permit SONOMA

County of Sonoma
Permit & Resource Management Department

STATEMENT OF SPECIAL INSPECTIONS CNI-033

Name of Owner:

Address: 5060 Hessel Ave

Permit Number: ~~BLD21-5051~~

Job Description: New Outdoor Pavilion

This Statement of Special Inspections is submitted to outline the requirements of 2019 CBC Chapter 17.

Included are:

A. Schedule of special inspections and tests applicable to this project:

1. Special inspections, per Section 1704 & 1705;
2. Special inspection for seismic resistance, per Sections 1704.3.2, 1705.12, 1705.13;
3. Structural observations, per Section 1704.6;
4. Material testing and/or load testing, per Sections 1706 through 1709.

B. List of the special inspector, testing agencies, and registered design professionals that will be retained to conduct the applicable tests, observations, and testing required;

C. Contractor's statement of responsibility, per Section 1704.4.

Prepared By

Registered Design Professional in Responsible Charge:

License Number:

Signature:

Date: 05/13/2021

Owner's Authorization

Owner:

Signature:

Building Official Approval:

THESE ATTACHMENTS ARE PART OF THE APPROVED PLANS.
* DO NOT REMOVE THEM *
11/18/2021
PERMIT AND RESOURCE MANAGEMENT DEPARTMENT BUILDING PLAN CHECK
PERMIT # BLD21-5051

Special inspections and testing, and structural observations, shall be performed in accordance with the approved plans and specifications, this statement, approved testing procedures, applicable listing information for fabricated items, and CBC Section 17.

The Schedule of Special Inspections summarizes the special inspections and tests required. Special inspectors shall refer to the approved plans and specifications for detailed special inspection requirements. Any additional tests or observations required by the approved plans, specifications, or required by the building official shall also be performed.

Interim reports will be submitted to the building official and the registered design professional in responsible charge, in accordance with CBC Section 1704.2.4.

At the conclusion of work included in the permit, a report of special inspections and structural observations shall be submitted to the building inspector. The final report shall document:

A. Required special inspections;

B. Final results of structural testing;

C. Correction of discrepancies noted in inspections;

D. Written statement of structural observations, and identification of any reported deficiencies which, to the best of the structural observer's knowledge, have not been resolved.

This plan has been developed with the understanding that the building official shall:

A. Review and approve the qualifications of special inspectors who shall perform inspections;

B. Review submitted inspection reports;

C. Perform inspections as required by the locally adopted building codes.

Schedule of Inspections, Testing Agencies, and Inspectors

The following are the testing agencies, registered design professionals, and special inspectors that will be retained to conduct tests, inspections, and structural observations for this project:

	Responsibility	Firm	Address, telephone, e-mail
1.	Special Inspection (except for geotechnical)	MKM & Associates	5880 Commerce Blvd Rohnert Park, Ca 578-8185
2.	Material Testing		
3.	Geotechnical Inspections	Reese & Associates	134 Lystra Ct Santa Rosa, Ca 528-3078
4.	Structural Observations	MKM & Associates	5880 Commerce Blvd Rohnert Park, Ca 578-8185

Special inspections can be performed by agencies approved by Permit Sonoma listed on CNI-014 Special Inspection Agency Recognition List. Special inspections may also be performed by the engineer of record where the engineer has submitted the appropriate certification during the plan check process (e.g. Structural Welding Special Inspector, Reinforced Concrete Special Inspector, etc.).

Seismic Requirements (Section 1704.3.2)

Identify the designated seismic systems and seismic-force-resisting systems subject to special inspections per CBC Section 1705.12. Identify any required testing and qualification for seismic resistance per CBC Section 1705.13.

Summary of required special inspections, structural testing, and structural observations

Briefly describe required special inspections and structural observations for this project. Full schedule of inspections are those that are checked off on the following pages. Include additional sheets as necessary to identify frequency and extent of structural observations.	
Special Inspections:	Structural Observations:
Grading, excavation, fill, foundation excavations, reinforcing steel, concrete, adhesive connections, and metal plate connected wood trusses with height 5 feet or greater	foundation reinforcement and embeds, rough framing and misc. connectors, sheathed walls, and floor and roof sheathing and sheathing nailing

Schedule of Special Inspections

Column headers:

C = Full-time observation of work by an approved special inspector while the work is being performed.
P = Intermittent observation of work by an approved special inspector where the work has been performed and at the completion of work.

