Georgia State Amendments to the International Building Code

(2006 Edition)

Georgia Department of Community Affairs
Planning and Environmental Management Division
60 Executive Park South, N.E.
Atlanta, Georgia 30329-2231
(404) 679-3118
www.dca.state.ga.us

Revised January 1, 2007

GEORGIA STATE MINIMUM STANDARD BUILDING CODE
(INTERNATIONAL BUILDING CODE WITH GEORGIA STATE AMENDMENTS)

The INTERNATIONAL BUILDING CODE, 2006 Edition, published by the International Code Council, when used in conjunction with these Georgia State Amendments, shall constitute the official *Georgia State Minimum Standard Building Code*.

GEORGIA STATE AMENDMENTS

CODE REFERENCE:

(a) Replace all references to the ICC *Electrical Code* with references to the *Georgia State Minimum Standard Electrical Code* (*National Electrical Code with Georgia State Amendments*).

(b) Replace all references to the *International Energy Conservation Code* (*IECC*) with references to the *Georgia State Minimum Standard Energy Code (IECC with Georgia State Supplements and Amendments)*. The *Georgia State Minimum Standard Energy Code* shall be used for efficiency and coefficient of performance ratings of equipment.

APPENDICES:

Appendices are not enforceable unless they are specifically referenced in the body of the code or adopted by the Department of Community Affairs or the authority having jurisdiction.

SCOPE:

The provisions of the *Georgia State Minimum Standard Building Code* shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures.

Exception #1: Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories high with separate means of egress and their accessory structures shall comply with the *Georgia State Minimum Standard One and Two Family Dwelling Code* (*International Residential Code for One- and Two-Family Dwellings with Georgia State Amendments*).

Exception #2: The following table titled 'Codes Reference Guide' establishes specific primary and supplementary code applications and is to be applied by the authority having jurisdiction.

CODES REFERENCE GUIDE

Area	Primary	Supplement
Occupancy Classification	LSC	IBC
Building Construction Types Including allowable height, allowable building areas, and the requirements for sprinkler protection related to minimum building construction types.	IBC	LSC
Means of Egress	LSC	NONE
Standpipes	IBC	IFC
Interior Finish	LSC	NONE
HVAC Systems	IMC	NONE
Vertical Openings	LSC	NONE
Sprinkler Systems minimum construction standard	LSC	NONE
Fire Alarm Systems	LSC	NONE
Smoke Alarms and Smoke Detection Systems	State Statute and LSC	NONE
Portable Fire Extinguishers	IFC	NONE
Cooking Equipment	LSC and NFPA 96	NONE
Fuel Fired Appliances	IFGC	NFPA 54
Liquid Petroleum Gas	NFPA 58	NFPA 54 or IFGC
Compressed Natural Gas	NFPA 52	NONE

Revise the International Building Code, 2006 Edition, as follows:

CHAPTER 1
ADMINISTRATION

*Delete Chapter 1 'Administration' without substitution. Chapter 1 to remain in the Code as a *reference and* guide for local governments in development of their own *Administrative Procedures*.
(Effective January 1, 2007)

CHAPTER 2
DEFINITIONS

SECTION 202
DEFINITIONS

*Add definition of 'Elevator Door Opening Protective Device' as follows:

ELEVATOR DOOR OPENING PROTECTIVE DEVICE. Any device that either independently or in conjunction with the (elevator) door assembly allows the device(s) to meet the requirements of Section 715.4.3.
(Effective January 1, 2007)

CHAPTER 4
SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY

SECTION 415
GROUPS H-1, H-2, H-3, H-4 AND H-5

* Delete Section 415.6.3 'Liquefied petroleum gas-distribution facilities' in its entirety and replace with the following:

415.6.3 Liquefied petroleum gas-distribution facilities. The design and construction of propane, butane, propylene, butylenes and other liquefied petroleum gas-distribution facilities shall conform to the applicable provisions of Sections 415.6.3.1 through 415.6.3.5.2 of this Code. The storage and handling of liquefied petroleum gas systems shall conform to the *International Fire Code*. The design and installation of piping, equipment and systems that utilize liquefied petroleum gas shall be in accordance with the Rules and Regulations of the Safety Fire Commissioner, Chapter 120-3-16 "Rules and Regulations for Liquefied Petroleum Gases". Liquefied petroleum gas distribution facilities shall be ventilated in accordance with the *International Mechanical Code* and Section 415.6.3.1 of this Code.

