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STAMP:

ISSUE SCHEDULE

PLAN CHECK	02/21/2025
BID SET	03/27/2026

REVISION SCHEDULE

NO.	ISSUE	DATE
B	Addendum B	04/10/2026

JOB NUMBER: ESE # 3768  
 DRAWN BY: EDT/ML  
 CHECKED BY: SRA/UTE  
 ISSUE DATE: 03/27/26

SCALE:  
 TITLE:  
**SPECIAL INSPECTION SHEETS**

SHEET:  
**S1.02**

PRELIMINARY - Not for Construction -

VERIFICATION AND INSPECTION	C	P	REFERENCED STANDARD	CBC REFERENCE
<b>INSPECTION OF CONCRETE</b>				
6. <input checked="" type="checkbox"/> Prior to and during concrete placement fabricate specimens for strength tests, perform slump and air content tests and determine the temperature of the concrete.	X	---	ASTM C31 ASTM C172 ACI 318: 26.4, 26.5, 26.12	1705A.3.5, 1705A.3.6, 1705A.3.9, 1904.1.17, [DSA-SS/CC] 1909.3.9
7. <input checked="" type="checkbox"/> Inspect of concrete and shotcrete placement for proper application techniques.	X	---	ACI 318: 26.5, 26.13, ACI 506: 3.4	1705A.3.9, 1904.1.15, [DSA-SS/CC] 1909.3.7, 1909.3.8
8. <input checked="" type="checkbox"/> Verify maintenance of specified curing temperature and techniques.	---	X	ACI 318: 26.5.3-26.5.5, 26.13.3.3	
9. <input type="checkbox"/> Inspect of prestressed concrete for: a) Application of prestressing forces; and b) Grouting of bonded prestressing tendons	X	---	ACI 318: 26.10.2, 26.13.1, 26.13.3.2	1705A.3.4
10. <input type="checkbox"/> Inspect Erection of precast concrete members.	X	---	ACI 318: 26.9, 26.13.1, 26.13.3.3	
11. <input type="checkbox"/> For precast concrete diaphragm connections or reinforcement at joints classified as moderate or high deformability elements (MDE or HDE) in structures assigned to Seismic Design Category D, E or F inspect such connections and reinforcement in the field for: a) Installation of the embedded parts b) Completion of the continuity of reinforcement across joints. c) Completion of connection in the field.	X	---	ACI 318: 26.13.1.3	
12. <input type="checkbox"/> Inspect installation tolerances of precast concrete diaphragm connection for compliance with ACI 550.5.	---	X	ACI 318: 26.13.1.3	
13. <input type="checkbox"/> 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: 26.10.2, 26.13.2, 26.13.3.3	
14. <input type="checkbox"/> Inspect formwork for shape, location and dimension of the concrete members being formed.	---	X	ACI 318: 26.11.1.2(b), 26.13.3.3	1908A.3, [DSA-SS/CC] 1909.4.3

VERIFICATION AND INSPECTION	C	P	REFERENCED STANDARD	CBC REFERENCE
<b>INSPECTION OF CONCRETE</b>				
1. <input type="checkbox"/> Inspect and test reinforcement, including prestressing tendons, and verify placement. a) Reinforcement in special moment frames, boundary elements of special structural walls and coupling beams.	X	---	ACI 318: Ch. 20, 25.2, 25.3, 25.5.1, 26.6.1-26.6.3, 26.13.1, 26.13.3.2, 26.13.3.3	1705A.3.9, 1904.1, 1910A.2, 1910A.3; [DSA-SS/CC] 1909.2.4, 1909.2.5, 1909.4.1
<input checked="" type="checkbox"/> b) All other reinforcement	---	X		
2. <input type="checkbox"/> Reinforcing bar welding: a) Verify weldability of reinforcing bars other than ASTM A706; b) Inspect single-pass fillet welds, maximum 5/16", not defined in 2.d or 2.e. c) Inspect all other welds.	---	---	---	---
d) Reinforcing steel resisting flexural and axial forces in intermediate and special moment frames, and boundary elements and coupling beams of special structural walls of concrete and shear reinforcement.	X	---	ACI 318: 18.2.8, 25.5.7, 26.6.4, 26.13.1.4, 26.13.3.2, 26.13.3.3	
e) Shear reinforcement	X	---		
3. <input checked="" type="checkbox"/> Inspect anchors cast on concrete. a) Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads. b) Mechanical anchors and adhesive anchors not defined in 4.a.	X	---	ACI 318: 17.8.2.4, 26.2, 26.13.1, 26.13.3.2 ACI 318: 17.8.2, 26.7.2, 26.8.2, 26.13.1, 26.13.3.3	1705A.3.1, 1903A.8
4. <input type="checkbox"/> Inspect and test anchors post-installed in hardened concrete members. a) Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads. b) Mechanical anchors and adhesive anchors not defined in 4.a.	X	---	ACI 318: 17.8.2.4, 26.2, 26.13.1, 26.13.3.2 ACI 318: 17.8.2, 26.7.2, 26.8.2, 26.13.1, 26.13.3.3	1903A.5, 1903A.6, 1903A.7, 1904A.1, 1904A.2, 1910A.1, [OSHPD 1 & 4] 1908A.1, [DSA-SS/CC] 1909.2.1, 1909.2.2, 1909.2.3
5. <input checked="" type="checkbox"/> Verifying use of required design mix.	---	X		

