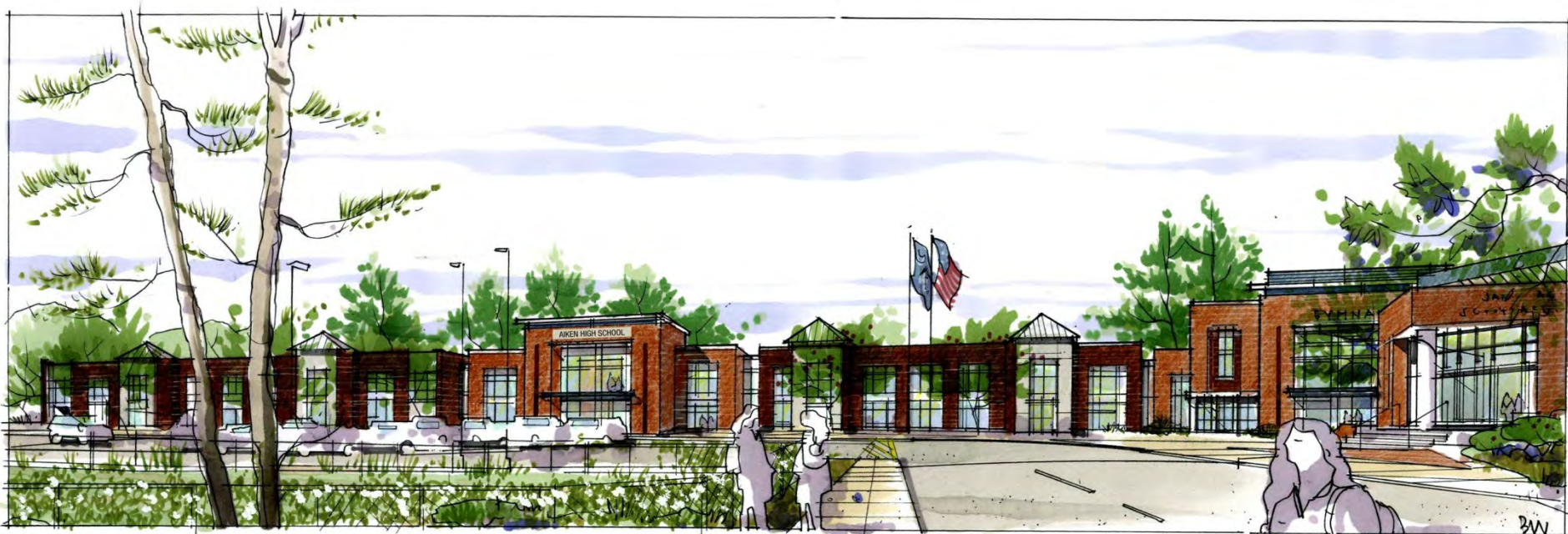


AIKEN COUNTY
PUBLIC SCHOOL DISTRICT

AIKEN HIGH SCHOOL PHASE 2

Schematic Design Presentation



September 15, 2015

LS3P

ORIGINAL PHASED MASTER PLAN

- PHASE 1:**
 New Classrooms & Science Lab/Classrooms; Athletic Field House; Maximize Front Parking Area; New School Sign
- PHASE 2:**
 Demo C-Wing & Weight Room; Eliminate 17 Portables; New 2-Story Classrooms & Kitchen/Student Dining Building; New Parking Area
- PHASE 3:**
 Demo Annex & Kitchen/Dining Area; New 2-Story Classrooms & Media Center Building; Expand Front Parking
- PHASE 4:**
 Demo B-Wing & Media Center; New 2-Story Classroom Building & Administration/Guidance
- PHASE 5:**
 Demo A,D & E Wings & Administration/Guidance; New Technology Center & Auxiliary Gym; Relocate Greenhouses
- PHASE 6:**
 Demo F-Wing & Old Gym; New Auditorium & Band/Chorus Building
- PHASE 7:**
 Relocate Softball Field; Add Rear Parking



