

State of New Jersey

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March 10, 1998

By Hand

CHRISTINE TODD WHITMAN

Governor

Stephen Townsend, Clerk Supreme Court of New Jersey R.J. Hughes Justice Complex P.O. Box 970 Trenton, New Jersey 08625 Abbott v. Burke



Re:

Raymond Arthur Abbott, et al. v. Fred G. Burke, et al.

Docket No. M-622

Dear Mr. Townsend:

This letter is in response to your recent request regarding the proposed legislation for funding school facilities. Enclosed is the Department's work paper -- Summary School Prototypes -- that formed the basis for the square foot per pupil standards in the proposed legislation.

As the document reflects, the Department of Education developed models of school facilities for elementary, middle and high schools as part of a statewide facilities funding formula. Each model contains the essential spaces and provides adequate square foot allotments for those spaces. A per pupil square foot standard is then calculated to provide for those spaces and space sizes.

There are separate models for the Abbott districts. These Abbott models ensure suitable space is available to implement the programs and strategies that would be required to enact the Commissioner's proposal on supplemental programs. In addition, the Abbott models are consistent with the minimum adequacy standards set forth in the Commissioner's study of facilities in the Abbott districts. It should be noted that under this proposed legislation, the Abbott districts are not strictly bound by the square foot per pupil standards. Rather, additional space may be funded in an Abbott district if additional space is needed to provide required programs.

Finally, the Court has made further inquiry into the existence of any evaluations of GoodStarts. Dr. Odden noted in his expert report that he believed that the Department of



Human Services had conducted evaluations of GoodStarts. We have been advised by the Department of Human Services that no such evaluations have been done by that agency.

In making inquiry regarding the Court's request, it has come to my attention that in November 1996 the Department of Education compiled information from individual school district assessments of the GoodStarts program. A copy of the report is enclosed. As noted on page 6 of the report, each district participating in the GoodStarts program was responsible for conducting an evaluation of its program: "Districts designed their own research methodology and the evaluation reports were to describe their research activities including the following information: an identification of the assessment instruments utilized; analysis of data, and presentation of findings/results, and any program implications and recommendations." On the same page, however, the report also notes the fundamental flaws in this self-evaluative process by the districts:

Although, a few districts evaluation designs did include a control group, some districts reported so little information it was difficult to even determine ... the formal evaluation design. Furthermore, individual district evaluation designs do not necessarily compare data from students participating in the GoodStarts program with those children not participating in the program. As a result of different evaluation designs, methodologies and instruments, as well as the lack of reported information and data, findings are limited to each district.

The report provides a summary of each district's self-assessment of its GoodStarts program with implications and recommendations noted by the district as well as some observations by the Department. The report is not, and was not designed to be, an objective, standardized evaluation of the program. As indicated in my earlier letter, such an evaluation is presently being conducted by the Department of Education but is not yet complete.

Respectfully,

Peter Verniero Attorney General

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David Sciarra, Esq. (with enclosures)

c:

Summary School Prototypes New Jersey Department of Education Division of Finance Elementary

Base Assumptions

School Size = 500; 1/2 day Kindergarten, Grades 1-5

Number of Administrative/support personnel = T&E efficiency standards plus Technology Coordinator

Class Size = 21 (Kindergarten, Grades 1, 2, 3) and 23 (Grades 4-5)

Utilization factor = 90%

Toilet rooms in the kindergarten classes

Cafetorium with stage

Computer room

Media Center

Teachers' "Home Base" is his/her classroom for (1) lunch, (2) team planning, (3) grade level planning (4) departmentalized meetings

6% of population classified... half in self contained classrooms

133% assumed for circulation, toilet rooms, storage, mechanical, receiving, communications, electrical, and technology equipment rooms \$125 per approved square foot yields base costs for new construction - total approved costs will include, in addition to proposed

base costs, allowances for architect/MEPS engineering fees, civil engineering fees, site development and issuance costs

6.438

80.4

\$804,759

80

| | | Proposed Total Gross SF | Proposed SF/student | Proposed Base Costs | FTE |
|-----------|--------------------------|----------------------------|------------------------|------------------------|-----|
| Model (1) | All Non-Abbott Districts | 52,137 | 113.3 | \$6,517,168 | 460 |
| Model (2) | Abbott Districts | 52,902 | 115 | \$6,612,761 | 460 |

Differences in assumptions

One-to-one tutoring and small group reading incorporated into existing small group instruction room

..... [Calculations = 80 students x 3 grades = 240 students / 15 per class = 16 rooms..... (11.4 regular classrooms, 4 small group instr. rooms and 1 cafetorium]