VERIFICATION AND INSPECTION	C	P	REFERENCED STANDARD	CBC REFERENCE
<b>INSPECTION OF FABRICATORS</b>				
4. Material identification of welding consumables and testing of welded elements: <input checked="" type="checkbox"/> Identification marking to conform to AWS specification in the approved construction documents.	---	X	AISC 360, Section A3.5 & N3.2 and applicable AWS A5 documents	
<input type="checkbox"/> Manufacturer's certificate of compliance required.	---	X	AISC 360: N3.2	
<input type="checkbox"/> Nondestructive testing of welded joints.	---	---	AISC 360: N5.5	
<b>INSPECTION OF STEEL</b>				
1. Material verification of high-strength bolts, nuts and washers: <input type="checkbox"/> Identification marking to conform to ASTM standards specified in the approved construction documents.	---	X	RCS: 1.5, AISC 360: A3.9, A3.1 and applicable ASTM material standards	2202A.1, [DSA-SS/CC] 2202.1
<input type="checkbox"/> Manufacturer's certificate of compliance required.	---	X	RCS: 1.5 & 2.1; AISC 360: A3.3 & N3.2	
<input type="checkbox"/> Testing of high-strength bolts, nuts and washers.	---	---	RCS: 7.2, Applicable ASTM material standards	1705A.2.6, [OSHPD 1 & 4] 2213A.1
2. Inspection of high-strength bolting: <input type="checkbox"/> Snug-tight joints.	---	X		
<input type="checkbox"/> Pretensioned and slip-critical joints using turn-of-nut with matching, twist-off or direct tension indicator methods of installation.	---	X	RCS: 7.9, AISC 360: B.1, B.2, M3.8 & N3.6	1705A.2.6, 220A.2, [DSA-SS/CC] 2204.2
<input type="checkbox"/> Pretensioned and slip-critical joints using turn-of-nut without matching or calibrated wrench methods of installation.	X	---		
3. Material identification and testing of structural steel and cold-formed steel deck: <input type="checkbox"/> For structural steel, identification markings to conform to AISC 360.	---	X	AISC 360, Section A3.1	2202A.1, [DSA-SS/CC] 2202.1
<input type="checkbox"/> For other steel, identification markings to conform to ASTM standards specified in the approved construction documents.	---	X	Applicable ASTM material standards	2202A.1, [DSA-SS/CC] 2202.1
<input type="checkbox"/> Manufacturer's certified test reports.	---	X	AISC 360: A3.1 & N3.2	
<input type="checkbox"/> Testing of unidentified steel.	---	---	Applicable AWS material standards	2202A.1, [DSA-SS/CC] 2202.1

VERIFICATION AND INSPECTION	C	P	REFERENCED STANDARD	CBC REFERENCE
<b>INSPECTION OF FABRICATORS</b>				
1. Installation of open-web steel joist and joist girders. a) End connections - welding or bolted. b) Bridging - horizontal or diagonal	---	X	SJI specifications listed in section 2207.1	
Standard bridging	---	X	SJI specifications listed in section 2207.1	
Bridging that differs from the SJI specification listed in Section 2207.1	---	X		

