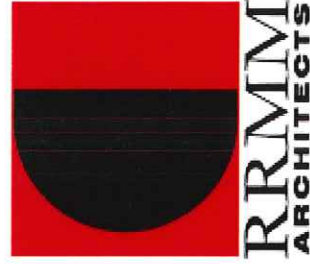


E.S.H. GREENE ELEMENTARY SCHOOL PROTOTYPE MODELS

Richmond Public Schools



1

Beulah Elementary School

Chesterfield County Public Schools

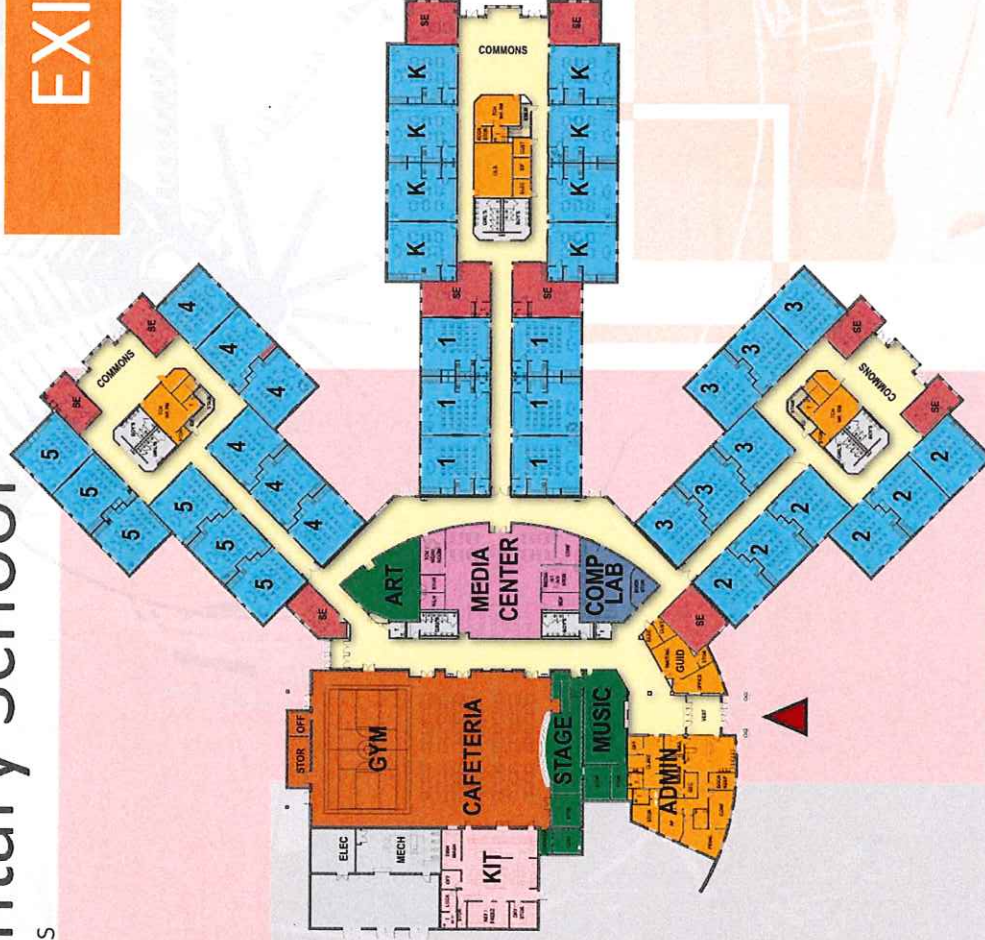
Size: 99,921 SF
Capacity: 900 Students



Beulah Elementary School

Chesterfield County Public Schools

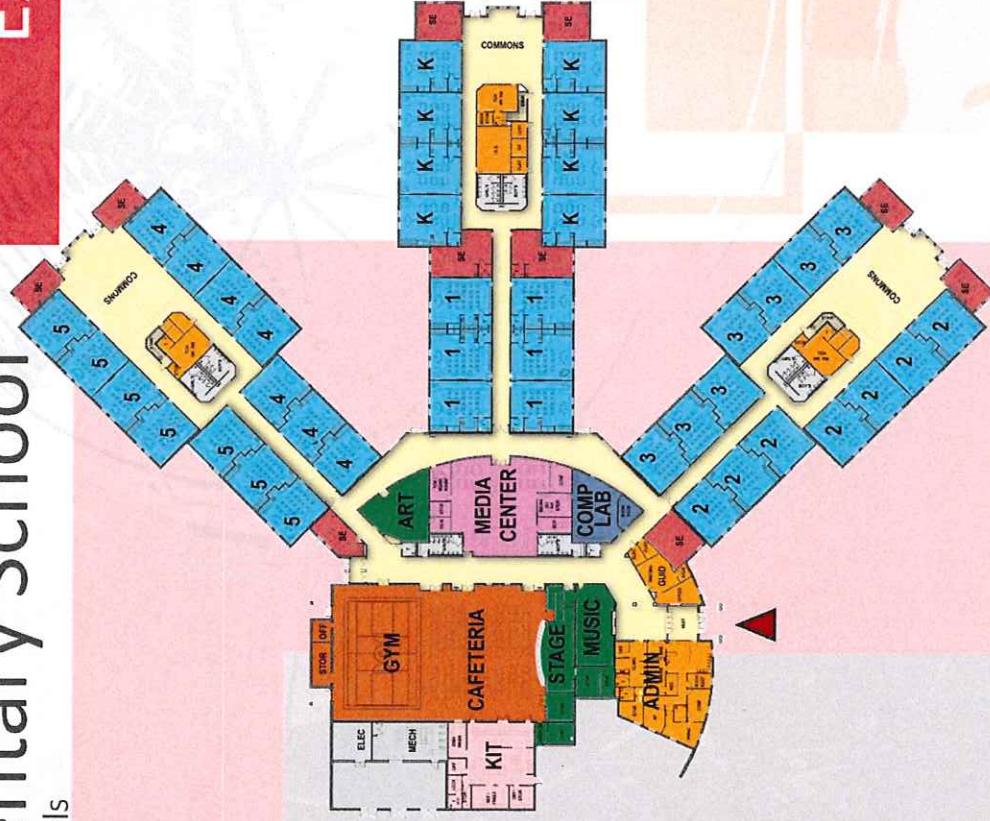
EXISTING



Beulah Elementary School

Chesterfield County Public Schools

EXPANDED



New E.S.H. Greene Elementary School (Expanded Beulah Elementary School)



2

Meadow View Elementary School

Henry County Public Schools

Size: 96,683 SF
Capacity: 768 Students



EXISTING



EXPANDED



New E.S.H. Greene Elementary School (Expanded Meadow View Elementary School)