ORIGINAL FINAL MASTER PLAN



PROCESS SINCE FUNDING WAS SECURED

Process

Questionnaires

Visioning Session with staff

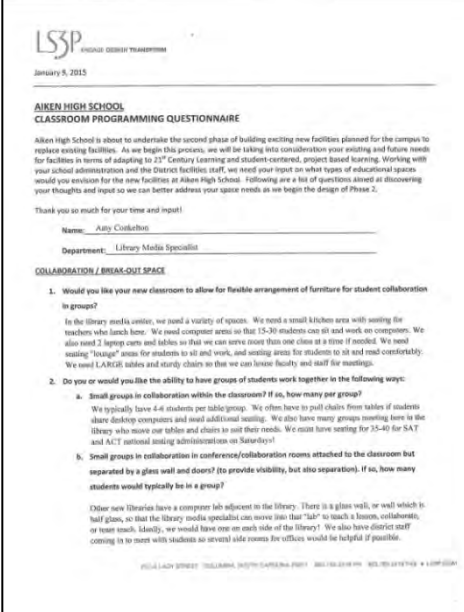
New Master Plan Concept Development and Direction

Programming Meetings with Administration and District Facilities Staff

Programming Meetings with Department Heads

Program and Master Plan Update to School Improvement Council and Teachers/Administration

Design meetings with District and School Admin. and CM at Risk to finalize Schematic Design



LS3P
January 5, 2015

**AIKEN HIGH SCHOOL
CLASSROOM PROGRAMMING QUESTIONNAIRE**

Aiken High School is about to undertake the second phase of building existing new facilities planned for the campus to replace existing facilities. As we begin this process, we will be taking into consideration your existing and future needs for facilities in terms of adapting to 21st Century Learning and students centered, project based learning. Working with your school administration and the District Facilities staff, we need your input on what types of educational spaces would you envision for the new facilities at Aiken High School. Following are a list of questions aimed at discovering your thoughts and input so we can better address your space needs as we begin the design of Phase 2.

Thank you so much for your time and input!

Name: Amy Colkathis
Department: Library Media Specialist

COLLABORATION / BREAK-OUT SPACE

1. Would you like your new classroom to allow for flexible arrangement of furniture for student collaboration in groups?

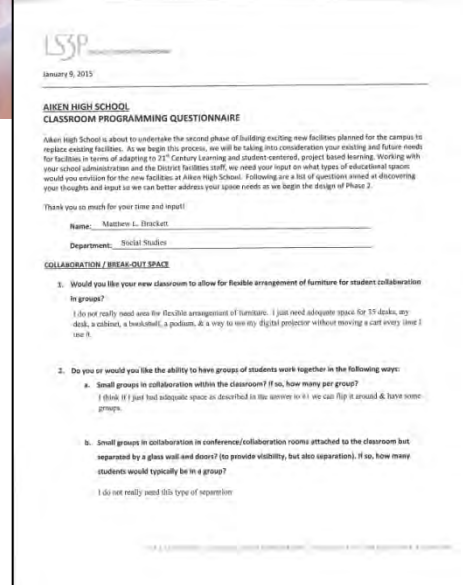
In the library media center, we need a variety of options. We need small tables and stools with seating for teachers who teach here. We need computer areas so that 15-20 students can sit and work on computers. We also need 2 laptop carts and tables so that we can serve more than one class at a time if needed. We need seating "lounges" areas for students to sit and work, and seating areas for students to sit and read comfortably. We need 1-2 round tables and study chairs so we can have faculty and staff for meetings.

2. Do you or would you like the ability to have groups of students work together in the following ways:

a. Small groups in collaboration within the classroom? If so, how many per group?
We typically have 4-6 students per table/group. We often have to pull chairs from tables if students share desktop computers and need additional seating. We also have many groups meeting here in the library who move over tables and chairs to suit their needs. We come here meeting for SAT and ACT national testing administration on Saturdays!

b. Small groups in collaboration in conference/collaboration rooms attached to the classroom but separated by a glass wall and doors? (to provide visibility, but also separation). If so, how many students would typically be in a group?
Other new libraries have a computer lab adjacent to the library. There is a glass wall, or wall which is half glass, so that the library media specialist can move into that "lab" to teach a lesson, collaborate, or meet needs. Ideally, we would have one on each side of the library! We also have district staff coming in to meet with students on several side rooms; the offices would be helpful if possible.

