



COMMUNITY DEVELOPMENT DEPARTMENT
Building Division
221 West Pine St./PO Box 3006, Lodi, CA 95241-1910
(209) 333-6714

Special Inspection and Testing Agreement

January 2026

PERMIT NUMBER:

DATE:

OWNER:

PROJECT NAME:

ADDRESS:

APPROVED TESTING/INSPECTION AGENCY:

Section 1704.1 of the 2025 California Building Code (CBC) requires that in addition to the inspections required by Section 110, Special Inspections and Tests shall be provided during construction for the types of work specified in Section 1705, unless exempted otherwise.

Before a permit can be issued, the Owner or the Owner's Authorized Agent, shall complete, sign and submit (2) copies [(1) if submittal is electronic] of the attached **Special Inspection and Testing Schedule** to the City of Lodi Building Division staff for review and approval.

Each Special Inspector or Agency shall be approved by the Building Division prior to performing any duties. Each Special Inspector or Agency shall submit written documentation to the Building Official demonstrating the competence and relevant experience or training of the special inspectors who will perform the special inspections and tests during construction.

A list of Special Inspection Agencies currently approved by the City of Lodi Building Division can be found at the following link: <https://www.lodi.gov/DocumentCenter/View/8126/Special-Inspection-Agencies-PDF>

The following conditions shall be acknowledged by the Responsible Parties as applicable to **Special Inspection and Testing Schedule**.

SPECIAL INSPECTOR RESPONSIBILITIES:

1. Special inspectors shall notify contractor personnel of their presence and responsibilities and have an identification badge that indicates the following:
 - a. Name and photo of inspector.
 - b. The specific areas in which the inspector is qualified to inspect.
 - c. An authorization signature by the Registered Engineer who is a full-time employee of the agency.

The Special Inspector shall display their badge whenever performing the function of an inspector

2. The Special Inspector shall review the approved plans, specifications, and requirements for special inspections found in the statement of special inspections, The Special Inspector(s) shall observe the work assigned for the applicable duration for conformance with the approved drawings and specifications.
3. The Approved Agency shall keep records of special inspections and tests.



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4. The Approved Agency shall submit reports of special inspections and tests to the Building Official and to the Registered Design Professional in Responsible Charge. Reports shall indicate that work inspected or tested was or was not completed in conformance to approved construction documents. Discrepancies shall be brought to the immediate attention of the Contractor for correction. If they are not corrected, the discrepancies shall be brought to the attention of the Building Official and to the Registered Design Professional in Responsible Charge prior to completion of that phase of the work.
5. A final report documenting required special inspections and tests, and correction of any discrepancies noted in the inspections or tests, shall be submitted at a point in time agreed upon prior to the start of work by the Owner or the Owner's Authorized Agent to the Building Official.

CONTRACTOR RESPONSIBILITIES:

1. Be aware of the special requirements contained in the statement of special inspections. A pre-construction conference with the parties involved is recommended to review special inspection requirements and procedures.
2. Provide proper notification to the Special Inspector or Agency regarding individual inspections that are a part of the attached Schedule. Adequate notice shall be given to allow the Special Inspector to become familiar with the project.
3. The construction or work for which special inspection or testing is required shall remain accessible and exposed for special inspection or testing purposes until completion of the required special inspection or tests.

REGISTERED DESIGN PROFESSIONAL RESPONSIBILITIES:

1. Prepare a statement of special inspections in accordance with CBC Section 1704.3.1 for submittal by the applicant in accordance with Section 1704.2.3.
2. Respond to field discrepancies and provide direction for corrections, as required.

BUILDING DIVISION RESPONSIBILITIES:

1. Review and consider special inspectors and special inspection requirements. Approval is required by the Building Official.
2. Monitor work requiring special inspection including the performance of the Special Inspector. Work is not to proceed without first obtaining approval of the Building Division's inspector in addition to that of the Special Inspector.
3. The Building Division may issue a Certificate of Occupancy after all special inspection reports and the final report have been submitted, reviewed and approved.



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ACKNOWLEDGEMENTS

The undersigned Special Inspector or Qualified Agent of the Testing Laboratory, who has been approved by the Building Division, agrees to comply with the above-listed duties and responsibilities of the Special Inspector.

Inspector or Agent's Name (Print or Type)	Inspector or Agent's Signature	Date
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The undersigned Owner or Contractor will assume the responsibility of scheduling and notifying the testing laboratory of the required tests and inspections included in this agreement. The undersigned also states that they understand the duties and responsibilities of the Special Inspector, is aware of the special requirements contained in the statement of special inspections, and that control will be exercised to obtain conformance with the construction documents approved by the Building Division.

