

SCHEDULE OF SPECIAL INSPECTION SERVICES

Per IBC Section 1704 of the 2015 International Building Code the following items require Special Inspections. **Special inspectors must be employed by the Owner or registered design professional in responsible charge acting as the owner's agent.**

PROJECT ADDRESS	4TH and Ramsey Garage	PERMIT NO.		
MATERIAL / ACTIVITY	SERVICE	APPLICABLE TO THIS PROJECT		
		Y/N	EXTENT	AGENT*
1704.2.5 Inspection of Fabricators				
Verify fabrication/quality control procedures	In-plant review (3)	N	Periodic	
1705.1.1 Special Cases (work unusual in nature, including but not limited to alternative materials and systems, unusual design applications, materials and systems with special manufacturer's requirements)	Submittal review, shop (3) and/or field inspection	N		
1705.2 Steel Construction		N		
1705.2.2 Steel Construction Other Than Structural Steel		N		
1705.3 Concrete Construction				
1. Inspection of reinforcing steel installation (see 1705.2.2 for welding)	Shop (3) and field inspection	Y	Periodic.	
2. Inspection of prestressing steel installation	Shop (3) and field inspection	N	Periodic	
3. Inspection of anchors cast in concrete where allowable loads have been increased per section 1908.5 or where strength design is used	Shop (3) and field inspection	N	Continuous	
4. Inspection of anchors and reinforcing steel post-installed in hardened concrete: Per research reports including verification of anchor type, anchor dimensions, hole dimensions, hole cleaning procedures, anchor spacing, edge distances, concrete minimum thickness, anchor embedment and tightening torque	Field inspection	Y	Periodic or as required by the research report issued by an approved source	
5. Verify use of approved design mix	Shop (3) and field inspection	Y	Periodic	
6. Fresh concrete sampling, perform slump and air content tests and determine temperature of concrete	Shop (3) and field inspection	Y	Continuous	
7. Inspection of concrete and shotcrete placement for proper application techniques	Shop (3) and field inspection	Y	Continuous	
8. Inspection for maintenance of specified curing temperature and techniques	Shop (3) and field inspection	Y	Periodic	
9. Inspection of prestressed concrete:	Shop (3) and field inspection	Y		
a. Application of prestressing force		Y	Continuous	
b. Grouting of bonded prestressing tendons in the seismic-force-resisting system		Y	Continuous	
10. Erection of precast concrete members		Y		
a. Inspect in accordance with construction documents	Field inspection	Y	In accordance with construction documents	
b. Perform inspections of welding and bolting in accordance with Section 1705.2	Field inspection	Y	In accordance with Section 1705.2	

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11. 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	Review field testing and laboratory reports	Y	Periodic	
12. Inspection of formwork for shape, lines, location and dimensions	Field inspection	Y	Periodic	
13. Concrete strength testing and verification of compliance with construction documents	Field testing and review of laboratory reports	Y	Periodic	
1705.4 Masonry Construction				
(A) Level A, B and C Quality Assurance:				
1. Verify compliance with approved submittals	Field Inspection	N	Periodic	
(B) Level B Quality Assurance:				
1. Verification of f'm and f'_{AAC} prior to construction	Testing by unit strength method or prism test method	N	Periodic	
(C) Level C Quality Assurance:				
1. Verification of f'm and f'_{AAC} prior to construction and for every 5,000 SF during construction	Testing by unit strength method or prism test method	N	Periodic	
2. Verification of proportions of materials in premixed or preblended mortar, prestressing grout, and grout other than self-consolidating grout, as delivered to the project site	Field inspection	N	Continuous	
3. Verify placement of masonry units	Field Inspection	N	Periodic	
(D) Levels B and C Quality Assurance:				
1. Verification of Slump Flow and Visual Stability Index (VSI) of self-consolidating grout as delivered to the project	Field testing	N	Continuous	
2. Verify compliance with approved submittals	Field inspection	N	Periodic	
3. Verify proportions of site-mixed mortar, grout and prestressing grout for bonded tendons	Field Inspection	N	Periodic	
4. Verify grade, type, and size of reinforcement and anchor bolts, and prestressing tendons and anchorages	Field Inspection	N	Periodic	
5. Verify construction of mortar joints	Field Inspection	N	Periodic	
6. Verify placement of reinforcement, connectors, and prestressing tendons and anchorages	Field Inspection	N	Level B - Periodic	
		N	Level C - Continuous	
7. Verify grout space prior to grouting	Field Inspection	N	Level B - Periodic	
		N	Level C - Continuous	
8. Verify placement of grout and prestressing grout for bonded tendons	Field Inspection	N	Continuous	
9. Verify size and location of structural masonry elements	Field Inspection	N	Periodic	