Box Entries:

X = Denotes either "C" continuous or "P" periodic inspections, according to column placement.
-- = Denotes that an activity is either a one-time activity or its frequency is defined in some other manner.

Notes/Referenced Standards: Indicates the referenced standard applicable to the criteria, method, and frequency of the special inspection or testing required. Additional notes may be included in this box denoting frequency of inspections or the special inspection agency responsible for the particular inspection item.

Additional details regarding inspections and tests are provided in the project specifications or notes on the drawings.

VERIFICATION AND INSPECTION

1704.2.5 & 1705.10 - Fabricated Items	C	P	✓ if Req'd	Notes/Referenced Standards
Fabrication and implementation	--	--	☐	
Fabricator approval and certificate of compliance	--	--	☐	CBC 1704.2.5.1

1704.6 – Structural Observations	C	P	✓ if Req'd	Notes/Referenced Standards
Prior to the commencement of observations, the structural observer shall submit to the building official a written statement identifying the frequency and extent of structural observations	--	--	☐	
At the conclusion of work included in the permit, the structural observer shall submit to the building official a written statement that the site visits have been made and identify any reported deficiencies which have not been resolved	--	--	☐	
Structural observations for structures	--	--	☐	CBC 1704.6.1
Structural observations for seismic resistance	--	--	☐	CBC 1704.6.2

1705.1.1 – Special Cases	C	P	✓ if Req'd	Notes/Referenced Standards
Construction materials and systems that are alternatives to materials and systems prescribed by the applicable code	--	--	☐	
Unusual design applications of materials described in the applicable code	--	--	☐	
Materials and systems required to be installed in accordance with manufacturer's instructions that prescribe requirements not contained in the applicable code or referenced standards	--	--	☐	List code reports (attached to construction documents) for each applicable material/system.

1705.2 – Steel Construction, Quality Assurance per AISC 360	C	P	✓ if Req'd	Notes/Referenced Standards
A. Fabricator and erector documents (verify reports and certificates as listed in AISC 360, Section N3.2 for compliance with construction documents. Includes structural steel, castings, forgings, fasteners, rods, welding, anchors, braces, stiffeners, member locations, joint details, etc.)	--	X	☐	AISC 360: Chapter N
B. Identification markings for structural steel materials conform to ASTM standards specified in the approved construction documents (e.g., structural shapes, castings, forgings, bolts, washers, nuts, rods, consumables for welding, anchors, etc.)	--	X	☐	AISC 360: A3
C. Embedments (verify diameter, grade, type, length, and depth of embedded item)	--	X	☐	AISC 360: N5.8
D. Verify compliance with details on the construction documents, such as braces, stiffeners, member locations, and proper application of joint details at each connection		X	☐	AISC 360: N5.8, The acceptance or rejection of joint details and the correct application of joint details shall be documented
E. Structural Steel Welding 1. Inspection Tasks **Prior** to Welding (Observe, or perform for each welded joint or member, the QA tasks listed in AISC 360, Table N5.4-1)	Random Basis (O) or Each Joint or Member (P) per applicable table	Same as prev.	☐	See form CNI-033A Statement of Special Inspections Steel Appendix.

