

Permit Number: COMM21-00293-299	Project Address: 9811 West 58th Avenue, Arvada, CO	
Project Title: Morgan Ralston Creek		
Inspection Agency: Kumar and Associates, Inc	Phone: 303-742-9700	Email: shougard@kumarusa.com
Agency Contact: Scott Hougard	Phone: 303-742-9700	Email: shougard@kumarusa.com
Design Professional: Christopher J. Newhouse, P.E.	Phone: 713-779-7252	Email: cnewhouse@scaengineers.com
Staff Person Reviewing Submittal:	Phone:	Email:
Company:		Date:
Address:		
Comments:		

A pre-construction meeting is recommended for every project whose elements are subject to special inspections. This meeting can take place at any time either here within the City building or on the job site.

Check Required Special Inspections – Per IBC Section 1704:

- | | |
|--|---|
| <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Steel construction (1705.2) <input checked="" type="checkbox"/> Masonry construction (1705.4) <input checked="" type="checkbox"/> Soils/Site Conditions (1705.6) <input type="checkbox"/> Cast-in-place deep foundations (1705.8) <input type="checkbox"/> Fabricated items (1705.10) <input type="checkbox"/> Special inspections for seismic resistance (1705.12) <input type="checkbox"/> Sprayed fire-resistance materials (1705.14) <input type="checkbox"/> Exterior Insulation and Finish Systems (EIFS) (1705.16) <input type="checkbox"/> Testing for smoke control (1705.18) | <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Concrete construction (1705.3) <input checked="" type="checkbox"/> Wood construction (1705.5) <input type="checkbox"/> Driven deep foundations (1705.7) <input type="checkbox"/> Helical pile/pier foundations (1705.9) <input type="checkbox"/> Special inspections for wind resistance (1705.11) <input type="checkbox"/> Testing for seismic resistance (1705.13) <input checked="" type="checkbox"/> Mastic and intumescent fire-resistance (1705.15) <input checked="" type="checkbox"/> Fire-resistance penetrations and joints (1705.17) <input checked="" type="checkbox"/> Other inspections as required by the Design Professional or the Building Official (17051.1) |
|--|---|

In accordance to Section 1704 of the International Building Code (IBC), the owner, or the registered design professional in responsible charge acting as the owner's agent, is required to hire an independent testing/inspection agency to perform required special inspections.

The design professional shall complete the attached forms and submit them to the Building Official at the time construction plans are submitted for plan review. The special inspectors assigned to any project within the jurisdiction shall be identified by the design professional, and certified for the discipline assigned.

A. Owner Responsibilities

1. The owner or the design professional in responsible charge as the owner's agent shall fund special inspection services. The owner is responsible for seeing that these requirements are met.

B. Registered Design Professional Responsibilities

1. The registered design professional in responsible charge (engineer or architect), shall include special inspection requirements and specifications on the plans.
2. Provide structural observation per IBC 1704.6 requirements and specifications on the plans.
3. Prepare the Statement of Special Inspections in accordance with IBC section 1704.2.3 and identify Structural Testing for seismic resistance per IBC section 1705.13 (when required). The statement of special inspections shall identify items fabricated on the premises of an approved fabricator where special inspections are not required by section 1704.2.5.
4. Review the special inspection reports and provide corrective action for work that may not conform to the approved plans.

C. Contractor's Responsibilities

1. Notify the agency. The contractor is responsible for notifying the inspection agency in sufficient time for scheduling personnel to perform required inspections.
2. Written statement of responsibility.
3. Provide access to city approved plans. The approved plans shall be readily accessible at the job site.
4. Provide access to the work. The contractor shall provide reasonable access to all work requiring special inspection.
5. Retain special inspection reports at the job site. The contractor is also responsible for retaining at the job site all special inspection records submitted by the special inspector, and providing these records for review by the Building Division's inspector upon request.
6. Provide a copy of special inspector's credentials when requested by the jurisdiction.

