



The School District *of* Haverford Township

COOPERTOWN SCHOOL

SCHOOL DISTRICT OF HAVERFORD TOWNSHIP EDUCATIONAL FACILITIES MASTER PLAN

June 14th 2018



LYNNEWOOD ELEMENTARY SCHOOL



Lynnewood Elementary School
Existing Lynnewood Elementary School Site
School District of Haverford Township



Lynnewood Elementary School
Site Analysis - Property Line & Set-Back
School District of Haverford Township



Lynnewood Elementary School
Site Analysis - Safety Zone & Buildable Area
School District of Haverford Township



Lynnewood Elementary School
Ghosted Existing Construction
School District of Haverford Township



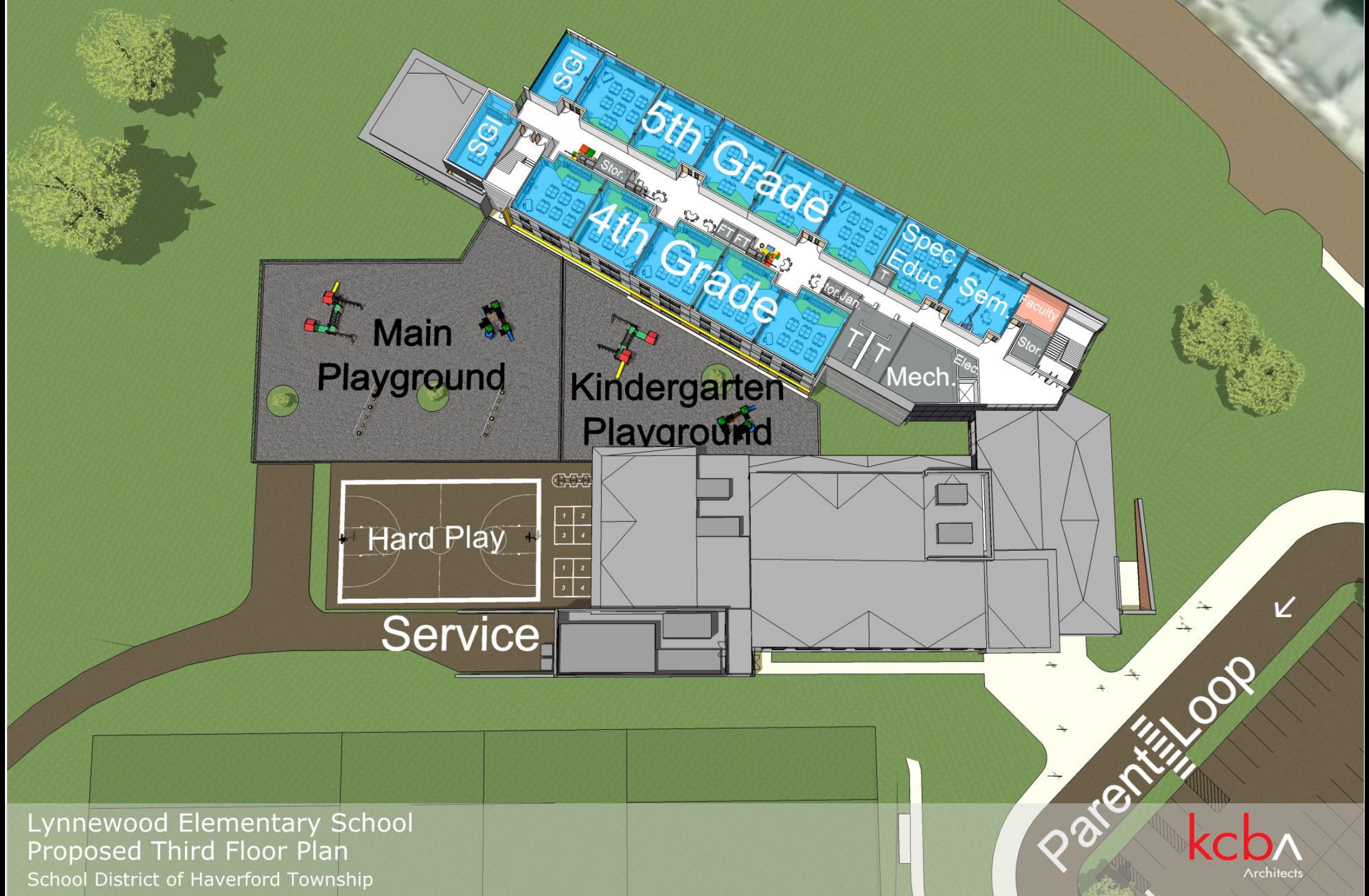
Lynnewood Elementary School
Proposed Site Plan
School District of Haverford Township



Lynnewood Elementary School
Proposed First Floor Plan
School District of Haverford Township



Lynnewood Elementary School
Proposed Second Floor Plan
School District of Haverford Township



Lynnewood Elementary School
Proposed Third Floor Plan
School District of Haverford Township

Parent Loop

kcb
Architects



Lynnewood Elementary School
Proposed Bird's Eye View (1 of 2)
School District of Haverford Township



Lynnewood Elementary School
Proposed Bird's Eye View (2 of 2)
School District of Haverford Township



Lynnewood Elementary School
Perspective from Lawrence Road heading North
School District of Haverford Township



Lynnewood Elementary School
Perspective of Main Entry
School District of Haverford Township



Lynnewood Elementary School
Perspective of Classroom Bar & Cafeteria
School District of Haverford Township

The background image shows the exterior of a school building. The building has a white upper section and a lower section with a stone veneer. A sign on the left side of the stone section reads "COOPER TOWN SCHOOL". There are some bushes in front of the building. The sky is blue with some clouds.

MASTER PLANNING FOCUS

Overall Approach

An analysis of both Coopertown and Chatham Elementary Schools was conducted that evaluated the following:

- General condition (interior and exterior)
- Building systems (mechanical, electrical, and plumbing)

Three Goals for Chatham Park & Coopertown ES

In addition to the overall building condition evaluation, Chatham Park and Coopertown Elementary Schools were evaluated for the following focuses:

- Climate Control
- Eliminate Modular Classrooms
- Suggest Ideas to Right-Size Core Spaces if needed