PHILLIP STREET TULLAHOMA DISTRICT FACILITIES DEPT. 301.762.0210 FAX 301.762.0212 • 1.000.0000



LS3P
January 5, 2015

**AIKEN HIGH SCHOOL
CLASSROOM PROGRAMMING QUESTIONNAIRE**

Aiken High School is about to undertake the second phase of building existing new facilities planned for the campus to replace existing facilities. As we begin this process, we will be taking into consideration your existing and future needs for facilities in terms of adapting to 21st Century Learning and students centered, project based learning. Working with your school administration and the District Facilities staff, we need your input on what types of educational spaces would you envision for the new facilities at Aiken High School. Following are a list of questions aimed at discovering your thoughts and input so we can better address your space needs as we begin the design of Phase 2.

Thank you so much for your time and input!

Name: Matthew L. Brackett
Department: Social Studies

COLLABORATION / BREAK-OUT SPACE

1. Would you like your new classroom to allow for flexible arrangement of furniture for student collaboration in groups?

I do not really need any for flexible arrangement of furniture. I just need adequate space for 15 desks, my desk, a cabinet, a bookshelf, a podium, & a way to use my digital projector without moving a cart every time I use it.

2. Do you or would you like the ability to have groups of students work together in the following ways:

a. Small groups in collaboration within the classroom? If so, how many per group?
I think if I just had adequate space as described in the answer to #1, we can flip it around & have some groups.

b. Small groups in collaboration in conference/collaboration rooms attached to the classroom but separated by a glass wall and doors? (to provide visibility, but also separation). If so, how many students would typically be in a group?
I do not really need this type of separation.

PHILLIP STREET TULLAHOMA DISTRICT FACILITIES DEPT. 301.762.0210 FAX 301.762.0212 • 1.000.0000

Major Goals for the Phase 2A:

Design as many new classrooms as possible

New Dining and Kitchen is a priority

Design as much additional space as possible in the first phase such as Media Center, Administration, etc.