D. Duties of the Special Inspector

1. Inspect the work. The inspector shall inspect the work for compliance with the jurisdiction approved plans, specifications, and applicable provisions of the IBC. The architect/engineer's reviewed shop drawings, and/or placement drawings, may be used only as an aid to inspections.
 - **Continuous Special Inspections** – The full-time inspection of work requiring special inspection by an approved special inspector who is present in the area where the work is being performed.
 - **Periodic Special Inspection** – The part-time or intermittent inspection of work requiring special inspection by an approved special inspector who is present in the area where the work is being performed and at the completion of the work.
2. Report non-conforming items. The inspector shall bring non-conforming items to the immediate attention of the contractor, the Building Division, and note all such items in the daily report. If any item is not resolved in a timely manner and is about to be incorporated in the work, the special inspector shall immediately notify the engineer or architect of record. Where an appropriate action is not taken by either the contractor, or the engineer, or the architect of record to correct the non-conforming item(s), the special inspector shall immediately notify the Building Division.

3. Furnish daily reports. The special inspector shall complete a daily report for each day's inspections. The daily reports shall remain at the job site with the contractor for the Building Division's inspector. The reports shall include the following:
 - Name of special inspector
 - Description of the inspections, with the location and tests performed.
 - List any non-conforming items.
 - Include how items were resolved or unresolved
 - List any changes or corrections to non-conforming issues authorized by the engineer or architect.
4. Furnish weekly reports. The inspection agency shall furnish weekly reports of the tests and inspections performed directly to the Building Division, project engineer, architect, and/or others as designated.
5. Furnish final report. The inspection agency shall submit a final signed report to the Building Division stating that all items requiring special inspections and testing were fulfilled, all discrepancies were corrected or resolved, and all work requiring special inspections is in conformance with the approved design drawings and specifications. Any items unresolved or discrepancies in coverage (i.e., missed inspections, periodic inspections when continuous was required, etc.) shall be specifically itemized in this report.

E. Jurisdiction

The jurisdiction will review the implementation of Structural Tests and Special Inspection requirements.

1. Review special inspections. The Building Division shall review all inspectors and special inspection requirements found in IBC Chapter 17.
2. Monitor special inspections. Work requiring special inspections, and the performance of special inspectors, may be monitored by the Building Division's inspector.
3. Issue Certificate of Occupancy. The Building Division will only issue a Certificate of Occupancy after all special inspection reports and the final special inspection report, have been submitted and accepted.

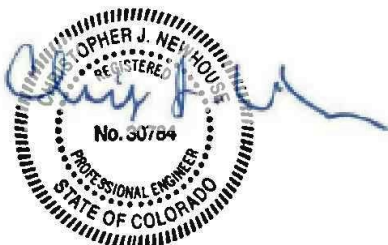
ACKNOWLEDGMENTS

I have read and understand my responsibilities regarding special inspections

Registered Design Professional in Responsible Charge:

Signature:  Print Name: Christopher J. Newhouse, P.E.

Agency Name: Structural Consultants Associates, Inc. (SCA) Date: April 26, 2023



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Registered Design Professional in Responsible Charge:

Signature:  Print Name: Christopher J. Newhouse, P.E.

Agency Name: Structural Consultants Associates, Inc. (SCA) Date: April 26, 2023

Affix Seal (if applicable):



INTERNATIONAL CODE COUNCIL

KEVIN JOHNSON

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

Commercial Building Inspector

Given this day February 5, 2021

Certificate No. 9920009

Handwritten signature of Greg Wheeler in black ink.

Greg Wheeler, CBO
President, Board of Directors

Handwritten signature of Dominic Sims in black ink.

Dominic Sims, CBO
Chief Executive Officer



This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.



**Colorado Department of Public Safety
Division of Fire Prevention and Control**

Kevin Johnson

*The Colorado Division of Fire Prevention and Control attests that the individual named hereon
has successfully met the prescribed requirements that are in effect and is hereby issued this
certificate as:*

Certified Third Party Public School Inspector

Certification Number: 21-190396

Issued this day of: February 16, 2021

Expires: February 16, 2024



Kevin Johnson

Engineering Technician

Professional Certifications

- ICC Commercial Building Inspector
- ACI Concrete Field Testing Technician - Grade 1
- LabCAT Level A - Laydown
- WAQTC Embankment & Base Testing Technician
- PTI Level 1

Qualifications Summary

Mr. Johnson has over **16 years of experience** in the construction observation and materials testing field. His background includes observation and testing of earthwork, asphalt pavement, concrete, masonry, PT cables, fire-stopping, floor flatness, fireproofing, RH probes, and moisture kits. Other project experience includes ICC commercial building inspections for framing, sheathing, and shear walls.