CHATHAM PARK ELEMENTARY SCHOOL

CHATHAM PARK ELEMENTARY SCHOOL

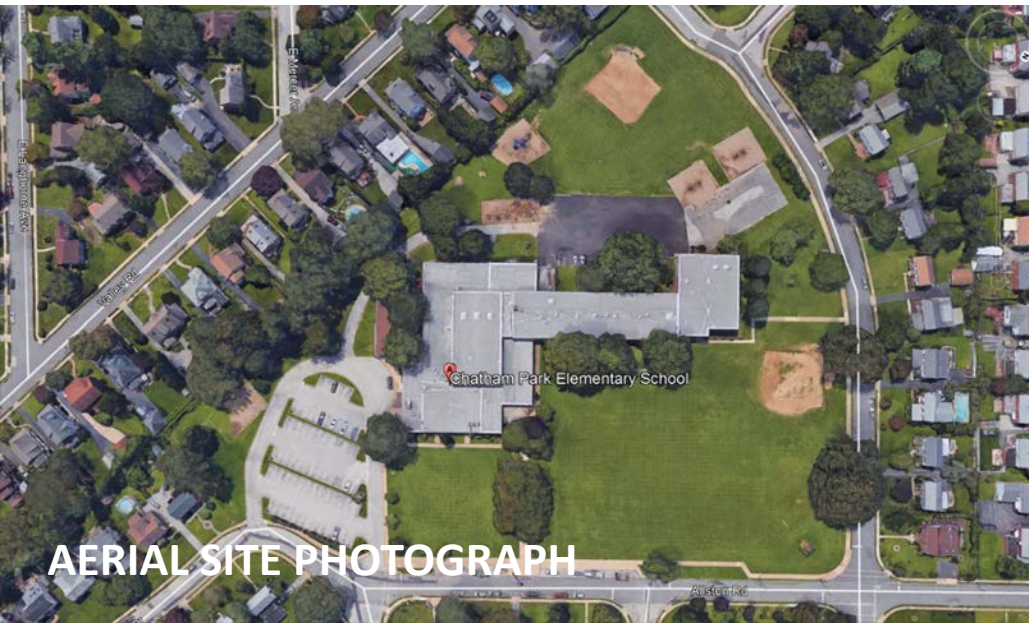


Age: Constructed in 1955 with addition and partial renovation in 1990

Grades: K to 5

Building Size: 60,000 sq. ft. (2 stories)

Site Size: 9.5 Acres



AERIAL SITE PHOTOGRAPH

The background image shows a large, leafless tree in the foreground, partially obscuring a multi-story school building. The building has a light-colored facade with many windows. To the right of the tree, a soccer goal is visible on a grassy field. The sky is overcast and grey. The text 'BUILDING COMPONENTS/SYSTEMS ANALYSIS' is overlaid in the center in a bold, white, sans-serif font.

BUILDING COMPONENTS/SYSTEMS ANALYSIS

CHATHAM PARK ELEMENTARY SCHOOL

Existing Building Analysis & Solutions

Many components of the building are in good condition. Items which have been identified that should be addressed within 1-5 years include:

- Add Climate Control
- Address water infiltration.
- Replace Mechanical System Controls.
- Replace Limited Areas of Old Electric Wiring.
- Consider replacing classroom casework in 1958 wing.

A grayscale photograph of a school building with a large tree in the foreground and a soccer field in the background. The text "BUILDING FUNCTION" is overlaid in white, bold, sans-serif font.

BUILDING FUNCTION

CHATHAM PARK ELEMENTARY SCHOOL



- One additional classroom is needed for current enrollment
- Music Classrooms housed in modular trailers
- The cafeteria is adequate but the single serving line slows students.
- Auditorium not frequently used. Auditorium stage used for gym storage.



