



CITY OF KINGMAN – DEPARTMENT OF BUILDING & SAFETY

SPECIAL INSPECTION: SOILS 1705.6

310 North Fourth Street, Kingman AZ 86401

Phone: (928)753 8123

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1704.2.4 Report requirement. Special inspectors (SI) shall keep records of inspections.

1. The special inspector shall furnish inspection reports to the building official, and to the registered design professional in responsible charge. **A copy of the daily SI report shall be immediately available on site. If no on site repository is possible, the daily report shall be scanned and delivered by email to the building official the following business day.**
2. SI reports shall indicate that work inspected was or was not completed in conformance to ***approved geotechnical investigation (section 1803), and the approved construction documents prepared by the registered design professionals.***
3. Discrepancies shall be brought to the immediate attention of the contractor for correction. If the discrepancies are not corrected, the discrepancies shall be brought to the attention of the building official and to the registered design professional in responsible charge prior to the completion of that phase of the work.
4. A COK – PAD CERTIFICATION from the SI Agency shall be furnished to the building official prior to placement of concrete for the building(s).
5. A final report from the SI Agency shall be submitted prior to request for any framing inspection. The final report shall document that the required special inspections were performed and any discrepancies noted in the inspections were corrected.

1705.6 Soils. The special inspections for existing site soil conditions, fill placement and load-bearing requirements shall follow this section and Table 1705.6. **The *approved geotechnical investigation (section 1803), and the approved construction documents prepared by the registered design professionals shall be used to determine compliance.*** During fill placement, the special inspector shall determine that proper materials and procedures are used in accordance with the provisions of the *approved geotechnical report.*

Exception:

1. Where Section 1801 does not require reporting of materials and procedures for fill placement, the special inspector shall verify that the in-place dry density of the compacted fill is not less than 90 percent of the maximum dry density at optimum moisture content determined in accordance with ASTM D 1557.
2. The building official may allow structures less than 3000 square feet an exemption from the required Geotechnical Investigation.
3. Special inspection may not be required during placement of fill less than 12 inches (305 mm) deep.

TABLE 1705.6 REQUIRED VERIFICATION AND INSPECTION OF SOILS		
VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED
1. Verify materials below shallow foundations are adequate to achieve the design bearing capacity.		XX
2. Verify excavations are extended to proper depth and have reached proper material.		XX
3. Perform classification and testing of compacted fill materials.		XX
4. Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill.	XX	
5. Prior to placement of compacted fill, observe sub grade and verify that site has been prepared properly.		XX

Appendix Chapter J Grading Special Inspections

J101.1 Scope The provisions of Appendix chapter J apply to grading ,excavation and earthwork construction, including fills and embankments. Where conflicts occur between the technical requirements of this chapter and the geotechnical report, the geotechnical report shall govern.

J103.1 Permits required. Except as exempted in Section J103.2, no grading shall be performed without first having obtained a permit therefore from the building official. A grading permit does not include the construction of retaining walls or other structures.

J105.2 Special inspections. The special inspection requirements of Section 1705.6 shall apply to work performed under a grading permit, unless exempted by building official.

**City of Kingman - Developmental Services
Building Division
Special Inspector
Daily Report**

Date: _____

Project name/address: _____

Inspection type(s) coverage: _____

Continuous

Periodic

Inspection time: Beginning: _____ Ending: _____

Describe inspections, including locations: _____

List tests made: _____

List items requiring correction, corrections of previous listed items and previously listed uncorrected items: _____

List changes to approved plans authorized by architect or engineer: _____

Comments: _____

To the best of my knowledge, work inspected was in accordance with the approved geotechnical investigation report and the approved construction documents, except as noted above:

Signed: _____ Date: _____

Print full name: _____ ID Number: _____

(This report is to remain at the job site with the contractor for review by the building department's inspector upon request.)



CITY OF KINGMAN – DEPARTMENT OF BUILDING & SAFETY

PAD CERTIFICATION

310 North Fourth Street, Kingman AZ 86401

Phone: (928)753 8123

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PERMIT # _____ PROJECT NAME: _____

DATE: _____ ADDRESS: _____

Submit Pad Certification and items A-E to the building official prior to the placement of concrete for the building(s)

I hereby certify that the grading and earthwork for the building(s) is complete and substantially complies with the requirements of: **1) the COK approved Geo-technical Investigation report** of record including any **approved supplements** or addenda, and **2) the COK approved grading construction documents**.

Engineering Firm Name: _____

Affix Seal, Sign, and Date



This Certification/Report is used as an interim document until a Final Grading Report is completed (i.e. Final Grading report for the entire project or a particular phase(s) of a project). This report shall include the following information for each pad or structure:

- A. Site plan and description of the building pad(s) being certified.
- B. Soil compaction tests log showing test locations, elevations and density results.
- C. Classification of foundation soil for expansive properties (i.e. non-expansive or result from standard 60 pounds per square foot swell test).
- D. The name(s) of the approved special inspector(s) and any technicians that observed grading or foundation improvements.
- E. The firm name that prepared the geotechnical report, the report number, and the date of the geotechnical report.