Before/after care, after hours community programs incorporated into existing cafetorium

Office space added for (1) facilitator, (2) parent liaison, (3) social worker, and (4) security office

Model PreK-K Eligible for Early Childhood Program Aid

Differences in assumptions
Half-day Kindergarten for 80 students plus a half day preschool for 80 students ... Total FTE for both kindergarten and

preschool is 80 students (40 kindergarten students plus 40 preschool students)

Summary School Prototypes New Jersey Department of Education Division of Finance Middle School

Base Assumptions

School Size = 675

Number of Administrative/support personnel = T&E efficiency standards plus Technology Coordinator

Class Size = 23

Utilization factor = 90%

Science demonstration room

Cafetorium with stage and a Gymnasium

Teachers' "Home Base" is his/her classroom for (1) lunch, (2) team planning, (3) grade level planning (4) departmentalized meetings Media Center

8.8% of population classified... half in self contained classrooms

133% assumed for circulation, toilet rooms, storage, mechanical, receiving, communications, electrical, and technology equipment rooms
\$125 per approved square foot yields base costs for new construction - total approved costs will include, in addition to proposed
base costs, allowances for architect/MEPS engineering fees, civil engineering fees, site development and issuance costs

| | | Proposed Total Gross SF | Proposed SF/student | Proposed Base Costs | |
|-----------|--------------------------|----------------------------|------------------------|------------------------|-----|
| Model (1) | All Non-Abbott Districts | 74,548 | 110.4 | \$9,318,537 | 675 |
| Model (2) | Abbott Districts | 75,014 | 111.1 | \$9,376,724 | 675 |

Differences in assumptions

Office space added for (1) dropout prevention counselor, (2) community service coordinator, and (3) security office

Summary School Prototypes New Jersey Department of Education Division of Finance High School

Base Assumptions

School Size = 900

Number of Administrative/support personnel = T&E efficiency standards plus Technology Coordinator

Class Size = 24

Utilization factor = 90%

Science demonstration room and Science Lab

Cafeteria, Gymnasium, and Auditorium

Art room

Music Room

Media Center - Faculty reference room utilized by non-based (homeroom) teachers

Student Activity Center (school store, etc.)

12.3% of population classified... 1 class room only for self-contained

133% assumed for circulation, toilet rooms, storage, mechanical, receiving, communications, electrical, and technology equipment rooms \$125 per approved square foot yields base costs for new construction - total approved costs will include, in addition to proposed base costs, allowances for architect/MEPS engineering fees, civil engineering fees, site development and issuance costs

| | | Proposed Total Gross SF | Proposed SF/student | Proposed Base Costs | |
|-----------|--------------------------|----------------------------|------------------------|------------------------|-----|
| Model (1) | All Non-Abbott Districts | 127,055 | 141.2 | \$15,881,846 | 900 |
| Model (2) | Abbott Districts | 127,520 | 141.7 | \$15,940,033 | 900 |

Differences in assumptions

Office space added for (1) dropout prevention counselor, (2) community service coordinator, and (3) security office

Summary School Prototypes New Jersey Department of Education Division of Finance Central Office

Base Assumptions

School Size = 3075

Number of Administrative/support personnel = T&E efficiency standards

\$125 per approved square foot yields base costs for new construction - total approved costs will include, in addition to proposed base costs, allowances for architect/MEPS engineering fees, civil engineering fees, site developmentand issuance costs

