

STATEMENT OF SPECIAL INSPECTIONS (STRUCTURAL) CONT.

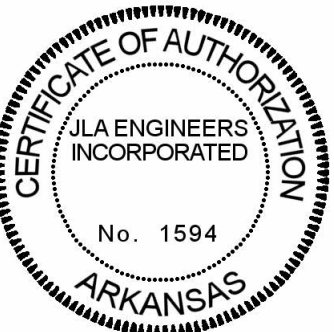
1705.3 CONCRETE CONSTRUCTION			
MATERIAL / ACTIVITY	SERVICE	YN	EXTENT
1. Inspect reinforcement, including prestressing tendons, and verify placement.	Shop (3) and field inspection	Y	Periodic
2. Reinforcing bar welding:			
a. Verify weldability of reinforcing bars other than ASTM A706.	Field inspection	N	Periodic
b. Inspect single-pass fillet welds, maximum 5/16".	Field inspection	N	Periodic
c. Inspect all other welds.	Field inspection	N	Continuous
3. Inspect anchors cast in concrete.	Field inspection	Y	Periodic
4. Inspect anchors post-installed in hardened concrete members. Specific requirements for special inspection shall be included in the research report for the anchor issued by an approved source in accordance with 17.8.2 in ACI 318, or other qualification procedures. Where specific requirements are not provided, special inspection requirements shall be specified by the registered design professional and shall be approved by the building official prior to the commencement of the work.			
a. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads.	Field inspection	N	Continuous
b. Mechanical anchors and adhesive anchors not defined in 4.a.	Field inspection	Y	Periodic
5. Verify use of approved design mix.	Shop (3) and field inspection	Y	Periodic
6. Prior to concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	Field inspection	Y	Continuous
7. Inspect concrete and shotcrete placement for proper application techniques.	Field inspection	Y	Continuous
8. Verify maintenance of specified curing temperature and techniques.	Shop (3) and field inspection	Y	Periodic
9. Inspection of prestressed concrete for:			
a. Application of prestressing forces	Field inspection	N	Continuous
b. Grouting of bonded prestressing tendons.	Field inspection	N	Continuous
10. Inspect erection of precast concrete members	Field inspection	N	Periodic
11. Verify 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	Field inspection	Y	Periodic
12. Inspection of formwork for shape, location and dimensions of the concrete member being formed.	Field inspection	Y	Periodic

1705.4 MASONRY CONSTRUCTION			
MATERIAL / ACTIVITY	SERVICE	YN	EXTENT
Level B Quality Assurance:			
1. Verify compliance with approved submittals	Field Inspection	Y	Periodic
2. Verification of fm and FAAC prior to construction	Testing by unit strength method or prsm test method	Y	Periodic
3. Verification of Slump Flow and Visual Stability Index (VSI) of self-consolidating grout as delivered to the project	Field testing	Y	Continuous
4. As masonry construction begins, verify that the following are in compliance:			
a. Proportions of site-prepared mortar	Field Inspection	Y	Periodic
b. Construction of mortar joints	Field Inspection	Y	Periodic
c. Grade and size of prestressing tendons and anchorages	Field Inspection	N	Periodic
d. Location of reinforcement, connectors, and prestressing tendons and anchorages	Field Inspection	Y	Periodic
e. Prestressing technique	Field Inspection	N	Periodic
f. Properties of thin-bed mortar for AAC masonry (required for the first 5000 square feet of ACC masonry)	Field Inspection	N	Continuous
g. Properties of thin-bed mortar for AAC masonry (required after the first 5000 square feet of ACC masonry)	Field Inspection	N	Periodic
5. Prior to grouting, verify that the following are in compliance:			
a. Grout space	Field Inspection	Y	Periodic
b. Grade, type, and size of reinforcement and anchor bolts, and prestressing tendons and anchorages	Field Inspection	Y	Periodic
c. Placement of reinforcement, connectors, and prestressing tendons and anchorages	Field Inspection	Y	Periodic
d. Proportions of site-prepared grout and prestressing grout for bonded tendons	Field Inspection	Y	Periodic
e. Construction of mortar joints	Field Inspection	Y	Periodic
6. Verify during construction:			
a. Size and location of structural elements	Field Inspection	Y	Periodic
b. Type, size, and location of anchors, including other details of anchorage of masonry to structural members, frames, or other construction	Field Inspection	Y	Periodic
c. Welding of reinforcement	Field Inspection	Y	Continuous
d. Preparation, construction, and protection of masonry during cold weather (temperature below 40°F (4.4°C)) or hot weather (temperature above 90 F (32.2°C))	Field Inspection	Y	Periodic
e. Application and measurement of prestressing force	Field Inspection	N	Continuous
f. Placement of grout and prestressing grout for bonded tendons is in compliance	Field Inspection	Y	Continuous
g. Placement of AAC masonry units and construction of thin-bed mortar joints (required for the first 5000 square feet of AAC masonry)	Field Inspection	N	Continuous
h. Placement of AAC masonry units and construction of thin-bed mortar joints (required after the first 5000 square feet of AAC masonry)	Field Inspection	N	Periodic
7. Observe preparation of grout specimens, mortar specimens, and/or prisms	Field Inspection	Y	Periodic

1705.6 SOILS			
MATERIAL / ACTIVITY	SERVICE	YN	EXTENT
1. Verify materials below shallow foundations are adequate to achieve the design bearing capacity.	Field inspection	Y	Periodic
2. Verify excavations are extended to proper depth and have reached proper material.	Field inspection	Y	Periodic
3. Perform classification and testing of compacted fill materials.	Field inspection	Y	Periodic
4. Verify use of proper materials, densities, and lift thicknesses during placement and compaction of compacted fill	Field inspection	Y	Continuous
5. Prior to placement of compacted fill, inspect subgrade and verify that site has been prepared properly	Field inspection	Y	Periodic

FOOTNOTES
Notes (all notes may not be applicable for this project): 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 1704.2.5.1 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. 6. The fabricator of erector, as applicable, shall maintain a system by which a welder who has welded a joint or member can be identified. Stamps, if used, shall be the low-stress type. 7. When welding of doubler plates, continuity plates or stiffeners has been performed in the k-area, visually inspect the web k-area for cracks within 3 in. (75 mm) of weld. 8. QAI (quality assurance inspector) need not be present during the installation of fasteners when these methods are used by the installer. 9. QAI (quality assurance inspector) shall be engaged in their assigned inspection duties during installation of fasteners when these methods are used by the installer. 10. Refer to AISC 360, NG for additional information regarding welding of steel deck or steel deck attached by fastening systems other than welding. 11. For welding of steel headed stud anchors, the provisions of AWS D1.1/D1.1M, Structural Welding Code - Steel, apply. 12. "Observe" shall mean to inspect these items on an intermittent basis. Operations need not be delayed pending these inspections. "Perform" shall mean to perform these tasks prior to final acceptance for each item or element.
Are Requirements for Seismic Resistance included in the Statement of Special Inspections? NO Are Requirements for Wind Resistance included in the Statement of Special Inspections? NO

JLA ENGINEERS INC. DOES NOT
PERFORM SPECIAL INSPECTIONS



NEW Arcare Medical Office Building
2709 Massard Rd
FT. SMITH, AR 72903

Arcare
117 S. 2ND ST.
AUGUSTA, AR 72006

DATE 06/15/26	DRAWN BY LCG
PROJECT # 2517	CHECKED BY LCG

SHEET
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SPECIAL INSPECTIONS

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FOR PERMIT &
CONSTRUCTION