

6.A.

The logo consists of the letters 'CR' in a white, bold, sans-serif font, centered within a dark blue square.

Crabtree, Rohrbaugh & Associates

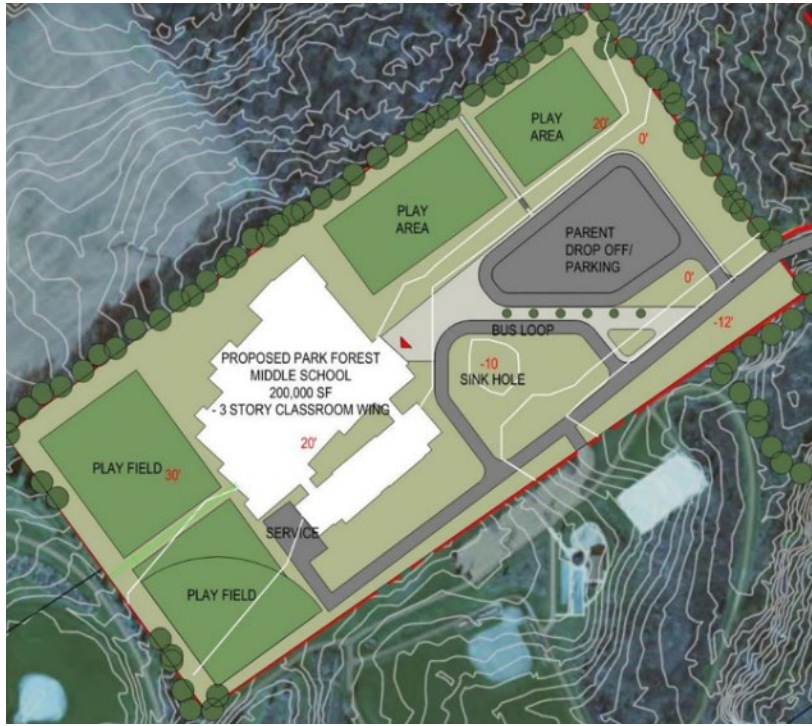
STATE COLLEGE AREA SCHOOL DISTRICT

District-Wide
Facility Master Plan Update
STEERING COMMITTEE MEETING

APRIL 18, 2024

PARK FOREST EDUCATIONAL PLANNING





PARK FOREST MIDDLE SCHOOL
STATE COLLEGE AREA SCHOOL DISTRICT
EDUCATIONAL PROGRAMMING
CRABTREE ROHRBAUGH & ASSOCIATES ARCHITECTS
 18-Mar-24