VERIFICATION AND INSPECTION	C	P	REFERENCED STANDARD	CBC REFERENCE
<b>INSPECTION OF FABRICATORS</b>				
1. <input checked="" type="checkbox"/> Inspect fabricator's fabrication and quality control procedures.	---	---		1704.2.5, 1704.2.5.1
<b>INSPECTION OF STEEL</b>				
1. Material verification of high-strength bolts, nuts and washers: <input type="checkbox"/> Identification marking to conform to ASTM standards specified in the approved construction documents.	---	X	RCS: 1.5, AISC 360: A3.9, A3.1 and applicable ASTM material standards	2202A.1, [DSA-SS/CC] 2202.1
<input type="checkbox"/> Manufacturer's certificate of compliance required.	---	X	RCS: 1.5 & 2.1; AISC 360: A3.3 & N3.2	
<input type="checkbox"/> Testing of high-strength bolts, nuts and washers.	---	---	RCS: 7.2, Applicable ASTM material standards	1705A.2.6, [OSHPD 1 & 4] 2213A.1
2. Inspection of high-strength bolting: <input type="checkbox"/> Snug-tight joints.	---	X		
<input type="checkbox"/> Pretensioned and slip-critical joints using turn-of-nut with matching, twist-off or direct tension indicator methods of installation.	---	X	RCS: 7.9, AISC 360: B.1, B.2, M3.8 & N3.6	1705A.2.6, 220A.2, [DSA-SS/CC] 2204.2
<input type="checkbox"/> Pretensioned and slip-critical joints using turn-of-nut without matching or calibrated wrench methods of installation.	X	---		
3. Material identification and testing of structural steel and cold-formed steel deck: <input type="checkbox"/> For structural steel, identification markings to conform to AISC 360.	---	X	AISC 360, Section A3.1	2202A.1, [DSA-SS/CC] 2202.1
<input type="checkbox"/> For other steel, identification markings to conform to ASTM standards specified in the approved construction documents.	---	X	Applicable ASTM material standards	2202A.1, [DSA-SS/CC] 2202.1
<input type="checkbox"/> Manufacturer's certified test reports.	---	X	AISC 360: A3.1 & N3.2	
<input type="checkbox"/> Testing of unidentified steel.	---	---	Applicable AWS material standards	2202A.1, [DSA-SS/CC] 2202.1

**STATEMENT OF SPECIAL INSPECTIONS, 2022 CBC**

This "STATEMENT OF SPECIAL INSPECTIONS" is submitted in fulfillment of the requirements of CBC Sections 1704 and 1705. This form is structured after and used by permission from the Structural Engineer Association of Northern California (SEAONC) model statement of Special Inspections.

The Schedule of Special Inspections summarizes the Special Inspections and tests required. Special Inspectors will refer to the approved plans and specifications for detailed special inspection requirements. Any additional tests and inspections required by the approved plans and specifications shall also be performed.

Special Inspections and Testing will be performed in accordance with the approved plans and specifications, this statement and CBC Sections 1704, 1705, 1706, 1707, and 1708 (only not 1709 as well?), interim reports will be submitted to the Building Official and the Registered Design Professional in Responsible Charge in accordance with CBC Section 1704A.2.4.

A Final Report of Special Inspections documenting required Special Inspections, testing and correction of any discrepancies noted in the inspections shall be submitted prior to issuance of a Certificate of Use and Occupancy (Section 1704.2.4). The Final Report will document:  
 • Required special inspections.  
 • Correction of discrepancies noted in inspections.

The Owner recognizes his or her obligation to ensure that the construction complies with the approved permit documents and to implement this program of special inspections. In partial fulfillment of these obligations, the Owner will retain and directly pay for the Special Inspections as required in CBC Section 1704.6.

This plan has been developed with the understanding that the Building Official will:  
 • Review and approve the qualifications of the Special Inspectors who will perform the inspections.  
 • Monitor special inspection activities on the job site to assure that the Special Inspectors are qualified and are performing their duties as called for in the Statement of Special Inspections.  
 • Review submitted inspection reports.  
 • Perform inspections as required by the local building code.

**CONTRACTORS RESPONSIBILITIES** (Section 1704.4): Each contractor responsible for the construction of a main wind - or seismic-force-resisting system, designated seismic system or a wind - or seismic-resisting component listed in the statement of special inspections acknowledges:  
 1) Awareness of the special requirements contained in the statement of special inspections.  
 2) Control will be exercised to obtain conformance with the construction documents approved by the Chief Building Official.  
 3) Procedures for exercising control within the contractor's organization, the method and frequency of reporting and the distribution of the reports.

**SEISMIC REQUIREMENTS (Section 1705.13)**

Description of seismic-force-resisting system and designated seismic systems subject to special inspections as per Section 1705.13.

**1705.13.2 Structural Wood:**  
 Periodic special inspection shall be required for 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.  
 The extent of the seismic-force-resisting system is defined in more detail in the construction documents.

**WIND REQUIREMENTS (Section 1705.12)**

Description of main wind-force-resisting system and designated wind resisting components subject to special inspections in accordance with Section 1705.12.