BUILDING OPTIONS

Chatham Park Elementary School
Site Plan
School District of Haverford Township

Alliston Rd

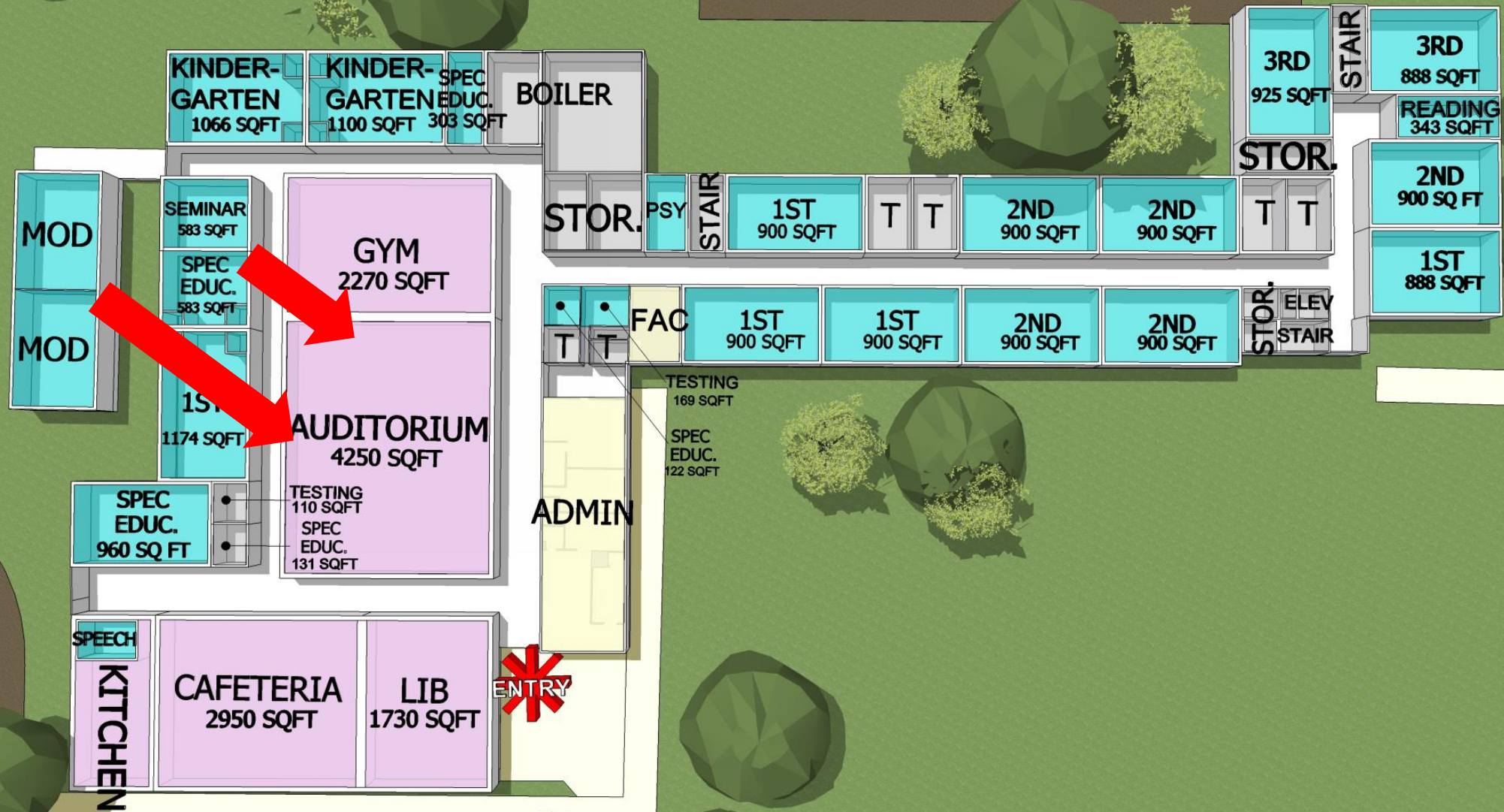
March 14, 2018

kcb
Architects

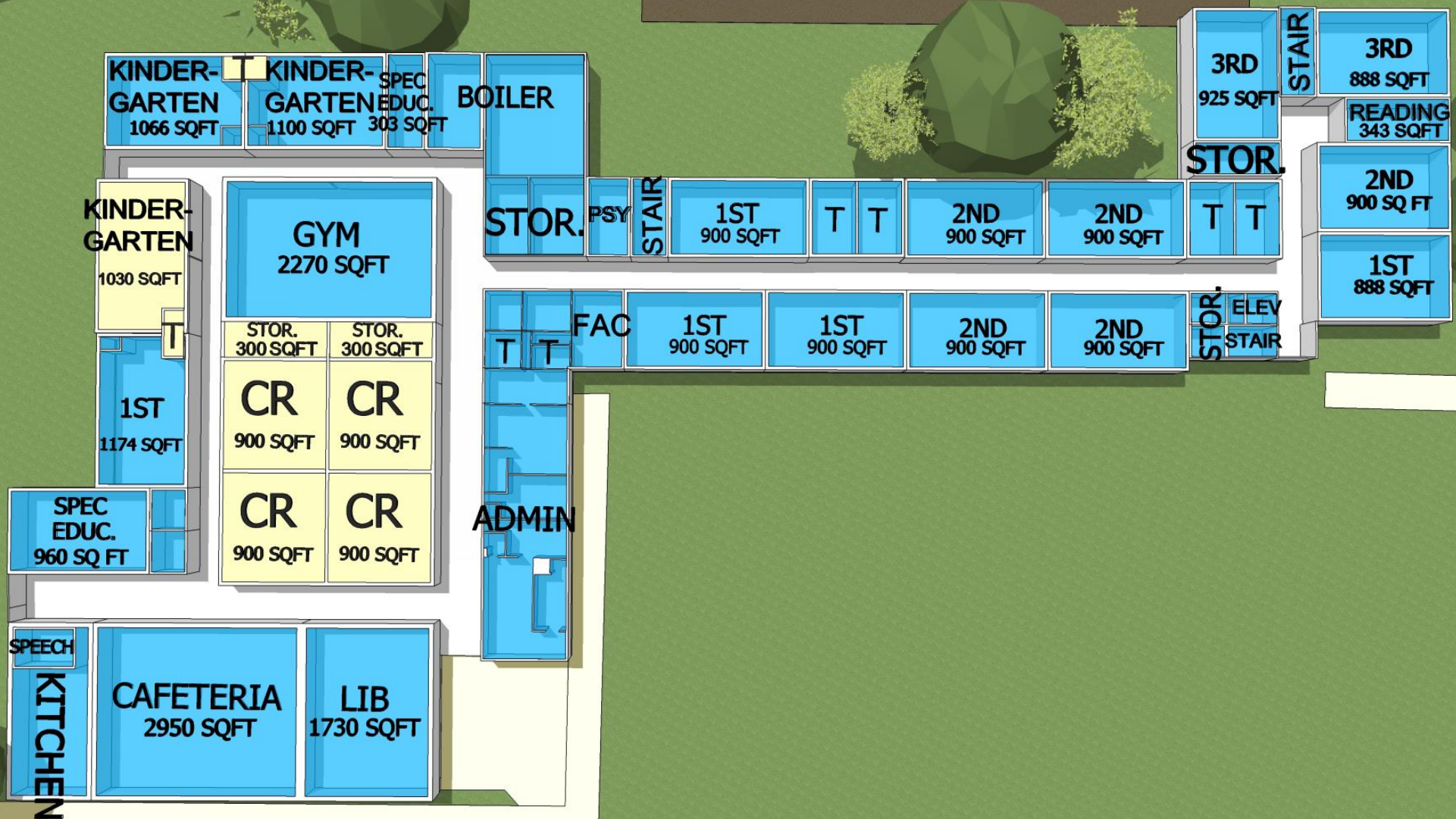


Chatham Park Elementary School
Existing Site
School District of Haverford Township

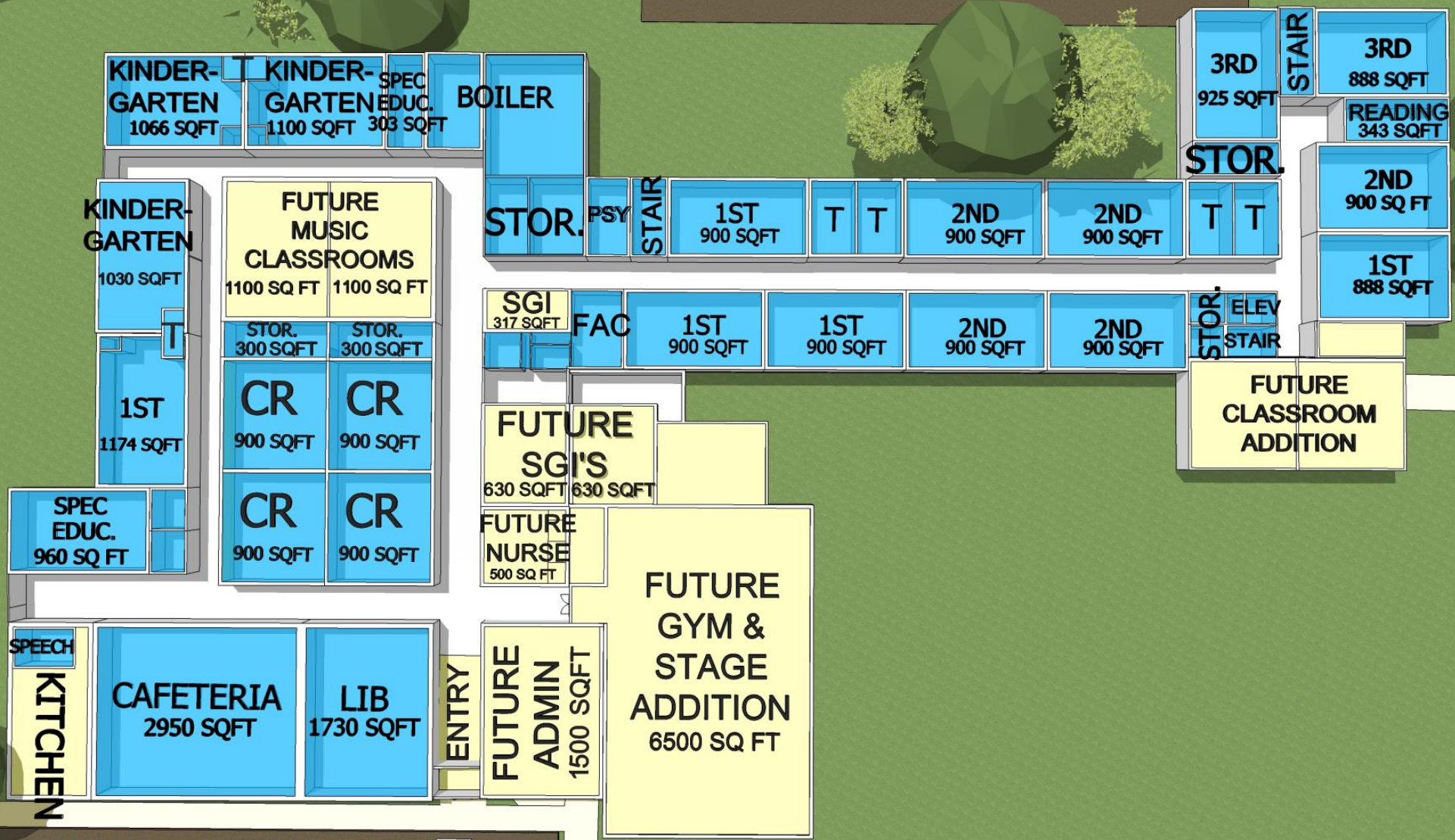
Alliston Rd



Chatham Park Elementary School
Existing First Floor Plan
School District of Haverford Township



Chatham Park Elementary School
Proposed First Floor Plan
School District of Haverford Township



Chatham Park Elementary School
Proposed Future Additions
School District of Haverford Township



Chatham Park Elementary School
Existing Second Floor Plan
School District of Haverford Township



COOPERTOWN ELEMENTARY SCHOOL

COOPERTOWN ELEMENTARY SCHOOL



Age: Constructed in 1958 with addition and partial renovation in 1991

Grades: K to 5 with Emotional and Autistic Support

Building Size: 66,000 sq. ft. (1 story)

Site Size: 15 Acres



AERIAL SITE PHOTOGRAPH

The background image shows the exterior of a school building. The lower portion of the building features a stone masonry wall, while the upper portion is a light-colored, possibly white, stucco or concrete. A sign on the left side of the stone wall reads "DOOPERTOWN SCHOOL". A blue door is visible in the center-right of the stone wall. The building has a flat roof with a wide overhang. The sky is overcast and grey. The overall image has a semi-transparent dark overlay.