| FUNCTION AND AREA SUMMARY | EXISTING PERMS | | | NEW PERMS PROGRAM | | | | REMARKS |
|---|----------------|-----------------|----------|-------------------|------------|-----------------|----------|--|
| | # OF ROOMS | NET AREA (SQ.F) | SUBTOTAL | AREA PER ROOM | # OF ROOMS | NET AREA (SQ.F) | SUBTOTAL | |
| GENERAL EDUCATIONAL SPACES | | | | | | | | |
| GENERAL CLASSROOMS | 28 | 8,512 | 880 | 28 | 22,100 | 22 | 690 | 28,000 SF - 20,000 SF - 8,000 SF - 8,000 SF |
| Library | 1 | 5,000 | 5 | 1 | 5,000 | 1 | 5,000 | 20,000 SF - 20,000 SF - 8,000 SF - 8,000 SF |
| Activity | 7 | 6,300 | 7 | 7 | 5,950 | 7 | 5,950 | 20,000 SF - 20,000 SF - 8,000 SF - 8,000 SF |
| Social Studies | 6 | 5,500 | 6 | 6 | 5,000 | 6 | 5,000 | 20,000 SF - 20,000 SF - 8,000 SF - 8,000 SF |
| Foreign Language | 4 | 3,700 | 4 | 4 | 3,400 | 4 | 3,400 | 20,000 SF - 20,000 SF - 8,000 SF - 8,000 SF |
| Health | 3 | 2,950 | 3 | 3 | 2,650 | 3 | 2,650 | 20,000 SF - 20,000 SF - 8,000 SF - 8,000 SF |
| SCIENCE CLASSROOMS | 7 | 6,740 | 7 | 7 | 8,600 | 7 | 8,600 | |
| Science Lab | | | 1,200 | 7 | 7,400 | 7 | 7,400 | |
| Chemistry Lab | | | 1,200 | 0 | 0 | 0 | 0 | |
| Physics Lab/Classroom | | | 1,200 | 0 | 0 | 0 | 0 | |
| Environmental Science Lab/Classroom | | | 1,200 | 0 | 0 | 0 | 0 | |
| Science Office/Pop Room | 1 | 440 | 210 | 2 | 750 | 2 | 750 | Use existing building for Science Office |
| Science Classroom Storage | | | 180 | 0 | 0 | 0 | 0 | |
| LEARNING SUPPORT | | | | | | | 17,300 | |
| Small Group Instruction | | | 500 | 0 | 3,000 | 0 | 3,000 | |
| Resource Library | 6 | 6,000 | 600 | 6 | 5,700 | 6 | 5,700 | Use existing building for Resource Library |
| Tutoring Center | | 400 | 400 | 1 | 400 | 1 | 400 | |
| 6-7 Level Learning Support | | 600 | 600 | 3 | 2,800 | 3 | 2,800 | |
| Grade Level Learning Support | 3 | 1,700 | 480 | 3 | 3,800 | 3 | 3,800 | Use existing building for Grade Level Learning Support |
| Learning Support | 2 | 1,600 | 450 | 2 | 3,000 | 2 | 3,000 | Use existing building for Learning Support |
| 6-7 ESL | 1 | 100 | 100 | 1 | 250 | 1 | 250 | Use existing building for 6-7 ESL |
| 6-7 Main | 1 | 400 | 400 | 1 | 800 | 1 | 800 | Use existing building for 6-7 Main |
| MTSS Interventional | 1 | 400 | 400 | 1 | 800 | 1 | 800 | Use existing building for MTSS Interventional |
| 6-7 Min Intervention | 1 | 900 | 900 | 1 | 850 | 1 | 850 | Use existing building for 6-7 Min Intervention |
| 6-7 ESL | 1 | 300 | 300 | 1 | 300 | 1 | 300 | Use existing building for 6-7 ESL |
| | | | 41,445 | | | | 48,800 | |
| BUSINESS TECHNOLOGY | | | | | | | 0 | |
| BUSINESS CLASSROOM LAB | | | | | | | 0 | Use existing building for Business Technology |
| ADMINISTRATIVE SUPPORT SPACES | | | | | | | 0 | |
| STUDENT COUNSELORS | | | 3,000 | 1 | 3,000 | 1 | 3,000 | Use existing building for Student Counselors |
| OFFICE | | | 0 | 0 | 0 | 0 | 0 | |
| BOARD ROOM | | 300 | 300 | 1 | 300 | 1 | 300 | |
| INSTRUCTIONAL SUPPORT | | | 0 | 0 | 0 | 0 | 0 | |
| ADMINISTRATIVE SUPPORT | | | 0 | 0 | 0 | 0 | 0 | |
| MRC (COMMUNITY ROOM) | 1 | 400 | 400 | 1 | 3,000 | 1 | 3,000 | Use existing building for MRC |
| STUDENT ACTIVITY/LARGE GROUP INSTRUCTION | 1 | 500 | 500 | 1 | 3,000 | 1 | 3,000 | Use existing building for Student Activity |
| CONFERENCE ROOM | 1 | 900 | 900 | 1 | 1,000 | 1 | 1,000 | Use existing building for Conference Room |
| TV STUDIO | | | 2,280 | | | | 8,000 | Use existing building for TV Studio |
| LIBRARY/INSTRUCTIONAL MEDIA CENTER | | | | | | | 3,500 | |
| STUDENT LIBRARY | 1 | 2,500 | 2,500 | 1 | 3,500 | 1 | 3,500 | Use existing building for Student Library |
| STUDENT WORK CENTER | | 100 | 100 | | | | | |
| OFFICE | 1 | 200 | 200 | 1 | 300 | 1 | 300 | |
| COMPUTER ROOM | 1 | 300 | 300 | 1 | 200 | 1 | 200 | |
| COMPUTER LAB | | | 500 | 1 | 500 | 1 | 500 | |
| OFFICE | | | | | | | | |
| WORK ROOM/OFFICE | | | 250 | 1 | 250 | 1 | 250 | |
| TV STORAGE | | | 400 | 1 | 400 | 1 | 400 | |
| STORAGE | 1 | 100 | 100 | 1 | 200 | 1 | 200 | |
| STAFF OFFICE | | | | | | | | |
| | | | 5,785 | | | | 8,850 | |
| ART | | | | | | | 3,000 | |
| ART CLASSROOM | 2 | 2,000 | 2,000 | 2 | 3,000 | 2 | 3,000 | Use existing building for Art Classroom |
| ART CLASSROOM | 1 | 800 | 800 | | | | | |
| ART CLASSROOM/TECHNOLOGY | | | | 1 | 150 | 1 | 150 | |
| STUDIO | | | | | | | | |
| OFFICE | 1 | 300 | 300 | 1 | 400 | 1 | 400 | |
| TEACHER RESOURCE ROOM | 1 | 350 | 350 | 1 | 200 | 1 | 200 | Use existing building for Teacher Resource Room |
| STORAGE | 1 | 300 | 300 | | | | 4,350 | |
| MUSIC | | | | | | | 2,000 | |
| BAND/ORCHESTRA ROOM | 1 | 1,200 | 1,200 | 1 | 2,000 | 1 | 2,000 | Use existing building for Band/Orchestra Room |
| BAND STORAGE | | | 200 | 1 | 200 | 1 | 200 | |
| CHORUS | | | | | | | | |
| CHORUS MUSIC OFFICE | | | | | | | | |
| MUSIC OFFICE | 1 | 300 | 300 | 2 | 400 | 2 | 400 | |
| MUSIC CLASSROOM | 3 | 2,900 | 2,900 | 3 | 3,000 | 3 | 3,000 | Use existing building for Music Classroom |
| MUSIC PRACTICE ROOMS | | | | | | | | |
| INSTRUMENT STORAGE | 1 | 300 | 300 | 1 | 200 | 1 | 200 | Use existing building for Instrument Storage |
| | | | 4,786 | | | | 8,100 | |
| PERFORMING ARTS | | | | | | | 1,500 | |
| AUDITORIUM (100 seats per student) | 1 | 7,500 | 7,500 | 1 | 8,000 | 1 | 8,000 | Use existing building for Auditorium |
| REHEARSAL ROOM | | | 300 | 0 | 0 | 0 | 0 | |
| DRESSING ROOM | | | 100 | 0 | 0 | 0 | 0 | |
| APRON | | | 100 | 0 | 0 | 0 | 0 | |
| STAGE | 2 | 700 | 700 | 2 | 300 | 2 | 300 | |
| STAGE | 1 | 1,000 | 1,000 | 1 | 2,500 | 1 | 2,500 | |
| DRESSING ROOMS | | | | | | | | |
| TICKET BOOTH | | | 100 | 1 | 100 | 1 | 100 | |
| LOCKER STORAGE | | | 100 | 0 | 0 | 0 | 0 | |
| LIGHTING CONTROL | | | 100 | 0 | 0 | 0 | 0 | |
| PRODUCTION ROOM | | | 200 | 1 | 200 | 1 | 200 | |
| HOLLOW STAGE | | | 100 | 2 | 200 | 2 | 200 | |
| PROP STORAGE | | | 100 | 0 | 0 | 0 | 0 | |
| SCENE SHOP | | | 100 | 0 | 0 | 0 | 0 | |
| | | | 9,786 | | | | 11,000 | |
| TECHNOLOGY EDUCATION | | | | | | | 3,000 | |
| 6-7 ESD #1 | 1 | 1,000 | 1,000 | 1 | 3,000 | 1 | 3,000 | Use existing building for 6-7 ESD #1 |
| 6-7 ESD #2 | 1 | 1,000 | 1,000 | 1 | 3,000 | 1 | 3,000 | Use existing building for 6-7 ESD #2 |
| 6-7 ESD #3 | 1 | 1,000 | 1,000 | 1 | 3,000 | 1 | 3,000 | Use existing building for 6-7 ESD #3 |
| OFFICE | 3 | 500 | 500 | 3 | 3,000 | 3 | 3,000 | Use existing building for Office |
| STORAGE | 1 | 100 | 100 | 2 | 2,000 | 2 | 2,000 | Use existing building for Storage |
| | | | 9,786 | | | | 8,400 | |
| FAMILY & CONSUMER SCIENCES | | | | | | | 0 | |
| FOODS LAB/CLASSROOM | | | | | | | 0 | Use existing building for Family & Consumer Sciences |

Current Work in Progress

With Selection of New Construction on the Valley Vista, SCASD Site, Team is now meeting with SCASD to develop educational program.