NEW MASTER PLAN CONCEPTS – OPTION A



NEW MASTER PLAN CONCEPTS – OPTION B



NEW MASTER PLAN CONCEPTS – OPTION C



NEW MASTER PLAN CONCEPTS – OPTION D



NEW MASTER PLAN CONCEPTS – OPTION E

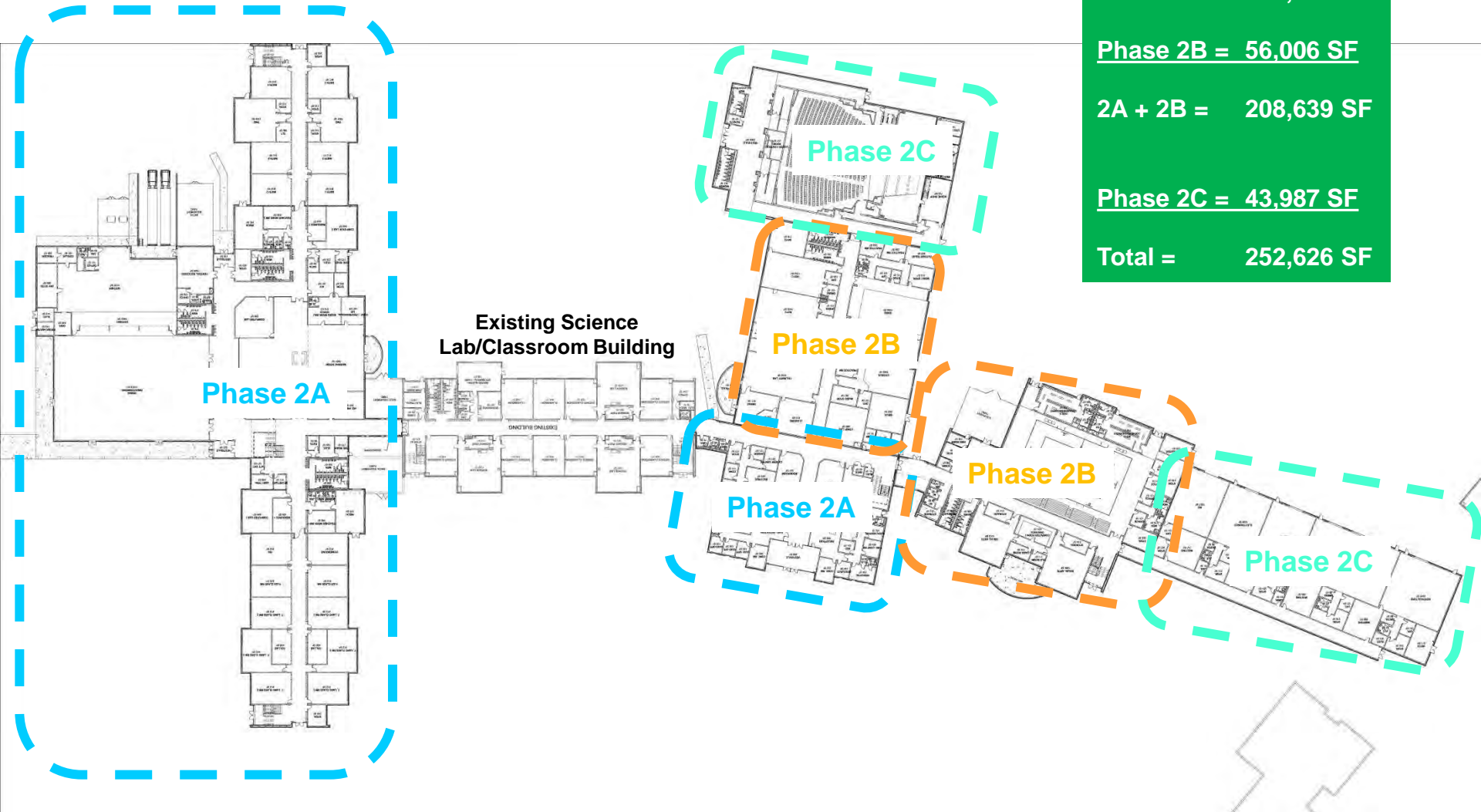


NEW MASTER PLAN OPTION E – DEVELOPED



NEW PHASING PLAN

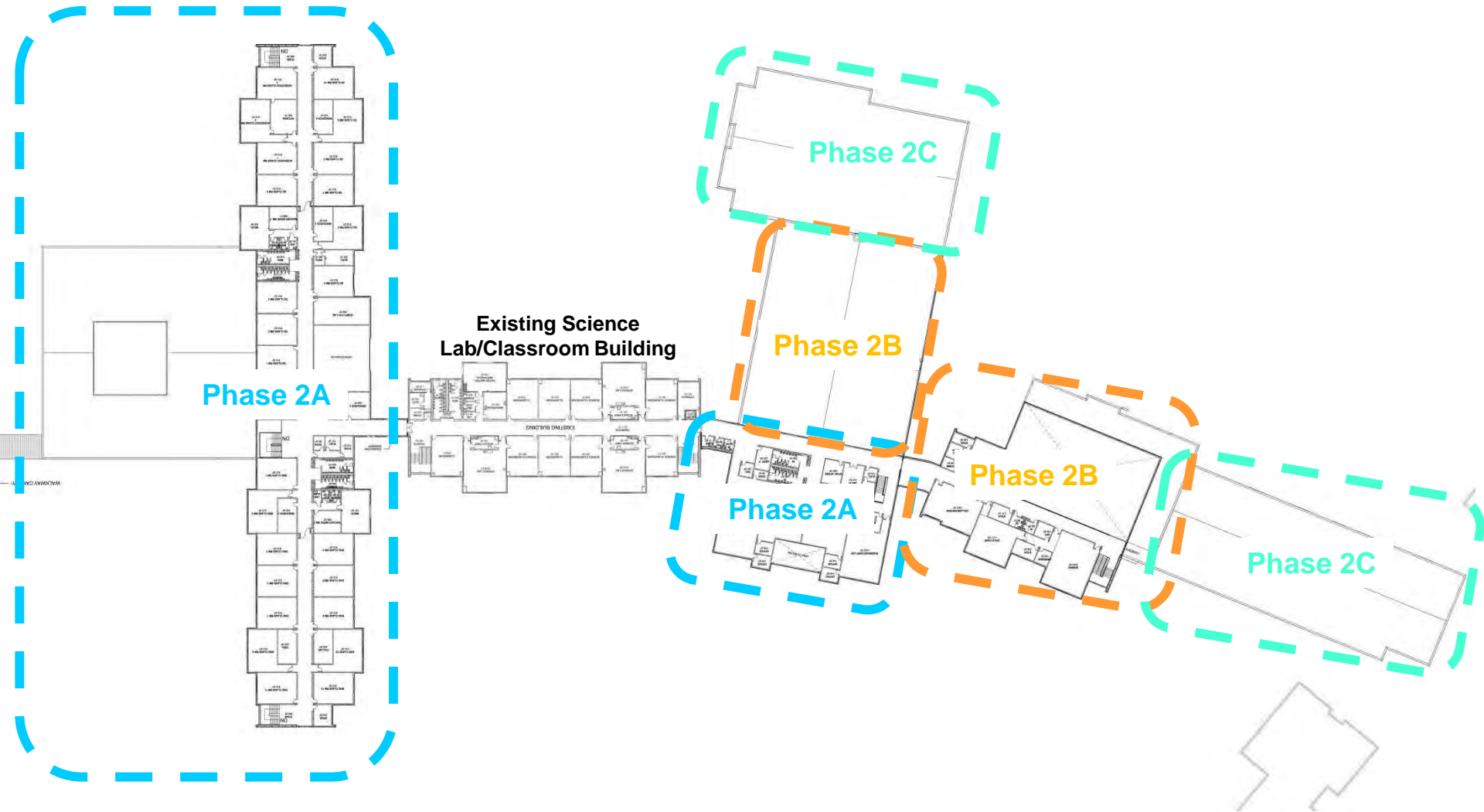
Overall First Floor Plan – Full Build-out



| | |
|------------|------------|
| Phase 2A = | 152,633 SF |
| Phase 2B = | 56,006 SF |
| 2A + 2B = | 208,639 SF |
| Phase 2C = | 43,987 SF |
| Total = | 252,626 SF |

NEW PHASING PLAN

Overall Second Floor Plan – Full Build-out



PHASE 2A

Phase 2A : 152,633 sf

Demolition:
Demo Portions of Annex
Wings and remove all
portables and covered
walkway



PHASE 2A

Phase 2A : 152,633 sf

New Construction:

- Classrooms
- Special Needs Spaces
- Media Center
- Dining / Food Service
- Administration / Guidance
- Business Labs

Demolition:

After Construction of Phase 2A, Demo Buildings A – D and Remaining Annex in Preparation for Phase 2B



PHASE 2B

Phase 2B: 56,006 sf

New Construction:

- Band / Chorus
- NJROTC
- Culinary Arts
- Auxiliary Gym
- Visual Arts
- Child Care/Sewing

Demolition:

After Construction of 2B,
demo the old Auxiliary
Gym and E Wing



PHASE 2C

Phase 2C: 43,987 sf

New Construction:

Auditorium

Vocational:

Horticulture, Automotive,
A/E, Electronics &
Industrial Technology

Demolition:

After Construction of
Phase 2C, Demo F
Building

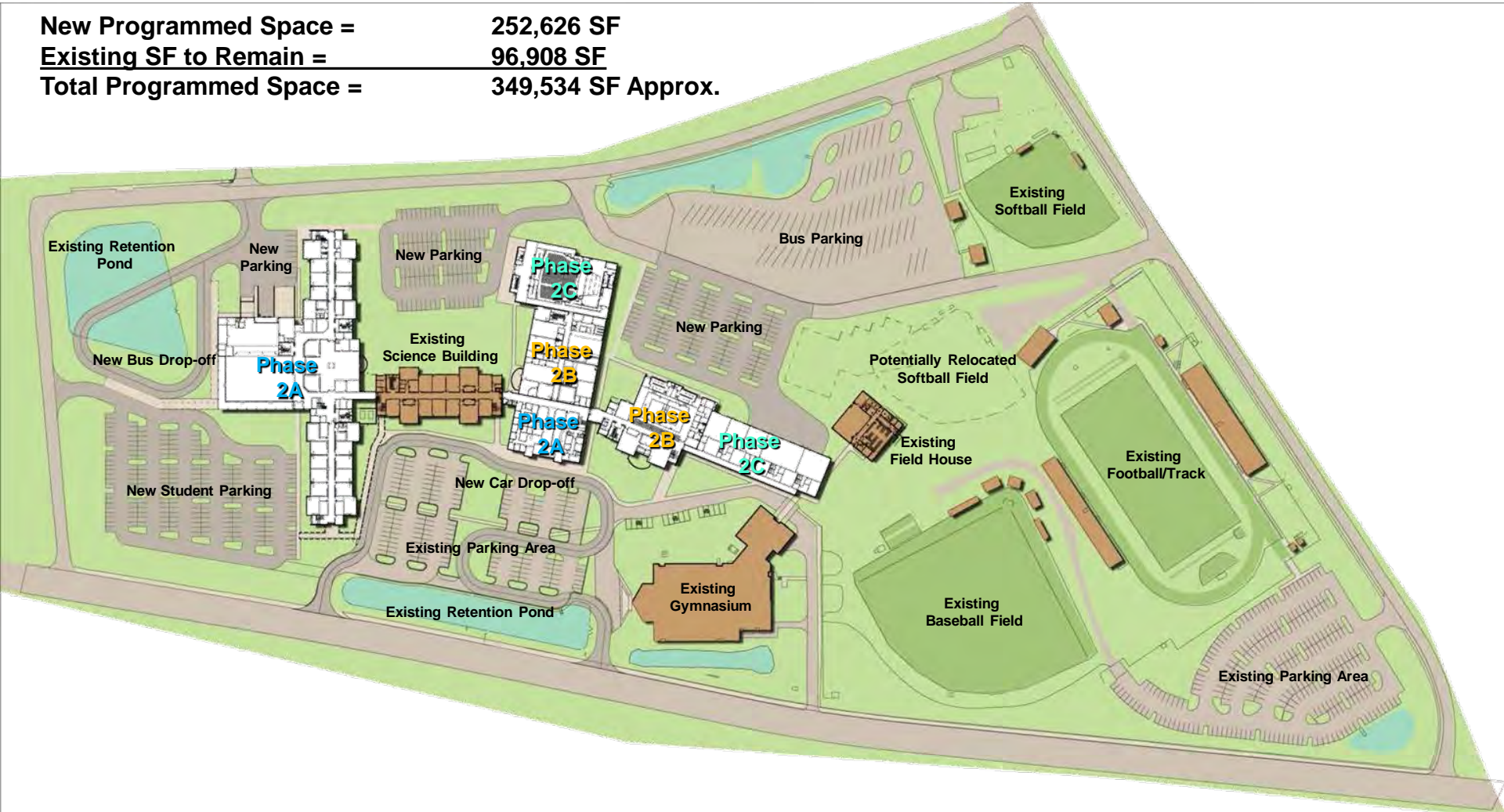
Renovation:

Renovate Taylor Building



OVERALL SITE PLAN

| | |
|---------------------------------|---------------------------|
| New Programmed Space = | 252,626 SF |
| <u>Existing SF to Remain =</u> | <u>96,908 SF</u> |
| Total Programmed Space = | 349,534 SF Approx. |