> Proposed Proposed SF/student **Base Costs** \$596,875

All Districts

| ELEMENTARY SCHOOL MODEL - | All NON-AL | BBOTT | 1 | Į. | l | 1 | 1 | | |
|--|------------|---------------|-------------|-------|----------------|--------------|----------|-----------------------|---|
| K through Grade 5 | | | | | | | | | |
| Enrollment = 500 / 90% Utilization | | | | | | | | | |
| Full time equivalent (FTE) | 460 | | | | | | | | |
| | | ٨ | В | =A*B | | | | | |
| | | | | | | | | | |
| Room Designations | SF/Room | # of students | # of grades | total | avg class size | # of rooms | Gross SF | | Description |
| Kindergarten (half day) | 950 | 80.8 | 0.5 | 40.4 | 21 | 1.92 | 1,828 | | Includes 50 sf toilet room. |
| General Classroom - grades 1,2,3 | 850 | 80.8 | 3 | 242.4 | 21 | 11.54 | 9,811 | | For art, health, language arts, mathematics, music, reading, science, social studies, world languages. |
| General Classroom - grades 4,5 | 800 | 80.8 | 2 | 161.6 | 23 | 7.03 | 5,621 | | For art, health, language arts, mathematics, music, reading, science, social studies, world languages. |
| Special Education | 600 | 15 | 1 | 15 | 12 | 1.25 | 750 | | Special education = 6% of 500 / 30 students self contained students = 1/2 of 30 = 15 the other 1/2 are in resource centers utilizing small group instruction rooms. |
| | | | | | | | 18,010 | Subtotal | |
| | | | | - | | | 1.11 | Utilization factor | |
| | | | | | | | 19,991 | Subtotal Classroom SF | |
| Non-Instructional Area | | | | | | 1 | | | |
| Cafetorium with Stage (cafeteria + auditorium) | 6200 | | | | | 1.00 | | | Seating for 250: 250 x 16sf =4000 sf + 1,000 sf stage + 1200 sf satellite kitchen. For lunch, large group presentations, instrumental music. |
| Computer Room | 850 |) | | | | 1.00 | 850 | | |
| Gymnasium | 4250 | | | | | 1.00 | 4,250 | | Gymnasium = 4000 sf minimum for full-size basketball court + 250 sf storage room. |
| Media Center | 4000 | | | | | 1.00 | 4,000 | | Media center 75 students; 75x50sf = 3,750sf + 250 sf workroom/AV storage room. |
| Small Group Instruction Room (SGI) | 400 | 0 | | | | 4.00 | | | For basic skills, ESL, special education (resource center), speech. |
| | | | | | | <u> </u> | 16,900 | Subtotal Other Non-In | structional Area |

| Administration Area | | | | | | | |
|---------------------------------|-----|------|----------|------|-------------|-----------------|---|
| Nurse . | 400 | | | 1.00 | 400 | | |
| Reception/Main Office | 800 | | | 1.00 | 800 | | |
| Principal | 200 | | | 1.00 | 200 | | |
| Assistant Principal | 0 | | <u> </u> | 0.00 | | | |
| Conference Room | 300 | | | 1.00 | 300 | | |
| Teacher Work Room | 360 | | | 1.00 | 360 | | |
| Guidance/Counseling = reception | 0 | | | 0.00 | | | |
| Guidance/Counseling = 1 @ 125 | 125 | | | 1.00 | 125 | | |
| Facilitator | 0 | | | 0.00 | | | |
| Parent Liaison | 0 | | | 0.00 | | | |
| Social Worker | 0 | | | 0.00 | | | |
| Security Office | 0 | | | 0.00 | | | |
| Supervisor Office | 0 | | | 0.00 | | | |
| Technology Coordinator | 125 | | | 1.00 | 125 | - | |
| Student Activities | 0 | | | 0.00 | • | | |
| | | | | | | | |
| | | | | | 2,310 | Subtotal Adm | inistration Area |
| | | | | | 39,201 | TOTAL SF | |
| | | | | | 85 | per student | |
| | | | | | ***** | | <u> </u> |
| Circulation Space | % | | | | 1.33 | | For circulation, toilet rooms, storage, mechanical, receiving, communications and electrical. |
| | | | | | | | |
| | | | | | | per student | |
| | | | | | | | pulation of 460 FTE |
| | | | | | | cost per SF | |
| | · | | | | \$6,517,168 | cost of new cle | ementary school of 460 FTE |

| • | | | | | | | | | |
|--|--|---------------|-------------|-------|----------------|------------|---------------|--------------------|---|
| MENTARY SCHOOL MODEL | - ABBOT | Γ | | | | | | | |
| rough Grade 5 | | | | | | | | | |
| ollment = 500 / 90% Utilization | | | | | | | | | |
| time equivalent (FTE) | 460 | | | | | | | | |
| | | A | В | =A*B | | | | | |
| m Designations | SF/Room | # of students | # of grades | total | avg class size | # of rooms | Gross SF | | Description |
| | | | | | | | | | · |
| Jergarten (1/2 day) | 950 | 80.8 | 0.5 | 40.4 | 21 | 1.92 | 1,828 | | Includes 50 sf toilet room. |
| eral Classroom - grades 1,2,3 | 850 | 80.8 | 3 | 242.4 | 21 | 11.54 | 9,811 | | For art, health, language arts, mathematics, music, reading, science, social studies, world languages. |
| eral Classroom - grades 4,5 | 800 | 80.8 | 2 | | | 7.03 | | | For art, health, language arts, mathematics, music, reading, science, social studies, world languages. |
| cial Education | 600 | 15 | 1 | 15 | 12 | 1.25 | 750 | | Special education =6% of 500 / 30 students self contained students = 1/2 of 30 = 15 the other 1/2 are in resource centers utilizing small group instruction rooms. |
| | | | | | | | 18,010 | Subtotal | |
| | | | | | | | 1.11 | Utilization factor | |
| | | | | | | | 19,991 | Subtotal Classroor | n SF |
| n-Instructional Area | | | | | | | | | |
| fetorium with Stage (cafeteria + fitorium) mputer Room | 6200 | | | | | 1.00 | -} | | Senting for 250: 250 x 16sf =4000 sf + 1,000 sf stage + 1200 sf satellite kitchen. For lunch, large group presentations, instrumental music, before/after-care, after-hours community programs. |
| | | | | | | 1 | | | |
| mnasium | 4250 | | | | | 1.00 | 4,250 | | Gymnasium = 4000 sf minimum for full- size basketball court + 250 sf storage room. |
| edia Center | 4000 | | | | | 1.00 | 4,000 | | Media center 75 students; 75x50sf = 3,750sf + 250 sf workroom/AV storage room. |
| nall Group Instruction Room (SGI) | 400 | 0 | | | | 4.00 | | | For basic skills, ESL, special education (resource center), speech, group reading, one-to-one tutoring. |
| | 1 | | | | | | 16,900 | Subtotal Other No | n-Instructional Area |