1705.2 – Steel Construction, Quality Assurance per AISC 360 (Continued)	C	P	✓ if Req'd	Notes/Referenced Standards
2. Inspection tasks **During** Welding (Observe, or perform for each welded joint or member, the QA tasks listed in AISC 360, Table N5.4-2)	Random Basis (O) or Each Joint or Member (P) per applicable table	Same as prev.	☐	See form CNI-033A Statement of Special Inspections Steel Appendix.
3. Inspection tasks **After** Welding (Observe, or perform for each welded joint or member, the QA tasks listed in AISC 360, Table N5.4-3)	Random Basis (O) or Each Joint or Member (P) per applicable table	Same as prev.	☐	See form CNI-033A Statement of Special Inspections Steel Appendix.
4. Nondestructive Testing (NDT) of welded joints:				AISC 360: N5.5
a. Complete penetration groove welds 5/16" or greater in risk category III or IV		X	☐	N5.5b
b. Complete penetration groove welds 5/16" or greater in risk category II		X	☐	N5.5b
c. Welded joints subject to fatigue when required by AISC 360, App. 3, Table A-3.1		X	☐	N5.5c
d. Fabricator's NDT reports when fabricator performs NDT		X	☐	N5.5g
F. Inspection of High-Strength Bolting				
1. Inspection tasks Prior to Bolting (Observe, or perform tasks for each bolted connection, in accordance with QA tasks listed in AISC 360, Table N5.6-1)	Random Basis (O) or Each Joint or Member (P) per applicable table	Same as prev.	☐	See N5.6 for exceptions based on installation method. See form CNI-033A Statement of Special Inspections Steel Appendix.

1705.2 – Steel Construction, Quality Assurance per AISC 360 (Cont.)	C	P	✓ if Req'd	Notes/Referenced Standards
2. Inspection tasks During Bolting (Observe the QA tasks listed in AISC 360, Table N5.6-2) a. Pre-tensioned and slip critical joints b. Snug-tight joints	Random Basis (O) or Each Joint or Member (P) per applicable table	Same as prev.	☐ ☐	See N5.6 for exceptions based on installation method. See form CNI-033A Statement of Special Inspections Steel Appendix.
3. Inspection tasks After Bolting (Perform tasks for each bolted connection in accordance with QA tasks listed in AISC 360, Table N5.6-3)	Random Basis (O) or Each Joint or Member (P) per applicable table	Same as prev.	☐	See N5.6 for exceptions based on installation method. See form CNI-033A Statement of Special Inspections Steel Appendix.
G. Inspection of steel elements of composite construction prior to concrete placement in accordance with QA tasks listed in AISC 360, Chapter N			☐	AISC 360 N1 Commentary
H. Cold-formed Steel Deck: Spec. Insp. & QA for Welding			☐	CBC 1705.2.2, SDI QA/QC-2017
I. Installation of open-web steel joists and joist girders				Table 1705.2.3
1. End connections – welding or bolted		X	☐	CBC 2207.1
2. Bridging – horizontal or diagonal				
a. Standard bridging		X	☐	CBC 2207.1
b. Bridging that differs from the SJI specifications listed in Section 2207.1		X	☐	
J. Cold-formed steel trusses spanning 60 feet or greater		X	☐	CBC 1705.2.4

Table 1705.3 – Concrete Construction	C	P	✓ if Req'd	Notes/Referenced Standards
A. Inspection reinforcement, including prestressing tendons, and verify placement			☐	ACI 318 Ch. 20, 25.2, 25.3, 26.6.1-26.6.3, CBC 1908.4
B. Reinforcing bar welding:			☐	CBC 1705.3.1

Table 1705.3 – Concrete Construction (Cont.)	C	P	✓ if Req'd	Notes/Referenced Standards
1. Verify weldability of reinforcing bars other than ASTM A706		X	☐	AWS D1.4, ACI 318: 26.6.4,
2. Inspect single-pass fillet welds, maximum 5/16"		X	☐	
3. Inspect all other welds		X	☐	
C. Inspect anchors cast in concrete		X	☐	ACI 318: 17.8.2
D. Inspect anchors post-installed in hardened concrete members (see footnote b. Table 1705.3):				
1. Adhesive anchors installed in horizontally or upwardly inclined orientations to resists sustained tension loads	X		☐	ACI 318: 17.8.2.4
2. Mechanical anchors and adhesive anchors not defined in 4.a		X	☑	ACI 318: 17.8.2
E. Verify use of required design mix		X	☐	ACI 318: Ch. 19, 26.4.3, 26.4.4, CBC 1904.1, 1904.2, 1908.2, 1908
F. Prior to concrete placement, fabricate specimens for strength tests, preform slump and air tests, and determine the temperature of the concrete	X		☑	ASTM C172, ASTM C31, ACI 318: 26.5, 26.12, CBC 1908.10
G. Inspect concrete and shotcrete placement for proper application techniques	X		☐	ACI 318: 26.5, CBC 1908.6, 1908.7, 1908.8
H. Verify maintenance of specified curing temperature and techniques		X	☐	ACI 318: 26.5.3-26.5.5, CBC 1908.9
I. Inspect prestressed concrete for:				
1. Application of prestressing forces;	X		☐	ACI 318: 26.9.2.1
2. Grouting of bonded prestressing tendons	X		☐	ACI 318: 26.9.2.3
J. Inspect erection of precast concrete members		X	☐	ACI 318: Ch. 26.9
K. 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	☐	ACI 318: 26.11.2

