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Sequence Number: 12-04-09
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File Date: 12/02/2009

Notice of Rulemaking Hearing

Hearings will be conducted in the manner prescribed by the Uniform Administrative Procedures Act, Tennessee Code Annotated, Section 4-5-204. For questions and copies of the notice, contact the person listed below.

Agency/Board/Commission:	Department of Health
Division:	Division of Health Care Facilities
Contact Person:	Alison G. Cleaves Deputy General Counsel
Address:	220 Athens Way, Suite 210 Nashville, TN 37243
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Any Individuals with disabilities who wish to participate in these proceedings (to review these filings) and may require aid to facilitate such participation should contact the following at least 10 days prior to the hearing:

ADA Contact:	ADA Coordinator
Address:	227 French Landing, Suite 501 Nashville, TN 37243
Phone:	(615) 741-7221
Email:	

Hearing Location(s) (for additional locations, copy and paste table)

Address 1:	
Address 2:	227 French Landing
City:	Nashville, TN
Zip:	37243
Hearing Date :	January 21, 2010
Hearing Time:	10:30 a.m. <input checked="" type="checkbox"/> CST <input type="checkbox"/> EST

Additional Hearing Information:

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Revision Type (check all that apply):

- Amendment
- New
- Repeal

Rule(s) (ALL chapters and rules contained in filing must be listed. If needed, copy and paste additional tables to accommodate more than one chapter. Please enter only **ONE** Rule Number/Rule Title per row.)

Chapter Number	Chapter Title
1200-08-01	Standards for Hospitals
Rule Number	Rule Title

1200-08-01-.08	Building Standards
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Chapter Number	Chapter Title
1200-08-02	Standards for Prescribed Child Care Centers
Rule Number	Rule Title
1200-08-02-.08	Building Standards

Chapter Number	Chapter Title
1200-08-06	Standards for Nursing Homes
Rule Number	Rule Title
1200-08-06-.08	Building Standards

Chapter Number	Chapter Title
1200-08-10	Standards for Ambulatory Surgical Treatment Centers
Rule Number	Rule Title
1200-08-10-.08	Building Standards

Chapter Number	Chapter Title
1200-08-11	Standards for Homes for the Aged
Rule Number	Rule Title
1200-08-11-.07	Building Standards

Chapter Number	Chapter Title
1200-08-15	Standards for Residential Hospice
Rule Number	Rule Title
1200-08-15-.08	Building Standards

Chapter Number	Chapter Title
1200-08-24	Standards for Birthing Centers
Rule Number	Rule Title
1200-08-24-.07	Building Standards

Chapter Number	Chapter Title
1200-08-25	Standards for Assisted Care Living Facilities
Rule Number	Rule Title
1200-08-25-.09	Building Standards

Chapter Number	Chapter Title
1200-08-28	Standards for HIV Supportive Living Facilities
Rule Number	Rule Title
1200-08-28-.08	Building Standards

Chapter Number	Chapter Title
1200-08-32	Standards for End Stage Renal Dialysis Clinics
Rule Number	Rule Title
1200-08-32-.08	Building Standards

Chapter Number	Chapter Title
1200-08-35	Standards for Outpatient Diagnostic Centers
Rule Number	Rule Title
1200-08-35-.08	Building Standards

(Place substance of rules and other info here. Statutory authority must be given for each rule change. For information on formatting rules go to <http://state.tn.us/sos/rules/1360/1360.htm>)

Substance of Proposed Rules

Chapter 1200-08-1
Standards for Hospitals

Chapter 1200-08-2
Standards for Prescribed Child Care Centers

Chapter 1200-08-6
Standards for Nursing Homes

Chapter 1200-08-10
Standards for Ambulatory Surgical Treatment Centers

Chapter 1200-08-11
Standards for Homes for the Aged

Chapter 1200-08-15
Standards for Residential Hospice

Chapter 1200-08-24
Standards for Birthing Centers

Chapter 1200-08-25
Standards for Assisted Care Living Facilities

Chapter 1200-08-28
Standards for HIV Supportive Living Facilities

Chapter 1200-08-32
Standards for End Stage Renal Dialysis Clinics

Chapter 1200-08-35
Standards for Outpatient Diagnostic Centers

Rule Amendments

Rule 1200-08-1-.08, Building Standards is amended by deleting this section in its entirety and substituting it instead with the following:

- (1) A hospital shall construct, arrange, and maintain the condition of the physical plant and the overall hospital environment in such a manner to ensure the safety and well-being of the patients.
- (2) After the applicant has submitted an application and licensure fees, the applicant must submit the building construction plans to the department. All new facilities shall conform to the 2006 edition of the International Building Code, except for Chapter 11 pertaining to accessibility and except for Chapter 27 pertaining to

electrical requirements; the 2006 edition of the International Mechanical Code; the 2006 edition of the International Plumbing Code; the 2006 edition of the International Fuel and Gas Code; the 2006 edition of the National Fire Protection Code (NFPA) NFPA 1 including Annex A which incorporates the 2006 edition of the Life Safety Code; the 2006 Guidelines for Design and Construction of Health Care Facilities; the 2005 edition of the National Electrical Code; and the 2005 edition of the U.S. Public Health Service Food Code as adopted by the Board for Licensing Health Care Facilities. The requirements of the 2004 Americans with Disabilities Act (A.D.A.), and the 1999 edition of North Carolina Handicap Accessibility Codes with 2004 amendments apply to all new facilities and to all existing facilities that are enlarged or substantially altered or repaired after July 1, 2006. When referring to height, area or construction type, the International Building Code shall prevail. Where there are conflicts between requirements in local codes, the above listed codes and regulations and provisions of this chapter, the most stringent requirements shall apply.

- (3) The codes in effect at the time of submittal of plans and specifications, as defined by these rules, shall be the codes to be used throughout the project.
- (4) A licensed contractor shall perform all new construction and renovations to hospitals, other than minor alterations not affecting fire and life safety or functional issues, in accordance with the specific requirements of these regulations governing new construction in hospitals, including the submission of phased construction plans and the final drawings and the specifications to each.
- (5) No new hospital shall be constructed, nor shall major alterations be made to an existing hospital without prior written approval of the department, and unless in accordance with plans and specifications approved in advance by the department. Before any new hospital is licensed or before any alteration or expansion of a licensed hospital can be approved, the applicant must furnish two (2) complete sets of plans and specifications to the department, together with fees and other information as required. Plans and specifications for new construction and major renovations, other than minor alterations not affecting fire and life safety or functional issues, shall be prepared by or under the responsible charge of a licensed architect and/or a licensed engineer and in accordance with the rules of the Board of Architectural and Engineering Examiners.
- (6) Final working drawings and specifications shall be accurately dimensioned and include all necessary explanatory notes, schedules and legends. The working drawings and specifications shall be complete and adequate for contract purposes.
- (7) Detailed plans shall be drawn to a scale of at least one-eighth inch equals one foot ($1/8" = 1'$), and shall show the general arrangement of the building, the intended purpose and the fixed equipment in each room, with such additional information as the department may require. An architect or engineer licensed to practice in the State of Tennessee shall prepare the plans the department requires.
 - (a) The project architect or engineer shall forward two (2) sets of plans to the appropriate section of the department for review. After receipt of approval of phased construction plans, the owner may proceed with site grading and foundation work prior to receipt of approval of final plans and specifications with the owner's understanding that such work is at the owner's own risk and without assurance that final approval of final plans and specifications shall be granted. The project architect or engineer

shall submit final plans and specifications for review and approval. The department must grant final approval before the project proceeds beyond foundation work.

- (b) Review of plans does not eliminate responsibility of owner and/or architect to comply with all rules and regulations.
- (8) Specifications shall supplement all drawings. They shall describe the characteristics of all materials, products and devices, unless fully described and indicated on the drawings. Specification copies should be bound in an 8½ x 11 inch folder.
- (9) Drawings and specifications shall be prepared for each of the following branches of work: Architectural, Structural, Mechanical, Electrical and Sprinkler.
- (10) Architectural drawings shall include:
 - (a) Plot plan(s) showing property lines, finish grade, location of existing and proposed structures, roadways, walks, utilities and parking areas;
 - (b) Floor plan(s) showing scale drawings of typical and special rooms, indicating all fixed and movable equipment and major items of furniture;
 - (c) Separate life safety plans showing the compartment(s), all means of egress and exit markings, exits and travel distances, dimensions of compartments and calculation and tabulation of exit units. All fire and smoke walls must be identified;
 - (d) The elevation of each facade;
 - (e) The typical sections throughout the building;
 - (f) The schedule of finishes;
 - (g) The schedule of doors and windows;
 - (h) Roof plans;
 - (i) Details and dimensions of elevator shaft(s), car platform(s), doors, pit(s), equipment in the machine room, and the rates of car travel must be indicated for elevators; and
 - (j) Code analysis.
- (11) Structural drawings shall include:
 - (a) Plans of foundations, floors, roofs and intermediate levels which show a complete design with sizes, sections and the relative location of the various members;
 - (b) Schedules of beams, girders and columns; and
 - (c) Design live load values for wind, roof, floor, stairs, guard, handrails, and seismic.
- (12) Mechanical drawings shall include:

- (a) Specifications which show the complete heating, ventilating, fire protection, medical gas systems and air conditioning systems;
 - (b) Water supply, sewerage and HVAC piping systems;
 - (c) Pressure relationships shall be shown on all floor plans;
 - (d) Heating, ventilating, HVAC piping, medical gas systems and air conditioning systems with all related piping and auxiliaries to provide a satisfactory installation;
 - (e) Water supply, sewage and drainage with all lines, risers, catch basins, manholes and cleanouts clearly indicated as to location, size, capacities, etc., and location and dimensions of septic tank and disposal field; and
 - (f) Color coding to show clearly supply, return and exhaust systems.
- (13) Electrical drawings shall include:
- (a) A seal, certifying that all electrical work and equipment is in compliance with all applicable codes and that all materials are currently listed by recognized testing laboratories;
 - (b) All electrical wiring, outlets, riser diagrams, switches, special electrical connections, electrical service entrance with service switches, service feeders and characteristics of the light and power current, and transformers when located within the building;
 - (c) An electrical system that complies with applicable codes, and shall include:
 1. The nurses call system;
 2. The paging system;
 3. The fire alarm system; and
 4. The emergency power system including automatic services as defined by the codes.
 - (d) Color coding to show all items on emergency power;
 - (e) Circuit breakers that are properly labeled; and
 - (f) Ground-Fault Circuit Interrupters (GFCI) that are required in all wet areas, such as kitchens, laundries, janitor closets, bath and toilet rooms, etc, and within six (6) feet of any laboratory.
- (14) The electrical drawings shall not include knob and tube wiring, shall not include electrical cords that have splices, and shall not show that the electrical system is overloaded.
- (15) In all new facilities or renovations to existing electrical systems, the installation must be approved by an inspector or agency authorized by the State Fire Marshal.

- (16) Sprinkler drawings shall include:
- (a) Shop drawings, hydraulic calculations, and manufacturer cut sheets;
 - (b) Site plan showing elevation of fire hydrant to building, test hydrant, and flow data (Data from within a 12 month period); and
 - (c) Show "Point of Service" where water is used exclusively for fire protection purposes.
- (17) The licensed contractor shall not install a system of water supply, plumbing, sewage, garbage or refuse disposal nor materially alter or extend any existing system until the architect or engineer submits complete plans and specifications, for the installation, alteration or extension, are submitted to the department demonstrating that all applicable codes have been met and the department has granted necessary approval.
- (a) Before the hospital is used, Tennessee Department of Environment and Conservation shall approve the water supply system.
 - (b) Sewage shall be discharged into a municipal system or approved package system where available; otherwise, the sewage shall be treated and disposed of in a manner of operation approved by the Department of Environment and Conservation and shall comply with existing codes, ordinances and regulations which are enforced by cities, counties or other areas of local political jurisdiction.
 - (c) Water distribution systems shall be arranged to provide hot water at each hot water outlet at all times. Hot water at shower, bathing and hand washing facilities shall be between 105°F and 115°F.
- (18) The licensed contractor shall ensure through the submission of plans and specifications that in each hospital:
- (a) A negative air pressure shall be maintained in the soiled utility area, toilet room, janitor's closet, dishwashing and other such soiled spaces, and a positive air pressure shall be maintained in all clean areas including, but not limited to, clean linen rooms and clean utility rooms;
 - (b) Rooms and areas containing radiation producing machines or radioactive material must have primary and/or secondary barriers to assure compliance with Regulations for Protection Against Radiation and security for materials. Radiation material shall be required to be stored and security must be provided in accordance with federal and state regulations to prevent exposure of the material to theft or tampering.
- (19) When constructing new facilities or during major renovations to the operating suites, the hospital shall ensure that male and female physicians and staff have equitable proportional locker facilities including equal equipment, and similar amenities, with equal access to uniforms. Existing hospitals shall strive to have equitable male and female facilities. If physical changes are required, the additional areas shall maintain the flow and divisions in the sterile environments.
- (20) The department shall acknowledge that it has reviewed plans and specifications in writing with copies sent to the project architect, the project engineer, the owner, the manager or other executive of the institution. The department may modify the distribution of such review at its discretion.