EXISTING BUILDING ANALYSIS & SOLUTIONS

COOPERTOWN ELEMENTARY SCHOOL

Existing Building Analysis & Solutions

Many components of the building are in good condition. Items which have been identified that should be addressed within 1-5 years include:

- Add Climate Control
- Replace Mechanical System Controls
- Consider replacing Windows in 1990 Classroom Addition



COOPERTOWN ELEMENTARY SCHOOL

Existing Building Analysis & Solutions



- Replace Flat Roofs & Standing Seam Metal Roofs
- Classroom Casework: Consider replacing classroom sinks and 12' of associated casework in 1958 wing

The image shows the exterior of a school building. The lower portion of the building is constructed from rough-hewn stone, while the upper portion is a smooth, light-colored material. A flat roof with a wide overhang is visible. A blue door is set into the stone wall. To the left, a sign reads 'COOPER TOWN SCHOOL'. The building is surrounded by greenery, including bushes and trees. The sky is overcast.

BUILDING FUNCTION

COOPERTOWN ELEMENTARY SCHOOL

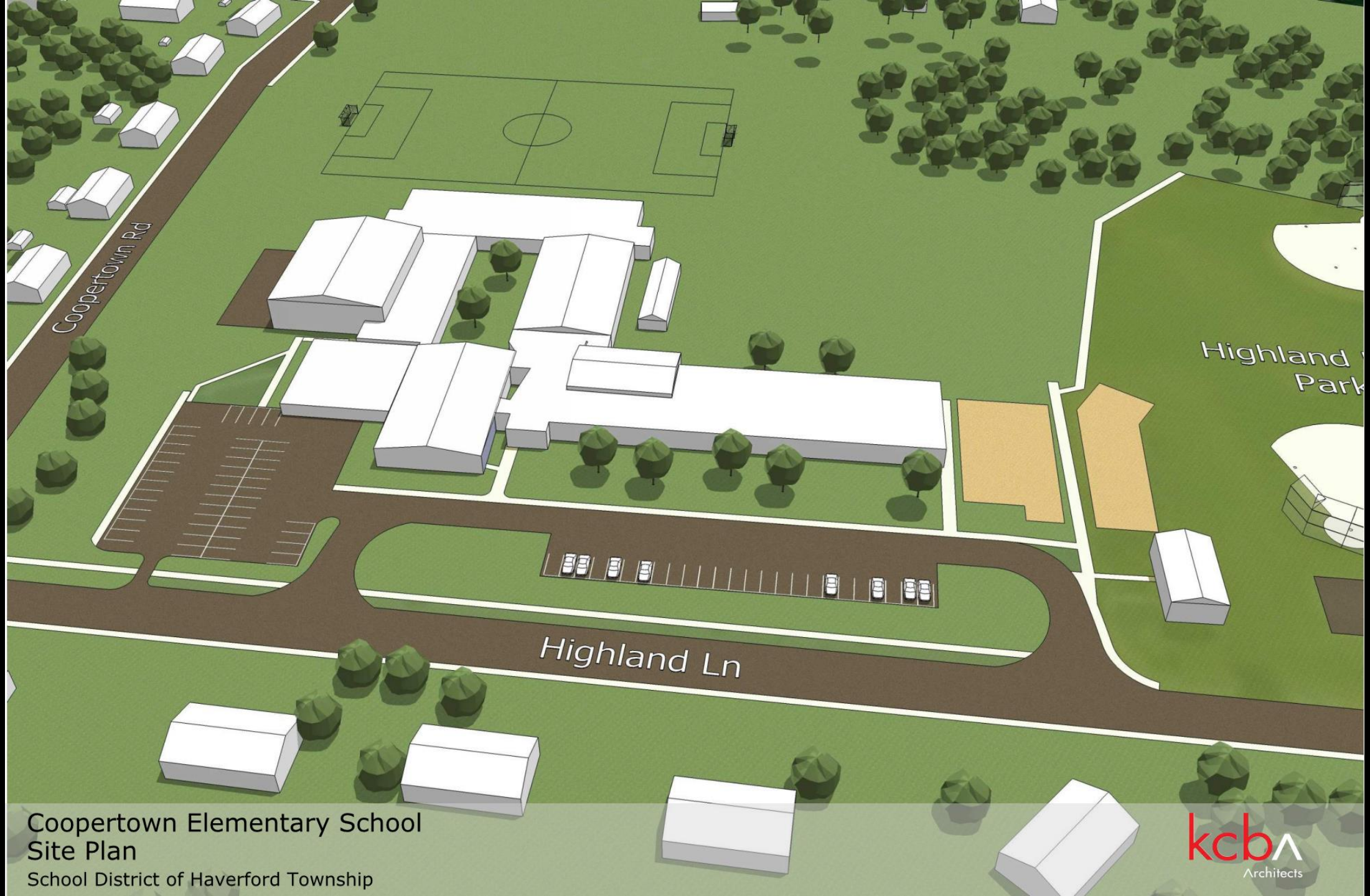


- Two (2) additional classrooms are needed for current enrollment projections and district class size guidelines. For school year 2018, Art is being moved to the modular and the Art Room is being converted to two (2) classrooms.
- Music Classroom and one additional Classroom housed in modular trailers.