| <u> </u> | | | | | | | |
|-------------------------------------|--------|---|--|------|-------------|-------------------|---|
| dnunistration Area | | | | | | | |
| urse | 400 | | | 1.00 | 400 | | |
| cception/Main Office | 800 | | | 1.00 | . 800 | | |
| incipal | 200 | | | 1.00 | 200 | | |
| ssistant Principal | 0 | | | 0.00 | - | | |
| onference Room | 300 | | | 1.00 | 300 | | |
| eacher Work Room | 360 | | | 1.00 | 360 | | · |
| uidance/Counseling = reception | 100 | * | | 1.00 | 100 | | |
| uidance/Counseling = 1 @ 125 | 125 | | | 1.00 | 125 | | |
| acilitator | 125 | * | | 1.00 | 125 | | |
| arent Liaison | 125 | • | | 1.00 | 125 | | |
| ocial Worker | 125 | • | | 1.00 | 125 | | |
| ccurity Office | 100 | * | | 1.00 | 100 | | |
| upervisor Office | 0 | | | 0.00 | - | | |
| echnology Coordinator | 125 | | | 1.00 | 125 | | |
| tudent Activities | 0 | | | 0.00 | - | | |
| | | | | | | Subtotal Admir | istration Area |
| Facilities for supplemental program | s only | | | | | TOTAL SF | |
| | - | | | | 86 | per student | |
| Sirculation Space | % | | | | 1.33 | | For circulation, toilet rooms, storage, mechanical, receiving, communications and electrical. |
| | | | | | | | |
| | | | | | 115.0 | per student | |
| | | | | | 52,902 | total SF for popu | lation of 460 FTE |
| | | | | | \$125.00 | cost per SF | |
| | | | | | \$6,612,761 | cost of new elen | entary school of 460 FTE |

| l | | l | 1 | } |] | |] | | | |
|----------------------------------|--------------|---------------|-------------|---------------|----------------|------------|-----------|----------------|-----------------------|---|
| Enrollment = 160/90% Utilization | | | | | | | | | | |
| Full time equivalent (FTE) | 80 | | | | | | | | | |
| | | ٨ | В | = A *B | | | | | | |
| Room Designations | SF/Room | # of students | # of grades | total | avg class size | # of rooms | Gross SF | | | Description |
| Pre-school (1/2 day) | 950 | 80 | 0.5 | 40 | 15 | 2.67 | 2,533 | | | Includes 50 sf toilet room. |
| Kindergarten (1/2 day) | 950 | 80.8 | 0.5 | 40.4 | 21 | 1.92 | 1,828 | | | Includes 50 sf toilet room. |
| | | | | | | | | | | |
| | | | | | | | | | · | |
| | | | | | | | | | | |
| | | | | | | | | | · ···· ··· | · |
| | | | | | | | | Subtotal | | |
| | | | | | | | | Utilization fa | | |
| | | | | | | | 4,841 | Subtotal Cla | ssro | om SF |
| | | | | | | | 61 | per student | | |
| | | | | | | | | | | For circulation, toilet rooms, storage, mechanical, receiving, communications and |
| Circulation Space | % | | | - | · | | 1.33 | | | electrical. |
| | | | | | | | 80.48 | per student | | · |
| | | | | | | | 6,438 | total SF for p | opul | ation of 80 FTE |
| | | | | | | | \$125.00 | cost per SF | | |
| | | | | | | | \$804,759 | cost of presc | hool/ | kindergarten full-time programs |