- (21) In the event submitted materials do not appear to satisfactorily comply with 1200-08-1-.08(2), the department shall furnish a letter to the party submitting the plans which shall list the particular items in question and request further explanation and/or confirmation of necessary modifications.
- (22) The licensed contractor shall execute all construction in accordance with the approved plans and specifications.
- (23) If construction begins within one hundred eighty (180) days of the date of department approval, the department's written notification of satisfactory review constitutes compliance with 1200-08-1-.08(2). This approval shall in no way permit and/or authorize any omission or deviation from the requirements of any restrictions, laws, regulations, ordinances, codes or rules of any responsible agency.
- (24) Prior to final inspection, the licensed contractor shall submit a CD Rom disc, in TIF or PDF format, of the final approved plans including all shop drawings, sprinkler, calculations, hood and duct, addenda, specifications, etc., to the department.
- (25) The department requires the following alarms that shall be monitored twenty-four (24) hours per day:
 - (a) Fire alarms;
 - (b) Generators (if applicable); and
 - (c) Medical gas alarms (if applicable).
- (26) Each hospital shall ensure that an emergency keyed lock box is installed next to each bank of functioning elevators located on the main level. Such lock boxes shall be permanently mounted seventy-two inches (72") from the floor to the center of the box, be operable by a universal key no matter where such box is located, and shall contain only fire service keys and drop keys to the appropriate elevators.

Authority: T.C.A. §§ 68-11-202, 68-11-209 and 68-11-261.

Rule 1200-08-02-.07, Building Standards is amended by deleting this section in its entirety and substituting it instead with the following:

- (1) A PCCC shall construct, arrange, and maintain the condition of the physical plant and the overall facility environment in such a manner that the safety and well-being of residents are assured.
- (2) After the applicant has submitted an application and licensure fees, the applicant must submit the building construction plans to the department. All new facilities shall conform to the 2006 edition of the International Building Code, except for Chapter 11 pertaining to accessibility and except for Chapter 27 pertaining to electrical requirements; the 2006 edition of the International Mechanical Code; the 2006 edition of the International Plumbing Code; the 2006 edition of the International Fuel and Gas Code; the 2006 edition of the National Fire Protection Code (NFPA) NFPA 1 including Annex A which incorporates the 2006 edition of the Life Safety Code; the 2005 edition of the National Electrical Code; and the 2005 edition of the U.S. Public Health Service Food Code as adopted by the

Board for Licensing Health Care Facilities. The requirements of the 2004 Americans with Disabilities Act (A.D.A.), and the 1999 edition of North Carolina Handicap Accessibility Codes with 2004 amendments apply to all new facilities and to all existing facilities that are enlarged or substantially altered or repaired after July 1, 2006. When referring to height, area or construction type, the International Building Code shall prevail. Where there are conflicts between requirements in local codes, the above listed codes and regulations and provisions of this chapter, the most stringent requirements shall apply.

- (3) The codes in effect at the time of submittal of plans and specifications, as defined by these rules, shall be the codes to be used throughout the project.
- (4) The licensed contractor shall perform all new construction and renovations to PCCCs, other than minor alterations not affecting fire and life safety or functional issues, in accordance with the specific requirements of these regulations governing new construction in PCCCs, including the submission of phased construction plans and the final drawings and the specifications to each.
- (5) No new PCCC shall be constructed, nor shall major alterations be made to an existing PCCC without prior approval of the department, and unless in accordance with plans and specifications approved in advance by the department. Before any new PCCC is licensed or before any alteration or expansion of a licensed PCCC can be approved, the applicant must furnish two (2) complete sets of plans and specifications to the department, together with fees and other information as required. Plans and specifications for new construction and major renovations, other than minor alterations not affecting fire and life safety or functional issues, shall be prepared by or under the direction of a licensed architect and/or a licensed engineer and in accordance with the rules of the Board of Architectural and Engineering Examiners.
- (6) Final working drawings and specifications shall be accurately dimensioned and include all necessary explanatory notes, schedules and legends. The working drawings and specifications shall be complete and adequate for contract purposes.
- (7) Detailed plans shall be drawn to a scale of at least one-eighth inch equals one foot ($1/8" = 1'$), and shall show the general arrangement of the building, the intended purpose and the fixed equipment in each room, with such additional information as the department may require. An architect or engineer licensed to practice in the State of Tennessee shall prepare the plans the department requires.
 - (a) The project architect or engineer shall forward two (2) sets of plans to the appropriate section of the department for review. After receipt of approval of phased construction plans, the owner may proceed with site grading and foundation work prior to receipt of approval of final plans and specifications with the owner's understanding that such work is at the owner's own risk and without assurance that final approval of final plans and specifications shall be granted. The project architect or engineer shall submit final plans and specifications for review and approval. The department must grant final approval before the project proceeds beyond foundation work.
 - (b) Review of plans does not eliminate responsibility of owner and/or architect to comply with all rules and regulations.

- (8) Specifications shall supplement all drawings. They shall describe the characteristics of all materials, products and devices, unless fully described and indicated on the drawings. Specification copies should be bound in an 8½ x 11 inch folder.
- (9) Drawings and specifications shall be prepared for each of the following branches of work: Architectural, Structural, Mechanical, Electrical and Sprinkler.
- (10) Architectural drawings shall include:
 - (a) Plot plan(s) showing property lines, finish grade, location of existing and proposed structures, roadways, walks, utilities and parking areas;
 - (b) Floor plan(s) showing scale drawings of typical and special rooms, indicating all fixed and movable equipment and major items of furniture;
 - (c) Separate life safety plans showing the compartment(s), all means of egress and exit markings, exits and travel distances, dimensions of compartments and calculation and tabulation of exit units. All fire and smoke walls must be identified;
 - (d) The elevation of each facade;
 - (e) The typical sections throughout the building;
 - (f) The schedule of finishes;
 - (g) The schedule of doors and windows;
 - (h) Roof plans;
 - (i) Details and dimensions of elevator shaft(s), car platform(s), doors, pit(s), equipment in the machine room, and the rates of car travel must be indicated for elevators; and
 - (j) Code analysis.
- (11) Structural drawings shall include:
 - (a) Plans of foundations, floors, roofs and intermediate levels which show a complete design with sizes, sections and the relative location of the various members;
 - (b) Schedules of beams, girders and columns; and
 - (c) Design live load values for wind, roof, floor, stairs, guard, handrails, and seismic.
- (12) Mechanical drawings shall include:
 - (a) Specifications which show the complete heating, ventilating, fire protection, medical gas systems and air conditioning systems;
 - (b) Water supply, sewerage and HVAC piping systems;
 - (c) Pressure relationships shall be shown on all floor plans;

- (d) Heating, ventilating, HVAC piping, medical gas systems and air conditioning systems with all related piping and auxiliaries to provide a satisfactory installation;
 - (e) Water supply, sewage and drainage with all lines, risers, catch basins, manholes and cleanouts clearly indicated as to location, size, capacities, etc., and location and dimensions of septic tank and disposal field; and
 - (f) Color coding to show clearly supply, return and exhaust systems.
- (13) Electrical drawings shall include:
- (a) A seal, certifying that all electrical work and equipment is in compliance with all applicable codes and that all materials are currently listed by recognized testing laboratories;
 - (b) All electrical wiring, outlets, riser diagrams, switches, special electrical connections, electrical service entrance with service switches, service feeders and characteristics of the light and power current, and transformers when located within the building;
 - (c) An electrical system that complies with applicable codes, and shall include:
 1. The nurses call system;
 2. The paging system;
 3. The fire alarm system; and
 4. The emergency power system including automatic services as defined by the codes.
 - (d) Color coding to show all items on emergency power;
 - (e) Circuit breakers that are properly labeled; and
 - (f) Ground-Fault Circuit Interrupters (GFCI) that are required in all wet areas, such as kitchens, laundries, janitor closets, bath and toilet rooms, etc, and within six (6) feet of any laboratory.
- (14) The electrical drawings shall not include knob and tube wiring, shall not include electrical cords that have splices, and shall not show that the electrical system is overloaded.
- (15) In all new facilities or renovations to existing electrical systems, the installation must be approved by an inspector or agency authorized by the State Fire Marshal.
- (16) Sprinkler drawings shall include:
- (a) Shop drawings, hydraulic calculations, and manufacturer cut sheets;
 - (b) Site plan showing elevation of fire hydrant to building, test hydrant, and flow data (Data from within a 12 month period); and

- (c) Show "Point of Service" where water is used exclusively for fire protection purposes.
- (17) The licensed contractor shall not install a system of water supply, plumbing, sewage, garbage or refuse disposal nor materially alter or extend any existing system until the architect or engineer submits complete plans and specifications, for the installation, alteration or extension, are submitted to the department demonstrating that all applicable codes have been met and the department has granted necessary approval.
 - (a) Before the PCCC is used, Tennessee Department of Environment and Conservation shall approve the water supply system.
 - (b) Sewage shall be discharged into a municipal system or approved package system where available; otherwise, the sewage shall be treated and disposed of in a manner of operation approved by the Department of Environment and Conservation and shall comply with existing codes, ordinances and regulations which are enforced by cities, counties or other areas of local political jurisdiction.
 - (c) Water distribution systems shall be arranged to provide hot water at each hot water outlet at all times. Hot water at shower, bathing and hand washing facilities shall be between 105°F and 115°F.
- (18) The licensed contractor shall ensure through the submission of plans and specifications that in each PCCC a negative air pressure shall be maintained in the soiled utility area, toilet room, janitor's closet, dishwashing and other such soiled spaces, and a positive air pressure shall be maintained in all clean areas including, but not limited to, clean linen rooms and clean utility rooms.
- (19) The department shall acknowledge that it has reviewed plans and specifications in writing with copies sent to the project architect, the project engineer, the owner, the manager or other executive of the institution. The department may modify the distribution of such review at its discretion.
- (20) In the event submitted materials do not appear to satisfactorily comply with 1200-08-2-.07(2), the department shall furnish a letter to the party submitting the plans which shall list the particular items in question and request further explanation and/or confirmation of necessary modifications.
- (21) The licensed contractor shall execute all construction in accordance with the approved plans and specifications.
- (22) If construction begins within one hundred eighty (180) days of the date of department approval, the department's written notification of satisfactory review constitutes compliance with 1200-08-2-.07(2). This approval shall in no way permit and/or authorize any omission or deviation from the requirements of any restrictions, laws, regulations, ordinances, codes or rules of any responsible agency.
- (23) Prior to final inspection, the licensed contractor shall submit a CD Rom disc, in TIF or PDF format, of the final approved plans including all shop drawings, sprinkler, calculations, hood and duct, addenda, specifications, etc., to the department.

- (24) The department requires the following alarms that shall be monitored twenty-four (24) hours per day:
 - (a) Fire alarms;
 - (b) Generators (if applicable); and
 - (c) Medical gas alarms (if applicable).

Authority: T.C.A. §§ 68-11-202 and 68-11-209.