CHAPTER 5
GENERAL BUILDING HEIGHTS AND AREAS

SECTION 508

MIXED USE AND OCCUPANCY

*Revise Section 508.3.1.3 'Separation' to add exceptions as follows:

Exceptions:

1. Group H-2, H-3, H-4 or H-5 occupancies shall be separated from all other occupancies in accordance with Section 508.3.3.
2. All Group R occupancies shall be separated from other accessory occupancies in accordance with Section 508.3.3.4.

(Effective January 1, 2007)

*Revise Exception to Section 508.3.2.3 'Separation' as follows:

Exceptions:

1. Group H-2, H-3, H-4 or H-5 occupancies shall be separated from all other occupancies in accordance with Section 508.3.3.
2. All Group R occupancies shall be separated from other occupancies in accordance with Section 508.3.3.4.

(Effective January 1, 2007)

CHAPTER 7
FIRE-RESISTANCE-RATED CONSTRUCTION

SECTION 705
FIRE WALLS

*Delete exception to Section 705.3 'Materials' without substitution.
(Effective January 1, 2007)

SECTION 707
SHAFT ENCLOSURES

*Delete Sections 707.14 'Elevator, dumbwaiter and other hoistways' and 707.14.1 'Elevator lobby' and substitute the following:

707.14 Elevator, dumbwaiter and other hoistways. Elevator, dumbwaiter and other hoistway enclosures shall be constructed in accordance with this section, Section 707.4 and Chapter 30.

707.14.1 Elevator lobby. Elevator lobbies opening onto floors required to be provided with fire-rated exit access corridors and elevator lobbies in high-rise buildings shall be provided with an elevator lobby at each floor. The elevator lobby shall be separated from exit access corridors by 1-hour fire barriers with all duct penetrations protected with approved automatic smoke dampers. Each elevator lobby shall have at least one means of egress, shall contain at least thirty square feet (2.79 m^2) for each elevator cab discharging in the lobby, but no area less than the largest cab discharging into the lobby, and shall have no lobby dimension less than five feet (1.52 m). Openings into the elevator lobby shall be limited to those required for access to the elevators and for egress from the building.

Exceptions:

1. In office buildings, elevator lobbies are not required from a street floor lobby provided the entire street floor is equipped with an automatic sprinkler system in accordance with Section [F] 903.3.1.1, except as provided in Section 707.14.2 (GA Amendments).
2. Elevators not required to be located in a shaft in accordance with Section 707.2.
3. Where additional doors are provided in accordance with Section 3002.6.
4. In other than Groups I-2 and I-3, and buildings which are not classified as high-rise buildings, lobby separation is not required where the building is protected by an automatic sprinkler system installed throughout in accordance with Section [F] 903.3.1.1 or [F] 903.3.1.2.
5. Elevator lobbies are not required within an atrium.
6. Elevators which are located on the exterior of the building and served by exterior walkways.
7. Elevators which serve open air parking decks in accordance with Section 406.3 beneath other occupancies.
8. Hoistways which are provided with mechanical systems designed to resist the passage of smoke to other floors through the hoistway.
9. Lobbies are not required where a listed elevator door opening protective device, in compliance with the 'Rules and Regulations of the Safety Fire Commissioner chapter 120-3-3 Rules and Regulations for the State Minimum Fire Safety Standards', is provided at the hoistway opening other than at the designated primary and alternate floors of elevator return.
10. Enclosed elevator lobbies are not required where the elevator hoistway is pressurized in accordance with Section 707.14.3 (see renumbering instructions of GA Amendment 707.14.2).
11. For existing buildings or existing structures reference Section 3403.1 (GA Amendments).