Educational Team includes middle school administration team and districtwide educational team.

PLANS PURPOSELY OMITTED FOR SECURITY PURPOSES, WILL BE DISCUSSED AT IN PERSON MEETING

**PLANS PURPOSELY
OMITTED FOR
SECURITY
PURPOSES, WILL BE
DISCUSSED AT IN
PERSON MEETING**

| SPACE NAME | EXISTING PFMS PROGRAM SPACES | | | NEW PFMS PROGRAM REVISED PROGRAM REQUIREMENTS | | | REMARKS |
|---|------------------------------|-----------------|----------|---|-----------------|----------|---------|
| | # OF ROOMS | NET AREA (S.F.) | SUBTOTAL | # OF ROOMS | NET AREA (S.F.) | SUBTOTAL | |
| GENERAL EDUCATIONAL SPACES | | | | | | | |
| GENERAL CLASSROOMS | | | | | | | |
| English | 26 | | | 26 | 22,100 | | |
| Math | 8 | 5,610 | 850 | 8 | 5,610 | | |
| Social Studies | 7 | 5,365 | | 7 | 5,365 | | |
| Foreign Language | 4 | 3,370 | | 4 | 3,370 | | |
| Health | 3 | 2,655 | | 3 | 2,655 | | |
| SCIENCE CLASSROOMS/LABS | | | | | | | |
| General Lab | 7 | 5,245 | | 7 | 5,245 | | |
| Chemistry Lab | | | | | | | |
| Physics Lab/Classroom | | | 1,250 | | | | |
| Environmental Science Lab/Classroom | | | 1,250 | | | | |
| Science Office/Prep Room | | | 1,500 | | | | |
| Science Chemical Storage | 1 | 445 | | 1 | 445 | | |
| LEARNING SUPPORT | | | | | | | |
| Small Group Instruction | | | 150 | | | | |
| Academic Library | | | | | | | |
| Reading Center | | | 1,700 | | | | |
| 6-7 & Learning Support | 5 | 5,055 | 500 | 5 | 5,055 | | |
| Grade Level Learning Support | 1 | 420 | 420 | 1 | 420 | | |
| Learning Support | 3 | 1,705 | 950 | 3 | 2,255 | | |
| 6-7 & Support | 2 | 1,030 | 450 | 2 | 1,330 | | |
| 6-7 & Multi-90 | 1 | 780 | 400 | 1 | 400 | | |
| MTSS Interventionist | 1 | 600 | 400 | 1 | 400 | | |
| 6-7 & Intervention | 1 | 655 | 350 | 1 | 350 | | |
| 6-7 & ESL | 1 | 910 | 250 | 1 | 250 | | |
| BUSINESS TECHNOLOGY | | | | | | | |
| BUSINESS CLASSROOM/LAB | | 41,445 | | | 48,800 | | |
| BUSINESS COMPUTER LABS-DROP-IN | | | | | | | |
| BUSINESS CLASSROOM/LAB | | | | | | | |
| GENERAL SUPPORT SPACE | | | | | | | |
| STUDENT COMMONS | | | | | | | |
| CAFETERIA | | | | | | | |
| ROAD TO GO | | | 3,000 | | | | |
| IN-SCHOOL SUSPENSION | | | 1,000 | | | | |
| ALTERNATIVE EDUCATION | 1 | 300 | 300 | 1 | 300 | | |
| WRC (CONFERM USE) | | | 0 | | 0 | | |
| STUDENT ACTIVITY / LARGE GROUP INSTRUCTION | 1 | 425 | 0 | 1 | 0 | | |
| CONFERENCE ROOM | | | 0 | | 0 | | |
| TV STUDIO | 1 | 515 | 3,000 | 1 | 3,200 | | |
| LIBRARY / INFORMATIONAL MEDIA CENTER | | | | | | | |
| STUDENT LIBRARY | | | 1,000 | | | | |
| STUDENT WORK CENTER | | | | | | | |
| OFFICE | 1 | 4,550 | 3,500 | 1 | 3,500 | | |
| CONFERENCE ROOM | 1 | 410 | | 1 | 3,000 | | |
| COMPUTER LAB | 3 | 480 | 500 | 3 | 1,500 | | |
| OFFICE | 1 | 205 | 200 | 1 | 200 | | |
| WORK ROOM/OFFICE | | | 300 | | 300 | | |
| TV STORAGE | | | 200 | | 200 | | |
| STORAGE | | | 440 | | 250 | | |
| STAFF LOBBY | 1 | 150 | 290 | 1 | 290 | | |
| ART | | | | | | | |
| ART CLASSROOM | | 5,785 | | | 6,000 | | |
| ART CLASSROOM | 2 | 2,000 | | 2 | 2,000 | | |
| ART CLASSROOM TECHNOLOGY | 1 | 800 | 1,200 | 1 | 3,000 | | |
| ART ROOM | | | | | | | |
| OFFICE | | | | | | | |
| TEACHER RESOURCE ROOM | 1 | 350 | 150 | 1 | 150 | | |
| STORAGE/REPAIR | 1 | 250 | 500 | 1 | 450 | | |
| MUSIC | | | | | | | |
| BAND/ORCHESTRA ROOM | | 3,880 | 200 | | 210 | | |
| BAND STORAGE | | | | | | | |
| CHORAL | 1 | 1,421 | 2,000 | 1 | 2,000 | | |
| CHORAL MUSIC OFFICE | | | 200 | | 200 | | |
| MUSIC OFFICE | | | | | | | |
| CHORAL UNIFORM STORAGE | 2 | 340 | 200 | 2 | 400 | | |
| MUSIC CLASSROOM | | | | | | | |
| PRIVATE PRACTICE ROOMS | 3 | 2,820 | 1,000 | 3 | 3,000 | | |
| INSTRUMENT STORAGE | 1 | 360 | 500 | 1 | 500 | | |
| PERFORMING ARTS | | | | | | | |
| AUDITORIUM (1000 Seats) (S.F. per student) | | 4,785 | | | 5,100 | | |
| SEATING | | | | | | | |
| AVILES | 1 | 7,330 | 9,000 | 1 | 8,100 | | |
| APRON | | | 300 | | 0 | | |
| STIFF STAIRS | | | 100 | | 0 | | |
| STAGE | | | 100 | | 0 | | |
| DRESSING ROOMS | 2 | 790 | 400 | 2 | 400 | | |
| TICKET BOOT | 1 | 1,645 | 3,000 | 1 | 2,800 | | |
| LOBBY STORAGE | | | 300 | | 0 | | |
| PROJECT CONTROL | | | 100 | | 100 | | |
| PROJECT CONTROL ROOM | | | 100 | | 0 | | |
| FOOT LOCKERS | | | 100 | | 0 | | |
| PROP STORAGE | | | 200 | | 200 | | |
| SCENE SHOP | | | 100 | | 0 | | |
| TECHNOLOGY EDUCATION | | | | | | | |
| 6-7 & TECH ED | | 8,765 | | | 11,900 | | |
| 6-7 & WOOD SHOP (LAB) | 1 | 1,015 | 1,800 | 1 | 1,800 | | |
| 6-7 & ESSEL | 1 | 305 | 3,000 | 1 | 3,000 | | |
| OFFICE | 1 | 1,050 | 1,000 | 1 | 1,000 | | |
| STORAGE | 2 | 515 | 300 | 2 | 300 | | |
| | 1 | 130 | 400 | 1 | 300 | | |
| FAMILY & CONSUMER SCIENCES | | | | | | | |
| FOODS LAB CLASSROOM | | 8,785 | | | 8,400 | | |