3

Florence Bowser Elementary School

Suffolk Public Schools

Size: 114,500 SF
Capacity: 1,000 Students



Florence Bowser Elementary School

Suffolk Public Schools

EXISTING

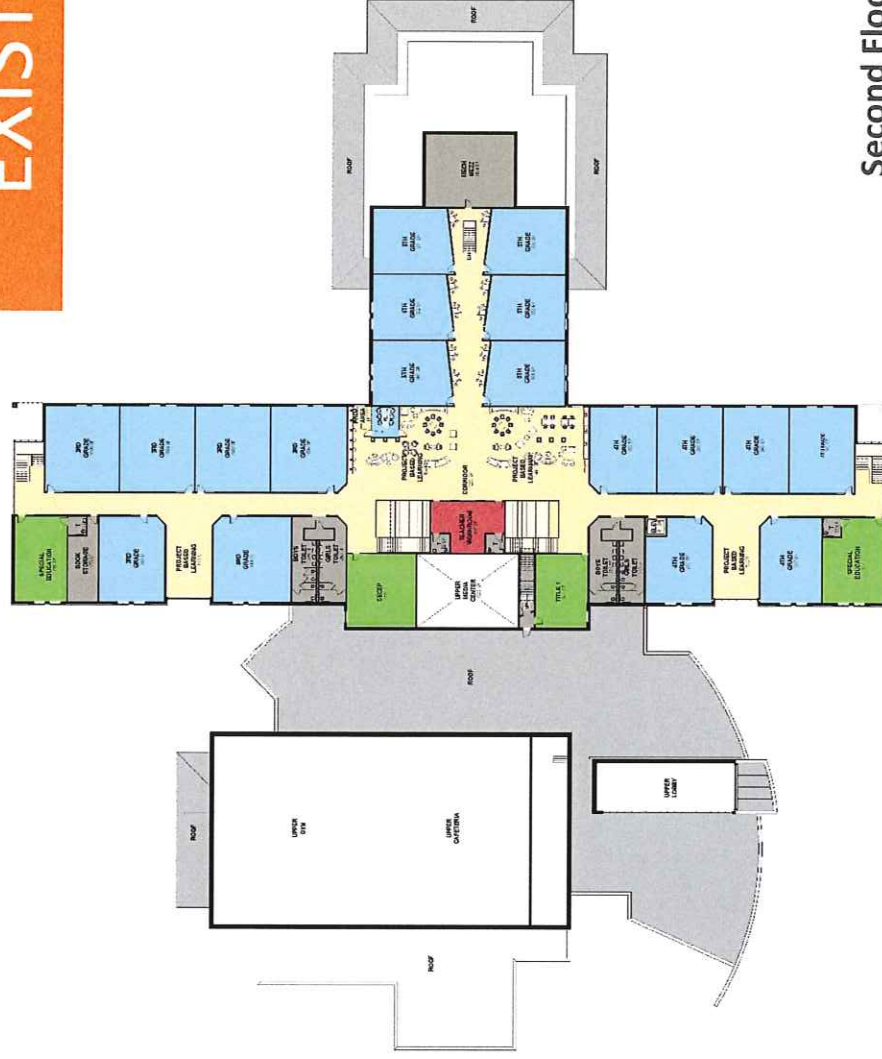


First Floor

Florence Bowser Elementary School

Suffolk Public Schools

EXISTING



Second Floor

New E.S.H. Greene Elementary School (Existing Florence Bowser Elementary School)