| IIDDLE SCHOOL MODEL - All NO | N-ABBOTT | _ | | | | | | |
|---|----------|-------|----------------|------------|-----------|-------------|-----------|---|
| rade 6 through Grade 8 | | | | | | | | |
| nrollment = 675 / 90% Utilization | 675 | | | | | | | |
| | | | | | | | | |
| oom Designations | SF/Room | total | avg class size | # of rooms | Gross SF | | | Description |
| | | · | | | | | | |
| eneral Classroom - grades 6,7,8 | 750 | 645.3 | 23.00 | 28.00 | 21,000 | | | For art, health, language arts, mathematics, music, reading, science (other than science demonstration room), social studies, world languages3.33 teams of 67.5 students per grade level = 224.78 students per grade. |
| cience Demonstration Room | 900 | | | 2.00 | 1,800 | | | One science demonstration room for 7, 8 grade level. Moveable teacher demonstration table and perimeter student areas with water science teachers in each grade rotate use of one grade level science demo room. |
| pecial Education | 600 | 29.7 | 12.00 | 2.48 | 1,485 | | | Special education = 8.8% of 675/59.4 studentsself contained classes = 1/2 of 59.4 = 29.7 the other 1/2 are in resource centers or in-class support. |
| | | | | | 24,285 | Subtotal | | |
| | | | | | 1.11 | Utilization | Factor | |
| | | | | | 26,956.35 | Subtotal C | Classroom | SF |
| on-Instructional Area | | | | | | | | |
| afetorium with Stage (cafeteria + aditorium) | 8100 | | | 1.00 | 8,100 | | | Seating for 350; 350 x 16sf = 5,600 sf + 1,000 sf stage + 1500 sf full kitchen. For lunch, large group presentations, instrumental music, before/after-care, after-hours community programs. |
| ymnasium | 9900 | | | 1.00 | 9,900 | | | Two teaching stations with spectator area for 200. Includes (2) 1000 sf locker rooms, (2) 150 sf instructor's office, (2) 200 sf storage room. |
| ledia Center | 6250 | | | 1.00 | 6,250 | | | Media center for 100 students = 100x60sf = 6,000 + 250 sf workroom/AV storage room. |
| mall Group Instruction Room (SGI) | 400 | | | 5.00 | | | · | For basic skills, ESL, special education (resource center), speech. |
| | | | | | 26,250 | Subtotal (| Other Nor | n-Instructional Area |

| 4 | | | | | |
|-------------------------------|-----|------|-------------|--------------|--|
| lninistration Area | | | | | |
| rtze | 400 | 1.00 | 400 | | |
| ception/Main Office | 800 | 1.00 | 800 | | |
| incipal | 200 | 1.00 | 200 | | |
| sistant Principal | 150 | 1.00 | 150 | | |
| inference Room | 300 | 1.00 | 300 | | · |
| acher Work Room | 520 | 1.00 | 520 | | |
| idance/Counseling = reception | 100 | 1.00 | 100 | | |
| iidance/Counseling = 2 @ 125 | 125 | 2.00 | 250 | | |
| opout Prevention Counselor | 0 | 1.00 | 0 | | |
| mmunity Service Coordinator | 0 | 1.00 | 0 | | |
| curity Office | 0 | 1.00 | 0 | | |
| pervisor Office | 0 | 0.00 | 0 | | |
| chnology Coordinator | 125 | 1.00 | 125 | | |
| udent Activities | 0 | 0.00 | 0 | | |
| | | | 2,845 | Subtotal Ad | Iministration Area |
| | | | | TOTAL SF | |
| | | | 83 | per student | |
| rculation Space | | | 1.33 | | For circulation, toilet rooms, storage, mechanical, receiving, communication and electrical. |
| | | | 110.44192 | per student | |
| | | | 74,548 | total SF for | population of 675 |
| | | | | cost per SF | |
| | | | \$9,318,537 | cost of new | middle school of 675 |