BUILDING OPTION

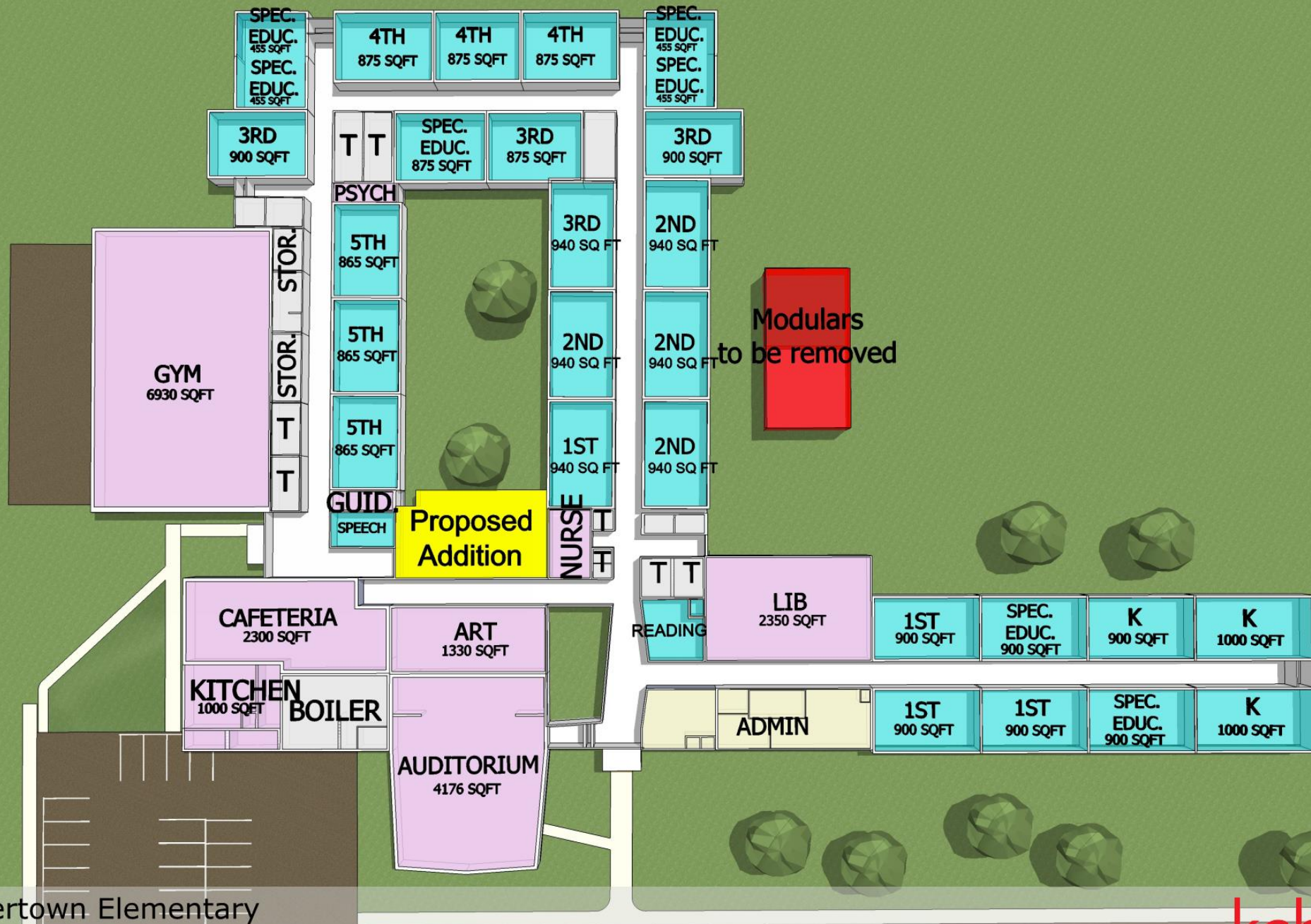
Coopertown Elementary School
Site Plan
School District of Haverford Township



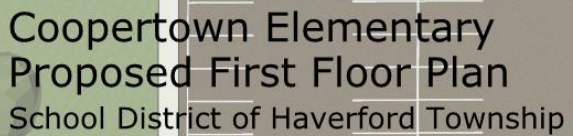
Coopertown Elementary School
Site Plan
School District of Haverford Township

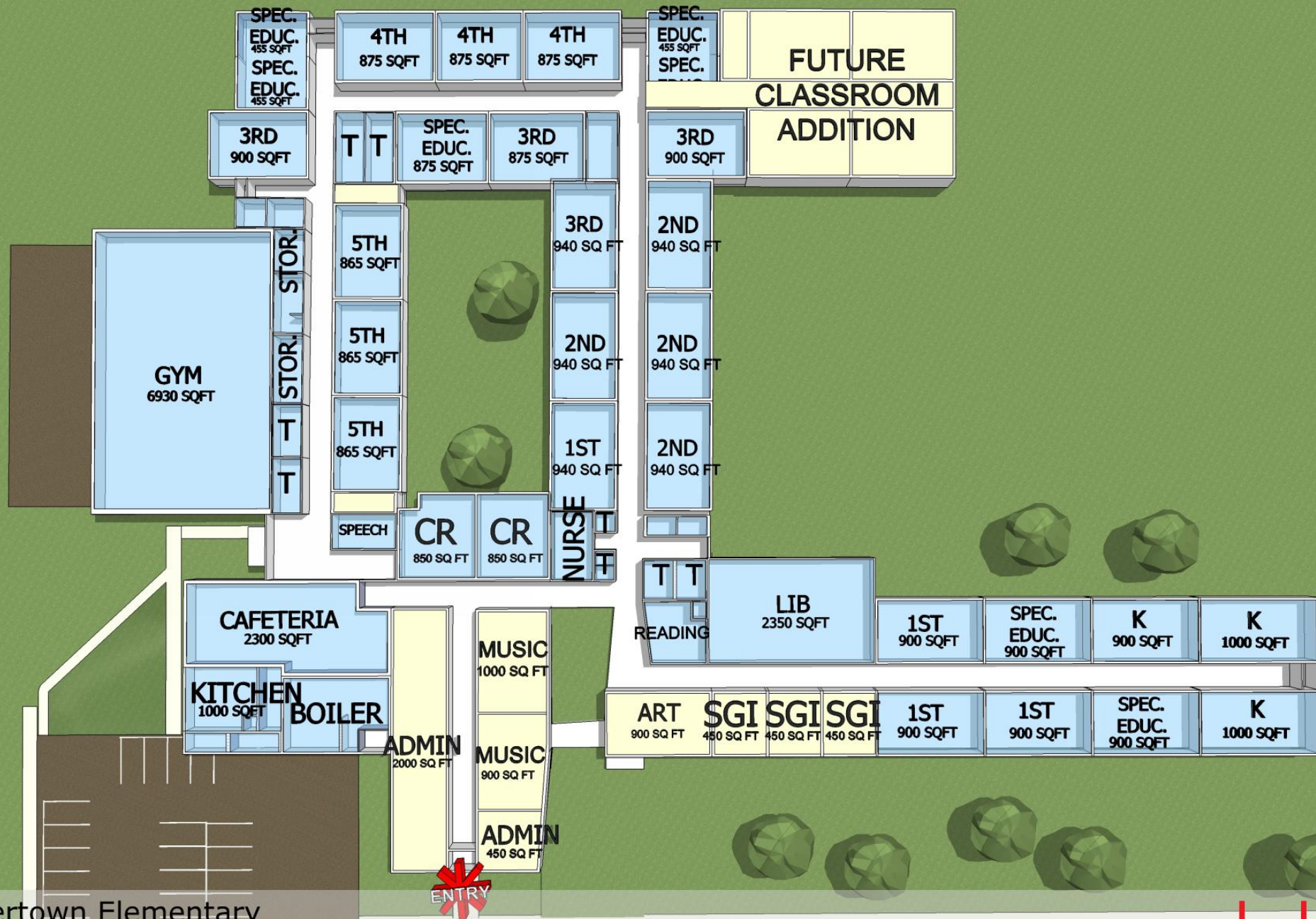


Coopertown Elementary School
Existing First Floor Plan
School District of Haverford Township



Coopertown Elementary
Proposed Addition Location
School District of Haverford Township





Coopertown Elementary
Proposed Future Addition & Renovations
School District of Haverford Township



HAVERFORD HIGH SCHOOL




EXISTING BUILDING ANALYSIS & SOLUTIONS

HAVERFORD HIGH SCHOOL

BUILDING SYSTEMS/STRUCTURE

Many components of the building are in good condition. Items which have been identified that should be addressed within 1-5 years include:

- **HVAC Control System** is in poor condition. Replace the existing Trane Tracer ATC System with a new fully-integrated, open-protocol ATC System.
- HVAC System Chiller is being rebuilt as part of the maintenance program.
- **Isolate Main Server Room:** build separate room for the equipment and dedicated cooling.
- **Medium-Voltage Transformer** in the basement is 21 years old. Expected Transformer life is approximately 25 years.



