

SCHEDULE OF SPECIAL INSPECTIONS

MATERIAL/ACTIVITY	TYPE OF INSPECTION	APPLICABLE TO THIS PROJECT			
		Y/C/P/N	EXTENT/REFERENCE	AGENT	COMPLETED
GENERAL					
Pre-construction conference	Meeting with parties listed in Section 6 of HRRSIGP to discuss Special Inspection procedures	Y	Scheduled by SI with the Contractor prior to commencement of work	1 and 2	
EARTHWORK					
Site preparation (building)	Field testing and inspection	P	Field Review; IBC 1704.7	2	
Fill material (building)	Review submittals, field testing and inspection	P	Field Review; IBC 1704.7	2	
Fill compaction (building)	In-place density tests	C	Field Review; IBC 1704.7	2	
Foundation sub-grade	Field inspection of foundation subgrade prior to placement of concrete	P	Field Review; IBC 1704.7	2	
DEEP FOUNDATION ELEMENTS					
Materials	Review product, sizes, and lengths	C	IBC 1704.8, .9 or .10	1	
Test piles	Monitor driving of test piles	C	IBC 1704.8, .9 or .10	2	
Installation	Monitor drilling, placement, driving of piles, including cut off and tip elevation	C	IBC 1704.8, .9 or .10	2	
Load test	Monitor pile load test	C	IBC 1704.8, .9 or .10	2	
CONCRETE					
Materials	Review product supplied versus certificates of compliance and mix design	P	Submittal & Field Review; IBC 1704.4.1; ACI 318: Ch. 4 and 5; IBC 1904.2.2, 1913.2, 1913.3	1	
Installation of reinforcing steel, including prestress tendons and anchor bolts as well as welding	Field inspection of placement	C	Field Review; ACI 318:3.5, 3.5.2 & Ch. 7; AWS D1.4; IBC 1704.4, 1911.5, 1913.4	1	
Formwork installation	Field inspection	P	Field Review; ACI 318: 6.1.1; IBC 1704.4	1	
Concreting operations and placement	Field inspection of placement/sampling	C	Field Review; ACI 318: 5.6, 5.8, 5.9-10; ASTM C 172, C 31; IBC 1704.4, 1913.6, 1913.7, 1913.8, 1913.10	2	
Concrete curing	Field inspection of curing process	P	Field Review; ACI 318: 5.11-13; IBC 1704.4, 1913.9	1 and 2	
Concrete strength	Evaluation of concrete strength	P	Laboratory Testing; ACI 318: 6.2; IBC 1704.4	2	
Application of forces for prestressed concrete	Field inspection	P	Field Review; ACI 318: 18.20	1	
Grouting of prestress tendons	Field inspection	C	Field Review; ACI 318: 18.18.4	2	

MATERIAL/ACTIVITY	TYPE OF INSPECTION	APPLICABLE TO THIS PROJECT			
		Y/C/P/N	EXTENT/REFERENCE	AGENT	COMPLETED
PRECAST CONCRETE					
Verify fabrication/quality control procedures	In-plant inspection of fabrication/quality control procedures**	Y	IBC 1704.2	1	
Erection and installation	Review submittals and as-built assemblies; Field inspection of in-place precast	P	ACI 318; Ch. 16; IBC Table 1704.4	1	
MASONRY (Level ____; Based on Occupancy Category __)					
Materials	Review of products supplied versus certificate of compliance and material submitted	P	Submittal & Field Review; ACI 530.1; ASCE 6; TMS 602; IBC 1704.5, 1708	1	
Strength	Testing/review of strength	P	Submittal & Field Review; ACI 530.1; ASCE 6; TMS 602; IBC 1704.5, 2105.2.2, 2105.3	2	
Mortar and Grout	Inspection of proportioning and mixing. Placement of mortar only.	P	Field Review; IBC 1704.5, ACI 530.1; ASCE 6; TMS 602	2	
Grout placement, including prestressing grout	Verification to ensure compliance	C	Field Review; IBC 1704.5, ACI 530.1; ASCE 6; TMS 602	2	
Grout space	Verification to ensure compliance	P	Field Review; IBC 1704.5, ACI 530.1; ASCE 6; TMS 602	2	
Mortar, grout, and prism specimens	Observe Preparation	P	Field Review; IBC 1704.5, ACI 530.1; ASCE 6; TMS 602	2	
Reinforcement, prestressing tendons, and connections	Inspect condition, size, location, and spacing	C	Field Review; IBC 1704.5; ACI 530.1; ASCE 5; ASCE 6; TMS 402, 602	1	
Welding of reinforcing bars	Inspection and testing of welds	C	Field Review; IBC 1704.5, ACI 530.1; ASCE 5; TMS 402	2	
Prestressing force	Verify application and measurement	C	Field Review; IBC 1704.5, ACI 530.1; ASCE 6; TMS 602	1	
Protection	Inspect procedures for protection during cold and hot weather	P	Field Review; IBC 1704.5, 2104.3, 2104.4; ACI 530.1; ASCE 6; TMS 602	1 and 2	
Anchorage	Inspection of anchorages	C	Field Review; ACI 530.1; ASCE 5, ASCE 6; TMS 402; TMS 602; IBC 1704.5	1	
Masonry installation	Inspection of placement of masonry and joints	P	Field Review; ACI 530.1; ASCE 6; TMS 602; IBC 1704.5	1 and 2	
STRUCTURAL STEEL					
Verify fabrication/quality control procedures	In-plant inspection of fabrication/quality control procedures**	Y	IBC 1704.2	1	
Bolts, nuts, and washers – materials	Material identification markings Review of certificate of compliance	P	Submittal & Field Review; IBC 1704.3; ASTM; AISC 360, Section A3.3	1	
Bolts, nuts, washers – installation	Inspection of in-place high-strength bolts, snug-tight joints, pre-tensioned and bearing type, and slip critical connections	P	Submittal & Field Review; IBC 1704.3.3, AISC 360 Section M2.5	1 or 2	