| Room Designations SF/ | 675 F/Room | <u>total</u> | avg class size | # of rooms | Gross SF | | | |
|--|---------------|--|----------------|------------|--|-------------|-------------|---|
| | F/Room | <u>total</u> | avg class size | # of rooms | Gross SF | | | |
| Room Designations SF/ | F/Room | <u>total</u> | avg class size | # of rooms | Gross SF | | | |
| | | <u>total</u> | avg class size | # of rooms | Gross SF | | | |
| | | <u>total</u> | avg class size | # of rooms | Gross SF | | | |
| | 750 | | | | | | - 1 | Description |
| | 750 | | | | | | | |
| General Classroom - grades 6,7,8 | 130 | 645.3 | 23.00 | 28.00 | 21,000 | | | For art, health, language arts, mathematics, music, reading, science (other than science demonstration room), social studies, world languages3.33 teams of 67.5 students per grade level = 224.78 students per grade. |
| Science Demonstration Room | 900 | | | 2.00 | 1,800 | | | One science demonstration room for 7, 8 grade level. Moveable teacher demonstration table and perimeter student areas with water science teachers in each grade rotate use of one grade level science demo room. |
| Special Education | 600 | 29.7 | 12.00 | 2.48 | 1,485 | | | Special education = 8.8% of 675/59.4 studentsself contained classes = 1/2 of 59.4 = 29.7 the other 1/2 are in resource centers or in-class support. |
| | | | | | 24,285 | Subtotal | | |
| | | | | | | Utilization | Factor | |
| | | ······································ | | | 26,956.35 | Subtotal C | lassroom | SF |
| Non-Instructional Area | | | | | | | | |
| Cafetorium with Stage (cafeteria + auditorium) | 8100 | | | 1.00 | 8,100 | | • | Seating for 350; 350 x 16sf = 5,600 sf + 1,000 sf stage + 1500 sf full kitchen. For lunch, large group presentations, instrumental music, before/after-care, after-hours community programs. |
| Gymnasium | 9900 | | | 1.00 | 9,900 | | | Two teaching stations with spectator area for 200. Includes (2) 1000 sf locker rooms, (2) 150 sf instructor's office, (2) 200 sf storage room. |
| Media Center | 6250 | | | 1.00 | 6,250 | | | Media center for 100 students = 100x60sf = 6,000 + 250 sf workroom/AV storage room. |
| Small Group Instruction Room (SGI) | 400 | | | 5.00 | | | | For basic skills, ESL, special education (resource center), speech. |
| | | | | | 26,250 | Subtotal C | ther Nor | n-Instructional Area |

| ministration Area | | | | | | |
|---|-------|----------|-------------|--------------|----------|---|
| ırse | 400 | 1.00 | 400 | | | |
| ception/Main Office | 800 | 1.00 | 800 | | | |
| incipal | 200 | 1.00 | 200 | | | |
| sistant Principal | 150 | 1.00 | 150 | | | |
| inference Room | 300 | 1.00 | 300 | | | |
| acher Work Room | 520 | 1.00 | 520 | | | |
| idance/Counseling = reception | 100 | 1.00 | 100 | | | |
| idance/Counseling = 2 @ 125 | 125 | 2.00 | 250 | | | |
| opout Prevention Counselor | 125 * | 1.00 | 125 | | | |
| mmunity Service Coordinator | 125 * | 1.00 | 125 | | | |
| curity Office | 100 * | 1.00 | 100 | | | |
| pervisor Office | 0 | 0.00 | 0 | | | |
| chnology Coordinator | 125 | 1.00 | 125 | | | |
| adent Activities | 0 | 0.00 | 0 | | | |
| | | | 3,195 | Subtotal A | dministr | ation Arca |
| Facilities for supplemental programs of | only | | 56,401 | TOTAL SF | | |
| | | | 84 | per student | | |
| | | | | | | For circulation, toilet rooms, storage, mechanical, |
| rculation Space | | | 1.33 | | | receiving, communication and electrical. |
| | | | 111.1315489 | per student | | |
| | | | | total SF for | | on of 675 |
| | | | | cost per SF | | |
| | | | \$9,376,724 | cost of new | middle s | chool of 675 |