4

Oak Point Elementary School

Smyth County Public Schools

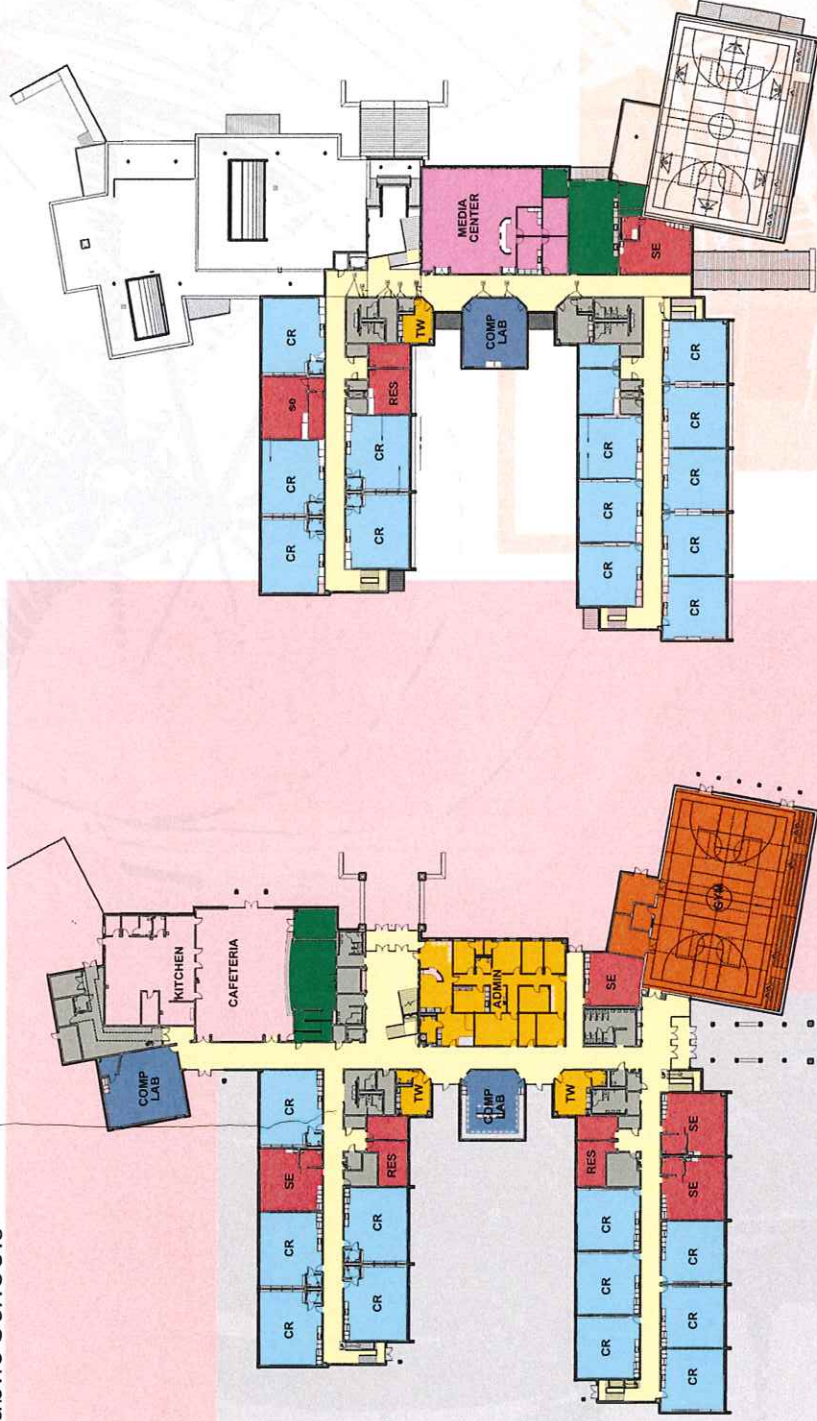
Size: 80,028 SF
Capacity: 600 Students



Oak Point Elementary School

Smyth County Public Schools

EXISTING



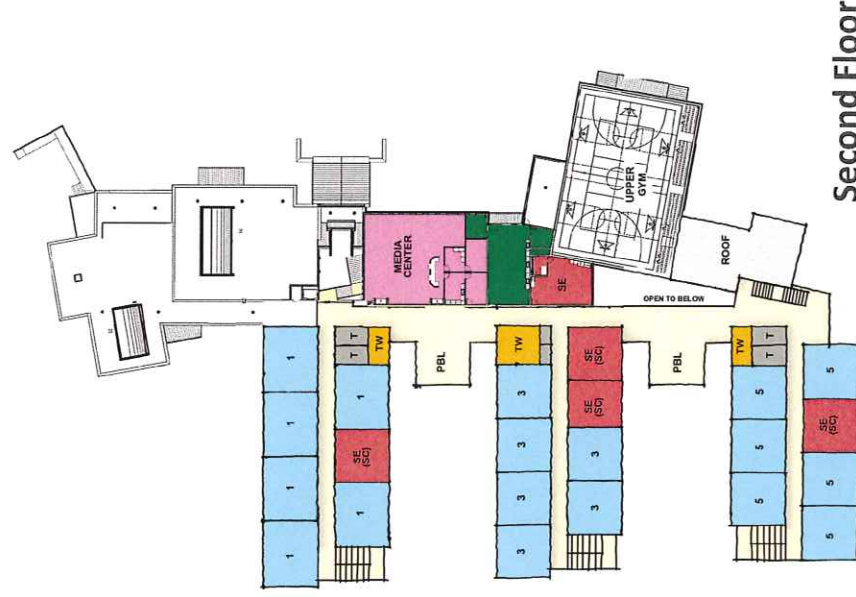
First Floor

Second Floor

Oak Point Elementary School

Smyth County Public Schools

EXPANDED



New E.S.H. Greene Elementary School (Expanded Oak Point Elementary School)