Table 1705.3 – Concrete Construction (Cont.)	C	P	✓ if Req'd	Notes/Referenced Standards
L. Inspect formwork for shape, location, and dimensions of the concrete member being formed		X	☐	ACI 318: 26.10.1(b)
M. Material tests in absence of sufficient data or documentation	--	--	☐	CBC 1705.3.2

1705.4 – Masonry Construction (TMS 402/602-16)	C	P	✓ if Req'd	Notes/Referenced Standards
A. Prior to construction, verification of compliance of submittals	--	--	☐	This is the only inspection required for Level I
B. Prior to construction, verification of f'_m and f'_{AAC} except where specifically exempted by the Code	--	--	☐	
C. Prior to construction, Verification of slump flow and VSI as delivered to the site for self-consolidating grout	--	--	☐	
D. During construction, verification of f'_m and f'_{AAC} for every 5,000sf	--	--	☐	Level 3, Risk category IV only
E. During construction, verification of proportions of materials as delivered to the project site for premixed or preblended mortar, prestressing grout, and grout other than self consolidating grout.	--	--	☐	Level 3, Risk category IV only
F. As masonry construction begins, verify that the following are in compliance:				
1. Proportions of site-prepared mortar		X	☐	
2. Grade and size of prestressing tendons and anchorages		X	☐	
3. Grade, type and size of reinforcement, connectors, anchor bolts, and prestressing tendons and anchorage		X	☐	
4. Prestressing technique		X	☐	
5. Properties of thin-bed mortar for AAC masonry. Level 2 continuous for first 5000sf of AAC and periodic afterward. Level 3 continuous.	Level 2 and 3	X	☐	
6. Sample panel construction	Level 3	X	☐	
E. Prior to grouting verify that the following are in compliance:				
1. Grout space	Level 3	X	☐	

Table 1705.4 – Masonry Construction (TMS 602/ACI 530.1/ASCE 6) (Cont.)	C	P	✓ if Req'd	Notes/Referenced Standards
2. Placement of prestressing tendons and anchorages		X	☐	
3. Placement of reinforcement, connectors, and anchor bolts	Level 3	X	☐	
4. Proportions of site-prepared grout and prestressing grout for bonded tendons		X	☐	
F. Verify compliance of the following during construction:				
1. Materials and provedures with the approved submittals		X	☐	
2. Placement of masonry units and mortar joint construction		X	☐	
3. Size and location of structural members		X	☐	
4. Type, size, and location of anchors, including other details of anchorage of masonry to structural members, frames, or other construction	Level 3	X	☐	
5. Welding of reinforcement	X		☐	
6. Preparation, construction, and protection of masonry during cold weather <40°F or hot weather >90°F		X	☐	
7. Application and measurement of prestressing force	X		☐	
8. Placement of grout and prestressing grout for bonded tendons is in compliance	X		☐	
9. Placement of AAC masonry units and construction of thin-bed mortar joints. Level 2 continuous for first 5000sf of AAC and periodic afterward. Level 3 continuous.	Level 2 and 3	X	☐	
G. Observe preparation of grout specimens, mortar specimens, and/or prisms	Level 3		☐	
I. Vertical masonry foundation elements: Inspections shall be performed in accordance with Section 1705.4	--	--	☐	

