



School Board Presentation

Portsmouth Middle School Design Alternatives Project

Tuesday, May 13, 2008

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D|A
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School Board Presentation Agenda

- Process Overview
- State Space Standards Overview
- Programming Assumptions
- Program Options
- Potential NH DOE Waivers



Process Overview

- Reviewed NH Department of Education Space Standards (NH Ed 321)
- Met with NH Department of Education
- Met with City of Portsmouth staff
- Reviewed 2004 Spaced Program
- Measured existing rooms
- Conducted Faculty/Staff Interviews (3 days)
- Conducted Community Workshops
- Reviewed Programming Assumptions
- Developed Two Program Options:
 - Full Program
 - Full Program with reduced building core



New Hampshire Code of Administrative Rules Ed 321 **Requirements**

- General Purpose Classroom:
36 sf/student | 900 sf (min.)
- Science Laboratory: 45 sf/student | 900 sf (min.)
- Science Classroom/Lab:
60 sf/student | 1,200 sf (min.)
- Media Center: 40 sf/student for 10% design capacity | 1,800 sf (min.)
- Special Education: 600 sf (min.)
- School Administration: 1,200 sf (min.)
- School Nurse: 1 cot/200 students | 300 sf (min.)
- Cafeteria: 15 sf/student



New Hampshire Code of Administrative Rules Ed 321 **Requirements**

- Shared Teaching Administrative Space:
64 sf/teacher (can be in classroom)
- Parking:
100% of faculty and staff
- Site Size: 10 acres + 1 acre/100 students or
17 acres (minimum size)



New Hampshire Code of Administrative Rules Ed 321 **Recommendations**

- Art: 60 sf/student | 1,200 sf (min.)
- Music (Instrumental):
25 sf/student | 1,000 sf (min.)
- Music (Choral): 15 sf/student | 800 sf (min.)
- Physical Education:
125 sf/student | 3,800 sf (min.)
- Technology Education:
75 sf/student | 1,500 sf (min.)
- Family and Consumer Science:
75 sf/student | 1,500 sf (min.)
- Computer Laboratory: 30 sf/student | 750 sf (min.)



Programming Assumptions

- Elementary Schools are built around the classroom
- High Schools are built around the department
- **Middle Schools are built around the TEAM**



Programming Assumptions

- Team Structure
 - 3 Classrooms
 - 1 Science Classroom/Lab (CLAB)
 - 1 Special Education
 - Team Breakout area
 - Teacher Collaboration room
 - Toilets/Storage/Support/Conference
- 2 Teams per Grade
- 10 Sixth Grade classrooms.
- 11 Seventh Grade classrooms.
- 11 Eighth Grade classrooms.
- 24 – 27 students/classroom by Teachers' Contract.
- 24 maximum students/science classroom laboratory.



Option 1: Full Program

- Capacity is a **range**
 - 636 students at minimum class size (24 students per room)
 - 696 students at max class size (27 classroom / 24 lab)
- Core areas sized for 696 students
- 6 Teams
- Special Education areas
- KIDS Program
- Media Center
- Student Commons
- Gymnasium with 2 full courts, fitness/health room
- Auditorium with 800 seats



Option 1: Full Program

- Band Room for 144 students
- Choral Room for 65 students
- General Music Room
- Technology, Ensemble, and Practice Rooms
- Language Arts Rooms with kitchenette
- 3 Visual Arts Rooms
- 3 Technology Education Rooms
- 2 Family and Consumer Science Labs
- Operational Support Space

- Total Building Area: 162,290 sf



Option 2: Full Program-Reduced Core

- Capacity is a **range**
 - 636 students at minimum class size (24 students per room)
 - 696 students at max class size (27 classroom / 24 lab)
- Core areas sized for 696 students
- 6 Teams: no conference rooms
- Special Education areas
- KIDS Program: combine daily living center w/classrm
- Media Center
- Student Commons
- Gymnasium with 1 full court, fitness/health room
- Combine Auditorium with Student Commons



Option 2: Full Program-Reduced Core

- Band Room for 100 students
- Choral Room combined with stage: 100 students
- General Music Room combined w/ Technology
- Reduced Practice Rooms, No Ensemble Room
- Language Arts Rooms combined with kitchenette
- 2 Visual Arts Rooms: combine digital art with 2D
- 3 Technology Education Rooms
- 2 Family and Consumer Science Labs
- Operational Support Space

- Total Building Area: 132,510 sf



Potential NH DOE Waivers

- Minimum Site Size [Ed 321.03(f)(2)]
- Minimum General Classroom Size [Ed 321.06(b)]
- Minimum Number of Parking Spaces [Ed 321.12(j)]





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