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10. Verify type, size, and location of anchors, including details of anchorage of masonry to structural members, frames, or other construction.	Field inspection	N	Level B - Periodic	
		N	Level C - Continuous	
11. Verify welding of reinforcement (see 1705.2.2)	Field inspection	N	Continuous	
12. Verify preparation, construction, and protection of masonry during cold weather (temperature below 40°F) or hot weather (temperature above 90°F)	Field inspection	N	Periodic	
13. Verify application and measurement of prestressing force	Field Inspection	N	Continuous	
14. Verify placement of AAC masonry units and construction of thin-bed mortar joints (first 5000 SF of AAC masonry)	Field inspection	N	Continuous	
15. Verify placement of AAC masonry units and construction of thin-bed mortar joints (after the first 5000 SF of AAC masonry)	Field inspection	N	Level B - Periodic	
		N	Level C - Continuous	
16. Verify properties of thin-bed mortar for AAC masonry (first 5000 SF of AAC masonry)	Field inspection	N	Continuous	
17. Verify properties of thin-bed mortar for AAC masonry (after the first 5000 SF of AAC masonry)	Field inspection	N	Level B - Periodic	
		N	Level C - Continuous	
18. Prepare grout and mortar specimens	Field testing	N	Level B - Periodic	
		N	Level C - Continuous	
19. Observe preparation of prisms	Field inspection	N	Level B - Periodic	
		N	Level C - Continuous	
1705.5 Wood Construction		N		
1705.6 Soils		N		
1705.7 Driven Deep Foundations		N		
1705.8 Cast-in-Place Deep Foundations		N		
1705.9 Helical Pile Foundations		N		
1705.11.1 Structural Wood Special Inspections For Wind Resistance		N		
1705.10.2 Cold-formed Steel Special Inspections For Wind Resistance				
1705.11.3 Wind-resisting Components				
1705.12.1 Structural Steel Special Inspections for Seismic Resistance		N		

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1705.12.2 Structural Wood Special Inspections for Seismic Resistance		N		
1705.12.3 Cold-formed Steel Light-Frame Construction Special Inspections for Seismic Resistance		N		
1705.12.4 Designated Seismic Systems Verification		N		
1705.12.5 Architectural Components Special Inspections for Seismic Resistance		N		
1705.12.6 Mechanical and Electrical Components Special Inspections for Seismic Resistance		N		
1705.12.7 Storage Racks Special Inspections for Seismic Resistance (SDC D,E,F)		N		
1705.12.8 Seismic Isolation Systems (SDC B,C,D,E,F)		N		
Inspection during the fabrication and installation of isolator units and energy dissipation devices used as part of the seismic isolation system	Shop and field inspection	N	Periodic	
1705.12 Concrete Reinforcement Testing and Qualification for Seismic Resistance		N		
1705.13.2 Seismic Certification of Nonstructural Components				
Review certificate of compliance for designated seismic system components.	Certificate of compliance review	N	Each submittal	
1705.13.4 Seismic Isolation Systems				
1705.14 Sprayed Fire-resistant Materials				
1705.15 Mastic and Intumescent Fire-Resistant Coatings				
1705.16 Exterior Insulation and Finish Systems (EIFS)				
1705.17 Fire-Resistant Penetrations and Joints				
1705.18 Smoke Control Systems				
Additional Special Inspections required by Building and Site Development				
Accessible Route Certification		Y		
Exterior Lighting Certification		Y		
State Elevator Certification		N		
State Boiler Certification		N		
As-Built BMP required		N		

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-Special inspection reports are to be kept on the job for Building inspector Verification. Send reports bi-weekly to bsdsir@gocolumbiamo.com.

-All discrepancies must be brought to the immediate attention of the contractor for correction. If not corrected discrepancies must be brought to the immediate attention of the building official, and design professional in responsible charge before completion of that stage of work.

-A final special inspection report, from the special inspector(s), documenting the required special inspections were performed, correction of discrepancies, and compliance with construction documents shall be submitted before a Certificate of Occupancy is issued.

* INSPECTION AGENTS

FIRM	ADDRESS
1.	
2.	
3.	
4.	

Notes:

1. The inspection and testing agent(s) shall be engaged by the Owner or the Owner's Agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. Any conflict of interest must be disclosed to the Building Official prior to commencing work. The qualifications of the Special Inspector(s) and/or testing agencies may be subject to the approval of the Building Official and/or the Design Professional.
2. The list of Special Inspectors may be submitted as a separate document, if noted so above.
3. Special Inspections as required by Section 1704.2.5 are not required where the fabricator is approved in accordance with IBC Section 1704.2.5.2
4. Observe on a random basis, operations need not be delayed pending these inspections. Perform these tasks for each welded joint, bolted connection, or steel element.
5. NDT of welds completed in an approved fabricator's shop may be performed by that fabricator when approved by the AHJ. Refer to AISC 360, N7.

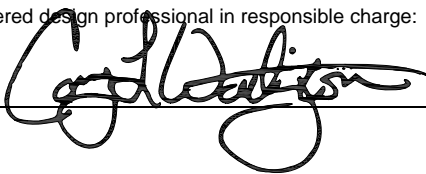
Are Requirements for Seismic Resistance included in the Statement of Special Inspections?

Yes No

Are Requirements for Wind Resistance included in the Statement of Special Inspections?

Yes No

Registered design professional in responsible charge:



DATE

7/6/17



TO BE POSTED ON THE JOB