HIGH SCHOOL CLASSROOM OPTIONS

Haverford Senior High School
Site
School District of Haverford Township

April 16, 2018

kcb
Architects

HAVERFORD HIGH SCHOOL

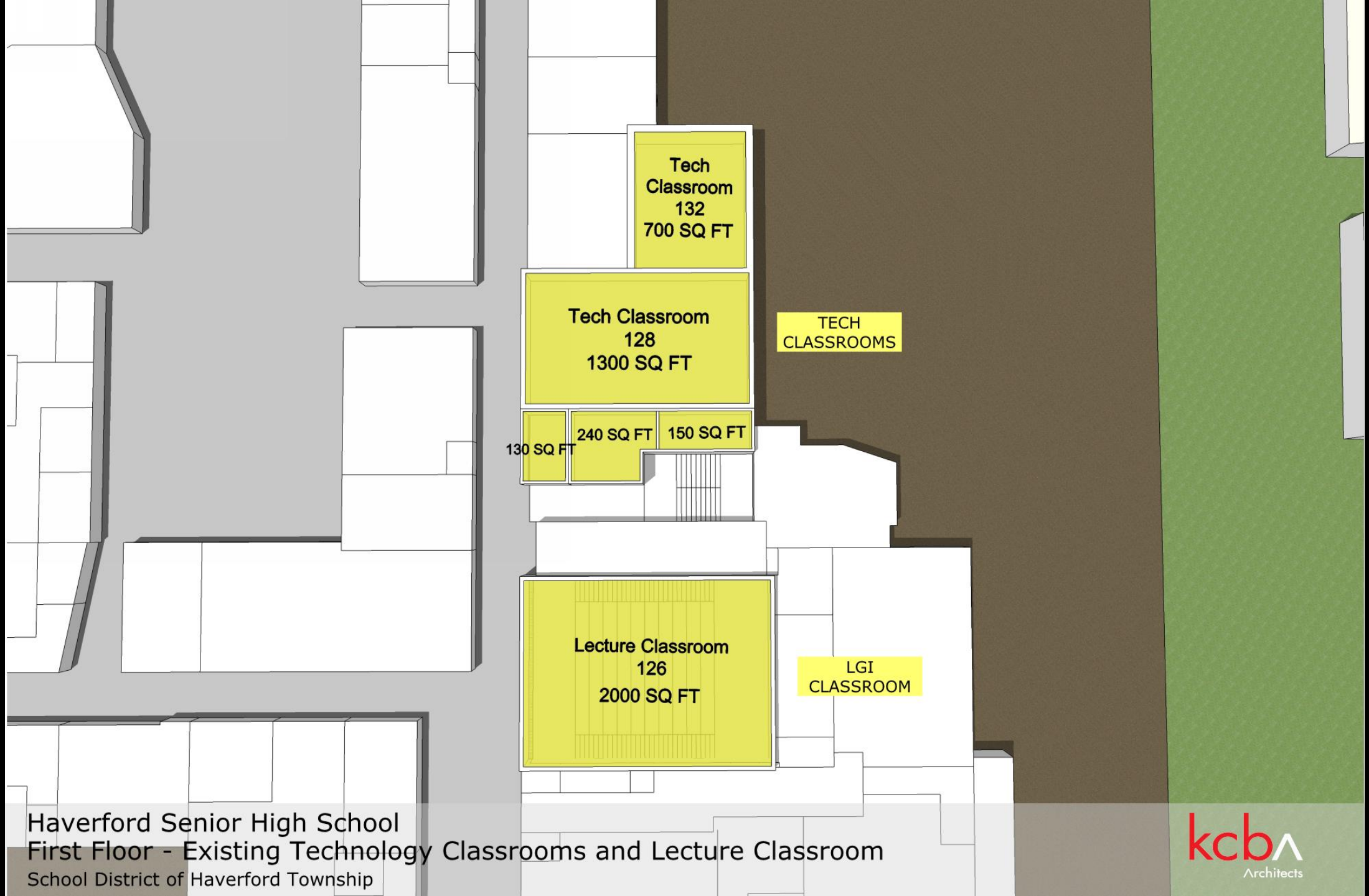
ADDITIONAL CLASSROOMS

Building Function

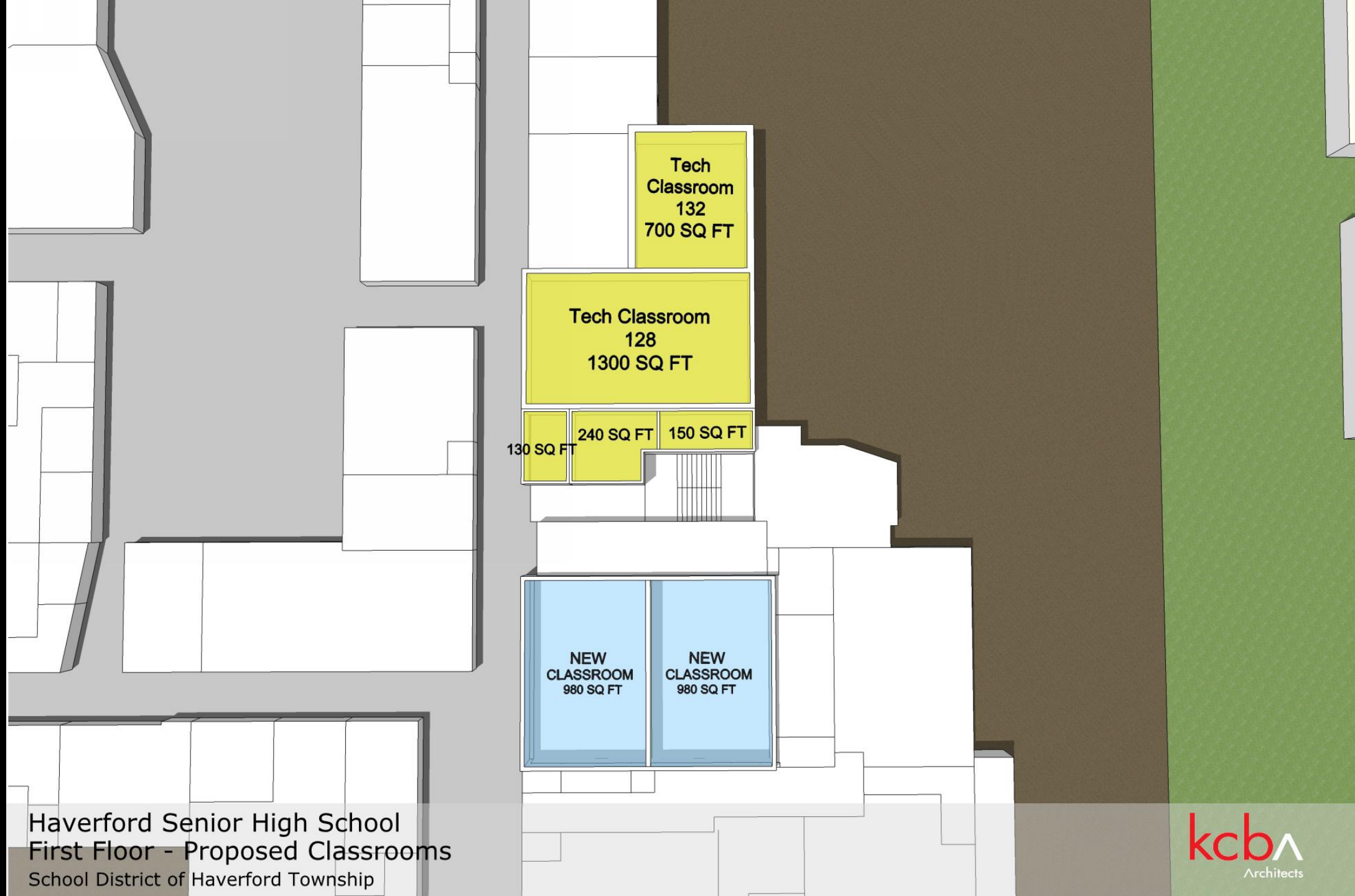
- Enrollment expected to grow
- Additional Classrooms are needed to accommodate the influx of students

Areas identified for consideration -

- Underutilized LGIs could be divided into 2 classrooms.
- The current library is large and could be reconfigured into multiple classrooms.
- Underutilized Lecture Classroom 126 could be divided into 2 classrooms.