(Effective January 1, 2007)

*****Renumber Sections 707.14.2 'Enclosed elevator lobby pressurization alternative' through 707.14.2.5 'Activation of pressurization system' as Sections 707.14.3 through 707.14.3.5, and add new Section 707.14.2 'Designated floors for elevator return' as follows:

707.14.2 Designated floors for elevator return. New elevators, escalators, dumbwaiters, and moving walks shall be installed in accordance with the requirements of ASME A17.1, Safety Code for Elevators and Escalators. The elevator lobby of the designated floor and the alternate floor specified by Rule 2.27.3 shall be separated from the remainder of the building by 1 hour fire-rated construction. In buildings equipped with automatic sprinkler protection, smoke partitions in accordance with the 'Rules and Regulations of the Safety Fire Commissioner chapter 120-3-3 Rules and Regulations for the State Minimum Fire Safety Standards' may be used in lieu of 1 hour fire-rated construction. Except health care occupancies, openings in the elevator lobby shall be limited to those required for access to the elevators from exit access corridors only. Elevator lobbies may be used as part of the means of egress from the building.

Exceptions:

1. Elevator lobbies are not required within an atrium.
2. Elevator lobbies are not required where elevators are installed on open exterior walls.

3. Elevator lobbies are not required where elevators are installed in open air parking structures.
4. Elevator lobbies are not required in buildings three stories or less with vertical openings protected in accordance with the applicable occupancy chapter.
5. Elevator lobbies are not required in mercantile occupancies that have properly protected openings for escalators or stairs.
6. Existing installations acceptable to the authority having jurisdiction.
7. For existing buildings or existing structures reference Section 3403.1 (GA Amendments).

(Effective January 1, 2007)

CHAPTER 9
FIRE PROTECTION SYSTEMS

SECTION 903
AUTOMATIC SPRINKLER SYSTEMS

*Revise Section [F] 903.2.7 'Group R' to add exception as follows:

[F] 903.2.7 Group R.

Exception:
Group R-1 and R-2 occupancies which meet the exceptions allowed by the 'Rules and Regulations of the Safety Fire Commissioner chapter 120-3-3 Rules and Regulations for the State Minimum Fire Safety Standards' are exempt from this requirement.

(Effective January 1, 2007)

CHAPTER 11
ACCESSIBILITY

* Delete Chapter 11 'Accessibility' without substitution.

{Cross-reference in State law: Title 30, Chapter 3 of the Official Code of Georgia Annotated (O.C.G.A) and the Rules and Regulations of the Georgia Safety Fire Commissioner.}

CHAPTER 14
EXTERIOR WALLS

SECTION 1404
MATERIALS

*Add new Section 1404.11 'Exterior insulation finish systems' as follows:

1404.11 Exterior insulation finish systems. Exterior Insulation Finish Systems (EIFS) shall be from manufacturers with a current ICC Evaluation Report and shall be installed in accordance with ANSI 99A, ASTM C 1397, ASTM C 1535, ASTM E 2273 (for drainable EIFS), manufacturer's installation instructions and the requirements of this section.

(Effective January 1, 2007)

SECTION 1405
INSTALLATION OF WALL COVERINGS

*Add new Section 1405.18 'Exterior insulation finish systems' as follows:

1405.18 Exterior insulation finish systems. Exterior Insulation Finish Systems (EIFS) shall be installed in accordance with the manufacturer's ICC Evaluation Report criteria and manufacturer's installation and application instructions.
(Effective January 1, 2007)

*Add new Section 1405.19 'Installation of wall coverings' as follows:

1405.19 Installation of wall coverings. Clearance between wall cladding, except masonry veneer, shall be at least 6 inches (152 mm) and a 2-inch (51 mm) clear inspection space above paved areas must be visible below cladding down to the final grade of the top of the soil which is immediately adjacent to the structure.
(Effective January 1, 2007)

CHAPTER 15
ROOF ASSEMBLIES AND ROOFTOP STRUCTURES

SECTION 1507
REQUIREMENTS FOR ROOF COVERINGS

*Revise Section 1507.4.4 'Attachment' to read as follows:

1507.4.4 Attachment. Metal roof panels shall be secured to the supports in accordance with the approved manufacturer's fasteners. In the absence of manufacturer recommendations, the following applicable fasteners shall be used:

1. Galvanized fasteners shall be used for steel roofs.
2. 300 series stainless-steel fasteners shall be used for copper roofs.
3. Stainless-steel fasteners are acceptable for all types of metal roofs.
4. Aluminum fasteners shall be used for aluminum roofing.