Owner or Contractor's Name (Print or Type)	Owner or Contractor's Signature	Date
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The undersigned Engineer or Architect of Record Acknowledges that the special inspection items included in this agreement will be required to comply with CBC Section 1705. Additional observations required by the Engineer or Architect in accordance with Section 1704.6.1 have been included in this agreement.

Structural Observations to comply with Section 1704.6.1 will / will not be required. (Circle One)

Engineer or Architect's Name (Print or Type)	Engineer or Architect's Signature	Date
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BUILDING DIVISION APPROVAL	
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STRUCTURAL INSPECTION AND TESTING SCHEDULE

Note: Where the option between Continuous and Periodic is possible, please circle the option required.

Steel Construction (See CBC §1705.2 and Table 1705.2.3)		Perform	Observe
<u>Structural Welding (AISC 360)</u>			
1.	Tasks Prior to Welding		
	a. ☐ Welder qualification records & continuity records	--	X
	b. ☐ Welding procedure specifications (WPSs) available	X	--
	c. ☐ Manufacturer certifications for welding consumables available	X	--
	d. ☐ Material identification (type/grade)	--	X
	e. ☐ Welder identification system	--	X
	f. ☐ Fit-up of groove welds (including joint geometry)	--	X
	g. ☐ Fit-up of CJP groove welds of HSST-, Y- and K-joints without backing (including joint geometry)	--	X
	h. ☐ Configuration and finish of access hole	--	X
	i. ☐ Fit-up of fillet welds	--	X
	j. ☐ Check weld equipment	--	X
2.	Tasks During Welding		
	a. ☐ Control & handling of welding consumables	--	X
	b. ☐ No welding over cracked tack welds	--	X
	c. ☐ Environmental conditions	--	X
	d. ☐ WPS followed	--	X
	e. ☐ Welding techniques	--	X
	f. ☐ Placement & installation of steel headed stud anchors	X	--
3.	Tasks After Welding		
	a. ☐ Welds cleaned		X
	b. ☐ Size, length & location of welds	X	--
	c. ☐ Welds meet visual acceptance criteria (crack prohibition, weld/base-metal fusion, crater cross section, weld profiles, weld size, undercut, porosity)	X	--
	d. ☐ Arc strikes	X	--
	e. ☐ k-area	X	--
	f. ☐ Weld access holes in rolled heavy & built-up heavy shapes	X	--
	g. ☐ Backing removed& weld tabs removed (if required)	X	--
	h. ☐ Repair activities	X	--
	i. ☐ Document acceptance or rejection of welded joint or member	X	--
	j. ☐ No prohibited welds have been added without the approval of the EOR	X	--
4.	Nondestructive Testing		
	a. ☐ CJP welds (Risk Category II)	X	--
	b. ☐ CJP welds (Risk Category III or IV)	X	--
<u>High-Strength Bolting (AISC 360)</u>			



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5.	Tasks Prior to Bolting		
	a. ☐ Manufacturer's certifications available for fastener materials	X	--
	b. ☐ Fasteners marked in accordance with ASTM requirements	--	X
	c. ☐ Correct fasteners selected for the joint detail (grade, type, bolt length if threads are to be excluded for shear plane)	--	X
	d. ☐ Correct bolting procedure selected for joint detail	--	X
	e. ☐ Connecting elements, including the appropriate faying surface condition and hole preparation, if specified, meet applicable requirements	--	X
	f. ☐ Pre-installation verification testing by installation personnel observed and documented for fastener assemblies & methods used	--	X
	g. ☐ Protected storage provided for bolts, nuts, washers and other fastener components	--	X
6.	Tasks During Bolting		
	a. ☐ Fastener assemblies placed in all holes and washers & nuts are positioned as required	X	--
	b. ☐ Joint brought to the snug-tight condition prior to the pre-tensioning operation	X	--
	c. ☐ Fastener component not turned by the wrench prevented from rotating	X	--
	d. ☐ Fasteners are pretensioned in accordance with the RCSC specification, progressing systematically from the most rigid point toward the free edges	X	--
7.	Tasks After Bolting		
	a. ☐ Document acceptance or rejection of bolted connections	X	--
8.	Steel Railing Systems		
	a. ☐ Welding at the base of cantilevered rail posts		
9.	☐ Other:		
Open-Web Steel Joists & Joist Girders (See CBC §1705.2.3 and Table 1705.2.3)		Continuous	Periodic
1.	Installation of open-web steel joists and joist girders		
	a. ☐ End connections – welding or bolted	--	X
	b. Bridging – horizontal or diagonal		
	1. ☐ Standard bridging	--	X
	2. ☐ Bridging that differs from the SJI specifications listed in Section 2207.1	--	X
2.	☐ Other:		
Cold-Formed Steel Trusses Spanning 60ft or Greater (See CBC §1705.2.4)		Continuous	Periodic
1.	☐ Verify that temporary installation restraint/bracing and permanent individual truss member restraint/bracing are installed in accordance with approved truss submittal package		
2.	☐ Other:		
Concrete Construction (See CBC §1705.3 and Table 1705.3)		Continuous	Periodic
1.	☐ Reinforcement, including prestressing tendons and verify placement	--	X
2.	Reinforcing bar welding:		
	a. ☐ Verify weldability of reinforcing bars other than ASTM A706	--	X
	b. ☐ Single-pass fillet welds, maximum 5/16"	--	X
	c. ☐ All other welds	X	--