1705.5 – Wood Construction	C	P	✓ if Req'd	Notes/Referenced Standards
A. Inspect prefabricated wood structural elements and assemblies in accordance with Section 1704.2.5	--	--	☐	
B. Inspect site built assemblies:				
1. High Load Diaphragms: Verify grade and thickness of structural panel and sheathing, framing members at adjoining edges, nails/staple diameter and length, number of fasteners in each line and at edge margins		X	☐	
2. Metal-plate-connected wood trusses spanning more than 60 feet: Verify that temporary installation restraint bracing and the permanent individual truss member restraint bracing are installed in accordance with the approved truss submittal package		X	☐	

Table 1705.6 – Verification and Inspection of Soils	C	P	✓ if Req'd	Notes/Referenced Standards
A. Verify materials below shallow foundations are adequate to achieve the design bearing capacity		X	☑	
B. Verify excavations are extended to proper depth and have reached proper material		X	☑	
C. Perform classification and testing of compacted fill materials		X	☐	
D. Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill	X		☑	
E. Prior to placement of compacted fill, observe subgrade and verify that site has been prepared properly		X	☑	

Table 1705.7 – Verification and Inspection of Driven Deep Foundation Elements	C	P	✓ if Req'd	Notes/Referenced Standards
A. Verify element materials, sizes and lengths comply with the requirements	X		☐	
B. Determine capacities of test elements and conduct additional load tests, as required	X		☐	
C. Observe driving operations and maintain complete and accurate records for each element	X		☐	
D. 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		☐	
E. For steel elements, perform additional inspections in accordance with Section 1705.2	--	--	☐	
F. For concrete elements and concrete-filled elements, perform additional inspections in accordance with Section 1705.3	--	--	☐	
G. For specialty elements, perform additional inspections as determined by the registered design professional in responsible charge	--	--	☐	

Table 1705.8 – Verification and Inspection of Cast-in-Place Deep Foundation Elements	C	P	✓ if Req'd	Notes/Referenced Standards
A. Inspect drilling operations and maintain complete and accurate records for each element	X		☐	
B. Verify placement locations and plumbness, confirm element diameters, bell diameters, lengths, embedment into bedrock and adequate end-bearing strata capacity; record concrete or grout volumes	X		☐	
C. For concrete elements, perform additional inspections in accordance with Section 1705.3	--	--	☐	

1705.9 – Helical Pile Foundations	C	P	✓ if Req'd	Notes/Referenced Standards
A. Continuous inspection is required during installation of helical pile foundations. Record installation equipment used, pile dimensions, tip elevations, final depth, final installation torque, and other pertinent data as required. The approved geotechnical report and construction documents shall be used to determine compliance	X		☐	

1705.11 – Verification and Inspection for Wind Resistance	C	P	✓ if Req'd	Notes/Referenced Standards
N/A in Sonoma County	N/A	N/A	N/A	N/A

1705.12 – Verification and Inspection for Seismic Resistance	C	P	✓ if Req'd	Notes/Referenced Standards
A. Structural Steel 1. Seismic force-resisting systems, 1705.12.1.1: Joint Details, Connection Details, Welding, Nondestructive Testing, High-strength Bolting, Composite Structures, Piling, etc.	See form CNI-033A Statement of Special Inspections Steel Appendix	Same as prev.	☐	CBC 1705.12.1, AISC 341: Chapter J Quality Control and Quality Assurance
2. Structural steel elements, 1705.12.1.2: Inspection of steel elements in the seismic force-resisting system not covered in 1705.12.1.1, including struts, collectors, chords, foundation elements, etc.	See form CNI-033A Statement of Special Inspections Steel Appendix	Same as prev.	☐	CBC 1705.12.1, AISC 341: Chapter J Quality Control and Quality Assurance
A. Structural Wood				CBC 1705.12.2
1. Inspection of field gluing operations of elements of the seismic-force-resisting system	X		☐	
2. Nailing, bolting, fastening, and other fastening of components within the seismic-force-resisting system, where the fastener spacing of the sheathing is 4 inches or less on center		X	☐	
B. Cold-formed Steel Light-Frame Construction:				CBC 1705.12.3