3-D MASSING RENDERINGS



3-D MASSING RENDERINGS



3-D MASSING RENDERINGS



3-D MASSING RENDERINGS



3-D MASSING RENDERINGS



3-D MASSING RENDERINGS



SCHEDULE

Aiken High School Aiken County Public School District

| Act ID | Description | Early Start | Early Finish | % | 2015 | | | | | | | | | | | | 2016 | | | | | | | | | | | | 2017 | | | | | | | | | | | | 2018 | | | | | | | | | | | | 2019 | | | | | | | | | | | |
|-----------------|------------------------|-------------|--------------|---|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL |
| PHASE 2A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1000 | SCHEMATIC DESIGN | 11AUG15 | 17AUG15 | 0 | ■ SCHEMATIC DESIGN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1010 | DESIGN DEVELOPMENT | 18AUG15 | 09NOV15 | 0 | ■ DESIGN DEVELOPMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1020 | CONSTRUCTION DOCUMENTS | 10NOV15 | 10FEB16 | 0 | ■ CONSTRUCTION DOCUMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1050 | BUILDING DEMOLITION | 10NOV15 | 21DEC15 | 0 | ■ BUILDING DEMOLITION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1030 | OSF/OWNER REVIEW | 11FEB16 | 09MAR16 | 0 | ■ OSF/OWNER REVIEW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1040 | ADVERTISEMENTS/BIDDING | 10MAR16 | 06APR16 | 0 | ■ ADVERTISEMENTS/BIDDING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1060 | NEW CONSTRUCTION | 07APR16 | 06OCT17 | 0 | ■ NEW CONSTRUCTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1070 | DISTRICT MOVE IN | 09OCT17 | 17NOV17 | 0 | ■ DISTRICT MOVE IN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PHASE 2B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1011 | DESIGN DEVELOPMENT | 07APR16 | 15JUN16 | 0 | ■ DESIGN DEVELOPMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1021 | CONSTRUCTION DOCUMENTS | 16JUN16 | 20OCT16 | 0 | ■ CONSTRUCTION DOCUMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1031 | OSF/OWNER REVIEW | 21OCT16 | 01DEC16 | 0 | ■ OSF/OWNER REVIEW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1041 | ADVERTISEMENTS/BIDDING | 09OCT17 | 17NOV17 | 0 | ■ ADVERTISEMENTS/BIDDING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1051 | BUILDING DEMOLITION | 20NOV17 | 13FEB18 | 0 | ■ BUILDING DEMOLITION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1061 | NEW CONSTRUCTION | 14FEB18 | 12APR19 | 0 | ■ NEW CONSTRUCTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1071 | DISTRICT MOVE IN | 15APR19 | 24MAY19 | 0 | ■ DISTRICT MOVE IN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Start date 11AUG15
 Finish date 24MAY19
 Data date 11AUG15
 Run date 24AUG15
 Page number 1A
 © Primavera Systems, Inc.

H.G. Reynolds Company, Inc.

- Early bar
- Progress bar
- Critical bar
- Summary bar
- ◆ Start milestone point
- ◆ Finish milestone point