Educational Program

- Grade Level Teaming
 - English
 - Math
 - Social Studies
 - Academic Literacy
 - Science
- Department Based Programs
 - Languages
 - Visual Arts
 - Technical Education
- Learning Support
 - Learning Support
 - Special Education
 - Autistic/ Multiple Disability
- Core Building Program
 - Performing Arts
 - Auditorium
 - Physical Education
 - Media Center
 - Kitchen/ Cafeteria

| FUNCTION AND AREA SUMMARY | | EXISTING PFMS | | | NEW PFMS PROGRAM | | | | | | | |
|-----------------------------------|-------------------------------------|----------------|--------|----------|------------------------------|-------|--------|----------|--------|-------|--|--|
| | | PROGRAM SPACES | | | REVISED PROGRAM REQUIREMENTS | | | | | | | |
| SPACE NAME | | # OF | NET | SUBTOTAL | AREA | # OF | NET | SUBTOTAL | CAP | TOTAL | REMARKS | |
| | | ROOMS | AREA | | PER | ROOMS | AREA | | PER | PDE | | |
| | | | (S.F.) | | ROOM | | (S.F.) | | ROOM | CAP | | |
| GENERAL EDUCATIONAL SPACES | | | | | | | | | | | | |
| GENERAL CLASSROOMS | | 26 | | | 850 | 26 | 22,100 | | 25 | 650 | Discuss S.F. since existing school has 910-930 classrooms | |
| | English | 6 | 5,510 | | | 6 | 5,100 | | | | Grade Based, 2 Teams/Grade, 1 per Team | |
| | Math | 7 | 6,365 | | | 7 | 5,950 | | | | Grade Based, 2 Teams/Grade, 1 per Team + (1) 6,7,8 Clsm. | |
| | Social Studies | 6 | 5,530 | | | 6 | 5,100 | | | | Grade Based, 2 Teams/Grade, 1 per Team | |
| | Foreign Language | 4 | 3,370 | | | 4 | 3,400 | | | | | |
| | Health | 3 | 2,855 | | | 3 | 2,550 | | | | Anticipated in Proximity to Physical Education, Department Based | |
| SCIENCE CLASSROOMS/LABS | | 7 | 6,245 | | | 7 | 9,500 | | 20 | 140 | | |
| | General Lab | | | | 1,250 | 7 | 8,750 | | | | | |
| | Chemistry Lab | | | | 1,250 | 0 | 0 | | | | | |
| | Physics Lab/Classroom | | | | 1,250 | 0 | 0 | | | | | |
| | Environmental Science Lab/Classroom | | | | 1,250 | 0 | 0 | | | | | |
| | Science Office/ Prep Room | 1 | 445 | | 250 | 3 | 750 | | | | Designed in Tandem w/ Classrooms | |
| | Science Chemical Storage | | | | 150 | 0 | 0 | | | | | |
| LEARNING SUPPORT | | | | | | | 17,200 | | | | | |
| | Small Group Instruction | | | | 500 | 6 | 3,000 | | | | | |
| | Academic Literacy | 6 | 5,055 | | 850 | 6 | 5,100 | | 25 | 150 | (2) per grade | |
| | Tutoring Center | 1 | 420 | | 450 | 1 | 450 | | 25 | 25 | | |
| | 6,7,8 Learning Support | | | | 850 | 3 | 2,550 | | | | | |
| | Grade Level Learning Support | 3 | 1,705 | | 450 | 3 | 1,350 | | | | Confirm if (3) 450's w ill be adequate | |
| | Learning Support | 2 | 1,030 | | 450 | 2 | 900 | | | | Confirm if 450's are adequate | |
| | 6,7,8 Speed | 1 | 180 | | 450 | 1 | 450 | | | | Confirm Purpose of Program | |
| | 6,7,8 Math 180 | 1 | 600 | | 850 | 1 | 850 | | | | | |
| | MTSS Interventionalist | 1 | 655 | | 850 | 1 | 850 | | | | | |
| | 6,7,8 Win Intervention | 1 | 910 | | 850 | 1 | 850 | | | | | |
| | 6,7,8 ESL | 1 | 570 | | 850 | 1 | 850 | | | | | |
| | | | | 41,445 | | | | | 48,800 | | | |

Educational planning except of working document being utilized to evaluate existing school as new program is developed.