Rule 1200-08-06-.08, Building Standards is amended by deleting this section in its entirety and substituting it instead with the following:

- (1) A nursing home shall construct, arrange, and maintain the condition of the physical plant and the overall nursing home environment in such a manner that the safety and well-being of residents are assured.
- (2) After the applicant has submitted an application and licensure fees, the applicant must submit the building construction plans to the department. All new facilities shall conform to the 2006 edition of the International Building Code, except for Chapter 11 pertaining to accessibility and except for Chapter 27 pertaining to electrical requirements; the 2006 edition of the International Mechanical Code; the 2006 edition of the International Plumbing Code; the 2006 edition of the International Fuel and Gas Code; the 2006 edition of the National Fire Protection Code (NFPA) NFPA 1 including Annex A which incorporates the 2006 edition of the Life Safety Code; the 2006 Guidelines for Design and Construction of Health Care Facilities; the 2005 edition of the National Electrical Code; and the 2005 edition of the U.S. Public Health Service Food Code as adopted by the Board for Licensing Health Care Facilities. The requirements of the 2004 Americans with Disabilities Act (A.D.A.), and the 1999 edition of North Carolina Handicap Accessibility Codes with 2004 amendments apply to all new facilities and to all existing facilities that are enlarged or substantially altered or repaired after July 1, 2006. When referring to height, area or construction type, the International Building Code shall prevail. Where there are conflicts between requirements in local codes, the above listed codes and regulations and provisions of this chapter, the most stringent requirements shall apply.
- (3) The codes in effect at the time of submittal of plans and specifications, as defined by these rules, shall be the codes to be used throughout the project.
- (4) The licensed contractor shall perform all new construction and renovations to nursing homes, other than minor alterations not affecting fire and life safety or functional issues, in accordance with the specific requirements of these regulations governing new construction in nursing homes, including the submission of phased construction plans and the final drawings and the specifications to each.
- (5) No new nursing home shall be constructed, nor shall major alterations be made to an existing nursing home without prior approval of the department, and unless in accordance with plans and specifications approved in advance by the department. Before any new nursing home is licensed or before any alteration or expansion of a licensed nursing home can be approved, the applicant must furnish two (2) complete sets of plans and specifications to the department,

together with fees and other information as required. Plans and specifications for new construction and major renovations, other than minor alterations not affecting fire and life safety or functional issues, shall be prepared by or under the direction of a licensed architect and/or a licensed engineer and in accordance with the rules of the Board of Architectural and Engineering Examiners.

- (6) Final working drawings and specifications shall be accurately dimensioned and include all necessary explanatory notes, schedules and legends. The working drawings and specifications shall be complete and adequate for contract purposes.
- (7) Detailed plans shall be drawn to a scale of at least one-eighth inch equals one foot ($1/8" = 1'$), and shall show the general arrangement of the building, the intended purpose and the fixed equipment in each room, with such additional information as the department may require. An architect or engineer licensed to practice in the State of Tennessee shall prepare the plans the department requires.
 - (a) The project architect or engineer shall forward two (2) sets of plans to the appropriate section of the department for review. After receipt of approval of phased construction plans, the owner may proceed with site grading and foundation work prior to receipt of approval of final plans and specifications with the owner's understanding that such work is at the owner's own risk and without assurance that final approval of final plans and specifications shall be granted. The project architect or engineer shall submit final plans and specifications for review and approval. The department must grant final approval before the project proceeds beyond foundation work.
 - (b) Review of plans does not eliminate responsibility of owner and/or architect to comply with all rules and regulations.
- (8) Specifications shall supplement all drawings. They shall describe the characteristics of all materials, products and devices, unless fully described and indicated on the drawings. Specification copies should be bound in an 8½ x 11 inch folder.
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- (10) Architectural drawings shall include:
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 - (b) Floor plan(s) showing scale drawings of typical and special rooms, indicating all fixed and movable equipment and major items of furniture;
 - (c) Separate life safety plans showing the compartment(s), all means of egress and exit markings, exits and travel distances, dimensions of compartments and calculation and tabulation of exit units. All fire and smoke walls must be identified;
 - (d) The elevation of each facade;
 - (e) The typical sections throughout the building;

- (f) The schedule of finishes;
 - (g) The schedule of doors and windows;
 - (h) Roof plans;
 - (i) Details and dimensions of elevator shaft(s), car platform(s), doors, pit(s), equipment in the machine room, and the rates of car travel must be indicated for elevators; and
 - (j) Code analysis.
- (11) Structural drawings shall include:
- (a) Plans of foundations, floors, roofs and intermediate levels which show a complete design with sizes, sections and the relative location of the various members;
 - (b) Schedules of beams, girders and columns; and
 - (c) Design live load values for wind, roof, floor, stairs, guard, handrails, and seismic.
- (12) Mechanical drawings shall include:
- (a) Specifications which show the complete heating, ventilating, fire protection, medical gas systems and air conditioning systems;
 - (b) Water supply, sewerage and HVAC piping systems;
 - (c) Pressure relationships shall be shown on all floor plans;
 - (d) Heating, ventilating, HVAC piping, medical gas systems and air conditioning systems with all related piping and auxiliaries to provide a satisfactory installation;
 - (e) Water supply, sewage and drainage with all lines, risers, catch basins, manholes and cleanouts clearly indicated as to location, size, capacities, etc., and location and dimensions of septic tank and disposal field; and
 - (f) Color coding to show clearly supply, return and exhaust systems.
- (13) Electrical drawings shall include:
- (a) A seal, certifying that all electrical work and equipment is in compliance with all applicable codes and that all materials are currently listed by recognized testing laboratories;
 - (b) All electrical wiring, outlets, riser diagrams, switches, special electrical connections, electrical service entrance with service switches, service feeders and characteristics of the light and power current, and transformers when located within the building;
 - (c) An electrical system that complies with applicable codes, and shall include:

1. The nurses call system;
 2. The paging system;
 3. The fire alarm system; and
 4. The emergency power system including automatic services as defined by the codes.
- (d) Color coding to show all items on emergency power;
- (e) Circuit breakers that are properly labeled; and
- (f) Ground-Fault Circuit Interrupters (GFCI) that are required in all wet areas, such as kitchens, laundries, janitor closets, bath and toilet rooms, etc, and within six (6) feet of any laboratory.
- (14) The electrical drawings shall not include knob and tube wiring, shall not include electrical cords that have splices, and shall not show that the electrical system is overloaded.
- (15) In all new facilities or renovations to existing electrical systems, the installation must be approved by an inspector or agency authorized by the State Fire Marshal.
- (16) Sprinkler drawings shall include:
- (a) Shop drawings, hydraulic calculations, and manufacturer cut sheets;
 - (b) Site plan showing elevation of fire hydrant to building, test hydrant, and flow data (Data from within a 12 month period); and
 - (c) Show "Point of Service" where water is used exclusively for fire protection purposes.
- (17) The licensed contractor shall not install a system of water supply, plumbing, sewage, garbage or refuse disposal nor materially alter or extend any existing system until the architect or engineer submits complete plans and specifications, for the installation, alteration or extension, are submitted to the department demonstrating that all applicable codes have been met and the department has granted necessary approval.
- (a) Before the nursing home is used, Tennessee Department of Environment and Conservation shall approve the water supply system.
 - (b) Sewage shall be discharged into a municipal system or approved package system where available; otherwise, the sewage shall be treated and disposed of in a manner of operation approved by the Department of Environment and Conservation and shall comply with existing codes, ordinances and regulations which are enforced by cities, counties or other areas of local political jurisdiction.
 - (c) Water distribution systems shall be arranged to provide hot water at each hot water outlet at all times. Hot water at shower, bathing and hand washing facilities shall be between 105°F and 115°F.

- (18) The licensed contractor shall ensure through the submission of plans and specifications that in each nursing home a negative air pressure shall be maintained in the soiled utility area, toilet room, janitor's closet, dishwashing and other such soiled spaces, and a positive air pressure shall be maintained in all clean areas including, but not limited to, clean linen rooms and clean utility rooms.
- (19) The department shall acknowledge that it has reviewed plans and specifications in writing with copies sent to the project architect, the project engineer, the owner, the manager or other executive of the institution. The department may modify the distribution of such review at its discretion.
- (20) In the event submitted materials do not appear to satisfactorily comply with 1200-08-6-.08(2), the department shall furnish a letter to the party submitting the plans which shall list the particular items in question and request further explanation and/or confirmation of necessary modifications.
- (21) The licensed contractor shall execute all construction in accordance with the approved plans and specifications.
- (22) If construction begins within one hundred eighty (180) days of the date of department approval, the department's written notification of satisfactory review constitutes compliance with 1200-08-6-.08(2). This approval shall in no way permit and/or authorize any omission or deviation from the requirements of any restrictions, laws, regulations, ordinances, codes or rules of any responsible agency.
- (23) Prior to final inspection, the licensed contractor shall submit a CD Rom disc, in TIF or PDF format, of the final approved plans including all shop drawings, sprinkler, calculations, hood and duct, addenda, specifications, etc., to the department.
- (24) The department requires the following alarms that shall be monitored twenty-four (24) hours per day:
 - (a) Fire alarms;
 - (b) Generators (if applicable); and
 - (c) Medical gas alarms (if applicable).
- (25) Each nursing home shall ensure that an emergency keyed lock box is installed next to each bank of functioning elevators located on the main level. Such lock boxes shall be permanently mounted seventy-two inches (72") from the floor to the center of the box, be operable by a universal key no matter where such box is located, and shall contain only fire service keys and drop keys to the appropriate elevators.

Authority: T.C.A. §§ 68-11-202, 68-11-209 and 68-11-261.

Rule 1200-08-10-.08, Building Standards is amended by deleting this section in its entirety and substituting it instead with the following:

- (1) An ASTC shall construct, arrange, and maintain the condition of the physical plant and the overall ASTC environment in such a manner that the safety and well-being of patients are assured.
- (2) After the applicant has submitted an application and licensure fees, the applicant must submit the building construction plans to the department. All new facilities shall conform to the 2006 edition of the International Building Code, except for Chapter 11 pertaining to accessibility and except for Chapter 27 pertaining to electrical requirements; the 2006 edition of the International Mechanical Code; the 2006 edition of the International Plumbing Code; the 2006 edition of the International Fuel and Gas Code; the 2006 edition of the National Fire Protection Code (NFPA) NFPA 1 including Annex A which incorporates the 2006 edition of the Life Safety Code; the 2006 Guidelines for Design and Construction of Health Care Facilities; and the 2005 edition of the National Electrical Code. The requirements of the 2004 Americans with Disabilities Act (A.D.A.), and the 1999 edition of North Carolina Handicap Accessibility Codes with 2004 amendments apply to all new facilities and to all existing facilities that are enlarged or substantially altered or repaired after July 1, 2006. When referring to height, area or construction type, the International Building Code shall prevail. Where there are conflicts between requirements in local codes, the above listed codes and regulations and provisions of this chapter, the most stringent requirements shall apply.
- (3) The codes in effect at the time of submittal of plans and specifications, as defined by these rules, shall be the codes to be used throughout the project.
- (4) The licensed contractor shall perform all new construction and renovations to ASTCs, other than minor alterations not affecting fire and life safety or functional issues, in accordance with the specific requirements of these regulations governing new construction in ASTCs, including the submission of phased construction plans and the final drawings and the specifications to each.
- (5) No new ASTC shall be constructed, nor shall major alterations be made to an existing ASTC without prior approval of the department, and unless in accordance with plans and specifications approved in advance by the department. Before any new ASTC is licensed or before any alteration or expansion of a licensed ASTC can be approved, the applicant must furnish two (2) complete sets of plans and specifications to the department, together with fees and other information as required. Plans and specifications for new construction and major renovations, other than minor alterations not affecting fire and life safety or functional issues, shall be prepared by or under the direction of a licensed architect and/or a licensed engineer and in accordance with the rules of the Board of Architectural and Engineering Examiners.
- (6) Final working drawings and specifications shall be accurately dimensioned and include all necessary explanatory notes, schedules and legends. The working drawings and specifications shall be complete and adequate for contract purposes.
- (7) Detailed plans shall be drawn to a scale of at least one-eighth inch equals one foot ($1/8" = 1'$), and shall show the general arrangement of the building, the intended purpose and the fixed equipment in each room, with such additional information as the department may require. An architect or engineer licensed to practice in the State of Tennessee shall prepare the plans the department requires.

