

MINUTES

SOUTH CAROLINA PUBLIC SCHOOL FACILITIES COMMITTEE MEETING

3710 Landmark Drive, Suite 201
Columbia, South Carolina

October 7, 2010
10:00 A.M.

Committee Members Present: Alex James, Presiding Officer, AIA; David Blackwell (proxy for John G. Reich); Jon Boettcher; John Butler; Allen Carter, AIA; Howard Coogler, Jr., P.E.; Michael Criss, AICP; Wade Crow, P.E.; Catherine Leigh Graham, MEBME; Barbara Haller, AIA; Jeff Holstein, CCM; Steven M. Jenkins, P.E., C.B.O.; Ashley Johnson, P.E.; Miles Jordan, P.E.; Robert Mitchell, AIA; Jacqueline Myers; Rick Ott, AGC; Scott Powell, AIA; Jeffrey Reynolds, AGC, Dr. Frank Vail

Committee Members Not Present: Al Gates, Michael Jackson, House of Representatives Member Phil Owens

Advisory Members Present: David Blackwell, Ed Estridge, Mark Faulk, Michael James, Jenny Latour, Eddie Rodelsperger, Daniel C. Shirley, John Stehmeyer, Steve Usry, Dennis Ward, Darrell Watts

Advisory Members Not Present: Mark Arrington, David B. Brooks, Dennis Burgess, Maris Burton, Steve Coe, Bill Day, Dr. Rette Dean Jr., Brian Deichman, Isaac Dupree, Joey Goforth, John Kent, Dennis Knight, Manuel Hendrix, Tommy Hughes, Bill Laughlin, Bill Lewis, Levern Murray, Cole Owens, Raymond Perkins, Ervin Robeson, Jeff Scott, Joan Smith, Mike Stone, Tom Stoudenmier, Jim Vicar, Chris Voso, Mason Wall, Cindy O. Wright

Others Present: Bob Cook, Shelly Kelly,(Parliamentarian, General Counsel)

Recorders: Juliet Berry, Pat Hinson

OPENING

Mr. James welcomed everyone to the eighth annual meeting of the South Carolina Public School Facilities Committee.

DECLARATION OF QUORUM

Mr. James declared a quorum.

APPROVAL OF MINUTES

Mr. Ott made a Motion for approval of the minutes from October 2009. Ms. Graham Seconded. The Motion carried.

APPROVAL OF THE AGENDA

Mr. James stated if there were any amendments to the agenda they will be discussed at the end of the meeting.

PROPOSED STATE REGISTER POSTING

Mr. James informed the committee that the *Notice of General Public Interest* will be posted on our website in January 2011 and will become effective March 15, 2011. Mr. Reynolds made a Motion to approve the *Notice of General Public Interest*. Dr. Vail Seconded. The Motion carried.

The 2011 *South Carolina School Planning and Construction Guide* will become effective and enforced on March 15, 2011.

OLD BUSINESS

Mr. James requested the full committee to revise the Relocatable Guide . Mr. James will be working with Dr. Vail and a committee will be formed to compile an up-to-date version. The new version will be presented at least thirty days before the full committee meets for review and consideration on October 6, 2011.

NEW BUSINESS

Mr. James stated concerns between building code differences of public high school campuses and technical college campuses because high school students attend classes on college campuses. Liability issues were a concern.

Ms. Kelly stated that the building code differences are a major issue with the State Board of Education and they look at it through the educational level. The State Board of Education has been approving middle colleges as an innovative way for students at risk or students wanting to attend college sooner. The State Board has been approving waivers for program issues but not reviewing building issues. Ms. Kelly also mentioned some schools are located on college campus.

Mr. Ott and Mr. Blackwell volunteered to serve on a subcommittee to discuss building code requirements for high school students attending classes at technical colleges to set some standards. Ms. Kelly also stated we could use the waiver process through the State Board on these issues. Mr. Usry volunteered to act as chair.

Mr. Faulk stated that he had discussed with Mr. Don Tudor, Director, Office of Transportation, his concerns about implementation of new requirements in the designing of school buildings when bus facilities are located on school property. Mr. Faulk thought it would be good to reference the school districts to these requirements in Division 1 or 2 of the Guide or to incorporate Mr. Tudor's new material in the Guide in its entirety. Mr. James advised the Department of Transportation and the South Carolina Department of Education, Office of Transportation should work on this together.