**1705.12.1 Structural Wood:**  
 Continuous special inspection is required during field gluing operations of elements of the main windforce-resisting system. Periodic special inspection is required for nailing, bolting, anchoring and other fastening of elements of the main windforce-resisting system, including wood shear walls, wood diaphragms, drag struts, braces and hold-downs.  
 The extent of the main wind-force-resisting system and wind resisting components is defined in more detail in the construction documents.

VERIFICATION AND INSPECTION	C	P	REFERENCED STANDARD	CBC REFERENCE
<b>INSPECTION OF WOOD</b>				
1. <input checked="" type="checkbox"/> Inspect prefabricated wood structural elements and assemblies in accordance with Section 1704.2.5.	---	---		1705.5
2. <input checked="" type="checkbox"/> Inspect site built assemblies.	---	---		
3. <input type="checkbox"/> Inspect high-load diaphragms: <input type="checkbox"/> Verify grade and thickness of sheathing. <input type="checkbox"/> Verify nominal size of framing members at adjoining panel edges. <input type="checkbox"/> Verify nail or staple diameter and length. <input type="checkbox"/> Verify number of fastener lines. <input type="checkbox"/> Verify spacing between fasteners in each line and at edge margins.	---	---		1705A.5.1
4. <input type="checkbox"/> Metal-plate-connected wood trusses spanning 60 feet or greater: Verify temporary installation restraint, bracing and the permanent individual truss member bracing are installed in accordance with the approved truss submittal package.	---	X		1705A.5.2
5. <input type="checkbox"/> Inspect of wood structural elements and assemblies.	---	---		1705A.5.4
6. <input type="checkbox"/> Inspect of structural glued laminated and cross-laminated timber.	X	---		1705A.5.5
7. <input type="checkbox"/> Inspect of open web trusses	X	---		1705A.5.6
8. <input type="checkbox"/> Inspect of installation of split-ring, shear plate timber connections, and timber rivets.	X	---		1705A.5.7
<b>INSPECTION OF MASS TIMBER</b>				
1. <input type="checkbox"/> Inspect of anchorage and connection of mass timber construction to timber deep foundation systems.	---	X		Table 1705A.5.3
2. <input type="checkbox"/> Inspect erection of mass timber construction.	---	X		
3. <input type="checkbox"/> Inspection of connections where installation methods are required to meet design loads. 3.1 <input type="checkbox"/> Threaded fasteners. 3.1.1 <input type="checkbox"/> Verify use of proper installation equipment. 3.1.2 <input type="checkbox"/> Verify use of pre-drilled holes where required. 3.1.3 <input type="checkbox"/> Inspect screws, including diameter, length, head type, spacing, installation angle and depth. 3.2 <input type="checkbox"/> Adhesive anchors installed in horizontal or upwardly inclined orientation to resist sustained tension loads. 3.3 <input type="checkbox"/> Adhesive anchors not defined in 3.2. 3.4 <input type="checkbox"/> Bolted Connections. 3.5 <input type="checkbox"/> Concealed Connections	---	---		

VERIFICATION AND INSPECTION	C	P	REFERENCED STANDARD	CBC REFERENCE
<b>REQUIRED VERIFICATION AND INSPECTION OF SOIL</b>				
1. <input checked="" type="checkbox"/> Verify materials below shallow foundations are adequate to achieve the desired bearing capacity.	---	X		
2. <input checked="" type="checkbox"/> Verify excavations are extended to proper depth and have reached proper material.	---	X		
3. <input checked="" type="checkbox"/> Perform classification and testing of compacted fill materials.	---	X		Table 1705A.6
4. <input checked="" type="checkbox"/> 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. <input checked="" type="checkbox"/> Prior to placement of compacted fill, inspect subgrade and verify that site has been prepared properly.	---	X		
<b>REQUIRED VERIFICATION AND INSPECTION OF DEEP DRIVEN FOUNDATION ELEMENTS</b>				
1. <input type="checkbox"/> Verify element materials, sizes and lengths comply with requirements.	X	---		
2. <input type="checkbox"/> Determine capacities of test elements and conduct additional load tests, as required.	---	---		
3. <input type="checkbox"/> Inspect diving operations and maintain complete and accurate records for each element.	X	---		Table 1705A.7
4. <input type="checkbox"/> 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. <input type="checkbox"/> For steel elements, perform additional special inspections in accordance with Section 1705A.2.	---	---		In accordance with Section 1705A.2
6. <input type="checkbox"/> For concrete elements and concrete filled elements, perform test and additional special inspections in accordance with Section 1705A.3.	---	---		In accordance with Section 1705A.3
7. <input type="checkbox"/> For specialty elements perform additional inspections as determined by the registered design professional in responsible charge.	---	---		In accordance with Statement of Special Inspection.