(Effective January 1, 2007)

CHAPTER 17
STRUCTURAL TESTS AND SPECIAL INSPECTIONS

SECTION 1701
GENERAL

*Add new Section 1701.4 'Guidelines' as follows:

1701.4 Guidelines. The local building official or authority having jurisdiction shall be authorized to use ACEC/SEAOG SI GL 01-03/16/2006, Georgia Special Inspections Guidelines,

in part or in whole for the purposes of implementing and enforcing the provisions of Chapter 17, 'Structural Tests and Special Inspections', and/or establishing a Special Inspections program for their jurisdiction.
(Effective January 1, 2007)

SECTION 1703
APPROVALS

*Rename Section 1703.7 'Evaluation and follow-up inspection services' as 'Evaluation and follow-up inspection services for "fabricated assemblies."'
(Effective January 1, 2007)

SECTION 1704
SPECIAL INSPECTIONS

*Revise first paragraph of Section 1704.1 'General' to read as follows:

1704.1 General. Where application is made for construction as described in this section, the owner or the registered design professional in responsible charge acting as the owner's agent shall employ one or more special inspectors to provide inspections during construction on the types of work listed under Section 1704. The special inspector shall be qualified in accordance with Table 1704.1. These inspections are in addition to the inspections specified in Section 109.
(Effective January 1, 2007)

*Add new Table 1704.1 'Minimum Special Inspector Qualifications'
See pages 15 through 17.
(Effective January 1, 2007)

*Revise exception #2 to Section 1704.1 'General' to read as follows:

1704.1 General.
Exception # 2:
Special inspections are not required for buildings unless the design involves the practice of professional engineering or architecture as defined by applicable state statutes and regulations governing the professional registrations and certification of engineers or architects, unless specifically exempted in other sections of this code.
(Effective January 1, 2007)

CHAPTER 18
SOILS AND FOUNDATIONS

SECTION 1802
FOUNDATION AND SOILS INVESTIGATIONS

*Delete exception to Section 1802.2 'Where required.'
(Effective January 1, 2007)

SECTION 1803
EXCAVATION, GRADING AND FILL

*Revise the second sentence of Section 1803.2 'Placement of backfill' to read as follows:

1803.2 Placement of backfill.
(First sentence left unchanged.)
…low strength material (CLSM). The backfill shall be placed in lifts not to exceed 12 inches (305 mm) and compacted, in a manner that does not damage the foundation, waterproofing, dampproofing material, or interior and exterior finishes.
(exception left unchanged.)
(Effective January 1, 2007)

*Add new Section 1803.7 'Excavation greater than 10 feet (3048 mm)' as follows:

1803.7 Excavation greater than 10 feet (3048 mm). When an excavation extends more than 10 feet (3048 mm) below the established curb grade nearest the point of excavation under consideration, the one causing the excavation to be made, if given the necessary license to enter the adjoining premises, shall provide at his own expense one of the following:

1. Underpinning and protection required by that part of the excavation which extends to a depth greater than 10 feet (3048 mm) below the established curb grade nearest the point of excavation under consideration, whether or not the existing footings or foundations extend to the depth of 10 feet (3048 mm) or more below curb grade, or,
2. Shoring and bracing of the sides of the excavation required to prevent any soil movement into the excavation. If permanent lateral support is provided, the method used must satisfy requirements of the building official.