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3.	☐ Anchors cast in concrete	--	X
4.	Inspect anchors post-installed in hardened concrete members		
	a. ☐ Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads	X	--
	b. ☐ Mechanical anchors and adhesive anchors other than 4(a)	--	X
5.	☐ Verify use of required mix design	--	X
6.	☐ Prior to concrete placement, fabricate specimens for strength tests, perform slump and air content test and determine the temperature of the concrete per the following:	X	--
	_____ Cylinders per _____ CY		
	Test: _____ @ 7 _____ @ 28 _____ Hold		
7.	☐ Inspect concrete and shotcrete placement for proper application techniques	X	--
8.	☐ Verify maintenance of specified curing temperature and techniques	--	X
9.	Inspect prestressed concrete:		
	a. ☐ Application of prestressing forces	X	--
	b. ☐ Grouting of bonded prestressing tendons	X	--
10.	☐ Erection of precast concrete members	--	X
11.	At precast concrete diaphragms connections or reinforcement at joints classified as moderate or high deformability elements (MDE or HDE) in structures assigned to Seismic Design Category C, D, E or F, inspect such connections and reinforcement in the field for:		
	a. ☐ Installation of the embedded parts	X	--
	b. ☐ Completion of the continuity of reinforcement across joints	X	--
	c. ☐ Completion of connections in the field	X	--
12.	☐ Installation tolerances or precast concrete diaphragm connections for compliance with ACI 550.5	--	X
13.	☐ Verify in-situ concrete strength, prior to stressing of tendons in post-tensioned concrete and prior to removal of shores and forms from beams and structural slabs	--	X
14.	☐ Inspect formwork for shape, location and dimensions of the concrete member being formed	--	X
15.	☐ Other:		

Masonry (See CBC §1705.4)

Special Inspection & Tests in Accordance with the Quality Assurance Program Requirements of TMS 402 and TMS 602

Indicate the quality assurance level (1, 2 or 3)				
Minimum Verification (R=Required, NR=Not Required)	Required for Quality Assurance			Reference for Criteria
	Level 1	Level 2	Level 3	TMS 602
Prior to construction, verification of compliance of submittals	R	R	R	Art. 1.5
Prior to construction, verification of f'_m and f'_{AAC} , except where specifically exempted by the Code	NR	R	R	Art. 1.4B
During construction, verification of Slump flow and Visual Stability Index (VSI) when self-consolidating grout is delivered to the project site	NR	R	R	Art. 1.5 & 1.6.3
During construction, verification of f'_m and f'_{AAC} for every 5,000sq.ft.	NR	NR	R	Art. 1.4B
During construction, verification of proportions of materials as delivered to the project site for preblended mortar, prestressing grout, and grout other than self-consolidating grout	NR	NR	R	Art. 1.4B
Inspection Task (NR=Not Required, P=Periodic, C=Continuous)	Frequency			Reference for Criteria