- (a) The project architect or engineer shall forward two (2) sets of plans to the appropriate section of the department for review. After receipt of approval of phased construction plans, the owner may proceed with site grading and foundation work prior to receipt of approval of final plans and specifications with the owner's understanding that such work is at the owner's own risk and without assurance that final approval of final plans and specifications shall be granted. The project architect or engineer shall submit final plans and specifications for review and approval. The department must grant final approval before the project proceeds beyond foundation work.
- (b) Review of plans does not eliminate responsibility of owner and/or architect to comply with all rules and regulations.
- (8) Specifications shall supplement all drawings. They shall describe the characteristics of all materials, products and devices, unless fully described and indicated on the drawings. Specification copies should be bound in an 8½ x 11 inch folder.
- (9) Drawings and specifications shall be prepared for each of the following branches of work: Architectural, Structural, Mechanical, Electrical and Sprinkler.
- (10) Architectural drawings shall include:
 - (a) Plot plan(s) showing property lines, finish grade, location of existing and proposed structures, roadways, walks, utilities and parking areas;
 - (b) Floor plan(s) showing scale drawings of typical and special rooms, indicating all fixed and movable equipment and major items of furniture;
 - (c) Separate life safety plans showing the compartment(s), all means of egress and exit markings, exits and travel distances, dimensions of compartments and calculation and tabulation of exit units. All fire and smoke walls must be identified;
 - (d) The elevation of each facade;
 - (e) The typical sections throughout the building;
 - (f) The schedule of finishes;
 - (g) The schedule of doors and windows;
 - (h) Roof plans;
 - (i) Details and dimensions of elevator shaft(s), car platform(s), doors, pit(s), equipment in the machine room, and the rates of car travel must be indicated for elevators; and
 - (j) Code analysis.
- (11) Structural drawings shall include:
 - (a) Plans of foundations, floors, roofs and intermediate levels which show a complete design with sizes, sections and the relative location of the various members;

- (b) Schedules of beams, girders and columns; and
 - (c) Design live load values for wind, roof, floor, stairs, guard, handrails, and seismic.
- (12) Mechanical drawings shall include:
- (a) Specifications which show the complete heating, ventilating, fire protection, medical gas systems and air conditioning systems;
 - (b) Water supply, sewerage and HVAC piping systems;
 - (c) Pressure relationships shall be shown on all floor plans;
 - (d) Heating, ventilating, HVAC piping, medical gas systems and air conditioning systems with all related piping and auxiliaries to provide a satisfactory installation;
 - (e) Water supply, sewage and drainage with all lines, risers, catch basins, manholes and cleanouts clearly indicated as to location, size, capacities, etc., and location and dimensions of septic tank and disposal field; and
 - (f) Color coding to show clearly supply, return and exhaust systems.
- (13) Electrical drawings shall include:
- (a) A seal, certifying that all electrical work and equipment is in compliance with all applicable codes and that all materials are currently listed by recognized testing laboratories;
 - (b) All electrical wiring, outlets, riser diagrams, switches, special electrical connections, electrical service entrance with service switches, service feeders and characteristics of the light and power current, and transformers when located within the building;
 - (c) An electrical system that complies with applicable codes, and shall include:
 1. The nurses call system;
 2. The paging system;
 3. The fire alarm system; and
 4. The emergency power system including automatic services as defined by the codes.
 - (d) Color coding to show all items on emergency power;
 - (e) Circuit breakers that are properly labeled; and
 - (f) Ground-Fault Circuit Interrupters (GFCI) that are required in all wet areas, such as kitchens, laundries, janitor closets, bath and toilet rooms, etc, and within six (6) feet of any laboratory.

- (14) The electrical drawings shall not include knob and tube wiring, shall not include electrical cords that have splices, and shall not show that the electrical system is overloaded.
- (15) In all new facilities or renovations to existing electrical systems, the installation must be approved by an inspector or agency authorized by the State Fire Marshal.
- (16) Sprinkler drawings shall include:
 - (a) Shop drawings, hydraulic calculations, and manufacturer cut sheets;
 - (b) Site plan showing elevation of fire hydrant to building, test hydrant, and flow data (Data from within a 12 month period); and
 - (c) Show "Point of Service" where water is used exclusively for fire protection purposes.
- (17) The licensed contractor shall not install a system of water supply, plumbing, sewage, garbage or refuse disposal nor materially alter or extend any existing system until the architect or engineer submits complete plans and specifications, for the installation, alteration or extension, are submitted to the department demonstrating that all applicable codes have been met and the department has granted necessary approval.
 - (a) Before the ASTC is used, Tennessee Department of Environment and Conservation shall approve the water supply system.
 - (b) Sewage shall be discharged into a municipal system or approved package system where available; otherwise, the sewage shall be treated and disposed of in a manner of operation approved by the Department of Environment and Conservation and shall comply with existing codes, ordinances and regulations which are enforced by cities, counties or other areas of local political jurisdiction.
 - (c) Water distribution systems shall be arranged to provide hot water at each hot water outlet at all times. Hot water at shower, bathing and hand washing facilities shall be between 105°F and 115°F.
- (18) The licensed contractor shall ensure through the submission of plans and specifications that in each ASTC a negative air pressure shall be maintained in the soiled utility area, toilet room, janitor's closet, dishwashing and other such soiled spaces, and a positive air pressure shall be maintained in all clean areas including, but not limited to, clean linen rooms and clean utility rooms.
- (19) The department shall acknowledge that it has reviewed plans and specifications in writing with copies sent to the project architect, the project engineer, the owner, the manager or other executive of the institution. The department may modify the distribution of such review at its discretion.
- (20) In the event submitted materials do not appear to satisfactorily comply with 1200-08-10-.08(2), the department shall furnish a letter to the party submitting the plans which shall list the particular items in question and request further explanation and/or confirmation of necessary modifications.

- (21) The licensed contractor shall execute all construction in accordance with the approved plans and specifications.
- (22) If construction begins within one hundred eighty (180) days of the date of department approval, the department's written notification of satisfactory review constitutes compliance with 1200-08-10-.08(2). This approval shall in no way permit and/or authorize any omission or deviation from the requirements of any restrictions, laws, regulations, ordinances, codes or rules of any responsible agency.
- (23) Prior to final inspection, the licensed contractor shall submit a CD Rom disc, in TIF or PDF format, of the final approved plans including all shop drawings, sprinkler, calculations, hood and duct, addenda, specifications, etc., to the department.
- (24) The department requires the following alarms that shall be monitored twenty-four (24) hours per day:
 - (a) Fire alarms;
 - (b) Generators (if applicable); and
 - (c) Medical gas alarms (if applicable).
- (25) With the submission of plans the facility shall specify the evacuation capabilities of the patients as defined in the National Fire Protection Code (NFPA). This declaration will determine the design and construction requirements of the facility.
- (26) Each ASTC shall ensure that an emergency keyed lock box is installed next to each bank of functioning elevators located on the main level. Such lock boxes shall be permanently mounted seventy-two inches (72") from the floor to the center of the box, be operable by a universal key no matter where such box is located, and shall contain only fire service keys and drop keys to the appropriate elevators.

Authority: T.C.A. §§ 68-11-202, 68-11-209 and 68-11-261.

Rule 1200-08-11-.07, Building Standards is amended by deleting this section in its entirety and substituting it instead with the following:

- (1) An RHA shall construct, arrange, and maintain the condition of the physical plant and the overall RHA environment in such a manner that the safety and well-being of patients are assured.
- (2) After the applicant has submitted an application and licensure fees, the applicant must submit the building construction plans to the department. All new facilities shall conform to the 2006 edition of the International Building Code, except for Chapter 11 pertaining to accessibility and except for Chapter 27 pertaining to electrical requirements; the 2006 edition of the International Mechanical Code; the 2006 edition of the International Plumbing Code; the 2006 edition of the International Fuel and Gas Code; the 2006 edition of the National Fire Protection Code (NFPA) NFPA 1 including Annex A which incorporates the 2006 edition of the Life Safety Code; the 2005 edition of the National Electrical Code; and the

2005 edition of the U.S. Public Health Service Food Code as adopted by the Board for Licensing Health Care Facilities. The requirements of the 2004 Americans with Disabilities Act (A.D.A.), and the 1999 edition of North Carolina Handicap Accessibility Codes with 2004 amendments apply to all new facilities and to all existing facilities that are enlarged or substantially altered or repaired after July 1, 2006. When referring to height, area or construction type, the International Building Code shall prevail. Where there are conflicts between requirements in local codes, the above listed codes and regulations and provisions of this chapter, the most stringent requirements shall apply.

- (3) The codes in effect at the time of submittal of plans and specifications, as defined by these rules, shall be the codes to be used throughout the project.
- (4) The licensed contractor shall perform all new construction and renovations to RHAs, other than minor alterations not affecting fire and life safety or functional issues, in accordance with the specific requirements of these regulations governing new construction in RHAs, including the submission of phased construction plans and the final drawings and the specifications to each.
- (5) No new RHA shall be constructed, nor shall major alterations be made to an existing RHA without prior approval of the department, and unless in accordance with plans and specifications approved in advance by the department. Before any new RHA is licensed or before any alteration or expansion of a licensed RHA can be approved, the applicant must furnish two (2) complete sets of plans and specifications to the department, together with fees and other information as required. Plans and specifications for new construction and major renovations, other than minor alterations not affecting fire and life safety or functional issues, shall be prepared by or under the direction of a licensed architect and/or a licensed engineer and in accordance with the rules of the Board of Architectural and Engineering Examiners.
- (6) Final working drawings and specifications shall be accurately dimensioned and include all necessary explanatory notes, schedules and legends. The working drawings and specifications shall be complete and adequate for contract purposes.
- (7) Detailed plans shall be drawn to a scale of at least one-eighth inch equals one foot ($1/8" = 1'$), and shall show the general arrangement of the building, the intended purpose and the fixed equipment in each room, with such additional information as the department may require. An architect or engineer licensed to practice in the State of Tennessee shall prepare the plans the department requires.
 - (a) The project architect or engineer shall forward two (2) sets of plans to the appropriate section of the department for review. After receipt of approval of phased construction plans, the owner may proceed with site grading and foundation work prior to receipt of approval of final plans and specifications with the owner's understanding that such work is at the owner's own risk and without assurance that final approval of final plans and specifications shall be granted. The project architect or engineer shall submit final plans and specifications for review and approval. The department must grant final approval before the project proceeds beyond foundation work.
 - (b) Review of plans does not eliminate responsibility of owner and/or architect to comply with all rules and regulations.

- (8) Specifications shall supplement all drawings. They shall describe the characteristics of all materials, products and devices, unless fully described and indicated on the drawings. Specification copies should be bound in an 8½ x 11 inch folder.
- (9) Drawings and specifications shall be prepared for each of the following branches of work: Architectural, Structural, Mechanical, Electrical and Sprinkler.
- (10) Architectural drawings shall include:
 - (a) Plot plan(s) showing property lines, finish grade, location of existing and proposed structures, roadways, walks, utilities and parking areas;
 - (b) Floor plan(s) showing scale drawings of typical and special rooms, indicating all fixed and movable equipment and major items of furniture;
 - (c) Separate life safety plans showing the compartment(s), all means of egress and exit markings, exits and travel distances, dimensions of compartments and calculation and tabulation of exit units. All fire and smoke walls must be identified;
 - (d) The elevation of each facade;
 - (e) The typical sections throughout the building;
 - (f) The schedule of finishes;
 - (g) The schedule of doors and windows;
 - (h) Roof plans;
 - (i) Details and dimensions of elevator shaft(s), car platform(s), doors, pit(s), equipment in the machine room, and the rates of car travel must be indicated for elevators; and
 - (j) Code analysis.
- (11) Structural drawings shall include:
 - (a) Plans of foundations, floors, roofs and intermediate levels which show a complete design with sizes, sections and the relative location of the various members;
 - (b) Schedules of beams, girders and columns; and
 - (c) Design live load values for wind, roof, floor, stairs, guard, handrails, and seismic.
- (12) Mechanical drawings shall include:
 - (a) Specifications which show the complete heating, ventilating, fire protection, medical gas systems and air conditioning systems;
 - (b) Water supply, sewerage and HVAC piping systems;
 - (c) Pressure relationships shall be shown on all floor plans;

- (d) Heating, ventilating, HVAC piping, medical gas systems and air conditioning systems with all related piping and auxiliaries to provide a satisfactory installation;
 - (e) Water supply, sewage and drainage with all lines, risers, catch basins, manholes and cleanouts clearly indicated as to location, size, capacities, etc., and location and dimensions of septic tank and disposal field; and
 - (f) Color coding to show clearly supply, return and exhaust systems.
- (13) Electrical drawings shall include:
- (a) A seal, certifying that all electrical work and equipment is in compliance with all applicable codes and that all materials are currently listed by recognized testing laboratories;
 - (b) All electrical wiring, outlets, riser diagrams, switches, special electrical connections, electrical service entrance with service switches, service feeders and characteristics of the light and power current, and transformers when located within the building;
 - (c) An electrical system that complies with applicable codes, and shall include:
 1. The nurses call system;
 2. The paging system;
 3. The fire alarm system; and
 4. The emergency power system including automatic services as defined by the codes.
 - (d) Color coding to show all items on emergency power;
 - (e) Circuit breakers that are properly labeled; and
 - (f) Ground-Fault Circuit Interrupters (GFCI) that are required in all wet areas, such as kitchens, laundries, janitor closets, bath and toilet rooms, etc, and within six (6) feet of any laboratory.
- (14) The electrical drawings shall not include knob and tube wiring, shall not include electrical cords that have splices, and shall not show that the electrical system is overloaded.
- (15) In all new facilities or renovations to existing electrical systems, the installation must be approved by an inspector or agency authorized by the State Fire Marshal.
- (16) Sprinkler drawings shall include:
- (a) Shop drawings, hydraulic calculations, and manufacturer cut sheets;
 - (b) Site plan showing elevation of fire hydrant to building, test hydrant, and flow data (Data from within a 12 month period); and