(Effective January 1, 2007)

SECTION 1808
PIER AND PILE FOUNDATIONS

*In Section 1808.1 'Definitions,' revise definition of 'Pier Foundations' by changing "12 times" to "10 times."
(Effective January 1, 2007)

SECTION 1812
PIER FOUNDATIONS

*Revise Section 1812.2 'Lateral dimensions and height' to read as follows:

1812.2 Lateral dimensions and height. The minimum horizontal dimension of isolated piers used as foundations shall be 16 inches (406 mm), and the height shall not exceed 10 times the least horizontal dimension.
(Effective January 1, 2007)

CHAPTER 19
CONCRETE

SECTION 1901
GENERAL

*Revise Item #10 of Section 1901.4 'Construction documents' to read as follows:

1901.4 Construction documents.
Item #10:
Stressing sequence for posttensioning tendons for members where the stressing sequence is necessary to properly erect an unconventional structure.
(Effective January 1, 2007)

SECTION 1905
CONCRETE QUALITY, MIXING AND PLACING

*Revise Section 1905.6.1 'Qualified technicians' to read as follows:

1905.6.1 Qualified technicians. Concrete shall be tested in accordance with the requirements in Sections 1905.6.2 through 1905.6.5. Qualified field testing technicians from an approved agency per Table 1704.1 shall perform tests on fresh concrete at the job site, prepare specimens required for curing under field conditions, prepare specimens required for testing in the laboratory and record the temperature of the fresh concrete when preparing specimens for strength tests. Qualified laboratory technicians from an approved agency per Table 1704.1 shall perform all required laboratory tests.
(Effective January 1, 2007)

CHAPTER 21
MASONRY

SECTION 2109
EMPIRICAL DESIGN OF MASONRY

*Revise second sentence of Section 2109.6.3.2 'Bonding with prefabricated joint reinforcement' to read as follows:

2109.6.3.2 Bonding with prefabricated joint reinforcement.
(First sentence left unchanged)
…of wall area. The vertical spacing of the joint reinforcing shall not exceed 16 inches (406 mm).
(Remainder of section left unchanged.)
(Effective January 1, 2007)

CHAPTER 29
PLUMBING SYSTEMS

SECTION 2902
MINIMUM PLUMBING FACILITIES

*Delete the requirements for "service sinks" from Table [P]2902.1 'Minimum Number of Required Plumbing Fixtures[a]' without substitution.
(Effective January 1, 2007)

*Revise Section 2902.4.1 'Location of toilet facilities in occupancies other than covered malls' by revising Exception as follows:

Exception: The location and maximum travel distances to required employee toilet facilities in factory, storage, and industrial occupancies are permitted to exceed that required by this section, provided that the location and maximum travel distance are approved.
(Effective January 1, 2007)

CHAPTER 30
ELEVATORS AND CONVEYING SYSTEMS

SECTION 3006
MACHINE ROOMS

*Revise Section 3006.5 'Shunt trip' to read as follows:

3006.5 Shunt trip. Where elevator hoistways or elevator machine rooms containing elevator control equipment are protected with automatic sprinklers, a means installed in accordance with NFPA 72, Section 3-9.4, Elevator Shutdown, shall be provided to disconnect automatically the main line power supply to the affected elevator prior to the application of water. If the means is located in the affected elevator machine room, it shall be in a water resistant enclosure. This means shall not be self-resetting. The activation of sprinklers outside the hoistway or machine room shall not disconnect the main line power supply. Machine rooms having a two hour fire separation from the building and provided with smoke detection interconnected to the building fire alarm system are not required to be sprinklered.
(Effective January 1, 2007)

CHAPTER 33
SAFEGUARDS DURING CONSTRUCTION

SECTION 3305
SANITARY

*Revise Section 3305.1 'Facilities required' to read as follows:

3305.1 Facilities required. Sanitary facilities shall be provided during construction, remodeling or demolition activities.
(Effective January 1, 2007)

CHAPTER 34
EXISTING STRUCTURES

SECTION 3403
ADDITIONS, ALTERATIONS OR REPAIRS

*Revise Section 3403.1 'Existing buildings or structures' to add at end as follows:

3403.1 Existing buildings or structures.
(Beginning of section left unchanged.)
…a new structure. The extent to which the existing system shall be made to conform to the requirements of the State Minimum Standard Codes for new construction shall be as follows unless otherwise required by this section:

1. When the estimated cost of the new work is less than fifty percent (50%) of the replacement cost of the existing system or building, the new work shall be brought in to conformance with the requirements of the State Minimum Standard Codes for new construction.
2. When the estimated cost of the new work is equal to or greater than fifty percent (50%) of the replacement cost of the existing system or building, the entire system or building shall be made to conform to the requirements of the State Minimum Standard Codes for new construction.
3. For essential service facilities Occupancy Category IV type buildings as defined by Table 1604.5, when the estimated cost of the new work is equal to or greater than thirty percent (30%) of the replacement cost of the existing system, the entire system shall be made to conform to the requirements of the State Minimum Standard Codes for new construction.

(Effective January 1, 2007)

[EB] SECTION 3410
COMPLIANCE ALTERNATIVES

*Delete [EB] Section 3410 'Compliance Alternatives' without substitution.
(Effective January 1, 2007)

CHAPTER 35
REFERENCED STANDARDS

*Revise Chapter 35 'Referenced Standards' to add as follows:

ACEC/G

American Council of Engineering Companies of Georgia
Peachtree Center, Harris Tower, Suite 700
233 Peachtree Street
Atlanta, GA 30303

Standard reference number	Title	Referenced in code section number
ACEC/SEAOG SI GL 01—03/16/2006	Georgia Special Inspections Guidelines……..……..... (Available for download at: http://acecga.org/)	1701.4, GA Amendments

ANSI

American National Standards Institute
25 West 43rd Street, Fourth Floor
New York, NY 10036

Standard reference number	Title	Referenced in code section number
99A—01	American National Standard for Exterior Insulation and Finish Systems (EIFS)…….……	1404.11, GA Amendments

ASME

American Society of Mechanical Engineers
Three Park Avenue
New York, NY 10016-5990

Standard reference number	Title	Referenced in code section number
A17.1—04	Safety Code for Elevators and Escalators with A17.1a-2004 addenda and A17.1S Supplement…….....	707.14.2, GA Amendments

ASTM

ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2859

Standard reference number	Title	Referenced in code section number
C 1397—05	Standard Practice for Application of Class PB Exterior Insulation and Finish Systems……..…..…	1404.11, GA Amendments
C 1535—05	Standard Practice for Application of Exterior Insulation and Finish Systems Class PI……..	1404.11, GA Amendments
E 2273—03	Standard Test Method for Determining the Drainage Efficiency of Exterior Insulation and Finish Systems (EIFS) Clad Wall Assemblies…….....	1404.11, GA Amendments

(Effective January 1, 2007)

End of Amendments.

TABLE 1704.1 MINIMUM SPECIAL INSPECTOR QUALIFICATIONS				
Category of Testing and Inspection	**Minimum Qualifications (refer to key at end of Table)**			
	Shop Inspection	**Field Inspection/ Review**	**Review Submittals**	**Review Testing, Certification, & Lab Reports**
1704.2 Inspection of Fabricators				
Pre-cast Concrete	A, C, D, E			
Structural Steel Construction	C, F, G			
Wood Construction	A			
Cold Formed Metal Construction	A			
1704.3 & 1707.2 Steel Construction				
Welding	C, F, G	C, F, G	A	A, B
High Strength Bolting, Inspection of Steel Frame Joint Details		A, C	A	A, B
1704.4 & 1708.3 Concrete Construction				
Reinforcing Placement, Cast-in-Place Bolts, Pre-stressing Steel installation, Concrete and Shotcrete Placement and curing operations		A, C, H, I		
Erection of pre-cast concrete members		A, C, H		
Concrete Field Testing		A, I, J, H, C		
Review certified mill reports and design mixes			A	
Review use of Required Design Mix		A, I, J, H, C		
Pre-stressed (pre-tensioned) concrete force application	A, C, E			
Post-tensioned concrete force application		A, C, D		
Review of in-situ concrete strength, prior to stressing post-tensioned concrete			A	
Reinforcing steel weldability, reinforcing welding, weld filler material		C, F, G		
1704.5 & 1708.1 Masonry				
Review f'_m prior to construction			A	
Mortar joint construction, grout protection and placement, materials proportion, type/size/location of reinforcement, structural elements, anchorage, and connectors		A, C, K, L		
Sampling/Testing of Grout/Mortar specimens		A, C, (J + M)		
Observe preparation of masonry prisms for testing of compressive strength of masonry, f'_m		A, C, K, L		
Inspection of welding of reinforcing steel		C, F, G		