Upcoming Building Tours

5 Middle Schools completed over the past 15 years throughout Pennsylvania.

Keith Valley Middle School

Mountain View Middle School

Bermudian Middle School

Middletown Middle School

Manheim Township Middle School



Building Tours of Middle Schools

Findings from Middle School Tours

- Indoor track for physical education and decompression activity space
- Various types of collaborative spaces and different sizes
 - Separate spaces for small groups up to multiple classrooms of students
 - Spaces adjoining multiple classrooms for multi-classroom collaboration
- Cafeterias configuration
 - Open-concept vs. center of the building with no wall separation
 - Outdoor seating
 - Variety of seating options i.e. booths, high top seating facing wall; round tables
- Student book/bag, instrument, and athletic equipment storage
 - Lockers generally provided for all students, most noted not used
 - Locker alternatives
 - Cubby spaces
 - Built-in instrument storage
 - Athletic bag room/drop

Findings from Middle School Tours (page 2)

- Use of color
 - Only school colors vs. variety of colors
- Secure access
 - All schools had secure access, limiting ability to go directly into the building without going into office
 - Access from secure vestibule - avoids parent/visitor entry into building
 - Nurse suite
 - Conference suite
- Distinct parent and bus drop off areas
- Main Street allowing for open space near entrance of building
- Learning towers/pods for each team with courtyards on first level
- Fenced outdoor learning spaces
- T.V. studios for morning announcements, video editing, green screen
- Garage doors (front exterior) for rooms leading into a common space
- Amenities for field maintenance

Steering Committee and Community Forum Discussion Points

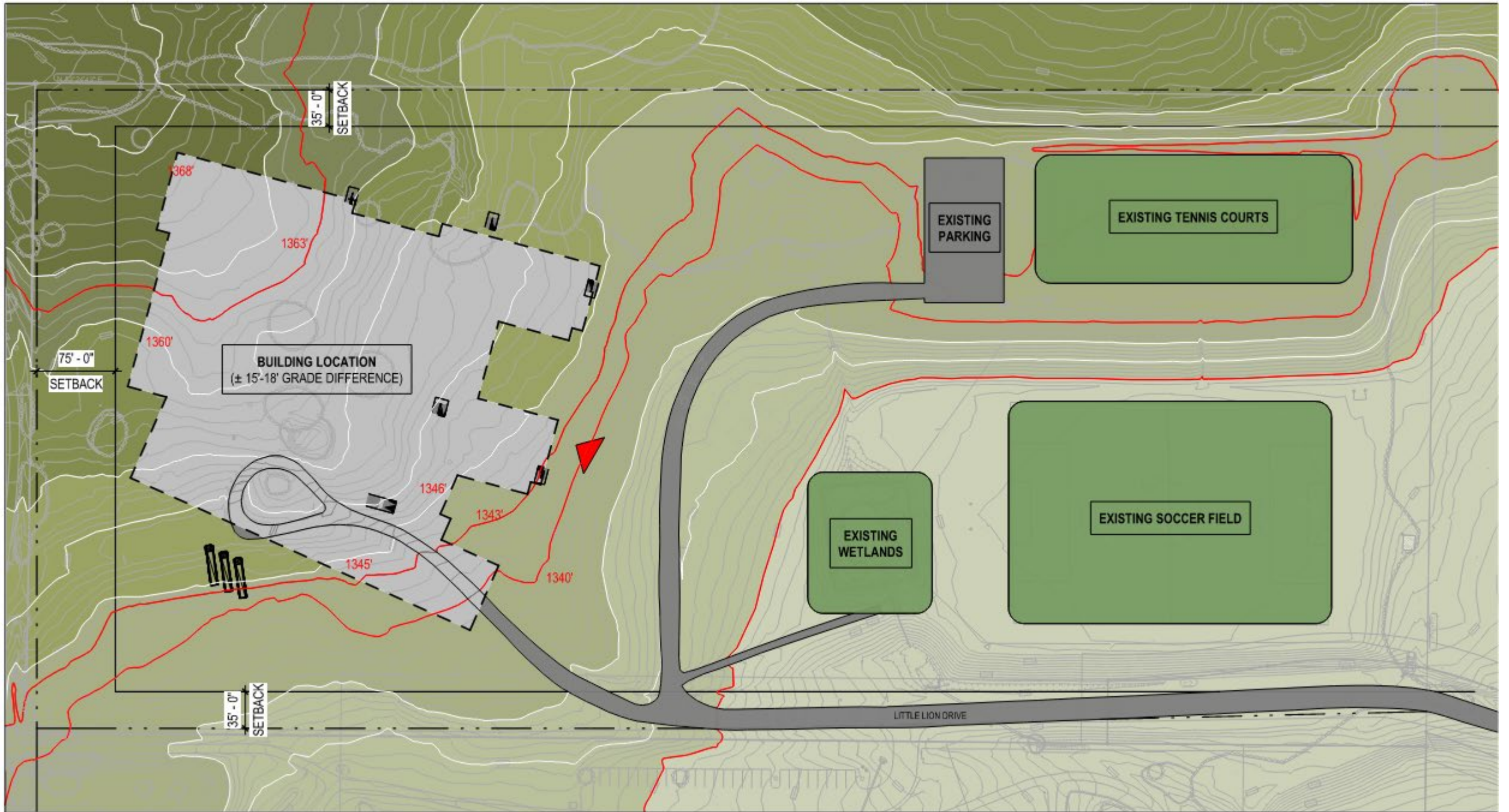
- Valley Vista traffic study.
- Grade level teams/departments.
- Shared equipment concerns/elevator access.
- Natural light/shortage of private spaces due to windows.
- Department spaces for conferences, PLC's, etc. vs. larger classroom spaces.
- Cafeteria - student quiet space, proximity to fields for outside time during lunch, administrative supervision
- Nursing/administrative/counseling layout.
- Conversation with CRPR regarding the adjacent park.
- Traffic flow onto and from site
- Pedestrian traffic
- Bus and parent drop off locations
- ADA accessibility for entrances, common areas and bathrooms
- Cafeteria location for access to outside for recess
- Floor assignment in building for each grade
- Natural lighting for all classrooms
- Construction time period to completion
- Building shade and glare
- Security measure consideration during design
 - Crime Prevention Through Environmental Design (CPTED)
- Stage access from an exterior entrance
- Circleville Park collaboration

