

LEVEL 1 SPECIAL INSPECTION

INSPECTION TASK	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA		
	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC SECTION	ACI 530/ASCE 5/TMS 402	ACI 530.1/ASCE 6/TMS 602
1. As masonry construction begins, the following shall be verified to ensure compliance:					
a. Proportions of site-prepared mortar.	-	X	-	-	Art. 2.6A
b. Construction of mortar joints.	-	X	-	-	Art. 3.3B
c. Location of reinforcement, connectors, prestressing tendons and anchorages.	-	X	-	-	Art. 3.4, 3.6A
d. Prestressing technique.	-	X	-	-	Art. 3.6B
e. Grade and size of prestressing tendons and anchorages.	-	X	-	-	Art. 2.4B, 2.4H
2. The inspection program shall verify:					
a. Size and location of structural elements.	-	X	-	-	Art. 3.3G
b. Type, size and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction.	-	X	-	Sec.1.2.2(e), 2.1.4, 3.1.6	-
c. Specified size, grade and type of reinforcement.	-	X	-	Sec. 1.13	Art. 2.4, 3.4
d. Welding of reinforcing bars.	X	-	-	Sec. 2.1.10.7.2, 3.3.3.4(b)	-
e. Protection of masonry during cold weather (temperature below 40°F) or hot weather (temperature above 90°F).	-	X	Sec. 2104.3, 2104.4	-	Art. 1.8C, 1.8D
f. Application and measurement of prestressing force.	-	X	-	-	Art. 3.6B
3. Prior to grouting, the following shall be verified to ensure compliance:					
a. Grout space is clean.	-	X	-	-	Art. 3.2D
b. Placement of reinforcement and connectors and prestressing tendons and anchorages.	-	X	-	Sec. 1.13	Art. 3.4
c. Proportions of site-prepared grout and prestressing grout for bonded tendons.	-	X	-	-	Art. 2.6B
d. Construction of mortar joints.	-	X	-	-	Art. 3.3B
4. Grout placement shall be verified to ensure compliance with code and construction document provisions.	X	-	-	-	Art 3.5
a. Grouting of prestressing bonded tendons.	X	-	-	-	Art. 3.6C
5. Preparation of any required grout specimens, mortar specimens and/or prisms shall be observed.	X	-	Sec. 2105.2.2, 2105.3	-	Art. 1.4
6. Compliance with required inspection provisions of the construction documents and the approved submittals shall be verified.	-	X	-	-	Art. 1.5

TABLE 1704.5.1

REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD (a)	IBC REFERENCE
1. Inspection of reinforcing steel, including prestressing tendons, and placement.	-	X	ACI 318: 3.5, 7.1-7.7	1913.4
2. Inspection of reinforcing steel welding in accordance with Table 1704.3, Item 5b.	-	-	AWS D1.4 CI 318: 3.5.2	-
3. Inspect bolts to be installed in concrete prior to and during placement of concrete where allowable loads have been increased.	X	-	-	1911.5
4. Verifying use of required design mix.	-	X	ACI 318: Ch. 4, 5.2-5.4	1904.2.2, 1913.2, 1913.3
5. At the time fresh concrete is sampled to fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	X	-	ASTM C 172 ASTM C 31 ACI 318: 5.6, 5.8	1913.1
6. Inspection of concrete and shotcrete placement for proper application techniques.	X	-	ACI 318: 5.9, 5.10	1913.6, 1913.7, 1913.8
7. Inspection for maintenance of specified curing temperature and techniques.	-	X	ACI 318: 5.11-5.13	1913.9
8. Inspection of prestressed concrete: a. Application of prestressing forces. b. Grouting of bonded prestressing tendons in the seismic-force-resisting system.	X X	- -	ACI 318: 18.20 ACI 318: 18.18.4	- -
9. Erection of precast concrete members.	-	X	ACI 318: Ch. 16	-
10. Verification of in-situ concrete strength, prior to stressing of tendons in posttensioned concrete and prior to removal of shores and forms from beams and structural slabs.	-	X	ACI 318: 6.2	-
11. Inspect formwork for shape, location and dimensions of the concrete member being formed.	-	X	ACI 318: 6.1.1	-