(continued)

TABLE 1704.1 MINIMUM SPECIAL INSPECTOR QUALIFICATIONS— (continued)				
Category of Testing and Inspection	**Minimum Qualifications (refer to key at end of Table)**			
	Shop Inspection	**Field Inspection/ Review**	**Review Submittals**	**Review Testing, Certification, & Lab Reports**
1704.7 & 1803 Soils				
Observe Site Preparation and Fill Placement with Testing of Compaction for compliance with the Geotechnical Report for the project		A, I		
Observe and Test Bearing Materials below Shallow Foundations for ability to achieve design bearing capacity		A, N		
Review Compaction Testing for compliance with the Geotechnical Report for the project				A
1704.8, 1704.9 & 1808 Pile and Pier Foundations				
Observe Installation		A, N		
Observe Load Tests		A		
1704.10 Sprayed Fire-Resistant Materials				
Observe surface conditions, application, average thickness and density of applied material, and cohesive/adhesive bond		A, C		
1704.11 Mastic and intumescent fire-resistant coatings				
Observe application compliance with AWCI 12-B		A, C		
1704.12 Exterior Insulation and Finish Systems				
Inspect EIFS Systems		A, B, C, O		
1704.13 Special Cases				
Work of unusual or special nature		A, B, O		
[F]1704.14 Smoke Control	*See Requirements of IBC Section [F]1704.14.2.*			
1705, 1707 & 1708 Seismic and Wind Resistance				
Periodic inspection of fabrication, installation and/or anchorage of building systems and components		A		
(Key to table on next page)				

KEY:

A. Georgia Professional Engineer (GA PE) competent in the specific task area or graduate of accredited engineering/engineering technology program under the direct supervision of a GA PE.
B. Georgia Registered Architect (GA RA) or graduate of accredited architecture/architecture technology program under the direction of a GA RA.
C. International Code Council (ICC) Special Inspector Certification specific to the particular material and testing methodology applicable to each Category of Testing and Inspection listed in the table.
D. Post-tensioning Institute (PTI) Certification.
E. Pre-stressed Concrete Institute (PCI) Certified Inspector.
F. American Welding Society (AWS) Certified Welding Inspector (CWI) or AWS Certified Associate Welding Inspector working under the direct on-site supervision of a CWI.
G. American Society for Nondestructive Testing (ASNT) Level II certification or a Level III certification if previously certified as Level II in the particular material and testing methodology applicable to each Category of Testing and Inspection listed in the table.
H. American Concrete Institute (ACI) Concrete Construction Special Inspector.
I. National Institute for Certification of Engineering Technicians (NICET) Level II or III certification specific to the particular material and testing methodology applicable to each Category of Testing and Inspection listed in the table.
J. ACI Concrete Field Testing Technician with Grade 1 certification.
K. Georgia Concrete and Product Association (GC&PA) – Masonry Association of Georgia (MAG) Masonry Construction Inspector Certification.
L. National Concrete Masonry Association (NCMA) Concrete Masonry Testing Procedures certification.
M. GC&PA – MAG Masonry Testing Technician certification.
N. NICET Certified Engineering Technologist (CT).
O. Other Qualified Special Inspector as approved by the Building Official.

Notes**:**

- The minimum qualifications shown are either <u>one or the other per category</u> (not all) unless otherwise stated.
- Materials testing shall be done by an Approved Testing Agency meeting the requirements of IBC Section 1703 and ASTM E 329.
- The Building Official is authorized to approve Special Inspectors who have documented relevant experience and are progressing towards achieving the minimum qualifications noted above prior to January 1, 2008.