PARK FOREST MS OPTION DEVELOPMENT



Valley Vista Site Analysis





**PLANS PURPOSELY
OMITTED FOR
SECURITY
PURPOSES, WILL BE
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FACILITY ASSESSMENT REPORT NARRATIVES (DWFMP)

6 | Park Forest Middle School

| | |
|--------------------------|---|
| Address: | 2180 School Drive State College, PA 16803 |
| Construction Timeline: | Originally constructed in 1971; renovation/addition in 1995 |
| Building Square Footage: | 147,060 sf |
| Site Acreage: | 30 acres |



Building Summary

Park Forest Middle School is a 1-story building located in Patton Township, State College, PA. The school currently houses grades 6-8. The property is served by public water and sewer, however, is not using natural gas in the school building. The emergency generator serving the school runs off natural gas.

Site Conditions

The site is bordered to the north by Park Forest Elementary School and shared parking lots. To the east and west are community suburbs, and to the south are playfields. The property around the school is mostly flat but does slope more significantly towards the north and there are substantial flooding issues when there is heavy rain.

Paving & Walkways:

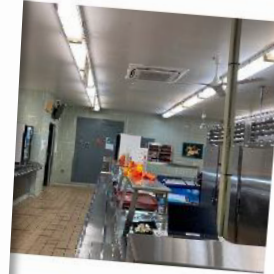
Vehicular access to the site is preponderant from Amblerwood Way. Parents and buses pick up and drop off from the drive loop at the front of the school. Buses currently pick up and drop off students at the school and is overlapping with parking and parent pick-up. Traffic is problematic particularly in

State College Area School District Section 6 - Existing Facility Conditions Analysis

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inning to stain.

inning to deteriorate at the



construction option for Park Forest's
replaced and or demolished in the next 5
ing kitchen through routine maintenance,
ocused to funding of the new construction,
of the majority of existing equipment,
for the new school is completed.

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Narrative Reports

- Individual Reports are 15-18 pages per school.
- Initial focus has been on elementary schools & middle schools
- Current District Configuration
 - 8 Elementary Schools
 - 2 Middle Schools
 - 2 High School Buildings on Shared Campus
 - Support Facilities
- Existing Building Use Plans

**PLANS PURPOSELY
OMITTED FOR
SECURITY
PURPOSES, WILL BE
DISCUSSED AT IN
PERSON MEETING**

Narrative Reports

ELEMENTARY SCHOOLS

- 2002-2005
 - Easterly ES
 - Greys Woods ES
 - Park Forest ES
- 2011
 - Ferguson Twp. ES
 - Mount Nittany ES
- 2019
 - Radio Park ES
 - Spring Creek ES
 - Corl Street ES

MIDDLE SCHOOLS

- 1971
 - PARK FOREST MS
 - RENO- 1995
- 1995
 - Mount Nittany MS

HIGH SCHOOL

- 2019
 - SOUTH BUILDING
 - NORTH BUILDING

Narrative Reports

ELEMENTARY SCHOOLS

- 2002-2005
 - Easterly ES
 - Greys Woods ES
 - Park Forest ES
- 2011
 - Ferguson Twp. ES
 - Mount Nittany ES
- 2019
 - Radio Park ES
 - Spring Creek ES
 - Corl Street ES

MIDDLE SCHOOLS

- 1971
 - **PARK FOREST MS**
 - **RENOVATION- 1995**
- 1995
 - Mount Nittany MS

HIGH SCHOOL

- 2019
 - SOUTH BUILDING
 - NORTH BUILDING

6 | Park Forest Middle School

| | |
|--------------------------|---|
| Address: | 2180 School Drive State College, PA 16803 |
| Construction Timeline: | Originally constructed in 1971; renovation/addition in 1995 |
| Building Square Footage: | 147,060 sf |
| Site Acreage: | 30 acres |



Building Summary

Park Forest Middle School is a 1-story building located in Patton Township, State College, PA. The school currently houses grades 6-8. The property is served by public water and sewer, however, is not using natural gas in the school building. The emergency generator serving the school runs off natural gas.

Site Conditions

The site is bordered to the north by Park Forest Elementary School and shared parking lots. To the east and west are community suburbs, and to the south are playfields. The property around the school is mostly flat but does slope more significantly towards the north and there are substantial flooding issues when there is heavy rain.

Paving & Walkways:

Vehicular access to the site is preponderant from Amblerwood Way. Parents and buses pick up and drop off from the drive loop at the front of the school. Buses currently pick up and drop off students at the school and is overlapping with parking and parent pick-up. Traffic is problematic particularly in

State College Area School District Section 6 - Existing Facility Conditions Analysis

face brick and either the weep
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construction option for Park Forest's
 replaced and or demolished in the next 5
 ing kitchen through routine maintenance,
 focused to funding of the new construction,
 of the majority of existing equipment,
 for the new school is completed.



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**PLANS PURPOSELY
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SECURITY
PURPOSES, WILL BE
DISCUSSED AT IN
PERSON MEETING**

Narrative Reports

- **Individual Reports are 15-18 pages per school.**
- **Initial focus has been on elementary schools & middle schools**
- **Current District Configuration**
 - **8 Elementary Schools**
 - **2 Middle Schools**
 - **2 High School Buildings on Shared Campus**
 - **Support Facilities**
- **Existing Building Use Plans**

- Inspect weep holes at the base of the exterior walls to make sure the moisture within the wall cavity. If weep holes are nonexistent will have through wall flashing, cavity drainage material and weep holes and/c
- Cap all brick rowlock windowsills with metal.
- Repair exposed steel at base and re-paint.
- Repair and clean EIFS/Exterior Portland Cement Plaster.