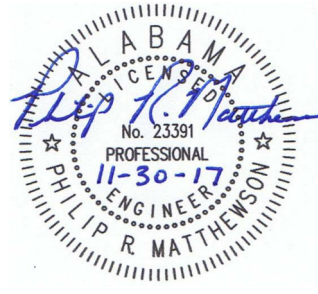
TABLE 1704.4

REQUIRED VERIFICATION AND INSPECTION OF SOILS

VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED
1. Verify materials below footings are adequate to achieve the design bearing capacity.	-	X
2. Verify excavations are extended to proper depth and have reached proper material.	-	X
3. Perform classification and testing of controlled fill materials.	-	X
4. Verify use of proper materials, densities and lift thicknesses during placement and compaction of controlled fill.	X	-
5. Prior to placement of controlled fill, observe subgrade and verify that site has been prepared properly.	-	X



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Project No. 1749



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BRANCH BANK FOR
TRADERS AND FARMERS BANK
DOUBLE SPRINGS, ALABAMA

JOB NO. 1749
DATE 11/30/2017
DRAWN JEK
CHECKED PRM
REVISD
REVISED

DRAWING TITLE
SPECIAL INSPECTIONS

DRAWING NUMBER
S4.0
OF 10

STATEMENT OF SPECIAL INSPECTIONS

Project:
Project Address:
Permit Applicant:
Applicant Address:
Owner:
Owner Address:

Registered Design Professionals (RDP):

Architect*
Geotechnical Engineer:
Structural Engineer:
Mechanical Engineer:
Electrical Engineer:

This statement of special Inspections is submitted as a condition for permit issuance in accordance with Chapter 17 of the International Building Code. It includes a *Schedule of Special Inspections* applicable to the above referenced project as well as the identity of the individuals, agencies, or firms intended to be retained for conducting these inspections.

The Special Inspector(s) shall keep records of all inspections and shall furnish interim inspection reports to the building official and to the registered design professional in responsible charge at a frequency agreed upon by the permit applicant and building official prior to the start of work. Discrepancies shall be brought to the immediate attentions of the contractor for correction. If the discrepancies are not corrected the discrepancies shall be brought to the attention of the building official and the registered design professional in responsible charge prior to completion of that phase of work. A *Final Report of Special Inspections* documenting required inspections and correction of any discrepancies noted in the inspections shall be submitted by each agent at the completion of that phase of work.

Maximum frequency of interim report submittals shall be less than weekly.

The Special Inspection program does not relieve the contractor of the responsibility to comply with the Contract Documents. Jobsite safety and means and methods of construction are solely the responsibility of the Contractor.

Owner's Acknowledgement:

Signature

Date

Building Official's Acceptance:

Signature

Date

Permit No.

Frequency of interim report submittals to building official:

☒ Monthly

☐ Bi-Monthly

☐ Upon Completion

☐ Per Attached Schedule

RDP in Responsible Charge

FINAL REPORT OF SPECIAL INSPECTIONS

Project:
Project Address:
Testing / Inspection Agent:
Testing / Inspection Agent Address:
Scope of Testing / Inspections:

To the best of my information, knowledge, and belief, the special inspections or testing required for this project, and designated for this Agent in the *Schedule of Special Inspections* submitted for permit, have been completed in accordance with the contract documents.

Interim reports submitted prior to this final report and numbered [] to [], form a basis for, and are to be considered an integral part of this final report. The following discrepancies that were outstanding since the last interim report dated [] have been corrected:

(Attache 8 1/2" X 11" continuation sheet(s) if required to complete the description of corrections)

Prepared By:

Type or print name

Signature

Date

Special Inspector's Seal

(Licensed Professional Engineer)