Haverford Senior High School
First Floor - Existing Technology Classrooms and Lecture Classroom
School District of Haverford Township



Haverford Senior High School
First Floor - Proposed Classrooms
School District of Haverford Township

**Large Group
Instruction
250**
1330 SQ FT

**Library
Office
254**
680 SQ FT

**Computer
256**
750 SQ FT

**Computer
258**
720 SQ FT

**Large Group
Instruction
260**
1350 SQ FT

OPEN TO
BELOW

Library
6300 SQ FT

OPEN TO
BELOW

**NEW
CLASSROOM**
660 SQ FT

**NEW
CLASSROOM**
660 SQ FT

**Library
Office
254**
680 SQ FT

**Computer
256**
750 SQ FT

**Computer
258**
720 SQ FT

**NEW
CLASSROOM**
660 SQ FT

**NEW
CLASSROOM**
660 SQ FT

**OPEN TO
BELOW**

Library
6300 SQ FT

**OPEN TO
BELOW**

Haverford Senior High School
Second Floor - Divided LGI's
School District of Haverford Township

kcb
Architects

**NEW
CLASSROOM**
660 SQ FT

**NEW
CLASSROOM**
660 SQ FT

**Library
Office
254**
680 SQ FT

**Computer
256**
750 SQ FT

**Computer
258**
720 SQ FT

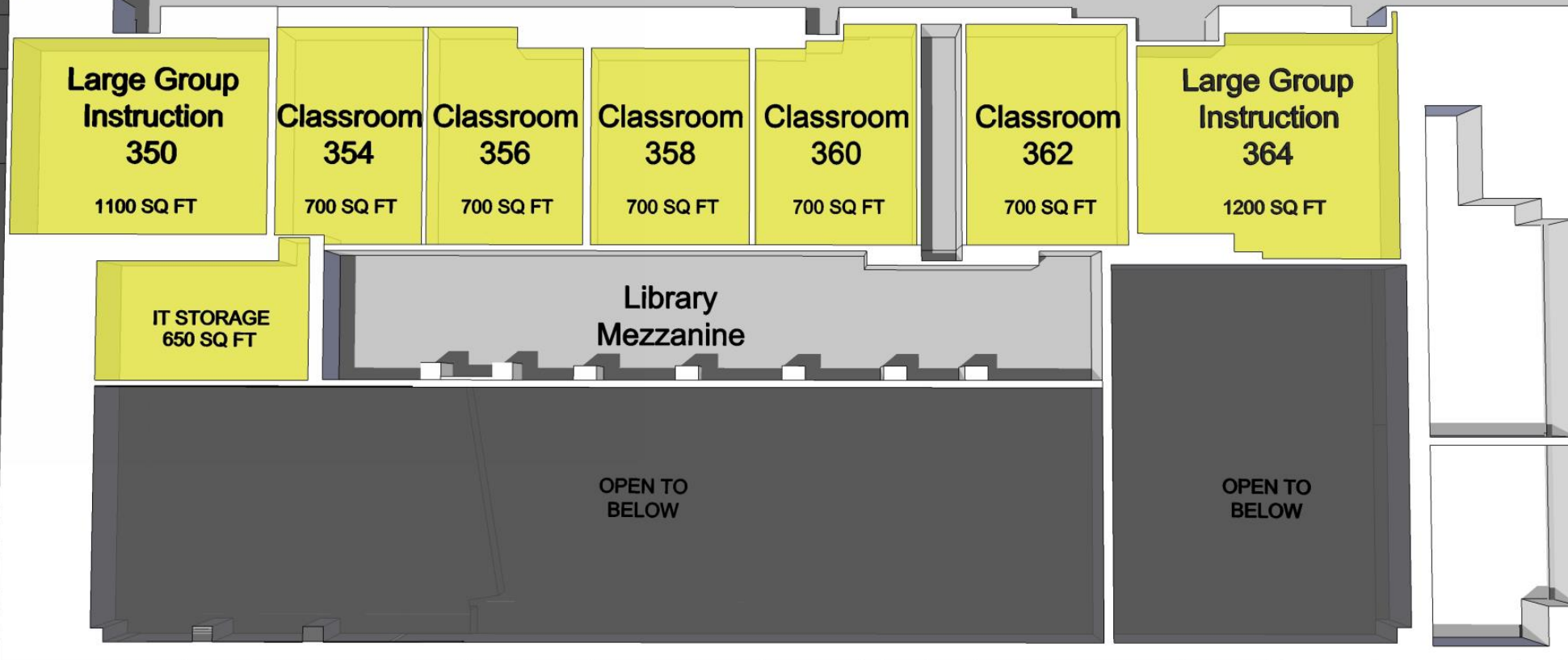
**NEW
CLASSROOM**
660 SQ FT

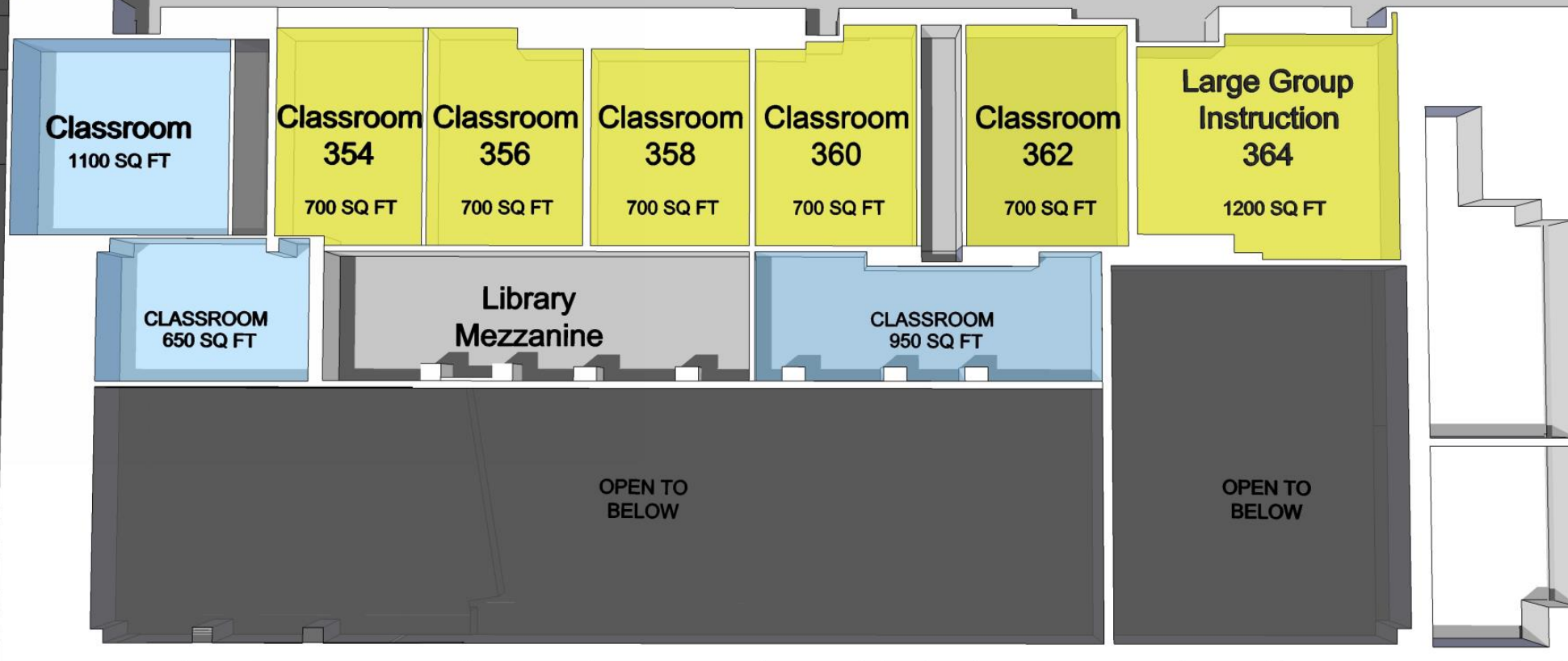
**NEW
CLASSROOM**
660 SQ FT

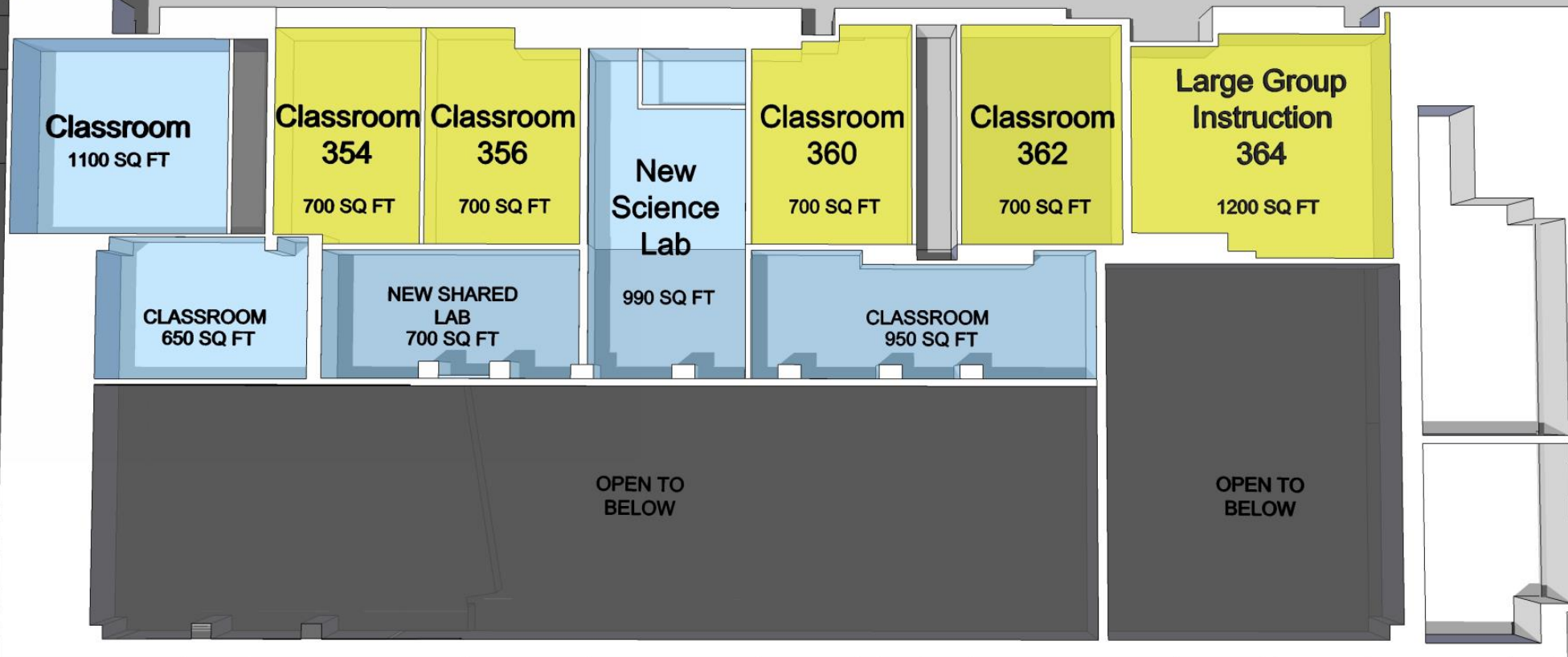
**OPEN TO
BELOW**

**Reconfigure Library to
add 2 or 3 additional
Classrooms**

**OPEN TO
BELOW**







An aerial photograph of a school campus. In the center is a large green rectangular field, likely for soccer or football. To its left is a baseball field with a reddish-brown infield. Above the green field are several tennis courts. The campus is surrounded by residential streets with houses and trees. Labels for streets like E Marthart Ave, Leedom Ave, Mill Rd, and Strathmore Rd are visible. A label for 'Haverford Middle School' is also present.