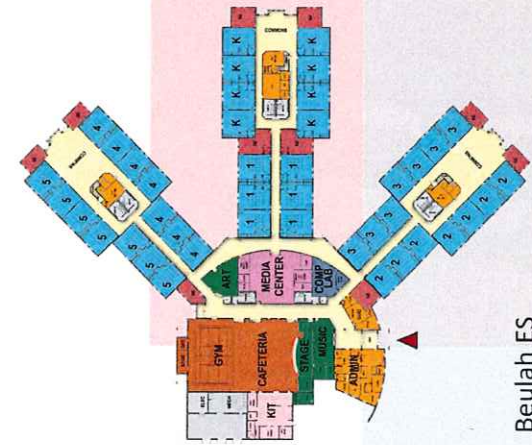


New E.S.H. Greene Elementary School (Expanded Oak Point Elementary School)



ELEMENTARY SCHOOL COMPARISON

	BEULAH ES	MEADOW VIEW ES	FLORENCE BOWSER ES	OAK POINT ES
FITS WELL ON SITE		✓	✓	✓
GOOD SEPARATION OF CARS & BUSES	✓	✓	✓	✓
SECURE/SECURABLE ENTRY LOBBY	✓	✓	✓	✓
LARGE FLEXIBLE/EXPANDABLE PUBLIC SPACE (CAFETORIUM OR GYM TORIUM)	✓	✓	✓	✓
CORE EASILY EXPANDABLE		✓	✓	✓
GRADE HOUSES EASILY EXPANDABLE	✓	✓	✓	✓
NATURAL LIGHT & VIEW FROM ACADEMIC AREAS	✓	✓	✓	✓
DAYLIT OR DAYLIGHT CAPABLE		✓	✓	✓
COLLABORATIVE EXTENDED CLASSROOM AREAS ALREADY INCLUDED	✓		✓	
ADEQUATE TEACHER WORKROOM SPACE NEAR ACADEMIC AREAS	✓	✓	✓	✓
LARGE PERCENTAGE OF STEEP-SLOPE ROOF	✓		✓	✓
MORE THAN A SINGLE ITERATION BUILT	✓		✓	
LIMITED MODIFICATIONS DUE TO CODE OR CAPACITY	✓	✓	✓	
DRAWINGS COMPLETE IN BIM SOFTWARE	✓	✓	✓	✓
ANTICIPATED BUILDING COST (\$F)	\$200.64	\$182.48	\$178.90	\$187.83
DESIGN FEE/CONSTRUCTION COST RANGE (%)	2.75 - 3.00%	3.13 - 3.38%	2.50%	3.75 - 4.00%