1705.12 – Verification and Inspection for Seismic Resistance (Cont.)	C	P	✓ if Req'd	Notes/Referenced Standards
1. Inspection during welding operations of elements of the seismic-force-resisting system		X	☐	
2. Screw attachment, bolting, anchoring and other fastening of components within the seismic-force-resisting system where the sheathing is wood structural panels or steel sheets with fastener spacing is 4 inches or less on center		X	☐	
C. Designated Seismic Systems: Inspect and verify that the component label, anchorage or mounting conforms to the certificate of compliance in accordance with Section 13.2.2 of ASCE 7		X	☐	CBC 1705.12.4, ASCE7 Ch. 13 Seismic Design Requirements for Nonstructural Components
D. Architectural Components: Erection and fastening of exterior cladding (more than 5 psf), interior (more than 15 psf) and exterior nonbearing walls, and interior and exterior veneer (more than 30 feet in height and more than 5 psf); anchorage of access floors		X	☐	CBC 1705.12.5
E. Plumbing, mechanical, and electrical components				CBC 1705.12.6
1. Anchorage of electrical equipment for emergency or standby power systems		X	☐	
2. Installation of anchorage of other electrical equipment		X	☐	
3. Installation of piping systems intended to carry flammable, combustible, or highly toxic contents and their associated mechanical units		X	☐	
4. Installation of HVAC ductwork that will contain hazardous materials		X	☐	
5. Installation of vibration isolation systems where the construction documents require a nominal clearance of ¼ inch or less between the equipment support frame and restraint		X	☐	
F. Storage Racks: Inspection is required during the anchorage of storage racks 8 feet or greater in height		X	☐	CBC 1704.12.7

1705.12 – Verification and Inspection for Seismic Resistance (Cont.)	C	P	✓ if Req'd	Notes/Referenced Standards
G. Seismic Isolation Systems: Fabrication and installation of isolator units and energy dissipation devices that are part of the seismic isolation system		X	☐	CBC 1705.12.8
H. Cold-formed steel special bolted moment frames		X	☐	CBC 1705.12.9

1705.13 – Testing and Qualification for Seismic Resistance	C	P	✓ if Req'd	Notes/Referenced Standards
A. Structural Steel: Nondestructive testing for Seismic force-resisting systems per 1705.1.1.1 and/or Structural steel elements per 1705.13.1.2	See form CNI-033A Statement of Special Inspections Steel Appendix	Same as prev.	☐	CBC 1705.13.1, AISC 341
B. Seismic Certification of Nonstructural Components: Review and acceptance of certificate of compliance by registered design professional with submittal of the review and certificate to the building official	--	--	☐	CBC 1705.13.2, AISC 13.2.1
C. Designated Seismic Systems: Review and acceptance of certificate of compliance by registered design professional with submittal of the review and certificate to the building official	--	--	☐	CBC 1705.13.3, Nonstructural Components AISC 13.2.2
D. Seismic Isolation Systems: Tested in accordance with Section 17.8 of ASCE7	--	--	☐	CBC 1705.13.4

1705.14 – Sprayed Fire-Resistant Materials	C	P	✓ if Req'd	Notes/Referenced Standards
A. Special inspections shall include the following physical and visual tests to demonstrate compliance with the listing and fire resistance rating				
1. Condition of substrates	--	--	☐	CBC 1705.14.2
2. Thickness of application	--	--	☐	CBC 1705.14.3, 1705.14.4, ASTM E605
3. Density in pounds per cubic foot	--	--	☐	ASTM E605
4. Bond strength adhesion/cohesion	--	--	☐	ASTM E736
5. Condition of finished application	--	--	☐	

1705.15 – Mastic and Intumescent Fire-Resistant Coatings	C	P	✓ if Req'd	Notes/Referenced Standards
A. Special inspection for mastic and intumescent fire resistive coatings applied to structural elements and decks	--	--	☐	AWCI 12-B