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		Level 1	Level 2	Level 3	TMS 402	TMS 602
1.	As masonry construction begins, verify that the following are in compliance:					
	a. Proportions of site-prepared mortar	NR	P	P		Art. 2.1, 2.6A, & 2.6C
	b. Grade and size of prestressing tendons and anchorages	NR	P	P		Art. 2.4B & 2.4H
	c. Grade, type and size of reinforcement, connectors, anchor bolts and prestressing tendons and anchorages	NR	P	P		Art. 3.4 & 3.6A
	d. Prestressing technique	NR	P	P		Art. 3.6B
	e. Properties of thin-bed mortar for AAC masonry	NR	C/P	C		Art. 2.1C.1
	f. Sample panel construction	NR	P	C		Art. 1.6D
2.	Prior to grouting, verify that the following are in compliance:					
	a. Grout space	NR	P	C		Art. 3.2D & 3.2F
	b. Placement of prestressing tendons and anchorage	NR	P	P	Sec. 10.8 & 10.9	Art. 2.4 & 3.6
	c. Placement of reinforcement, connectors and anchor bolts.	NR	P	C	Sec. 6.1, 6.3.1, 6.3.6 & 6.3.7	Art. 3.2E & 3.4
	d. Proportions of site-prepared grout and prestressing grout for bonded tendons	NR	P	P		Art. 2.6B & 2.4G.1.b
3.	Verify compliance of the following during construction:					
	a. Materials and procedures with the approved submittals	NR	P	P		Art. 1.5
	b. Placement of masonry units and mortar joint construction	NR	P	P		Art. 3.3B
	c. Size and location of structural members	NR	P	P		Art. 3.3F
	d. Type, size and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction	NR	P	C	Sec. 1.2.1(e), 6.2.1 & 6.3.1	
	e. Welding of reinforcement	NR	C	C	Sec. 6.1.6.1.2	
	f. Preparation, construction and protection of masonry during cold weather (temperature below 40°F) or hot weather (temperature above 90°F)	NR	P	P		Art. 1.8C & 1.8D
	g. Application and measurement of prestressing force	NR	C	C		Art. 3.6B
	h. Placement of grout and prestressing grout for bonded tendons is in compliance	NR	C	C		Art. 3.5 & 3.6C
	i. Placement of AAC masonry units and construction of thin-bed mortar joints	NR	C/P	C		Art. 3.3B.9 & 3.3F.1b
4.	Observe preparation of grout specimens, mortar specimens, and/or prisms.	NR	P	C		Art. 1.4B.2.a.3, 1.4B.2.b.3, 1.4B.2.c.3, 1.4B.3 & 1.4B.4
Wood (See CBC §1705.5)					Continuous	Periodic
1.	High load diaphragms					
	a. ☐ Verify the wood structural panel sheathing is of the grade and thickness shown on the approved construction documents					
	b. ☐ 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 are in accordance with the approved construction documents					
2.	☐ Metal-plate-connected wood trusses spanning 60ft or greater					



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3.	☐ Other:		
Mass Timber (See CBC §1705.5.3 and Table 1705.5.3)		Continuous	Periodic
1.	☐ Inspection of anchorage and connections of mass timber construction to timber deep foundation systems	--	X
2.	☐ Inspect erection of mass timber construction	--	X
3.	Inspection of connections where installation methods are required to meet design loads		
	a. Threaded Fasteners: ☐ Verify use of proper installation equipment	--	X
	☐ Verify use of pre-drilled holes where required	--	X
	☐ Inspect screws, including diameter, length, head type, spacing, installation angle and depth.	--	X
	b. ☐ Adhesive anchors installed in horizontal or upwardly inclined orientation to resist sustained tension loads	X	--
	c. ☐ Adhesive anchors not defined above	--	X
	d. ☐ Bolted connections	--	X
	e. ☐ Concealed connections	--	X
4.	☐ Other:		
Soils (See CBC §1705.6 and Table 1705.6)		Continuous	Periodic
1.	☐ Verify materials below shallow foundations are adequate to achieve the design bearing capacity	--	X
2.	☐ Verify excavations are extended to proper depth and have reached proper material	--	X
3.	☐ Perform classification and testing of compacted fill materials	--	X
4.	☐ During fill placement, verify use of proper materials and procedures in accordance with the provisions of the approved geotechnical report. Verify densities and lift thicknesses during placement and compaction of compacted fill	X	--
5.	☐ Prior to placement of compacted fill, inspect subgrade and verify that site has been prepared properly	--	X
6.	☐ Other:		
Driven Deep Foundation Elements (See CBC §1705.7 and Table 1705.7)		Continuous	Periodic
1.	☐ Verify elements materials, sizes and lengths complete with the requirements	X	--
2.	☐ Determine capacities of test elements and conduct additional load test, as required	X	--
3.	☐ Driving operations and maintenance of complete and accurate records for each element	X	--
4.	☐ Verify placement locations and plumbness, confirm type and size of hammer, record number of blows per foot of penetration, determine required penetrations to achieve design capacity, record tip and butt elevations and document any damage to foundation element	X	--
5.	☐ For steel elements, perform additional special inspections in accordance with §1705.2	See §1705.2	
6.	☐ For concrete elements and concrete-filled elements, perform tests and additional special inspections in accordance with §1705.3	See §1705.3	
7.	☐ For specialty elements, perform additional inspections as determined by the registered design professional in responsible charge	Per Statement of Special Inspections	



