

5. SCHEDULE OF SPECIAL INSPECTION SERVICES

MATERIAL / ACTIVITY	SCOPE OF SERVICE	NAME OF INSPECTOR	PRIOR APPROVAL	
			YES	NO*
1704.2 Inspection of Fabricators				
<u>Metal Building Fabrication</u> : Verify Fabrication/Quality Control Procedures				
<u>Pre-Cast Concrete Fabrication</u> : Verify Fabrication/Quality Control Procedures				
<u>Prefabricated Trusses</u> : Verify Fabrication/Quality Control Procedures				
<u>Steel Bar Joist Fabrication</u> : Verify Fabrication/Quality Control Procedures				
<u>Structural Steel Fabrication</u> : Verify Fabrication/Quality Control Procedures				
1704.3 Steel Construction				
High Strength Bolts, Nuts, and Washers				
Inspection of High-Strength Bolting				
Structural Steel				
Reinforcing Steel Welding				
Inspection of steel frame joint details for compliance with approved construction documents				
1707.2 Structural Steel (Seismic)				

*If not on approved list, attach application information. See Special Inspector Application Form.

MATERIAL / ACTIVITY	SCOPE OF SERVICE	NAME OF INSPECTOR	PRIOR APPROVAL	
			YES	NO*
Continuous inspection of structural welding in accordance with AISC Seismic Provisions				
1708.4 Structural Steel (Seismic)				
Ultrasonically test for discontinuities behind and adjacent to welds with base metal thicker than 1.5 inches where subject to through-thickness weld shrinkage strains				
1704.3 Steel Construction				
High Strength Bolts, Nuts, and Washers				
Inspection of High-Strength Bolting				
Structural Steel				
Weld Filler Materials				
Structural Steel Welding				
Reinforcing Steel Welding				
Inspection of steel frame joint details for compliance with approved construction documents				
1707.2 Structural Steel (Seismic)				
Continuous inspection of structural welding in accordance with AISC Seismic Provisions				

*If not on approved list, attach application information. See Special Inspector Application Form.

MATERIAL / ACTIVITY	SCOPE OF SERVICE	NAME OF INSPECTOR	PRIOR APPROVAL	
			YES	NO*
1708.4 Structural Steel (Seismic)				
Ultrasonically test for discontinuities behind and adjacent to welds with base metal thicker than 1.5 inches where subject to through-thickness weld shrinkage strains				
1704.4 Concrete Construction				
Inspection of Reinforcing Steel installation				
Inspection of prestressing steel installation				
Prestressed concrete force application				
Inspection of cast-in-place bolts				
Verification of required design mix				
Fresh Concrete Sampling				
Concrete Placement				
Concrete Curing Operations				
Erection of Pre-Cast Concrete				
Evaluation of Concrete Strength				
Verification of 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				

*If not on approved list, attach application information. See Special Inspector Application Form.

MATERIAL / ACTIVITY	SCOPE OF SERVICE	NAME OF INSPECTOR	PRIOR APPROVAL	
			YES	NO*
1708.3 Reinforcing and Prestressing Steel (Seismic)				
Review Certified Mill Test Reports				
Verify Reinforcing Steel Weldability				
1704.5 Masonry Construction				
Verify proportions of site prepared mortar and grout				
Verify construction of mortar joints				
Verify location of reinforcement and connectors				
Verify size and location of structural masonry elements				
Verify type, size, and location of anchors, including details of anchorage of masonry to structural members, frames, or other construction				
Verify size, grade, and type of reinforcement				
Verify welding of reinforcing bars				
Verify protection of masonry during hot/cold weather				
Verify grout space is clean prior to grouting				
Verify grout placement complies with				

*If not on approved list, attach application information. See Special Inspector Application Form.

MATERIAL / ACTIVITY	SCOPE OF SERVICE	NAME OF INSPECTOR	PRIOR APPROVAL	
			YES	NO*
code and construction document provisions				
Observe preparation of group specimens, mortar specimens, and/or prisms				
1708.1 Masonry (Seismic)				
Certificates of compliance used in masonry construction				
Verification of <i>f'm</i> prior to construction				
Verification of <i>f'm</i> every 5,000 SF during construction				
1704.6 Wood Construction				
Inspection of Pre-fabricated Wood structural elements				
Inspection of High Load Diaphragms. Table 2306.3.2				
1707.3 Structural Wood (Seismic)				
Continuous inspection of field gluing operations of elements of seismic-force resisting system				
1704.7 Soils				
Verify site preparation complies with approved soils report				

*If not on approved list, attach application information. See Special Inspector Application Form.

MATERIAL / ACTIVITY	SCOPE OF SERVICE	NAME OF INSPECTOR	PRIOR APPROVAL	
			YES	NO*
Verify placement and compaction of fill materials complies with approved soils report				
Verify dry-density of compacted fill complies with approved soils report				
1704.8 Pile Foundations				
Observe installation of pile foundations				
Observe pile foundation load tests				
1704.9 Pier Foundations				
Observe installation of pier foundations				
1707.4 Cold-Formed Steel Framing (Seismic)				
Periodic inspection during welding operations of elements of the seismic-force-resisting system				
Periodic inspections for screw attachment, bolting, anchoring and other fastening of components within the seismic-force-resisting system				
1704.10 Wall Panels/Veneers				
Observe installation of exterior and interior architectural wall panels				
Observe anchoring of veneers to the building structure				
1704.11 Sprayed Fire-Resistant Materials				

*If not on approved list, attach application information. See Special Inspector Application Form.

MATERIAL / ACTIVITY	SCOPE OF SERVICE	NAME OF INSPECTOR	PRIOR APPROVAL	
			YES	NO*
Verify surface condition preparation of structural members				
Verify average thickness applied to structural members				
Verify density with approved fire resistant design				
Verify the cured cohesive/adhesive bond strength				
1704.12 Exterior Insulation and Finish Systems (EIFS)				
Inspect EIFS applications				
1704.14 Smoke Control Systems				
Test Smoke Control Systems				
1704.13 Special Cases				
Work unusual in nature, including but not limited to alternative construction materials, unusual design applications, systems or materials with special manufacturer requirements.				
1707.5 Storage Racks and Access Floors (Seismic)				
Periodic inspection during the anchorage of access and storage racks 8 feet or greater in height				

*If not on approved list, attach application information. See Special Inspector Application Form.

MATERIAL / ACTIVITY	SCOPE OF SERVICE	NAME OF INSPECTOR	PRIOR APPROVAL	
			YES	NO*
1707.6 Architectural Components (Seismic)				
Periodic inspection during the erection and fastening of exterior cladding				
Periodic inspection during the erection and fastening of non-load bearing walls				
1707.7 Mechanical and Electrical Components (Seismic)				
Periodic inspection during the anchorage of electrical equipment for emergency or standby power systems				
Periodic inspection during installation of piping systems intended to carry flammable, combustible, or highly toxic contents and their associated mechanical units				
Periodic inspection during the installation of HVAC ductwork that will contain hazardous materials				
1708.5 Mechanical and Electrical Equipment				
Submit certificate of compliance for designated seismic system components				
1709 Structural Observations (Seismic D, E. or F)				
Observe compliance with structural drawings				

*If not on approved list, attach application information. See Special Inspector Application Form.

MATERIAL / ACTIVITY	SCOPE OF SERVICE	NAME OF INSPECTOR	PRIOR APPROVAL	
			YES	NO*

*If not on approved list, attach application information. See Special Inspector Application Form.