire-resistance design and the approved manufacturer's written instructions. |
| <input type="checkbox"/> | P | 2. Verify minimum ambient temperature before and after application. |
| <input type="checkbox"/> | P | 3. Verify ventilation of area during and after application. |

C = Continuous

P = Periodic

O = One-Time Activity

--- = Frequency is Defined in Some Other Manner



City of Redding
Building Inspection Division

Schedule H - Miscellaneous (2 of 2)

Project Address _____

Plan Check # _____

Required	Frequency	Verification/Inspection
<input type="checkbox"/>	P	4. Measure average thickness per ASTM E605 and Section 1704.10.3.
<input type="checkbox"/>	O	5. Verify density of material for conformance with the approved fire-resistant design and ASTM E605.
<input type="checkbox"/>	O	6. Test cohesive/adhesive bond strength per Section 1704.10.5.
MASTIC AND INTUMESCENT FIRE-RESISTANT COATING - 1704.11		
<input type="checkbox"/>	P	1704.11 - Mastic and Intumescent Fire-Resistant Coating
<input type="checkbox"/>	O	1704.12 - Exterior Insulation and Finish Systems (EIFS)
<input type="checkbox"/>	O	1704.13 - Alternate Materials and Systems
<input type="checkbox"/>	O	1704.14 - Smoke Control System

Additional Instructions or Other Tests and Inspections:

C = Continuous *P = Periodic* *O = One-Time Activity* ---- = Frequency is Defined in Some Other Manner