Building Addition Options For High School



E Turnbull Ave

Leedom Ave

E Marthart Ave

E Marthart Ave

E Marthart Ave

E Marthart Ave

Haverford High School

Haverford Middle School

Darby Rd

Darby Rd

Faust Orthodontics

Golf Rd

Beverly Rd

Leedom Ave

Mill Rd

Mill Rd

Alston Rd

Mill Rd

Mill Rd

Strathmore Rd

Strathmore Rd

Pembroke Rd

Mill Rd

Coburn Ln

Hampden Rd

Mill Rd

Winton Ave

Winton Ave

Expanded
Parking

1-Floor Addition

6 Classroom
3-Floor Addition





BROOKLINE SCHOOL

BROOKLINE SCHOOL

Existing Building

- Built in 1913
- Area is 44,000 SF with 15 Classrooms and Lower Level Meeting Rooms
- Located in Residential Area on roughly 1.7 Acre Site
- 27 Parking Spaces
- Current Uses
 - Lower Level: occupied by Surrey Services, Community based senior citizen organization
 - Upper Levels: Third party vendor is using as a day care facility
- **Building in Poor Condition**
- **Limited Use due to site access and lack of parking**
- **Inefficient building configuration**

Renovate

- Cost = \$ 8,900,000
- Schedule: 18 Months

Demolish

- Cost = \$ 1,000,000

Sell

- Revenue = TBD

A group of children are gathered in a circle, seen from behind, with their hands raised in the air. They are wearing green t-shirts that feature the text 'Familienzentrum' and a simple line drawing of a house, a sun, and a boat. The scene is brightly lit, suggesting an outdoor setting. The word 'DISCUSSION' is overlaid in large, bold, black capital letters across the center of the image.

DISCUSSION