VERIFICATION AND INSPECTION	C	P	REFERENCED STANDARD	CBC REFERENCE
<b>REQUIRED VERIFICATION AND INSPECTION OF CAST-IN-PLACE DEEP FOUNDATION ELEMENTS</b>				
1. <input type="checkbox"/> Inspect drilling operations and maintain complete and accurate records for each element.	X	---		
2. <input type="checkbox"/> Verify placement locations and plumbness, confirm element diameters, bell diameters (if applicable), lengths, embedment into bedrock (if applicable), and adequate end-bearing stress capacity. Record concrete or grout volumes.	X	---		Table 1705A.8
3. <input type="checkbox"/> For concrete elements, perform tests and additional special inspections in accordance with Section 1705A.3.	---	---		
<b>HELICAL PILE FOUNDATIONS</b>				
1. <input type="checkbox"/> Record installation equipment used, pile dimensions, tip elevations, final depth, final installation torque and other pertinent installation data as required by the registered design professional in responsible charge.	X	---		1705A.9
<b>SPRAYED FIRE-RESISTANT MATERIALS</b>				
Physical and visual tests				
1. Condition of substrates. <input type="checkbox"/> Inspect surface for accordance with the approved fire-resistance design and the approved manufacturer's written instructions.	---	---		
<input type="checkbox"/> Verify minimum ambient temperature before and after application.	---	X		
<input type="checkbox"/> Verify ventilation of area during and after application.	---	X		
2. <input type="checkbox"/> Measure average thickness per ASTM E605 and Section 1705.14.4	---	---		1705A.15
3. <input type="checkbox"/> Verify density of material for conformance with the approved fire-resistant design and ASTM E605, (Ref. Section 1705.14.5)	---	---		
4. <input type="checkbox"/> Test cohesive/adhesive bond strength per Section 1705.14.6	---	---		
5. <input type="checkbox"/> Condition of finished application.	---	---		
<b>MISCELLANEOUS</b>				
1. Mastic and Intumescent Fire-Resistant Coating.	---	---		1705a.15
2. Exterior Insulation and Finish Systems (EIFS). Water-resistive barrier coating when installed over a sheathing substrate.	---	---		1705a.16
3. Alternate Test Procedure	---	---		1707a
4. Smoke Control System	---	---		1705a.18

VERIFICATION AND INSPECTION	C	P	REFERENCED STANDARD	CBC REFERENCE
<b>SPECIAL INSPECTION FOR WIND REQUIREMENTS</b>				
1. <input type="checkbox"/> Structural Wood <input type="checkbox"/> Inspect field gluing operations of elements of the main wind-force-resisting system. <input type="checkbox"/> Inspect nailing, bolting, anchoring and other fastening of components within the main wind-force-resisting system, including wood shear walls, wood diaphragms, drag struts, braces and hold-downs.	X	---		1705.12.1
2. <input type="checkbox"/> Cold-Formed Steel Framing <input type="checkbox"/> Welding of elements of the main wind-force-resisting system. <input type="checkbox"/> Inspection of screw attachments, bolting, anchoring, and other fastening of components within the main wind-force-resisting system including shear walls, braces, diaphragms, collectors (drag struts) and hold-downs.	---	X		1705.12.2
3. <input type="checkbox"/> Wind-resisting components <input type="checkbox"/> Roof covering, roof deck and roof framing connections. <input type="checkbox"/> Exterior wall covering and wall connections to roof and floor diaphragms and framing.	---	X		1705.12.3
<b>SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE</b>				
1. <input type="checkbox"/> Special inspection of structural steel in the seismic force-resisting systems in buildings and structures assigned to Seismic Design Category B, C, D, E or F shall be performed in accordance with the quality assurance requirements of ASC 341, including struts, collectors, chords and foundation elements.	X	---		1705.13.1.1, 1705.13.1.2
2. <input type="checkbox"/> Structural Wood <input checked="" type="checkbox"/> Inspect field gluing operations of elements of the seismic force-resisting system. <input type="checkbox"/> Inspect nailing, bolting, anchoring, and other fastening of components within the seismic force-resisting system, including wood shear walls, wood diaphragms, drag struts, braces, shear panels and hold-downs.	X	---		1705.13.2
3. <input type="checkbox"/> Cold-Formed Steel Light-Framed Construction <input type="checkbox"/> Welding of elements of the seismic-force-resisting system. <input type="checkbox"/> Inspection of screw attachments, 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		1705.13.3
5. <				