1705.16 – Exterior Insulation and Finish Systems (EIFS)	C	P	✓ if Req'd	Notes/Referenced Standards
A. Inspection required for all EIFS installations; Exceptions: EIFS installed over a water-resistive barrier with means of draining moisture to the exterior and EIFS installed over masonry or concrete	--	--	☐	
B. Special inspection of the water-resistive barrier coating when installed over a sheathing substrate	--	--	☐	ASTM E 2570

1705.17 – Fire-Resistant Penetrations and Joints	C	P	✓ if Req'd	Notes/Referenced Standards
A. Applicable to high-rise buildings or in buildings assigned to Risk Category III or IV				
1. Penetration firestops	--	--	☐	CBC 714.3.1.2, 714.4.2, 715.3, 715.4, 1705.17.1, 1705.17.2
2. Fire-resistant joint systems	--	--	☐	CBC 714.3.1.2, 714.4.2, 715.3, 715.4, 1705.17.1, 1705.17.2
3. Perimeter fire barrier systems	--	--	☐	CBC 714.3.1.2, 714.4.2, 715.3, 715.4, 1705.17.1, 1705.17.2

1705.18 – Testing Scope for Smoke Control Systems	C	P	✓ if Req'd	Notes/Referenced Standards
A. During erection of ductwork and prior to concealment for the purpose of leakage testing and recording of device location	--	--	☐	
B. Prior to occupancy and after sufficient completion for the purposes of pressure difference testing, flow measurements and detection and control verification	--	--	☐	

1706 – Design Strength of Materials	C	P	✓ if Req'd	Notes/Referenced Standards
A. Design strengths and permissible stresses of any structural material that are identified by a manufacturer's designation as to manufacture and grade by mill tests, or otherwise confirmed to the satisfaction of the building official, shall conform to the applicable specifications	--	--	☐	
B. Materials that are not specifically provided for in the applicable code shall justify design strengths and permissible stresses to the satisfaction of the building official	--	--	☐	

1707 – Alternate Test Procedure	C	P	✓ if Req'd	Notes/Referenced Standards
A. Alternate Test Procedure			☐	CBC 104.11, 1.8.7, CBC 1701.2

1708 – In-Situ Load Tests for Completed Construction	C	P	✓ if Req'd	Notes/Referenced Standards
A. Load Test Procedure Specified: An applicable load test procedure and acceptance criteria in CBC Chapter 35 Referenced Standards applies	X		☐	CBC 1708.2.1
B. Load Test Procedures Not Specified: The existing structure/construction is subjected to a test procedure developed by a registered design professional	X		☐	CBC 1708.2.2

1709 – Preconstruction Load Tests	C	P	✓ if Req'd	Notes/Referenced Standards
A. Load Test Procedure Specified: An applicable load test procedure and acceptance criteria in CBC Chapter 35 Referenced Standards applies	X		☐	CBC 1709.2
B. Load Test Procedures Not Specified: Proposed structure is subjected to a test procedure developed by a registered design professional	X		☐	CBC 1709.3
C. Wall and partition assemblies	--	--	☐	CBC 1709.4
D. Exterior window and door assemblies	--	--	☐	CBC 1709.5
E. Skylights and sloped glazing	--	--	☐	CBC 1709.6

CONTRACTOR RESPONSIBILITY

Per Section 1704.4, each contractor responsible for the construction of a main seismic-force-resisting system, designated seismic system or a seismic-resisting component listed in the Statement of Special Inspections shall submit a written statement of responsibility to the building official and the owner **prior to the commencement of work** on the system or component. The contractor's statement of responsibility shall contain acknowledgment of awareness of the special requirements contained in the Statement of Special Inspections.

Each contractor responsible for the construction of the applicable system or component as specified above shall use the following lines to enter their name, signature, company, license number, date, and particular system or component that they are taking responsibility for prior to commencement of work on the indicated system or component. A copy of this page shall be presented to the building official, and it is the contractor's responsibility to also provide the owner a copy of this document.

Name: _____

Signature: _____

Company: _____

License Number: _____

Date: _____