Testing Capabilities

- **Earthwork Observation and Testing:** Observation and testing of building pad construction, miscellaneous subgrade preparation, wall and utility backfill.
- **Cast in Place Concrete Observation and Testing:** Observation and testing of fresh concrete for slump, air content, unit weight and temperature. Compressive strength test specimen fabrication for determination of compressive strength.
- **Reinforcing Steel Observation:** Observation of reinforcing steel placement in cast in place structural concrete and other miscellaneous concrete, including flatwork. The reinforcing steel is documented for size, number, grade, placement and compliance with project specifications.
- **Post-Tension Observation:** Observation of post-tension tendons and reinforcing steel placement. Post-tension tendons are documented for size, number and location prior to concrete placement and for elongation during stressing operations.
- **Wood Framing Observation:** Observation of curtain wall framing.
- **Floor Flatness:** Observation and documentation of the floor flatness of slabs.
- **Masonry Materials Sampling and Testing:** Observation and documentation of structural masonry construction including observation of placement of the masonry units, masonry reinforcing steel and cleanouts, checking grout procedures and placement of imbed plates. Sampling of grout and mortar for fabrication of compressive strength test specimens and observe the fabrication of block masonry prisms.
- **Asphalt Observation and Testing:** Observation and testing of the placement of hot mix asphalt material. Asphalt sampling for testing in our laboratory for determination of aggregates and oil content.
- **Spray Applied Fireproofing:** Observation and testing of spray applied fireproofing for thickness, density and adhesion.

Professional Experience

- **Crossing Pointe South** (Thornton, CO): Construction Observation.
- **Costco** (Denver, CO): Construction Observation.
- **Broadleaf** (Aurora, CO): Construction Observation.
- **UC Health Parking Garage 2** (Aurora, CO): Soil, Reinforcing Steel, Construction Observation, Post-Tension.
- **Lutheran Medical Center Replacement Hospital** (Wheat Ridge, CO): Reinforcing Steel.
- **Bromley Lane Shops** (Brighton, CO): Framing Observation.
- **Arkins Court Apartments** (Denver, CO): Firestop Observation, Framing Observation, Masonry.
- **Parker Water & Sanitation District Headquarters** (Parker, CO): Construction Observation.
- **17th and Clarkson Apartments** (Denver, CO): Construction Observation, Framing Observation.
- **19th and Chestnut Apartments** (Denver, CO): Spray Applied Fireproofing
- **Littleton Public Schools – Village at Highland ECE Phase 2** (Littleton, CO): Framing Observation.
- **Central Park Station Apartments** (Denver, CO): Framing Observation.



