



# Special Specification Section 01453S Construction Inspection Requirements

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**Sandia  
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**CONSTRUCTION SPECIAL SPECIFICATION**

**SECTION 01453S**

**CONSTRUCTION INSPECTION REQUIREMENTS**

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# CONSTRUCTION SPECIAL SPECIFICATION

## SECTION 01453S

### CONSTRUCTION INSPECTION REQUIREMENTS

#### GENERAL

##### 1.01 SUMMARY

- A. Application: All work requiring inspection will be in accordance with the International I-Codes, NEC and SNL Standard Specifications.
- B. Code Compliance/SNL Specifications: The inspections necessary to ensure that the work complies with the applicable code and/or specification shall be performed by the appropriate inspector under the direction of the building official.
- C. Notification: It is the responsibility of the contractor or their subcontractor to notify the appropriate inspector and request inspection within 24 hours when work is ready for inspection/re-inspection, and provide access to, and means to perform inspection of the work.
- D. Inspection Deficiencies: Inspections found not to be in full compliance with the code and or the specifications shall be required to be corrected. The contractor is responsible for notifying the inspector when corrections have been made and the work is ready for re-inspection.
- E. Covered and Unapproved Work: Work must be visible and accessible to be inspected and shall not be covered or used before approval is given by the inspector. Work that is covered before it is inspected tested, if applicable and approved may be ordered uncovered by the inspector or the building official. Work shall not be performed beyond what is required for the next inspection without approval of the inspector.

##### 1.02 REFERENCES

- A. International I-Codes, NEC and SNL Standard Specifications.

## PRODUCTS - NOT USED

### EXECUTION

#### 1.03 PERFORMANCE REQUIREMENTS

- A. Inspections: The following inspections are required and are deemed as Hold Points. Hold Points are defined in the items below.
1. Footings and foundation (soils, line and grade).
  2. Concrete slab and under floor inspections.
  3. Lowest floor elevation.
  4. Frame inspections.
  5. Roof systems, components and cladding.
  6. Special inspections.
  7. Energy Efficiency inspections (Insulation, Fenestration, Building Envelope, Duct systems, HVAC, Water Heating Equipment).
  8. Lath and Gypsum board inspections (interior/exterior).
  9. Weather resistant barrier inspection.
  10. Underground and under slab inspection (infrastructure).
  11. Rough-in electrical.
  12. Rough-in of all mechanical work.
  13. Water distribution including all water piping inside and /or under building.
  14. Rough-in of all plumbing.
  15. Inspection of system/systems before pressure testing.
  16. Water service piping from service and connection outside of building.
  17. Above ceiling inspections, all systems and seismic requirements.
  18. Process gasses.
  19. Fire and smoke-resistant penetrations.
  20. Top-out inspection of all vented piping above floor and all extensions through the roof and/or walls.
  21. Top-out testing procedures to ensure system/systems are free of leaks and defects.
  22. Required other inspections deemed necessary to ascertain compliance with applicable building code and/or specification and all other contract documents.
  23. Site and infrastructure.
  24. Water quality testing.
  25. Inspection of electrical equipment prior to energizing.
  26. Final inspections for Architectural, Mechanical, Plumbing, Electrical, Fuel Gas, Fire sprinklers, and Fire Alarm Systems, ADA/ABA accessibility requirements.
- B. Documentation: All inspections and requests for inspections will be documented using an inspection report and the code compliance traveler with sign off from the appropriate inspector. All work shall be complete and inspected before occupancy of the building. Refer to the linked forms:

1. [Construction Inspection Report](#) (FRM-019)
2. [Code Compliance Traveler](#) (FRM-013)

(Note: the above forms are also available on the [FMOC Engineering & Architectural Standards webpage](#)):

- C. Construction Documents: Construction documents shall be made available to the inspector at time of inspection. Documents include, but are not limited to the following:
1. Manufacturer's installation guidelines
  2. Shop drawings
  3. Sealed construction drawings
  4. Red lines
  5. SNL specifications

- END OF SECTION -