- (c) Show "Point of Service" where water is used exclusively for fire protection purposes.
- (17) The licensed contractor shall not install a system of water supply, plumbing, sewage, garbage or refuse disposal nor materially alter or extend any existing system until the architect or engineer submits complete plans and specifications, for the installation, alteration or extension, are submitted to the department demonstrating that all applicable codes have been met and the department has granted necessary approval.
- (a) Before the RHA is used, Tennessee Department of Environment and Conservation shall approve the water supply system.
 - (b) Sewage shall be discharged into a municipal system or approved package system where available; otherwise, the sewage shall be treated and disposed of in a manner of operation approved by the Department of Environment and Conservation and shall comply with existing codes, ordinances and regulations which are enforced by cities, counties or other areas of local political jurisdiction.
 - (c) Water distribution systems shall be arranged to provide hot water at each hot water outlet at all times. Hot water at shower, bathing and hand washing facilities shall be between 105°F and 115°F.
- (18) The licensed contractor shall ensure through the submission of plans and specifications that in each RHA:
- (a) A negative air pressure shall be maintained in the soiled utility area, toilet room, janitor's closet, dishwashing and other such soiled spaces, and a positive air pressure shall be maintained in all clean areas including, but not limited to, clean linen rooms and clean utility rooms;
 - (b) A minimum of eighty (80) square feet of bedroom space must be provided each resident. No bedroom shall have more than two (2) beds. Privacy screens or curtains must be provided and used when required by the resident;
 - (c) Living room and dining areas capable of accommodating all residents shall be provided, with a minimum of fifteen (15) square feet per resident per dining area; and
 - (d) Each toilet, lavatory, bath or shower shall serve no more than six (6) persons. Grab bars and non-slip surfaces shall be installed at tubs and showers.
- (19) The department shall acknowledge that it has reviewed plans and specifications in writing with copies sent to the project architect, the project engineer, the owner, the manager or other executive of the institution. The department may modify the distribution of such review at its discretion.
- (20) In the event submitted materials do not appear to satisfactorily comply with 1200-08-11-.07(2), the department shall furnish a letter to the party submitting the plans which shall list the particular items in question and request further explanation and/or confirmation of necessary modifications.

- (21) The licensed contractor shall execute all construction in accordance with the approved plans and specifications.
- (22) If construction begins within one hundred eighty (180) days of the date of department approval, the department's written notification of satisfactory review constitutes compliance with 1200-08-11-.07(2). This approval shall in no way permit and/or authorize any omission or deviation from the requirements of any restrictions, laws, regulations, ordinances, codes or rules of any responsible agency.
- (23) Prior to final inspection, the licensed contractor shall submit a CD Rom disc, in TIF or PDF format, of the final approved plans including all shop drawings, sprinkler, calculations, hood and duct, addenda, specifications, etc., to the department.
- (24) The department requires the following alarms that shall be monitored twenty-four (24) hours per day:
 - (a) Fire alarms; and
 - (b) Generators (if applicable).
- (25) With the submission of plans the facility shall specify the evacuation capabilities of the patients as defined in the National Fire Protection Code (NFPA). This declaration will determine the design and construction requirements of the facility.
- (26) Each RHA shall ensure that an emergency keyed lock box is installed next to each bank of functioning elevators located on the main level. Such lock boxes shall be permanently mounted seventy-two inches (72") from the floor to the center of the box, be operable by a universal key no matter where such box is located, and shall contain only fire service keys and drop keys to the appropriate elevators.

Authority: T.C.A. §§ 68-11-202, 68-11-209 and 68-11-261.

Rule 1200-08-15-.08, Building Standards is amended by deleting this section in its entirety and substituting it instead with the following:

- (1) A residential hospice shall construct, arrange, and maintain the condition of the physical plant and the overall residential hospice environment in such a manner that the safety and well-being of patients are assured.
- (2) After the applicant has submitted an application and licensure fees, the applicant must submit the building construction plans to the department. All new facilities shall conform to the 2006 edition of the International Building Code, except for Chapter 11 pertaining to accessibility and except for Chapter 27 pertaining to electrical requirements; the 2006 edition of the International Mechanical Code; the 2006 edition of the International Plumbing Code; the 2006 edition of the International Fuel and Gas Code; the 2006 edition of the National Fire Protection Code (NFPA) NFPA 1 including Annex A which incorporates the 2006 edition of the Life Safety Code; the 2005 edition of the National Electrical Code; and the 2005 edition of the U.S. Public Health Service Food Code as adopted by the Board for Licensing Health Care Facilities. The requirements of the 2004

Americans with Disabilities Act (A.D.A.), and the 1999 edition of North Carolina Handicap Accessibility Codes with 2004 amendments apply to all new facilities and to all existing facilities that are enlarged or substantially altered or repaired after July 1, 2006. When referring to height, area or construction type, the International Building Code shall prevail. Where there are conflicts between requirements in local codes, the above listed codes and regulations and provisions of this chapter, the most stringent requirements shall apply.

- (3) The codes in effect at the time of submittal of plans and specifications, as defined by these rules, shall be the codes to be used throughout the project.
- (4) The licensed contractor shall perform all new construction and renovations to residential hospices, other than minor alterations not affecting fire and life safety or functional issues, in accordance with the specific requirements of these regulations governing new construction in residential hospices, including the submission of phased construction plans and the final drawings and the specifications to each.
- (5) No new residential hospice shall be constructed, nor shall major alterations be made to an existing resident hospice without prior approval of the department, and unless in accordance with plans and specifications approved in advance by the department. Before any new residential hospice is licensed or before any alteration or expansion of a licensed residential hospice can be approved, the applicant must furnish two (2) complete sets of plans and specifications to the department, together with fees and other information as required. Plans and specifications for new construction and major renovations, other than minor alterations not affecting fire and life safety or functional issues, shall be prepared by or under the direction of a licensed architect and/or a licensed engineer and in accordance with the rules of the Board of Architectural and Engineering Examiners.
- (6) Final working drawings and specifications shall be accurately dimensioned and include all necessary explanatory notes, schedules and legends. The working drawings and specifications shall be complete and adequate for contract purposes.
- (7) Detailed plans shall be drawn to a scale of at least one-eighth inch equals one foot ($1/8" = 1'$), and shall show the general arrangement of the building, the intended purpose and the fixed equipment in each room, with such additional information as the department may require. An architect or engineer licensed to practice in the State of Tennessee shall prepare the plans the department requires.
 - (a) The project architect or engineer shall forward two (2) sets of plans to the appropriate section of the department for review. After receipt of approval of phased construction plans, the owner may proceed with site grading and foundation work prior to receipt of approval of final plans and specifications with the owner's understanding that such work is at the owner's own risk and without assurance that final approval of final plans and specifications shall be granted. The project architect or engineer shall submit final plans and specifications for review and approval. The department must grant final approval before the project proceeds beyond foundation work.
 - (b) Review of plans does not eliminate responsibility of owner and/or architect to comply with all rules and regulations.

- (8) Specifications shall supplement all drawings. They shall describe the characteristics of all materials, products and devices, unless fully described and indicated on the drawings. Specification copies should be bound in an 8½ x 11 inch folder.
- (9) Drawings and specifications shall be prepared for each of the following branches of work: Architectural, Structural, Mechanical, Electrical and Sprinkler.
- (10) Architectural drawings shall include:
- (a) Plot plan(s) showing property lines, finish grade, location of existing and proposed structures, roadways, walks, utilities and parking areas;
 - (b) Floor plan(s) showing scale drawings of typical and special rooms, indicating all fixed and movable equipment and major items of furniture;
 - (c) Separate life safety plans showing the compartment(s), all means of egress and exit markings, exits and travel distances, dimensions of compartments and calculation and tabulation of exit units. All fire and smoke walls must be identified;
 - (d) The elevation of each facade;
 - (e) The typical sections throughout the building;
 - (f) The schedule of finishes;
 - (g) The schedule of doors and windows;
 - (h) Roof plans;
 - (i) Details and dimensions of elevator shaft(s), car platform(s), doors, pit(s), equipment in the machine room, and the rates of car travel must be indicated for elevators; and
 - (j) Code analysis.
- (11) Structural drawings shall include:
- (a) Plans of foundations, floors, roofs and intermediate levels which show a complete design with sizes, sections and the relative location of the various members;
 - (b) Schedules of beams, girders and columns; and
 - (c) Design live load values for wind, roof, floor, stairs, guard, handrails, and seismic.
- (12) Mechanical drawings shall include:
- (a) Specifications which show the complete heating, ventilating, fire protection, medical gas systems and air conditioning systems;
 - (b) Water supply, sewerage and HVAC piping systems;
 - (c) Pressure relationships shall be shown on all floor plans;

- (d) Heating, ventilating, HVAC piping, medical gas systems and air conditioning systems with all related piping and auxiliaries to provide a satisfactory installation;
 - (e) Water supply, sewage and drainage with all lines, risers, catch basins, manholes and cleanouts clearly indicated as to location, size, capacities, etc., and location and dimensions of septic tank and disposal field; and
 - (f) Color coding to show clearly supply, return and exhaust systems.
- (13) Electrical drawings shall include:
- (a) A seal, certifying that all electrical work and equipment is in compliance with all applicable codes and that all materials are currently listed by recognized testing laboratories;
 - (b) All electrical wiring, outlets, riser diagrams, switches, special electrical connections, electrical service entrance with service switches, service feeders and characteristics of the light and power current, and transformers when located within the building;
 - (c) An electrical system that complies with applicable codes, and shall include:
 1. The nurses call system;
 2. The paging system;
 3. The fire alarm system; and
 4. The emergency power system including automatic services as defined by the codes.
 - (d) Color coding to show all items on emergency power;
 - (e) Circuit breakers that are properly labeled; and
 - (f) Ground-Fault Circuit Interrupters (GFCI) that are required in all wet areas, such as kitchens, laundries, janitor closets, bath and toilet rooms, etc, and within six (6) feet of any laboratory.
- (14) The electrical drawings shall not include knob and tube wiring, shall not include electrical cords that have splices, and shall not show that the electrical system is overloaded.
- (15) In all new facilities or renovations to existing electrical systems, the installation must be approved by an inspector or agency authorized by the State Fire Marshal.
- (16) Sprinkler drawings shall include:
- (a) Shop drawings, hydraulic calculations, and manufacturer cut sheets;
 - (b) Site plan showing elevation of fire hydrant to building, test hydrant, and flow data (Data from within a 12 month period); and

- (c) Show "Point of Service" where water is used exclusively for fire protection purposes.
- (17) The licensed contractor shall not install a system of water supply, plumbing, sewage, garbage or refuse disposal nor materially alter or extend any existing system until the architect or engineer submits complete plans and specifications, for the installation, alteration or extension, are submitted to the department demonstrating that all applicable codes have been met and the department has granted necessary approval.
 - (a) Before the residential hospice is used, Tennessee Department of Environment and Conservation shall approve the water supply system.
 - (b) Sewage shall be discharged into a municipal system or approved package system where available; otherwise, the sewage shall be treated and disposed of in a manner of operation approved by the Department of Environment and Conservation and shall comply with existing codes, ordinances and regulations which are enforced by cities, counties or other areas of local political jurisdiction.
 - (c) Water distribution systems shall be arranged to provide hot water at each hot water outlet at all times. Hot water at shower, bathing and hand washing facilities shall be between 105°F and 115°F.
- (18) The licensed contractor shall ensure through the submission of plans and specifications that in each residential hospice a negative air pressure shall be maintained in the soiled utility area, toilet room, janitor's closet, dishwashing and other such soiled spaces, and a positive air pressure shall be maintained in all clean areas including, but not limited to, clean linen rooms and clean utility rooms.
- (19) The department shall acknowledge that it has reviewed plans and specifications in writing with copies sent to the project architect, the project engineer, the owner, the manager or other executive of the institution. The department may modify the distribution of such review at its discretion.
- (20) In the event submitted materials do not appear to satisfactorily comply with 1200-08-15-.08(2), the department shall furnish a letter to the party submitting the plans which shall list the particular items in question and request further explanation and/or confirmation of necessary modifications.
- (21) The licensed contractor shall execute all construction in accordance with the approved plans and specifications.
- (22) If construction begins within one hundred eighty (180) days of the date of department approval, the department's written notification of satisfactory review constitutes compliance with 1200-08-15-.08(2). This approval shall in no way permit and/or authorize any omission or deviation from the requirements of any restrictions, laws, regulations, ordinances, codes or rules of any responsible agency.
- (23) Prior to final inspection, the licensed contractor shall submit a CD Rom disc, in TIF or PDF format, of the final approved plans including all shop drawings, sprinkler, calculations, hood and duct, addenda, specifications, etc., to the department.