- **Dust Bros Remodel – Alameda** (Denver, CO): Framing Observation.
- **Kimpton Hotel** (Denver, CO): Framing Observation, Reinforcing Steel.
- **Alexan Belleview Station** (Denver, CO): Framing Observation.
- **Lutheran Medical Center Replacement Hospital** (Wheat Ridge, CO): Spray Applied Fireproofing, Post-Tension, Construction Observation, Reinforcing Steel.
- **Macy's Boulder** (Boulder, CO): Construction Observation.
- **Medtronic – Test Chamber** (Boulder, CO): Construction Observation.
- **Jones District 6 & 7 Apartments** (Centennial, CO): Reinforcing Steel, Construction Observation.
- **Broadleaf** (Aurora, CO): Construction Observation.
- **Fox Iron Works** (Denver, CO): Framing Observation, Post-Tension.
- **Culvers Jefferson County** (Lakewood, CO): Construction Observation, Post-Tension.
- **Montview Plaza Apartments** (Aurora, CO): Construction Observation
- **Alana Apartments** (Castle Rock, CO): Framing Observation.
- **1190 South Pennsylvania Apartments** (Denver, CO): Framing Observation.
- **DSST Elevate Phase 2** (Denver, CO): Construction Observation, Framing Observation.
- **Kalaco** (Denver, CO): Reinforcing Steel.
- **Ash House – Crack Monitoring** (Boulder, CO): Construction Observation.
- **SkiFree FF/FI** (Golden, CO): Construction Observation.
- **Edge Point 3 Apartments** (Denver, CO): Post-Tension, Reinforcing Steel.
- **Montview Plaza Apartments** (Aurora, CO): Reinforcing Steel, Post Tension.
- **Parallel Apartments at Ward Station** (Wheat Ridge, CO): Framing Observation, Construction Observation.
- **Crossing Pointe South** (Thornton, CO): Framing Observation.
- **Cherry Hill Country Club** (Cherry Hills, CO): Framing Observation.
- **Littleton Public Schools – Village at Highland ECE Phase 2** (Littleton, CO): Framing Observation.
- **14th and Court** (Denver, CO): Construction Observation.
- **Edera Apartments** (Denver, CO): Construction Observation.
- **Dazbog Coffee** (Aurora, CO): Post-Tension.
- **Grant Street Apartments** (Denver, CO): Shear wall/sheathing inspection
- **AMLI Rino** (Denver, CO): Shear wall/sheathing inspection
- **Windcrest Retirement Community** (Highlands Ranch, CO): Shear wall/sheathing inspection
- **Boulevard One** (Denver, CO): Shear wall/sheathing inspection
- **Homewood Suite & Hilton Garden Inn Dual Brand Hotel** (Broomfield, CO): Shear wall/sheathing inspection, Fire-stopping
- **Armory Community Development** (Boulder, CO): Shear wall/sheathing inspection
- **Syracuse Apartments** (Denver, CO): Shear wall/sheathing inspection
- **Cherokee Street Mixed Use Development** (Denver, CO): Shear wall/sheathing inspection
- **Neon Local - 99 S. Broadway Development** (Denver, CO): Sheathing/framing inspection
- **Platte Park by Windsor** (Denver, CO): Sheathing/framing inspection
- **Paris Family Housing** (Aurora, CO): Shear wall inspection
- **One Belleview Station** (Denver, CO): concrete, rebar, masonry, soils, and asphalt.
- **DEN Southwest Ron Tech Ops Hangar** (Denver, CO): Fire-stopping
- **Swedish Medical Center** (Englewood, CO): concrete, rebar, masonry, PT cables, floor flatness, and moisture kits.
- **Castle Rock Adventist Medical Office Building 2** (Castle Rock, CO): concrete, rebar, masonry, soils, asphalt, and floor flatness.
- **Bonfils Theatre Renovation – Denver Performing Arts Center** (Denver, CO): Fire-stopping
- **Roxborough Water and Sanitation District** (Roxborough, CO): concrete, rebar, masonry, soils, and asphalt.
- **Gailen Buck Parker Yard** (Parker, CO): concrete, rebar, masonry, soils, and asphalt.
- **Airport Road over Plum Creek Bridge Replacement** (Douglas County, CO): concrete, soils, and asphalt.
- **Littleton/Englewood Water Treatment Plant** (Englewood, CO): concrete, masonry, PT cables, and anchor pulls.
- **One Lincoln Park** (Denver, CO): concrete, masonry, rebar, and PT cables.
- **The Lofts at Peloton** (Boulder, CO): concrete, masonry, PT cables, floor flatness, rebar, and anchor pulls.
- **Rose Medical Center** (Denver, CO): concrete, rebar, masonry, floor flatness, RH probes, and moisture kits.



- **Williams Village North** (Boulder, CO): concrete, rebar, PT cables, floor flatness, and fireproofing.
- **University of Denver, Ruffallo Hall** (Denver, CO): concrete, rebar, PT cables, and masonry.
- **University of Denver, Sie Cheou Kang Center** (Denver, CO): concrete, rebar, PT cables, and masonry.
- **Hyatt Regency Denver at Colorado Convention Center** (Denver, CO): concrete, rebar, masonry, PT cables, and floor flatness.
- **Speer Boulevard Apartments** (Denver, CO): concrete, rebar, PT cables, masonry, soils, and asphalt.