Roofing:

The roofs that are lighter in color on the plan below were roofs replaced membrane roofing system. The remainder of the flat roofs are built-up roof. One of the higher roofs has a mansard style roof with wood shingles and one of the roofs replaced in 2015. The wood shingles appear to be in fair collected via roof drains and the internal roof water conductors run vertically. From there they run horizontally and tie into exterior underground storm



Recommendations:

State College Area School District | Section 6 - Existing Facility Conditions Analysis

Emergency Power

- A 208/120-volt, 3-phase, 30KW natural gas generator is installed. It is manufactured by Onan and appears to be original to the building. It is in poor condition.
- A replacement Cummins automatic transfer switch and area protection panel appear to have been installed in 2017 and are in good condition. The location of the automatic transfer switch does not meet the requirements of the codes.
- Self-contained exit signs with battery back-up are being used throughout the building and most are in poor condition.
- Designated recessed downlight luminaires are connected to the emergency system and are used for emergency lighting.

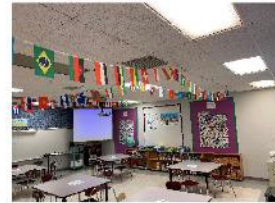


Recommendations:

- Install new generator, life-safety and optional equipment automatic transfer switches, distribution equipment, and new raceways and wiring.

Lighting

- Corridors and most classrooms use 2'x4' recessed luminaires with deep cell parabolic lenses and T-8 fluorescent lamps. Also, some Classrooms are using 2'x4' recessed trougher luminaires with Holograph 8224 lenses and T-8 fluorescent lamps.
- Kitchen luminaires are surface-mounted fluorescent luminaires and have wrap-around boxed prismatic lens and T-8 fluorescent lamps.
- Mechanical and storage room Luminaires are using T-12 and T-8 fluorescent lamps.
- The multi-purpose room appears to be using high-bay type fluorescent luminaires.
- Existing luminaires use 120-volt and 277-volt for power.
- The Auditorium has pendant stem-mounted luminaires assembled in a square shape using fluorescent lamps.
- Existing lighting controls do not meet current energy code requirements for automatic switching, daylight harvesting, and dimming.
- Exterior lighting consists of luminaires using HID, PL fluorescent lamps and LED lamps.



Recommendations:

- Luminaires are outdated and in poor to fair condition and should be replaced with new LED luminaires.
- Install new lighting controls that will meet the energy code requirements.
- Replace exterior luminaires that have not already been replaced with new luminaires with LED lamps.

State College Area School District | Section 6 - Existing Facility Conditions Analysis

Evaluation Categories

- Site Conditions
- Exterior Envelope
 - Exterior Walls
 - Roofing
 - Doors & Windows
- Building Structure
- Interior Building Conditions
 - Finishes
 - Doors
 - Casework & Equipment
 - Code & Accessibility
 - Food Service
- HVAC Systems
- Plumbing
- Electrical

| Example ES | SCHOOL YEAR | | | | | | | For Discussion |
|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------|
| | 2023-24 | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | Future | |
| SITE | | | | | | | | |
| Sidewalk/Paving Maintenance (2 year bid: old 14/sf; new 16/sf; 14.50/sf curb) | \$ 18,750 | \$ 18,750 | \$ 18,750 | \$ 18,750 | \$ 18,750 | \$ 18,750 | \$ 18,750 | \$ 18,750 |
| Seal Coat Parking Lot | | | | | | | | |
| <i>Sub-Total</i> | \$ 18,750 | \$ 18,750 | \$ 18,750 | \$ 18,750 | \$ 18,750 | \$ 18,750 | \$ 18,750 | \$ - |
| EXTERIOR OF BUILDING | | | | | | | | |
| Masonry Resotration - Cleaning/Repoint/Replacement | | \$ 54,000 | | | | | | |
| Door Replacement | \$ 30,000 | | | | | | | |
| Roof Replacement | | | | | | \$ 1,155,000 | | |
| <i>Sub-Total</i> | \$ - | \$ 54,000 | \$ - | \$ - | \$ - | \$ 1,155,000 | \$ - | \$ - |
| INTERIOR OF BUILDING | | | | | | | | |
| Carpet Replacement - VCT 2nd Floor | \$ 94,380 | | | | | | | |
| Kitchen Equipment and Flooring | | | \$ 400,000 | | | | | |
| ACT Ceiling Tile Replacement | \$ - | \$ 60,345 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Casework Upgrades | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Student Toilets/Classroom - Upgrade | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Clean/Repair/Paint CMU Walls | \$ 3,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Plaster/Wall Repair | \$ 1,200 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Main Entrance Floor Tile Repair | \$ 1,700 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| <i>Sub-Total</i> | \$ 100,280 | \$ 60,345 | \$ 400,000 | \$ - | \$ - | \$ - | \$ - | \$ - |
| SAFETY & SECURITY | | | | | | | | |
| | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| <i>Sub-Total</i> | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| PLUMBING & FIRE PROTECTION | | | | | | | | |
| Plumbing Fixtures - Efficiency and Age Replacement | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Water Heaters | \$ - | \$ 34,500 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Sanitary System - Scope Pipes; one building a year | \$ 18,706 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Domestic Water System Valve Replacement | \$ 74,824 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| <i>Sub-Total</i> | \$ 93,530 | \$ 34,500 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| ELECTRICAL | | | | | | | | |
| Normal Electrical Distribution Equipment Replacement (as part of large project) | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,122,354 |
| Lighting LED Replacement & Controls (currently under contract) | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Emergency Generator & Power Distribution | \$ 374,118 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| Clock & Intercom Systems | \$ - | \$ 299,294 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| <i>Sub-Total</i> | \$ 374,118 | \$ 299,294 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 1,122,354 |
| HVAC | | | | | | | | |
| | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| <i>Sub-Total</i> | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - |
| <i>Estimating Contingency 20%</i> | | | | | | | | |
| Needs by Year | \$ 704,014 | \$ 560,267 | \$ 502,500 | \$ 22,500 | \$ 22,500 | \$ 1,408,500 | \$ 22,500 | |
| Cumulative Needs by Year | \$ 3,564,458 | \$ 4,301,678 | \$ 4,542,563 | \$ 5,199,718 | \$ 4,370,179 | \$ 5,450,748 | \$ 3,387,300 | |