- (24) The department requires the following alarms that shall be monitored twenty-four (24) hours per day:
 - (a) Fire alarms; and
 - (b) Generators (if applicable).
- (25) Each residential hospice shall ensure that an emergency keyed lock box is installed next to each bank of functioning elevators located on the main level. Such lock boxes shall be permanently mounted seventy-two inches (72") from the floor to the center of the box, be operable by a universal key no matter where such box is located, and shall contain only fire service keys and drop keys to the appropriate elevators.

Authority: T.C.A. §§ 68-11-202, 68-11-209 and 68-11-261.

Rule 1200-08-24-.07, Building Standards is amended by deleting this section in its entirety and substituting it instead with the following:

- (1) A birthing center shall construct, arrange, and maintain the condition of the physical plant and the overall birthing center environment in such a manner that the safety and well-being of patients are assured.
- (2) After the applicant has submitted an application and licensure fees, the applicant must submit the building construction plans to the department. All new facilities shall conform to the 2006 edition of the International Building Code, except for Chapter 11 pertaining to accessibility and except for Chapter 27 pertaining to electrical requirements; the 2006 edition of the International Mechanical Code; the 2006 edition of the International Plumbing Code; the 2006 edition of the International Fuel and Gas Code; the 2006 edition of the National Fire Protection Code (NFPA) NFPA 1 including Annex A which incorporates the 2006 edition of the Life Safety Code; the 2006 Guidelines for Design and Construction of Health Care Facilities; and the 2005 edition of the National Electrical Code. The requirements of the 2004 Americans with Disabilities Act (A.D.A.), and the 1999 edition of North Carolina Handicap Accessibility Codes with 2004 amendments apply to all new facilities and to all existing facilities that are enlarged or substantially altered or repaired after July 1, 2006. When referring to height, area or construction type, the International Building Code shall prevail. Where there are conflicts between requirements in local codes, the above listed codes and regulations and provisions of this chapter, the most stringent requirements shall apply.
- (3) The codes in effect at the time of submittal of plans and specifications, as defined by these rules, shall be the codes to be used throughout the project.
- (4) The licensed contractor shall perform all new construction and renovations to birthing centers, other than minor alterations not affecting fire and life safety or functional issues, in accordance with the specific requirements of these regulations governing new construction in birthing centers, including the submission of phased construction plans and the final drawings and the specifications to each.
- (5) No new birthing center shall be constructed, nor shall major alterations be made to an existing birthing center without prior approval of the department, and unless

in accordance with plans and specifications approved in advance by the department. Before any new birthing center is licensed or before any alteration or expansion of a licensed birthing center can be approved, the applicant must furnish two (2) complete sets of plans and specifications to the department, together with fees and other information as required. Plans and specifications for new construction and major renovations, other than minor alterations not affecting fire and life safety or functional issues, shall be prepared by or under the direction of a licensed architect and/or a licensed engineer and in accordance with the rules of the Board of Architectural and Engineering Examiners.

- (6) Final working drawings and specifications shall be accurately dimensioned and include all necessary explanatory notes, schedules and legends. The working drawings and specifications shall be complete and adequate for contract purposes.
- (7) Detailed plans shall be drawn to a scale of at least one-eighth inch equals one foot ($1/8" = 1'$), and shall show the general arrangement of the building, the intended purpose and the fixed equipment in each room, with such additional information as the department may require. An architect or engineer licensed to practice in the State of Tennessee shall prepare the plans the department requires.
 - (a) The project architect or engineer shall forward two (2) sets of plans to the appropriate section of the department for review. After receipt of approval of phased construction plans, the owner may proceed with site grading and foundation work prior to receipt of approval of final plans and specifications with the owner's understanding that such work is at the owner's own risk and without assurance that final approval of final plans and specifications shall be granted. The project architect or engineer shall submit final plans and specifications for review and approval. The department must grant final approval before the project proceeds beyond foundation work.
 - (b) Review of plans does not eliminate responsibility of owner and/or architect to comply with all rules and regulations.
- (8) Specifications shall supplement all drawings. They shall describe the characteristics of all materials, products and devices, unless fully described and indicated on the drawings. Specification copies should be bound in an 8½ x 11 inch folder.
- (9) Drawings and specifications shall be prepared for each of the following branches of work: Architectural, Structural, Mechanical, Electrical and Sprinkler.
- (10) Architectural drawings shall include:
 - (a) Plot plan(s) showing property lines, finish grade, location of existing and proposed structures, roadways, walks, utilities and parking areas;
 - (b) Floor plan(s) showing scale drawings of typical and special rooms, indicating all fixed and movable equipment and major items of furniture;
 - (c) Separate life safety plans showing the compartment(s), all means of egress and exit markings, exits and travel distances, dimensions of compartments and calculation and tabulation of exit units. All fire and smoke walls must be identified;

- (d) The elevation of each facade;
 - (e) The typical sections throughout the building;
 - (f) The schedule of finishes;
 - (g) The schedule of doors and windows;
 - (h) Roof plans;
 - (i) Details and dimensions of elevator shaft(s), car platform(s), doors, pit(s), equipment in the machine room, and the rates of car travel must be indicated for elevators; and
 - (j) Code analysis.
- (11) Structural drawings shall include:
- (a) Plans of foundations, floors, roofs and intermediate levels which show a complete design with sizes, sections and the relative location of the various members;
 - (b) Schedules of beams, girders and columns; and
 - (c) Design live load values for wind, roof, floor, stairs, guard, handrails, and seismic.
- (12) Mechanical drawings shall include:
- (a) Specifications which show the complete heating, ventilating, fire protection, medical gas systems and air conditioning systems;
 - (b) Water supply, sewerage and HVAC piping systems;
 - (c) Pressure relationships shall be shown on all floor plans;
 - (d) Heating, ventilating, HVAC piping, medical gas systems and air conditioning systems with all related piping and auxiliaries to provide a satisfactory installation;
 - (e) Water supply, sewage and drainage with all lines, risers, catch basins, manholes and cleanouts clearly indicated as to location, size, capacities, etc., and location and dimensions of septic tank and disposal field; and
 - (f) Color coding to show clearly supply, return and exhaust systems.
- (13) Electrical drawings shall include:
- (a) A seal, certifying that all electrical work and equipment is in compliance with all applicable codes and that all materials are currently listed by recognized testing laboratories;
 - (b) All electrical wiring, outlets, riser diagrams, switches, special electrical connections, electrical service entrance with service switches, service

- feeders and characteristics of the light and power current, and transformers when located within the building;
- (c) An electrical system that complies with applicable codes, and shall include:
 - 1. The nurses call system;
 - 2. The paging system;
 - 3. The fire alarm system; and
 - 4. The emergency power system including automatic services as defined by the codes.
 - (d) Color coding to show all items on emergency power;
 - (e) Circuit breakers that are properly labeled; and
 - (f) Ground-Fault Circuit Interrupters (GFCI) that are required in all wet areas, such as kitchens, laundries, janitor closets, bath and toilet rooms, etc, and within six (6) feet of any laboratory.
- (14) The electrical drawings shall not include knob and tube wiring, shall not include electrical cords that have splices, and shall not show that the electrical system is overloaded.
- (15) In all new facilities or renovations to existing electrical systems, the installation must be approved by an inspector or agency authorized by the State Fire Marshal.
- (16) Sprinkler drawings shall include:
- (a) Shop drawings, hydraulic calculations, and manufacturer cut sheets;
 - (b) Site plan showing elevation of fire hydrant to building, test hydrant, and flow data (Data from within a 12 month period); and
 - (c) Show "Point of Service" where water is used exclusively for fire protection purposes.
- (17) The licensed contractor shall not install a system of water supply, plumbing, sewage, garbage or refuse disposal nor materially alter or extend any existing system until the architect or engineer submits complete plans and specifications, for the installation, alteration or extension, are submitted to the department demonstrating that all applicable codes have been met and the department has granted necessary approval.
- (a) Before the birthing center is used, Tennessee Department of Environment and Conservation shall approve the water supply system.
 - (b) Sewage shall be discharged into a municipal system or approved package system where available; otherwise, the sewage shall be treated and disposed of in a manner of operation approved by the Department of Environment and Conservation and shall comply with existing codes,

ordinances and regulations which are enforced by cities, counties or other areas of local political jurisdiction.

- (c) Water distribution systems shall be arranged to provide hot water at each hot water outlet at all times. Hot water at shower, bathing and hand washing facilities shall be between 105°F and 115°F.
- (18) The licensed contractor shall ensure through the submission of plans and specifications that in each birthing center a negative air pressure shall be maintained in the soiled utility area, toilet room, janitor's closet, dishwashing and other such soiled spaces, and a positive air pressure shall be maintained in all clean areas including, but not limited to, clean linen rooms and clean utility rooms.
- (19) The department shall acknowledge that it has reviewed plans and specifications in writing with copies sent to the project architect, the project engineer, the owner, the manager or other executive of the institution. The department may modify the distribution of such review at its discretion.
- (20) In the event submitted materials do not appear to satisfactorily comply with 1200-08-24-.07(2), the department shall furnish a letter to the party submitting the plans which shall list the particular items in question and request further explanation and/or confirmation of necessary modifications.
- (21) The licensed contractor shall execute all construction in accordance with the approved plans and specifications.
- (22) If construction begins within one hundred eighty (180) days of the date of department approval, the department's written notification of satisfactory review constitutes compliance with 1200-08-24-.07(2). This approval shall in no way permit and/or authorize any omission or deviation from the requirements of any restrictions, laws, regulations, ordinances, codes or rules of any responsible agency.
- (23) Prior to final inspection, the licensed contractor shall submit a CD Rom disc, in TIF or PDF format, of the final approved plans including all shop drawings, sprinkler, calculations, hood and duct, addenda, specifications, etc., to the department.
- (24) The department requires the following alarms that shall be monitored twenty-four (24) hours per day:
 - (a) Fire alarms; and
 - (b) Generators (if applicable).
- (25) With the submission of plans the facility shall specify the evacuation capabilities of the patients as defined in the National Fire Protection Code (NFPA). This declaration will determine the design and construction requirements of the facility.

Authority: T.C.A. §§ 68-11-202 and 68-11-209.

Rule 1200-08-25-.09, Building Standards is amended by deleting paragraph (2) in its entirety and substituting it instead with the following:

- (2) After the applicant has submitted an application and licensure fees, the applicant must submit the building construction plans to the department. All new facilities shall conform to the 2006 edition of the International Building Code, except for Chapter 11 pertaining to accessibility and except for Chapter 27 pertaining to electrical requirements; the 2006 edition of the International Mechanical Code; the 2006 edition of the International Plumbing Code; the 2006 edition of the International Fuel and Gas Code; the 2006 edition of the National Fire Protection Code (NFPA) NFPA 1 including Annex A which incorporates the 2006 edition of the Life Safety Code; the 2006 Guidelines for Design and Construction of Health Care Facilities; the 2005 edition of the National Electrical Code, and the 2005 edition of the U.S. Public Health Service Food Code as adopted by the Board for Licensing Health Care Facilities. The requirements of the 2004 Americans with Disabilities Act (A.D.A.), and the 1999 edition of North Carolina Handicap Accessibility Codes with 2004 amendments apply to all new facilities and to all existing facilities that are enlarged or substantially altered or repaired after July 1, 2006. When referring to height, area or construction type, the International Building Code shall prevail. Where there are conflicts between requirements in local codes, the above listed codes and regulations and provisions of this chapter, the most stringent requirements shall apply.

Rule 1200-08-25-.09, Building Standards is amended by deleting paragraphs (13), (14), and (15) in their entirety and substituting it instead with the following and renumbering the following paragraphs accordingly:

- (13) Electrical drawings shall include:
- (a) A seal, certifying that all electrical work and equipment is in compliance with all applicable codes and that all materials are currently listed by recognized testing laboratories;
 - (b) All electrical wiring, outlets, riser diagrams, switches, special electrical connections, electrical service entrance with service switches, service feeders and characteristics of the light and power current, and transformers when located within the building;
 - (c) An electrical system that complies with applicable codes, and shall include:
 - 1. The nurses call system;
 - 2. The paging system;
 - 3. The fire alarm system; and
 - 4. The emergency power system including automatic services as defined by the codes.
 - (d) Color coding to show all items on emergency power;
 - (e) Circuit breakers that are properly labeled; and
 - (f) Ground-Fault Circuit Interrupters (GFCI) that are required in all wet areas, such as kitchens, laundries, janitor closets, bath and toilet rooms, etc, and within six (6) feet of any laboratory.