SCHEMATIC DESIGN ESTIMATE



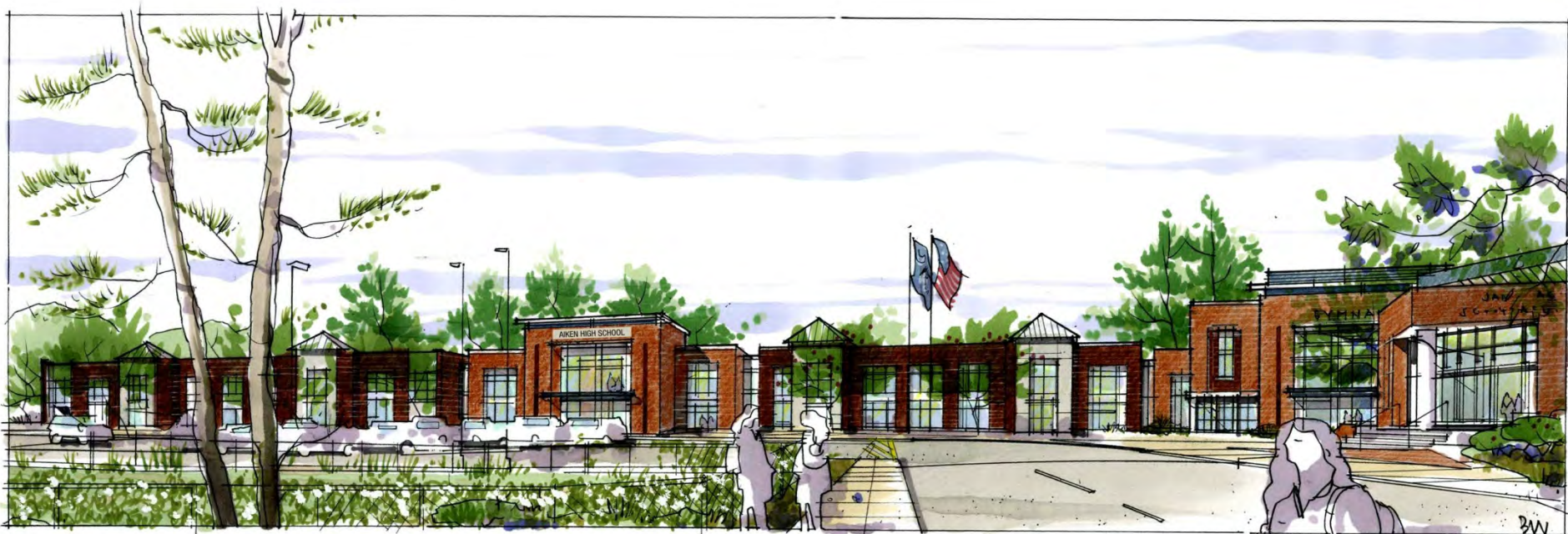
| Description | | Classrooms / Media / Admin | | Phase 2A (2015-2017) | Arts / Music / Career Tech / Aux Gym | | Phase 2B (2017-2018) |
|--------------------------------------------------|------------------------------|----------------------------|--------|----------------------|--------------------------------------|---------------|----------------------|
| | | GSF | \$/GSF | Totals | GSF | \$/GSF | Totals |
| Estimated Construction Costs | HG Reynolds | | | | | | |
| Demotion | | | | | | | |
| Site and Building Demolition | | 11900 | \$10 | \$119,000 | 121,760 | \$10 | \$1,217,600 |
| Building & Site | | | | | | | |
| New Construction | | 152,633 | \$185 | \$28,237,105 | 56,006 | \$190 | \$10,641,140 |
| Projected Sub-Total Construction | | | | \$28,356,105 | | | \$11,858,740 |
| Schematic Design / Estimate Contingency | 4.95% | | | <u>\$1,403,627</u> | | | <u>\$587,008</u> |
| Projected Total Construction / Phase | | | | \$29,759,732 | | | \$12,445,748 |
| Professional/Technical/Inspection Fees | (Fees, surveys, inspections) | | | | | | |
| TOTAL | | | | \$2,657,176 | | | \$978,865 |
| Advertising | | | | | | | |
| Bid advertisements | | | | (included in CM@R) | | | (included in CM@R) |
| Miscellaneous | | | | | | | |
| Fixtures, Furnishings & Equipment; Technology | 8% of Projected Const. | | | \$2,380,779 | | | \$995,660 |
| TOTAL | | | | \$2,380,779 | | | \$995,660 |
| Sub-Total | | | | \$34,797,687 | | | \$14,420,272 |
| Overall Project Contingency | 3.00% | | | \$1,043,930.61 | | | \$432,608.17 |
| ESTIMATED TOTAL | | | | \$35,841,618 | | | \$14,852,880 |
| | Running TOTAL | | | \$35,841,618 | | | \$50,694,498 |
| Alternates | | | | | | | |
| Add'l. Construction Admin (LS3P weekly) | OPTIONAL | | | 24 mo \$7,000 | \$168,000 | 14 mo \$7,000 | \$98,000 |
| Add'l. Construction Admin (Consultants as req'd) | OPTIONAL, hourly | | | 24 mo TBD | | TBD | |
| | | | | \$36,009,618 | | | \$14,950,880 |
| | Running TOTAL | | | \$36,009,618 | | | \$50,960,498 |
| | Budget over/under \$60M | | | \$23,990,382 | | | \$9,039,502 |
| OVERALL PROJECT BUDGET | | | | | | | |
| *Actual costs to be provided by District. | | | | | | | |

Confidential

AIKEN COUNTY
PUBLIC SCHOOL DISTRICT

AIKEN HIGH SCHOOL PHASE 2

Schematic Design Presentation



September 15, 2015

LS3P