DIVISION 3 Robert Mitchell, AIA, Chair
SECTION 303 EDUCATIONAL SPACES

303.2 Classrooms

303.2.3.3 Time-out Rooms. If time out rooms are provided, they shall meet the requirements of the Office of the State Fire Marshal's [and the Office of School Facilities'](#) Policy Memorandums.

Mr. Blackwell advised that the Office of the State Fire Marshal have repealed all their policy memorandums.

Mr. James made a Motion on 303.2.3.3 to read, "Time-out Rooms. If time out rooms are provided, they shall meet the requirements of the Office of School Facilities' Policy Memorandum." Mr. Ott Seconded. The Motion carried.

303.3.2 Kindergarten and Child Development Classroom Area

303.3.2.1 Floor area shall be a minimum of 1,050 square feet (net), exclusive of the teacher's workroom, toilet, and storage room. Mandated cabinetry may be included in this area.

Ms. Graham made a Motion to amend 303.3.2.1 to read, "Floor area shall be a minimum of 1,050 square feet (net), exclusive of a teacher's workroom (optional), toilet and storage room." Ms. Myers Seconded. The Motion carried.

303.3.2.5 ~~A minimum of 110 square feet of teacher workroom area shall be provided per kindergarten or child development classroom.~~ [Teacher Work Rooms are recommended to be placed throughout the school to allow for peer collaboration, team planning, etc. This area may be open to or separated with windows from the classroom.](#)

Dr. Vail made a Motion to omit the sentence, "This area may be open to or separated with windows from the classroom." Ms. Graham Seconded. The Motion carried.

303.3.2.6 [Every kindergarten is recommended to have a door opening from the classroom to an outside play area if conditions allow. It is preferred that students not use the main corridors of the building due to noise levels and intrusion of dirt, playthings, etc.](#)

Mr. Ott made a Motion to delete 303.3.2.6. Ms. Graham Seconded. The Motion carried.

303.6.3 Secondary Facilities

303.6.2.1.2 A storage area of no less than 300 square feet shall be provided for the gym. Doors shall be wide enough for easy access to mats and apparatus.

Mr. Mitchell made a Motion for 303.6.2.1.2 to read, "Storage of no less than 300 square feet shall be provided for the gym." Dr. Vail Seconded. The Motion carried.

303.6.3.2.1 Double doors shall lead off the gym floor into an apparatus storage room. [The storage room shall be a minimum of 400 square feet.](#)

Mr. Powell made a Motion for 303.6.3.2.1 to read, "Storage of no less than 400 square feet shall be provided for the gym." Ms. Graham Seconded. The Motion carried.

SECTION 304 SUPPORT SPACES

304.13.5 Gymnasium Dressing Room Toilets and Showers (secondary schools)

304.13.5.6 Individual enclosures with curtains or doors shall be required for all showers. ~~females and considered for males. Fixture requirement shall be as follows:~~

Mr. Jenkins made a Motion to accept the new wording as modified. Mr. Holstein Seconded. The Motion carried.

304.13.5.7 Fixture requirements shall be as follows:

MANDATED FIXTURE RATIOS FOR PE/ATHLETICS TOILETS/SHOWERS

Persons	Water Closets*	Lavatories	Shower Heads	
			PE	Athletics
Males	1:40	1:40	1:12	1:12
Females	1:20	1:40	1:12	1:12

*TROUGH URINALS SHALL NOT BE PERMITTED.
(Up to 67% of male facilities may be urinals.)

Unanimously agreed to add 304.13.5.7.

SECTION 305 OTHER REQUIREMENTS

305.3 Doors

305.3.1.2 Gymnasium dressing rooms shall have at least two means of egress, ~~although if less than 50 persons occupy any one dressing room and if it is less than 75 feet of travel from the most remote point in the area to an exit.~~ The passage into the gymnasium itself may be considered to be the second egress.

Mr. Carter made a Motion for 305.3.1.2 to read, “Each boys’ and girls’ PE and athletic dressing rooms shall have at least two means of egress. The passage into the gymnasium itself may be considered to be the second egress.”Ms. Haller Seconded. The Motion carried.

Mr. Carter amended the Motion on 305.3.1.2 to read, “Each students’ PE and athletic dressing room shall have at least two means of egress. The passage into the gymnasium itself may be considered to be the second egress.” Mr. Ott Seconded. The Motion carried.