- (14) The electrical drawings shall not include knob and tube wiring, shall not include electrical cords that have splices, and shall not show that the electrical system is overloaded.
- (15) In all new facilities or renovations to existing electrical systems, the installation must be approved by an inspector or agency authorized by the State Fire Marshal.

Rule 1200-08-25-.09, Building Standards is amended by deleting paragraph (22) in its entirety and substituting it instead with the following:

- (22) Prior to final inspection, the licensed contractor shall submit a CD Rom disc, in TIF or PDF format, of the final approved plans including all shop drawings, sprinkler, calculations, hood and duct, addenda, specifications, etc., to the department.

Authority: T.C.A. §§ 68-11-202 and 68-11-209.

Rule 1200-08-28-.08, Building Standards is amended by deleting this section in its entirety and substituting it instead with the following:

- (1) An HIV supportive living facility shall construct, arrange, and maintain the condition of the physical plant and the overall HIV supportive living facility environment in such a manner that the safety and well-being of patients are assured.
- (2) After the applicant has submitted an application and licensure fees, the applicant must submit the building construction plans to the department. All new facilities shall conform to the 2006 edition of the International Building Code, except for Chapter 11 pertaining to accessibility and except for Chapter 27 pertaining to electrical requirements; the 2006 edition of the International Mechanical Code; the 2006 edition of the International Plumbing Code; the 2006 edition of the International Fuel and Gas Code; the 2006 edition of the National Fire Protection Code (NFPA) NFPA 1 including Annex A which incorporates the 2006 edition of the Life Safety Code; the 2006 Guidelines for Design and Construction of Health Care Facilities; the 2005 edition of the National Electrical Code; and the 2005 edition of the U.S. Public Health Service Food Code as adopted by the Board for Licensing Health Care Facilities. The requirements of the 2004 Americans with Disabilities Act (A.D.A.), and the 1999 edition of North Carolina Handicap Accessibility Codes with 2004 amendments apply to all new facilities and to all existing facilities that are enlarged or substantially altered or repaired after July 1, 2006. When referring to height, area or construction type, the International Building Code shall prevail. Where there are conflicts between requirements in local codes, the above listed codes and regulations and provisions of this chapter, the most stringent requirements shall apply.
- (3) The codes in effect at the time of submittal of plans and specifications, as defined by these rules, shall be the codes to be used throughout the project.
- (4) The licensed contractor shall perform all new construction and renovations to HIV supportive living facilities, other than minor alterations not affecting fire and life safety or functional issues, in accordance with the specific requirements of these regulations governing new construction in HIV supportive living facilities,

including the submission of phased construction plans and the final drawings and the specifications to each.

- (5) No new HIV supportive living facility shall be constructed, nor shall major alterations be made to an existing HIV supportive living facility without prior approval of the department, and unless in accordance with plans and specifications approved in advance by the department. Before any new HIV supportive living facility is licensed or before any alteration or expansion of a licensed HIV supportive living facility can be approved, the applicant must furnish two (2) complete sets of plans and specifications to the department, together with fees and other information as required. Plans and specifications for new construction and major renovations, other than minor alterations not affecting fire and life safety or functional issues, shall be prepared by or under the direction of a licensed architect and/or a licensed engineer and in accordance with the rules of the Board of Architectural and Engineering Examiners.
- (6) Final working drawings and specifications shall be accurately dimensioned and include all necessary explanatory notes, schedules and legends. The working drawings and specifications shall be complete and adequate for contract purposes.
- (7) Detailed plans shall be drawn to a scale of at least one-eighth inch equals one foot ($1/8" = 1'$), and shall show the general arrangement of the building, the intended purpose and the fixed equipment in each room, with such additional information as the department may require. An architect or engineer licensed to practice in the State of Tennessee shall prepare the plans the department requires.
 - (a) The project architect or engineer shall forward two (2) sets of plans to the appropriate section of the department for review. After receipt of approval of phased construction plans, the owner may proceed with site grading and foundation work prior to receipt of approval of final plans and specifications with the owner's understanding that such work is at the owner's own risk and without assurance that final approval of final plans and specifications shall be granted. The project architect or engineer shall submit final plans and specifications for review and approval. The department must grant final approval before the project proceeds beyond foundation work.
 - (b) Review of plans does not eliminate responsibility of owner and/or architect to comply with all rules and regulations.
- (8) Specifications shall supplement all drawings. They shall describe the characteristics of all materials, products and devices, unless fully described and indicated on the drawings. Specification copies should be bound in an 8½ x 11 inch folder.
- (9) Drawings and specifications shall be prepared for each of the following branches of work: Architectural, Structural, Mechanical, Electrical and Sprinkler.
- (10) Architectural drawings shall include:
 - (a) Plot plan(s) showing property lines, finish grade, location of existing and proposed structures, roadways, walks, utilities and parking areas;

- (b) Floor plan(s) showing scale drawings of typical and special rooms, indicating all fixed and movable equipment and major items of furniture;
 - (c) Separate life safety plans showing the compartment(s), all means of egress and exit markings, exits and travel distances, dimensions of compartments and calculation and tabulation of exit units. All fire and smoke walls must be identified;
 - (d) The elevation of each facade;
 - (e) The typical sections throughout the building;
 - (f) The schedule of finishes;
 - (g) The schedule of doors and windows;
 - (h) Roof plans;
 - (i) Details and dimensions of elevator shaft(s), car platform(s), doors, pit(s), equipment in the machine room, and the rates of car travel must be indicated for elevators; and
 - (j) Code analysis.
- (11) Structural drawings shall include:
- (a) Plans of foundations, floors, roofs and intermediate levels which show a complete design with sizes, sections and the relative location of the various members;
 - (b) Schedules of beams, girders and columns; and
 - (c) Design live load values for wind, roof, floor, stairs, guard, handrails, and seismic.
- (12) Mechanical drawings shall include:
- (a) Specifications which show the complete heating, ventilating, fire protection, medical gas systems and air conditioning systems;
 - (b) Water supply, sewerage and HVAC piping systems;
 - (c) Pressure relationships shall be shown on all floor plans;
 - (d) Heating, ventilating, HVAC piping, medical gas systems and air conditioning systems with all related piping and auxiliaries to provide a satisfactory installation;
 - (e) Water supply, sewage and drainage with all lines, risers, catch basins, manholes and cleanouts clearly indicated as to location, size, capacities, etc., and location and dimensions of septic tank and disposal field; and
 - (f) Color coding to show clearly supply, return and exhaust systems.
- (13) Electrical drawings shall include:

- (a) A seal, certifying that all electrical work and equipment is in compliance with all applicable codes and that all materials are currently listed by recognized testing laboratories;
 - (b) All electrical wiring, outlets, riser diagrams, switches, special electrical connections, electrical service entrance with service switches, service feeders and characteristics of the light and power current, and transformers when located within the building;
 - (c) An electrical system that complies with applicable codes, and shall include:
 - 1. The nurses call system;
 - 2. The paging system;
 - 3. The fire alarm system; and
 - 4. The emergency power system including automatic services as defined by the codes.
 - (d) Color coding to show all items on emergency power;
 - (e) Circuit breakers that are properly labeled; and
 - (f) Ground-Fault Circuit Interrupters (GFCI) that are required in all wet areas, such as kitchens, laundries, janitor closets, bath and toilet rooms, etc, and within six (6) feet of any laboratory.
- (14) The electrical drawings shall not include knob and tube wiring, shall not include electrical cords that have splices, and shall not show that the electrical system is overloaded.
- (15) In all new facilities or renovations to existing electrical systems, the installation must be approved by an inspector or agency authorized by the State Fire Marshal.
- (16) Sprinkler drawings shall include:
- (a) Shop drawings, hydraulic calculations, and manufacturer cut sheets;
 - (b) Site plan showing elevation of fire hydrant to building, test hydrant, and flow data (Data from within a 12 month period); and
 - (c) Show "Point of Service" where water is used exclusively for fire protection purposes.
- (17) The licensed contractor shall not install a system of water supply, plumbing, sewage, garbage or refuse disposal nor materially alter or extend any existing system until the architect or engineer submits complete plans and specifications, for the installation, alteration or extension, are submitted to the department demonstrating that all applicable codes have been met and the department has granted necessary approval.
- (a) Before the HIV supportive living facility is used, Tennessee Department of Environment and Conservation shall approve the water supply system.

- (b) Sewage shall be discharged into a municipal system or approved package system where available; otherwise, the sewage shall be treated and disposed of in a manner of operation approved by the Department of Environment and Conservation and shall comply with existing codes, ordinances and regulations which are enforced by cities, counties or other areas of local political jurisdiction.
 - (c) Water distribution systems shall be arranged to provide hot water at each hot water outlet at all times. Hot water at shower, bathing and hand washing facilities shall be between 105°F and 115°F.
- (18) The licensed contractor shall ensure through the submission of plans and specifications that in each HIV supportive living facility:
- (a) A negative air pressure shall be maintained in the soiled utility area, toilet room, janitor's closet, dishwashing and other such soiled spaces, and a positive air pressure shall be maintained in all clean areas including, but not limited to, clean linen rooms and clean utility rooms;
 - (b) A minimum of eighty (80) square feet of bedroom space must be provided each resident. No bedroom shall have more than two (2) beds. Privacy screens or curtains must be provided and used when required by the resident;
 - (c) Living room and dining areas capable of accommodating all residents shall be provided, with a minimum of fifteen (15) square feet per resident per dining area; and
 - (d) Each toilet, lavatory, bath or shower shall serve no more than six (6) persons. Grab bars and non-slip surfaces shall be installed at tubs and showers.
- (19) The department shall acknowledge that it has reviewed plans and specifications in writing with copies sent to the project architect, the project engineer, the owner, the manager or other executive of the institution. The department may modify the distribution of such review at its discretion.
- (20) In the event submitted materials do not appear to satisfactorily comply with 1200-08-28-.08(2), the department shall furnish a letter to the party submitting the plans which shall list the particular items in question and request further explanation and/or confirmation of necessary modifications.
- (21) The licensed contractor shall execute all construction in accordance with the approved plans and specifications.
- (22) If construction begins within one hundred eighty (180) days of the date of department approval, the department's written notification of satisfactory review constitutes compliance with 1200-08-28-.08(2). This approval shall in no way permit and/or authorize any omission or deviation from the requirements of any restrictions, laws, regulations, ordinances, codes or rules of any responsible agency.
- (23) Prior to final inspection, the licensed contractor shall submit a CD Rom disc, in TIF or PDF format, of the final approved plans including all shop drawings,

sprinkler, calculations, hood and duct, addenda, specifications, etc., to the department.

- (24) The department requires the following alarms that shall be monitored twenty-four (24) hours per day:
 - (a) Fire alarms; and
 - (b) Generators (if applicable).
- (25) With the submission of plans the facility shall specify the evacuation capabilities of the patients as defined in the National Fire Protection Code (NFPA). This declaration will determine the design and construction requirements of the facility.
- (26) Each HIV supportive living facility shall ensure that an emergency keyed lock box is installed next to each bank of functioning elevators located on the main level. Such lock boxes shall be permanently mounted seventy-two inches (72") from the floor to the center of the box, be operable by a universal key no matter where such box is located, and shall contain only fire service keys and drop keys to the appropriate elevators.

Authority: T.C.A. §§ 68-11-202, 68-11-209 and 68-11-261.

Rule 1200-08-32-.08, Building Standards is amended by deleting this section in its entirety and substituting it instead with the following:

- (1) An ESRD shall construct, arrange, and maintain the condition of the physical plant and the overall ESRD environment in such a manner that the safety and well-being of patients are assured.
- (2) After the applicant has submitted an application and licensure fees, the applicant must submit the building construction plans to the department. All new facilities shall conform to the 2006 edition of the International Building Code, except for Chapter 11 pertaining to accessibility and except for Chapter 27 pertaining to electrical requirements; the 2006 edition of the International Mechanical Code; the 2006 edition of the International Plumbing Code; the 2006 edition of the International Fuel and Gas Code; the 2006 edition of the National Fire Protection Code (NFPA) NFPA 1 including Annex A which incorporates the 2006 edition of the Life Safety Code; the 2006 Guidelines for Design and Construction of Health Care Facilities; and the 2005 edition of the National Electrical Code. The requirements of the 2004 Americans with Disabilities Act (A.D.A.), and the 1999 edition of North Carolina Handicap Accessibility Codes with 2004 amendments apply to all new facilities and to all existing facilities that are enlarged or substantially altered or repaired after July 1, 2006. When referring to height, area or construction type, the International Building Code shall prevail. Where there are conflicts between requirements in local codes, the above listed codes and regulations and provisions of this chapter, the most stringent requirements shall apply.
- (3) The codes in effect at the time of submittal of plans and specifications, as defined by these rules, shall be the codes to be used throughout the project.