| HIGH SCHOOL MODEL -All NON-ABBOTT | | | | | | | |
|---------------------------------------|---------|---------------------------------------|----------------|------------|-------------|---------------------|--|
| Grade 9 through Grade 12 | | | | | | | |
| Enrollment = 900/85% Utilization | 900 | | | | | | |
| Room Designations | SF/Room | total | avg class size | # of rooms | Gross SF | | Description |
| Art Room | 1200 | | | 1 | 1,200 | | Includes storage room. |
| General Classroom - grades 9,10,11,12 | 750 | 876 | 24 | 37 | 27,375 | | For English, health, mathematics, social studies, world languages. |
| Gymnasium | 14300 | | | . 1 | 14,300 | | Two teaching stations with bleachers. Includes (2) 1800 sf locker room, (2) 150 sf instructor's office, (2) 200 sf storage room. |
| Gymnasium - Auxiliary | 3800 | · · · · · · · · · · · · · · · · · · · | | 1 | 3,800 | | Includes (2) 200 sf storage room. |
| Music Room | 1480 | | | 1 | 1,480 | | For vocal/instrumental music with instrument and uniform storage. Includes 80 sf practice room. |
| Science Demonstration Room | 900 | | | | 900 | | For general science. Moveable teacher demonstration table and perimeter student areas with water. |
| Science Laboratory | 1350 | | | | 4,050 | | For biology, chemistry, physics. Includes (3) 150 sf prep room. |
| | 500 | | | | | | Special education = 12.3% of 900 / 110.7 students self contained students = 2 classes of 12 remainder of |
| Special Education | 600 | 24 | 12 | 2 | -, | | students in resource center or in-class support. |
| | _ | | | | | Subtotal | |
| | - | | <u> </u> | | | Utilization factor | |
| | _ | | ļ | | 64,080 | Subtotal Classroom | SF |
| Non-Instructional Area | _ | | | | | | |
| Auditorium with Stage | 6300 | | | | 6,300 | | Includes stage and control room. For large group presentations, instrumental music. |
| Cafeteria | 8000 | · | | | 1 8,000 | | Includes 2700 sf full service kitchen + 500 sf faculty dining area. For lunch, large group presentations, afterhours community programs. |
| Media Center | 10075 | | | | 1 10,075 | | Media center for 125 students: 125x75 sf = 9,375 + 400 sf for faculty reference room + 300 sf workroom/AV storage room. |
| Small Group Instruction Room (SGI) | 400 | | | | 6 2,400 | | For basic skills, ESL, special education (resource center), speech. |
| • | _ | | | | 26,775 | Subtotal Other Non- | Instructional Area |

| | | | | | | • | |
|---|------|---|----|------------|--------------------------------------|----------|---|
| Administration Area | | | | | | | |
| Nurse | 470 | | 1 | 470 | | | |
| Reception/Main Office | 1100 | | 1 | 1,100 | | | |
| Principal | 200 | · | 1 | 200 | | | |
| Assistant Principal | 200 | | 1 | 200 | | | |
| Conference Room = 2 @ 300 for admin, guidance, | | | - | | | | |
| cst | 300 | | 2 | 600 | | | |
| Teacher Work Room | 680 | | 1 | . 680 | | | |
| Guidance/Counseling = reception | 150 | | 1 | 150 | | | |
| Guidance/Counseling = 4 @ 125 | 125 | | 4 | 500 | | | |
| Dropout Prevention Counselor | 0 | | 1 | 0 | | | |
| Community Service Coordinator | 0 | | 1 | 0 | | | |
| Security Office | 0 | | 1 | 0 | | | • |
| Supervisor Office = 4 @ 100 | 100 | | 4 | 400 | | | |
| Technology Coordinator | 125 | | 1 | 125 | | | • |
| Student Activities = e.g. school store, yearbook, | | | | | | | |
| newspaper | 250 | | 1 | 250 | | | |
| | | | | 4,675 | Subtotal Administration Area | | |
| | | | | 95,530 | TOTAL | SF | |
| | | | 1 | 106.144333 | per stude | nt | |
| | | | | | | | For circulation, toilet rooms, storage, mechanical, |
| Circulation Space | | | | 1.33 | | <u> </u> | receiving. |
| | | | 1 | 141.171963 | per stude | nt | |
| | | | | 127,055 | total SF for population of 900 | | |
| ·. | | | | \$125.00 | 0 cost per SF | | |
| | | · | \$ | 15,881,846 | 1,846 cost of new high school of 900 | | |