MATERIAL/ACTIVITY	TYPE OF INSPECTION	APPLICABLE TO THIS PROJECT			
		Y/C/P/N	EXTENT/REFERENCE	AGENT	COMPLETED
Structural steel – materials	Material identification markings and review of Certificate of Compliance	Y	Submittal & Field Review; IBC 1704.3, 1708.4, ASTM A6, A568	1	
Structural steel details – installation	Inspection of member locations, structural details for bracing, connections, stiffening	P	Submittal & Field Review; IBC 1704.3.2	1	
Weld filler materials and welder certification	Review of identification markings, certificate of compliance, and welder certifications	Y	Submittal & Field Review; AISC 360 A3.5	1	
Welds	Inspection and testing of welds	C	Field Review; IBC 1704.3.1; AWS D1.1, D1.3	2	
Cold-formed steel trusses spanning 60' or greater	Inspection of temporary and permanent restraints/bracing	P	Field review 1704.3.4	1	
WOOD					
Verify fabrication/quality control procedures	In-plant inspection of fabrication/quality control procedures**	Y	IBC 1704.2, 1704.6	2	
Metal plate connected wood/metal trusses spanning 60' or more	Approved bracing with submittal	Y/N	IBC 1704.6.2	2	
High-Load Diaphragms- Installation	Review submittal and as-built assemblies; Inspection of sheathing, framing size, nail and staple diameter and length, number of fastener lines, and fastener spacing.	C	IBC 1704.1, 1704.6.1	1	
SPRAYED CEMENTITIOUS AND MINERAL FIBER FIRE RESISTIVE MATERIAL					
Structural member surface conditions	Field Review of surface conditions prior to application	P	AWCI 12-B; IBC 1704.12	2	
Application/thickness	Field review of application operations and thickness	P	ASTM E605, AWCI 12-B; IBC 1704.12	2	
Mastic & Intumescent Fire Resistant Coating	Field review of application operations and thickness		AWCI 12-B; IBC 1704.13	2	
EXTERIOR INSULATION AND FINISH SYSTEMS					
Application	Field Review of application/installation	Y	ASTM E2570, IBC 1704.14	2	
SPECIAL CASES					
Alternative Materials and Systems	As requested by Building Official, review system and installation	P	IBC 1704.15	1 or 2 or 3	

MAIN WIND FORCE RESISTING SYSTEM					
Wind requirements	Review of the system components and installation	P	IBC 1609.1.2, 1705.4, 1705.4.1, 1705.4.2, 1710	1	
SEISMIC FORCE RESISTING SYSTEMS					
Seismic requirements	Review of the designated seismic systems and seismic force resistance systems	P	IBC 1613, 1705.3, 1705.3.1, 1707, 1708, 1710.2; ASCE 7	1	
SMOKE CONTROL					
Special Inspection of smoke control systems	Leakage testing and recording of device location, pressure difference testing, flow measurement and detection, and control verification	Y	IBC 1704.16, 1704.16.1, 1704.16.2	3	
INSPECTION AGENTS	FIRM	ADDRESS		TELEPHONE	
1. Special Inspector:					
2. Materials and Testing Laboratory:					
3. Special Inspector Smoke Control System:					
4. (Additional Agents?)					

Note: * The Qualifications of the Special Inspector and Testing Laboratories are subject to the Approval of the Building Official.

** Inspection of quality control procedures required only if fabricator is not regularly inspected by an independent inspection agency.

FINAL REPORT OF SPECIAL INSPECTIONS

PROJECT

PERMIT APPLICANT

PRIMARY RDP OF RECORD

STRUCTURAL ENGINEER OF RECORD

To the best of my information, knowledge, and belief, the special inspections required for this project, and itemized in the Statement of Special Inspections submitted for permit, have been completed. Attached to this final report are the Certificates of Compliance for shop fabricated load bearing members and assemblies. (Include this statement only if applicable).

The following discrepancies that were outstanding since the last interim report dated _____, have been corrected:

Interim reports submitted prior to this final report, and numbered _____ to _____, form a basis for, and are to be considered an integral part of this final report.

Respectfully submitted,

Signature

Date

Type or Print Name (**Agent 1**)

Seal of SI

Upon completion of all special inspections and testing, the SI shall submit a Final Report of Special Inspections to Building Official for review and approval. The Building Official review and approval is required prior to final building inspection approval or issuance of a Certificate of Occupancy.