DIVISION 4 – Dennis Knight, Chair
SECTION 403 SPECIAL CONSIDERATIONS

403.1 PE and Athletic Facilities: Shall be provided with accessible facilities per ICC/ANSI A117.1 ~~accessible to people with physical disabilities;~~ including toilet, sink, and shower areas.

403.3 Science Laboratories: Shall have a minimum of at least one workspace meeting the accessibility requirements of ICC/ANSI A117.1. Equipment and features may be portable but must be comparable to

those available in other student workspaces. ~~worktop, set at height to serve people with physical disabilities. This top may be a portable table and should be located near a work sink (it is not required that the sink itself be at the lower level, however).~~

403.4 Art Rooms: Shall have a minimum of at least one workspace meeting the accessibility requirements of ICC/ANSI A117.1. Equipment and features may be portable but must be comparable to those available in other student workspaces. ~~No special work surfaces are required for people with physical disabilities as portable tables should serve adequately.~~

403.5 Home Economics Areas: For the food preparation curriculum, one unit kitchen shall be ~~designed to serve people with physical disabilities~~ accessible in accordance with ICC/ANSI A117.1. One worktop containing a sink and range top shall be accessible in accordance with ICC/ANSI A117.1. A wall oven shall be provided adjacent to the worktop that is accessible in accordance with ICC/ANSI A117.1 with bottom of the oven door at 32" above floor.

Mr. Ott made a Motion to approve all the changes. Ms. Graham Seconded. The Motion carried.

DIVISION 10-12 – Miles Jordan, P.E., Chair
SECTION 1106 MATERIALS AND INSTALLATION

1106.2 Ductwork shall be galvanized steel constructed to the requirements of SMACNA, as a minimum. Lined duct usage shall be kept to a minimum. Where used, the interior surface shall be smooth and cleanable and treated with an EPA-approved biocide to resist fungal/bacterial growth. Duct board is prohibited. Flexible duct meeting SMACNA requirements may be used for supply ductwork, provided it is not more than six feet long and terminates at a diffuser.

Mr. Ott made a Motion to approve the addition to 1106.2. Mr. Mitchell Seconded. The Motion carried.

SECTION 1108 FIRE SPRINKLER SYSTEMS, STANDPIPES AND FIRE HYDRANTS

1108.7.3 Each system riser shall contain a fully trimmed alarm check valve ~~including water motor gong (WMG)~~ and retard chamber. "Shotgun" risers or risers that utilize the backflow prevention device as the system check are not acceptable.

Unanimously agreed. The Motion carried.

SECTION 1109 KITCHENS

1109 Clarification/guidance is needed for the IMC requirement to turn on the kitchen hood exhaust automatically.

The committee agreed there was no problem with 1109 as stated.

SECTION 1206 EXIT SIGNS

1206.1.2 The primary and secondary systems shall be on separate circuitry and in separate conduit from normal power and lighting from the feed point to the sign.

Mr. Jordan made a Motion to delete 1206.1.2. Mr. Carter Seconded. The Motion carried.

SECTION 1207 EMERGENCY LIGHTING

1207.2.18 Athletic ~~stadiums~~ fields with the highest seat more than four (4) feet above grade.

Dr. Vail made a Motion to further discuss 1207.2.18 at a later date . Ms. Myers Seconded. The Motion carried.

1207.1.3 In spaces required to have emergency lighting, not all lighting fixtures shall be on the emergency power circuit.

Mr. Coogler made a Motion to approve the addition 1207.1.3. Mr. Holstein Seconded. The Motion carried.

Other

Mr. Steymeyer, Mr. James, and Mr. Shirley will serve on a UL certification committee to review and propose a resolution.

Approval of 2011 South Carolina School Facilities Planning and Construction Guide

Mr. Mitchell made a Motion for approval of the *2011 South Carolina School Facilities Planning and Construction Guide* as amended. Ms. Myers Seconded. The Motion carried.

Upcoming Subcommittee Meetings:

(All meetings @ 10:00 A.M.)

- February 10, 2011 Division 1-2
- March 3, 2011Division 3
- March 24, 2011 Division 4-5
- April 14, 2011 Division 6-9
- May 5, 2011 Division 10-12

Reminder – 2011 Full Committee Meeting, October 6, 2011 (Thursday), 10:00 A.M. at OSF

ADJOURNMENT

Mr. James made a Motion to adjourn. Unanimously agreed. The meeting adjourned at 12:03 P.M.