| HIGH SCHOOL MODEL - ABBOTT | | | | | | | T |
|---------------------------------------|---------|-------|----------------|--------------|----------|--------------------|---|
| Grade 9 through Grade 12 | | | | | - | | |
| Enrollment = 900 / 85% Utilization | 900 | | | | | | |
| Room Designations | SF/Room | total | avg class size | # of rooms | Gross SF | | Description |
| Art Room | 1200 | | | 1 | 1,200 | | Includes storage room. |
| General Classroom - grades 9,10,11,12 | 750 | 876 | 24 | 37 | 27,375 | | For English, health, mathematics, social studies, world languages. |
| Gymnasium | 14300 | | | 1 | 14,300 | | Two teaching stations with bleachers. Includes (2) 1800 sf locker room, (2) 150 sf instructor's office, (2) 200 sf storage room. |
| Gymnasium - Auxiliary | 3800 | | | 1 | 3,800 | | Includes (2) 200 sf storage room. |
| Music Room | 1480 | | | 1 | 1,480 | | For vocal/instrumental music with instrument and uniform storage. Includes 80 sf practice room. |
| Science Demonstration Room | 900 | | | | 900 | | For general science. Moveable teacher demonstration table and perimeter student areas with water. |
| Science Laboratory | 1350 | | | | 4,050 | | For biology, chemistry, physics. Includes (3) 150 sf prep room. |
| Special Education | 600 | 24 | 12 | | 1,200 | | Special education = 12.3% of 900 / 110.7 students self contained students = 2 classes of 12 remainder of students in resource center or in-class support. |
| | | | | | | Subtotal | |
| | | | | | | Utilization factor | |
| | | | | <u>. </u> | 64,080 | Subtotal Classroo | m SF |
| Non-Instructional Area | | | | | | | · |
| Auditorium with Stage | 6300 | | | | 1 6,300 | | Includes stage and control room. For large group presentations, instrumental music. |
| Cafeteria | 8000 | | | | 1 8,000 | | Includes 2700 sf full service kitchen + 500 sf faculty dining area. For lunch, large group presentations, afterhours community programs. |
| Media Center | 10075 | | | | 1 10,075 | | Media center for 125 students: 125x75 sf = 9,375 + 400 sf for faculty reference room + 300 sf workroom/AV storage room. |
| Small Group Instruction Room (SGI) | 400 | | | | 6 2,400 | | For basic skills, ESL, special education (resource center), speech. |
| | | | | | 26,775 | Subtotal Other N | on-Instructional Area |

| Administration Area | | | | | |
|---|-------|---|--------------|---------------------------|---|
| Nurse | 470 | 1 | 470 | | |
| Reception/Main Office | 1100 | 1 | 1,100 | | |
| Principal | 200 | 1 | 200 | | |
| Assistant Principal | 200 | 1 | 200 | | |
| Conference Room = 2 @ 300 for admin, guidance, | | | | | |
| cst | 300 | 2 | 600 | | |
| Teacher Work Room | 680 | 1 | 680 | | |
| Guidance/Counseling = reception | 150 | | 150 | | |
| Guidance/Counseling = 4 @ 125 | 125 | | 500 | | |
| Dropout Prevention Counselor | 125 • | | 125 | | |
| Community Service Coordinator | 125 | | 125 | | |
| Security Office | 100 4 | | 100 | | |
| Supervisor Office = 4 @ 100 | 100 | 4 | 400 | | |
| Technology Coordinator | 125 | | 1 125 | | |
| Student Activities = e.g. school store, yearbook, | | | | | |
| newspaper | 250 | | 1 250 | | |
| | | | 5,025 | Subtotal Administratio | n Area |
| Facilities for supplemental programs only | | | 95,880 | TOTAL SF | |
| | | | 106.533222 | per student | |
| | | | | | For circulation, toilet rooms, storage, mechanical, |
| Circulation Space | | | 1.33 | 3 | receiving. |
| | | | 141.689186 | per student | |
| | | | 127,520 | total SF for population o | f 900 |
| | | | \$125.00 | cost per SF | |
| | | | \$15,940,033 | cost of new high school | of 900 |

| CENTRAL OFFICE MODEL | | | | | |
|-------------------------------------|---------------|---------------|-----------|------------------------|--|
| | ļ | | | | |
| District Enrollment | 3075 | | L | | |
| 3@ 500 elementary =1500; 1 middle : | school = 675, | ; I high scho | ol = 900 | | |
| Room Designations | SF/Room | # of rooms | Gross SF | | <u>Description</u> |
| Administrators | | | | | |
| Superintendent/Chief School | | | | | |
| Administrator's Office | 300 | 1.00 | 300 | | |
| Business Administrator's Office | 200 | 1.00 | 200 | | · |
| | | | | | |
| Curriculum/Personnel Office | 200 | 0.50 | 100 | | |
| | | | | | • |
| Supervisors | 200 | 5.00 | 1,000 | | One large office for 5 people x 200 sf. |
| | | | | | |
| Professional | 150 | 3.00 | 450 | | One large office for 3 people x 150 sf. |
| Clerical | 100 | 15.50 | 1,550 | | One large office for 15.5 people x 100 sf. which includes district files |
| Child Study Team | | | | | |
| LDTC, Psychologist, Social Worker | 125 | 7.00 | | | Individual offices for each cst member. |
| Conference Room | 300 | 1.00 | 300 | | For use by administration, cst, etc. |
| | | | 4,775 | Total SF | ! |
| | | | 1.55 | per student SF | , |
| | | | \$125.00 | cost per sf | |
| | | | \$596,875 | cost of central office | |