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8.	☐ Other:		
Cast-in-Place Deep Foundation Elements (See CBC §1705.8 and Table 1705.8)		Continuous	Periodic
1.	☐ Drilling operations and maintenance of complete and accurate records for each element	X	--
2.	☐ Verify placement locations and plumbness, confirm element diameters, bell diameters (if applicable), lengths, embedment into bedrock (if applicable) and adequate end-bearing strata capacity. Record concrete or grout volumes	X	--
3.	☐ For concrete elements, perform tests and additional special inspections in accordance with §1705.3	See §1705.3	
4.	☐ Other:		
Helical Pile Foundations (See CBC §1705.9)		Continuous	Periodic
1.	☐ Installation of helical piles, including equipment used, pile dimensions, tip elevations, final depth and final installation torque	X	--
Seismic Resistance (See CBC §1705.13)		Continuous	Periodic
1.	Structural Steel		
	a. ☐ Seismic force-resisting systems inspected in accordance with AISC 341		
	b. ☐ Structural steel elements other than those covered in (a), including struts, collectors, chords and foundation elements inspected in accordance with AISC 341		
2.	Structural Wood		
	a. ☐ Field gluing operations of elements of the seismic force-resisting system	X	--
	b. ☐ Nailing, bolting, anchoring and other fastening of elements of the seismic force-resisting system, including wood shear walls, wood diaphragms, drag struts, braces, shear panels and hold-downs	--	X
3.	Cold-Formed Steel Light-Frame Construction		
	a. ☐ Welding operations of elements of the seismic force-resisting system.	--	X
	b. ☐ Screw attachment, bolting, anchoring and other fastening of elements of the seismic force-resisting system, including shear walls, braces, diaphragms, collectors (drag struts) and hold-downs.	--	X
4.	Designated Seismic Systems		
	a. ☐ Verify that the label, anchorage and mounting conform to the certificate of compliance		
5.	Architectural Components		
	a. ☐ Erection and fastening of exterior cladding, interior and exterior nonbearing walls and interior and exterior veneer	--	X
6.	Plumbing, Mechanical and Electrical Components		
	a. ☐ Anchorage of electrical equipment for emergency and standby power system.	--	X
	b. ☐ Installation and anchorage of piping systems designed to carry hazardous materials and their associated mechanical units	--	X
	c. ☐ Installation and anchorage of ductwork designed to carry hazardous materials	--	X
	d. ☐ Installation and anchorage of vibration isolation systems where the approved construction documents require a nominal clearance of 1/4" or less between the equipment support frame and restraint	--	X
	e. ☐ Installation of mechanical and electrical equipment, including duct work, piping systems, and their structural supports, where automatic sprinkler systems are installed to verify one of the following:	--	X



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	(1) Minimum clearances have been provided as required by ASCE7 §13.2.3 or (2) A nominal clearance of not less than 3" has been provided between automatic sprinkler system drops and sprigs and structural members not used collectively or independently to support the sprinklers; equipment attached to the building structure; and other systems' piping		
7.	Storage Racks		
	a. ☐ Materials used, to verify compliance with one or more of the material test reports in accordance with the approved construction documents.	--	X
	b. ☐ Fabricated storage rack elements.	--	X
	c. ☐ Storage rack anchorage installation.	--	X
	d. ☐ Completed storage rack system, to indicate compliance with the approved construction documents.	--	X
8.	Seismic Isolation Systems		
	a. ☐ In seismically isolated structures during the fabrication and installation of isolator units and energy dissipation devices	--	X
9.	Cold-Formed Steel Special Bolted Moment Frames		
	a. ☐ Installation of cold-formed steel special bolted moment frames in the seismic force-resisting system	--	X
List other required special inspections and indicate frequency of tests and/or inspections required.		Continuous	Periodic

Special Instructions and/or Structural Observations Required (See CBC §1704.6)