Next Steps (April)

Refinement of narratives discussed this evening

Development of Budgeting for items identified in the Facility Narratives

Prioritization & Assignment within 5-10 Capital Plan

EXISTING PFMS SITE

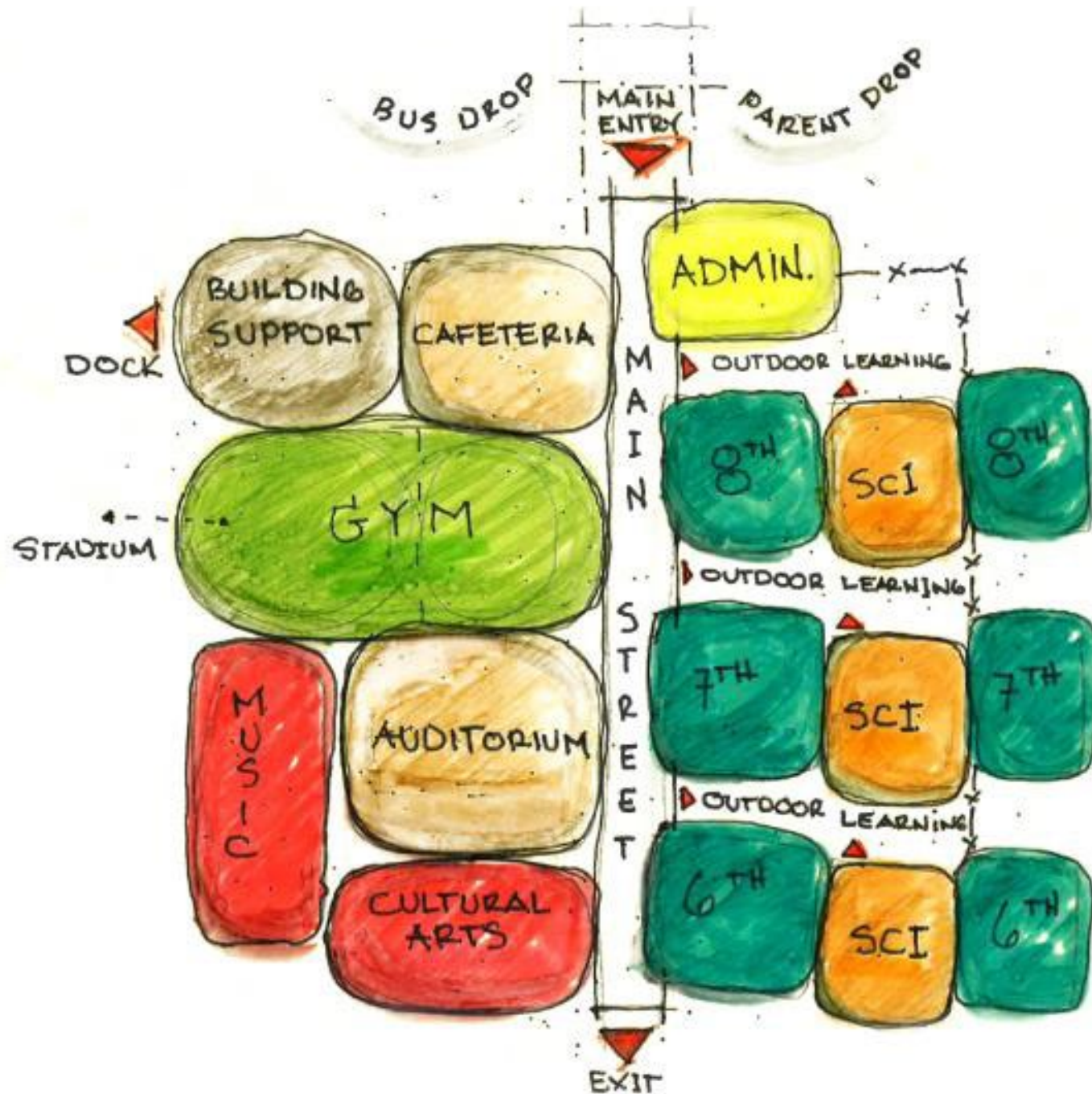


PFMS- Future use of the existing campus

NEXT STEPS

Districtwide Study

- Finalization of Facility Condition Assessments
 - Incorporation of Support Facilities
- Development of 5-10 Year Capital Plan
- Districtwide Evaluation of Playgrounds & Athletic Facilities
- Greenhouse Gas Emissions
 - Gathering of Information to begin development of Reports
 - Verdacity Sustainability Consultants will be developing the inventory based upon
 - ICLEI USA's Clearpath software
 - Program utilized by Centre County



Park Forest Middle School

- Confirmation of Building Program
- Building Tours of 5 Recently Completed Middle Schools (Completion this Friday & Lessons Learned)
- Preliminary Site and Floor Plan Development
- Site Evaluation
 - Survey & Geotechnical Scheduling with the selection of the SCASD Valley Vista Drive Location.

District-wide Study & Park Forest Middle School – Next steps

Continue development of the educational plan for coordination with the building plan

- Including common space desire and adjacency

Continue development of site plan including township and appropriate zoning officials

June 12 Steering Committee

June 17 Community Forum (6pm prior to Board meeting)

Facilities and Assessments review - August/September

- Includes review of conditions and capacity of all district buildings with consideration of future use for Fairmount and Park Forest Middle School

Playgrounds and athletic facilities assessment and review

- Includes recommendations for maintenance and improvements as well as timeline for completion

Sustainability initiatives are on-going in the DWFMP and building projects as well as looking to new opportunities in school district operations



QUESTIONS