- (4) The licensed contractor shall perform all new construction and renovations to ESRDs, other than minor alterations not affecting fire and life safety or functional issues, in accordance with the specific requirements of these regulations governing new construction in ESRDs, including the submission of phased construction plans and the final drawings and the specifications to each.
- (5) No new ESRD shall be constructed, nor shall major alterations be made to an existing ESRD without prior approval of the department, and unless in accordance with plans and specifications approved in advance by the department. Before any new ESRD is licensed or before any alteration or expansion of a licensed ESRD can be approved, the applicant must furnish two (2) complete sets of plans and specifications to the department, together with fees and other information as required. Plans and specifications for new construction and major renovations, other than minor alterations not affecting fire and life safety or functional issues, shall be prepared by or under the direction of a licensed architect and/or a licensed engineer and in accordance with the rules of the Board of Architectural and Engineering Examiners.
- (6) Final working drawings and specifications shall be accurately dimensioned and include all necessary explanatory notes, schedules and legends. The working drawings and specifications shall be complete and adequate for contract purposes.
- (7) Detailed plans shall be drawn to a scale of at least one-eighth inch equals one foot ($1/8'' = 1'$), and shall show the general arrangement of the building, the intended purpose and the fixed equipment in each room, with such additional information as the department may require. An architect or engineer licensed to practice in the State of Tennessee shall prepare the plans the department requires.
 - (a) The project architect or engineer shall forward two (2) sets of plans to the appropriate section of the department for review. After receipt of approval of phased construction plans, the owner may proceed with site grading and foundation work prior to receipt of approval of final plans and specifications with the owner's understanding that such work is at the owner's own risk and without assurance that final approval of final plans and specifications shall be granted. The project architect or engineer shall submit final plans and specifications for review and approval. The department must grant final approval before the project proceeds beyond foundation work.
 - (b) Review of plans does not eliminate responsibility of owner and/or architect to comply with all rules and regulations.
- (8) Specifications shall supplement all drawings. They shall describe the characteristics of all materials, products and devices, unless fully described and indicated on the drawings. Specification copies should be bound in an 8½ x 11 inch folder.
- (9) Drawings and specifications shall be prepared for each of the following branches of work: Architectural, Structural, Mechanical, Electrical and Sprinkler.
- (10) Architectural drawings shall include:
 - (a) Plot plan(s) showing property lines, finish grade, location of existing and proposed structures, roadways, walks, utilities and parking areas;

- (b) Floor plan(s) showing scale drawings of typical and special rooms, indicating all fixed and movable equipment and major items of furniture;
 - (c) Separate life safety plans showing the compartment(s), all means of egress and exit markings, exits and travel distances, dimensions of compartments and calculation and tabulation of exit units. All fire and smoke walls must be identified;
 - (d) The elevation of each facade;
 - (e) The typical sections throughout the building;
 - (f) The schedule of finishes;
 - (g) The schedule of doors and windows;
 - (h) Roof plans;
 - (i) Details and dimensions of elevator shaft(s), car platform(s), doors, pit(s), equipment in the machine room, and the rates of car travel must be indicated for elevators; and
 - (j) Code analysis.
- (11) Structural drawings shall include:
- (a) Plans of foundations, floors, roofs and intermediate levels which show a complete design with sizes, sections and the relative location of the various members;
 - (b) Schedules of beams, girders and columns; and
 - (c) Design live load values for wind, roof, floor, stairs, guard, handrails, and seismic.
- (12) Mechanical drawings shall include:
- (a) Specifications which show the complete heating, ventilating, fire protection, medical gas systems and air conditioning systems;
 - (b) Water supply, sewerage and HVAC piping systems;
 - (c) Pressure relationships shall be shown on all floor plans;
 - (d) Heating, ventilating, HVAC piping, medical gas systems and air conditioning systems with all related piping and auxiliaries to provide a satisfactory installation;
 - (e) Water supply, sewage and drainage with all lines, risers, catch basins, manholes and cleanouts clearly indicated as to location, size, capacities, etc., and location and dimensions of septic tank and disposal field; and
 - (f) Color coding to show clearly supply, return and exhaust systems.
- (13) Electrical drawings shall include:

- (a) A seal, certifying that all electrical work and equipment is in compliance with all applicable codes and that all materials are currently listed by recognized testing laboratories;
 - (b) All electrical wiring, outlets, riser diagrams, switches, special electrical connections, electrical service entrance with service switches, service feeders and characteristics of the light and power current, and transformers when located within the building;
 - (c) An electrical system that complies with applicable codes, and shall include:
 - 1. The nurses call system;
 - 2. The paging system;
 - 3. The fire alarm system; and
 - 4. The emergency power system including automatic services as defined by the codes.
 - (d) Color coding to show all items on emergency power;
 - (e) Circuit breakers that are properly labeled; and
 - (f) Ground-Fault Circuit Interrupters (GFCI) that are required in all wet areas, such as kitchens, laundries, janitor closets, bath and toilet rooms, etc, and within six (6) feet of any laboratory.
- (14) The electrical drawings shall not include knob and tube wiring, shall not include electrical cords that have splices, and shall not show that the electrical system is overloaded.
- (15) In all new facilities or renovations to existing electrical systems, the installation must be approved by an inspector or agency authorized by the State Fire Marshal.
- (16) Sprinkler drawings shall include:
- (a) Shop drawings, hydraulic calculations, and manufacturer cut sheets;
 - (b) Site plan showing elevation of fire hydrant to building, test hydrant, and flow data (Data from within a 12 month period); and
 - (c) Show "Point of Service" where water is used exclusively for fire protection purposes.
- (17) The licensed contractor shall not install a system of water supply, plumbing, sewage, garbage or refuse disposal nor materially alter or extend any existing system until the architect or engineer submits complete plans and specifications, for the installation, alteration or extension, are submitted to the department demonstrating that all applicable codes have been met and the department has granted necessary approval.

- (a) Before the ESRD is used, Tennessee Department of Environment and Conservation shall approve the water supply system.
 - (b) Sewage shall be discharged into a municipal system or approved package system where available; otherwise, the sewage shall be treated and disposed of in a manner of operation approved by the Department of Environment and Conservation and shall comply with existing codes, ordinances and regulations which are enforced by cities, counties or other areas of local political jurisdiction.
 - (c) Water distribution systems shall be arranged to provide hot water at each hot water outlet at all times. Hot water at shower, bathing and hand washing facilities shall be between 105°F and 115°F.
- (18) The licensed contractor shall ensure through the submission of plans and specifications that in each ESRD a negative air pressure shall be maintained in the soiled utility area, toilet room, janitor's closet, dishwashing and other such soiled spaces, and a positive air pressure shall be maintained in all clean areas including, but not limited to, clean linen rooms and clean utility rooms.
 - (19) The department shall acknowledge that it has reviewed plans and specifications in writing with copies sent to the project architect, the project engineer, the owner, the manager or other executive of the institution. The department may modify the distribution of such review at its discretion.
 - (20) In the event submitted materials do not appear to satisfactorily comply with 1200-08-32-.08(2), the department shall furnish a letter to the party submitting the plans which shall list the particular items in question and request further explanation and/or confirmation of necessary modifications.
 - (21) The licensed contractor shall execute all construction in accordance with the approved plans and specifications.
 - (22) If construction begins within one hundred eighty (180) days of the date of department approval, the department's written notification of satisfactory review constitutes compliance with 1200-08-32-.08(2). This approval shall in no way permit and/or authorize any omission or deviation from the requirements of any restrictions, laws, regulations, ordinances, codes or rules of any responsible agency.
 - (23) Prior to final inspection, the licensed contractor shall submit a CD Rom disc, in TIF or PDF format, of the final approved plans including all shop drawings, sprinkler, calculations, hood and duct, addenda, specifications, etc., to the department.
 - (24) The department requires the following alarms that shall be monitored twenty-four (24) hours per day:
 - (a) Fire alarms; and
 - (b) Generators (if applicable).
 - (25) With the submission of plans the facility shall specify the evacuation capabilities of the patients as defined in the National Fire Protection Code (NFPA). This declaration will determine the design and construction requirements of the facility.

Authority: T.C.A. §§ 68-11-202 and 68-11-209.

Rule 1200-08-35-.08, Building Standards is amended by deleting this section in its entirety and substituting it instead with the following:

- (1) An ODC shall construct, arrange, and maintain the condition of the physical plant and the overall ODC environment in such a manner that the safety and well-being of patients are assured.
- (2) After the applicant has submitted an application and licensure fees, the applicant must submit the building construction plans to the department. All new facilities shall conform to the 2006 edition of the International Building Code, except for Chapter 11 pertaining to accessibility and except for Chapter 27 pertaining to electrical requirements; the 2006 edition of the International Mechanical Code; the 2006 edition of the International Plumbing Code; the 2006 edition of the International Fuel and Gas Code; the 2006 edition of the National Fire Protection Code (NFPA) NFPA 1 including Annex A which incorporates the 2006 edition of the Life Safety Code; the 2006 Guidelines for Design and Construction of Health Care Facilities; and the 2005 edition of the National Electrical Code. The requirements of the 2004 Americans with Disabilities Act (A.D.A.), and the 1999 edition of North Carolina Handicap Accessibility Codes with 2004 amendments apply to all new facilities and to all existing facilities that are enlarged or substantially altered or repaired after July 1, 2006. When referring to height, area or construction type, the International Building Code shall prevail. Where there are conflicts between requirements in local codes, the above listed codes and regulations and provisions of this chapter, the most stringent requirements shall apply.
- (3) The codes in effect at the time of submittal of plans and specifications, as defined by these rules, shall be the codes to be used throughout the project.
- (4) The licensed contractor shall perform all new construction and renovations to ODCs, other than minor alterations not affecting fire and life safety or functional issues, in accordance with the specific requirements of these regulations governing new construction in ODCs, including the submission of phased construction plans and the final drawings and the specifications to each.
- (5) No new ODC shall be constructed, nor shall major alterations be made to an existing ODC without prior approval of the department, and unless in accordance with plans and specifications approved in advance by the department. Before any new ODC is licensed or before any alteration or expansion of a licensed ODC can be approved, the applicant must furnish two (2) complete sets of plans and specifications to the department, together with fees and other information as required. Plans and specifications for new construction and major renovations, other than minor alterations not affecting fire and life safety or functional issues, shall be prepared by or under the direction of a licensed architect and/or a licensed engineer and in accordance with the rules of the Board of Architectural and Engineering Examiners.
- (6) Final working drawings and specifications shall be accurately dimensioned and include all necessary explanatory notes, schedules and legends. The working drawings and specifications shall be complete and adequate for contract purposes.

- (7) Detailed plans shall be drawn to a scale of at least one-eighth inch equals one foot (1/8" = 1'), and shall show the general arrangement of the building, the intended purpose and the fixed equipment in each room, with such additional information as the department may require. An architect or engineer licensed to practice in the State of Tennessee shall prepare the plans the department requires.
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 - (c) Water distribution systems shall be arranged to provide hot water at each hot water outlet at all times. Hot water at shower, bathing and hand washing facilities shall be between 105°F and 115°F.
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Authority: T.C.A. §§ 68-11-202 and 68-11-209.

I certify that the information included in this filing is an accurate and complete representation of the intent and scope of rulemaking proposed by the agency.

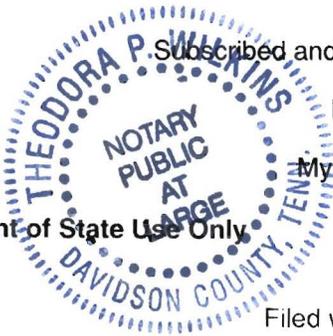
Date: 12/2/09

Signature: Alison G. Cleaves

Name of Officer: Alison G. Cleaves

Deputy General Counsel

Title of Officer: Department of Health



Subscribed and sworn to before me on: 12/2/09

Notary Public Signature: Theodora P. Wilkins

My commission expires on: 11/7/2011

Department of State Use Only

Filed with the Department of State on: 12/2/09

Tre Hargett by Wm. Hargett, POA

Tre Hargett
Secretary of State

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