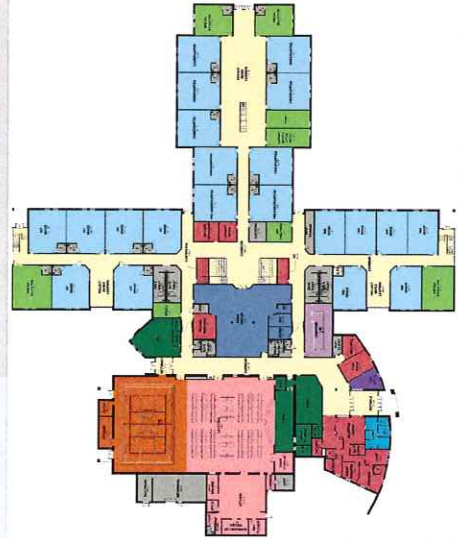
Beulah ES



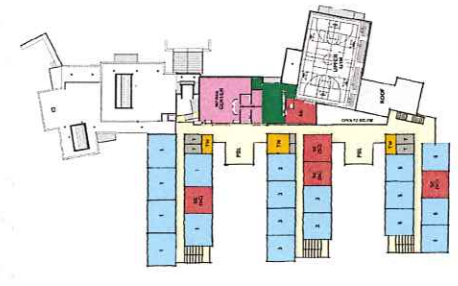
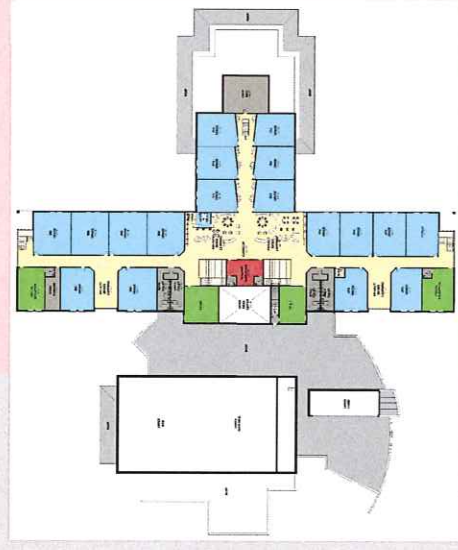
Meadow View ES



Oak Point ES



Florence Bowser ES



Recommended Prototype Rankings:

- 1. Florence Bowser ES**
- 2. Meadow View ES**
- 3. Oak Point ES**
- 4. Beulah ES**

GEORGE MASON ELEMENTARY SCHOOL PROTOTYPE MODELS

Richmond Public Schools



1

Matoaca / Enon Elementary School

Chesterfield County Public Schools



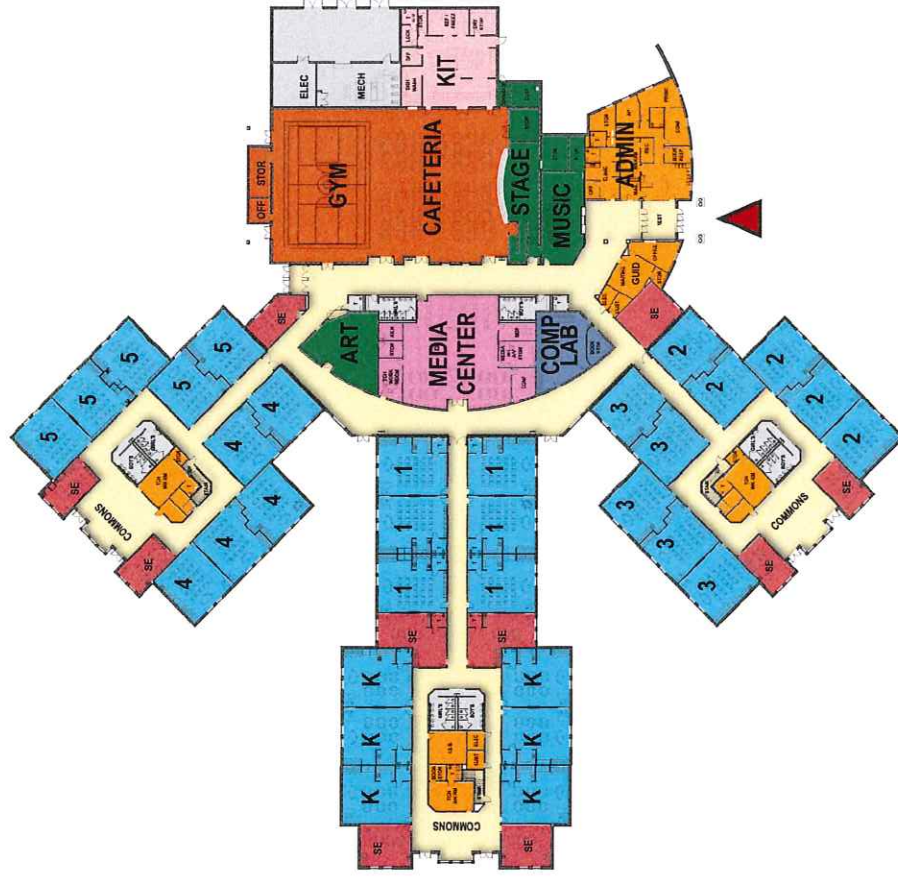
Size: 91,276 SF

Capacity: 750 Students

Matoaca / Enon Elementary School

Chesterfield County Public Schools

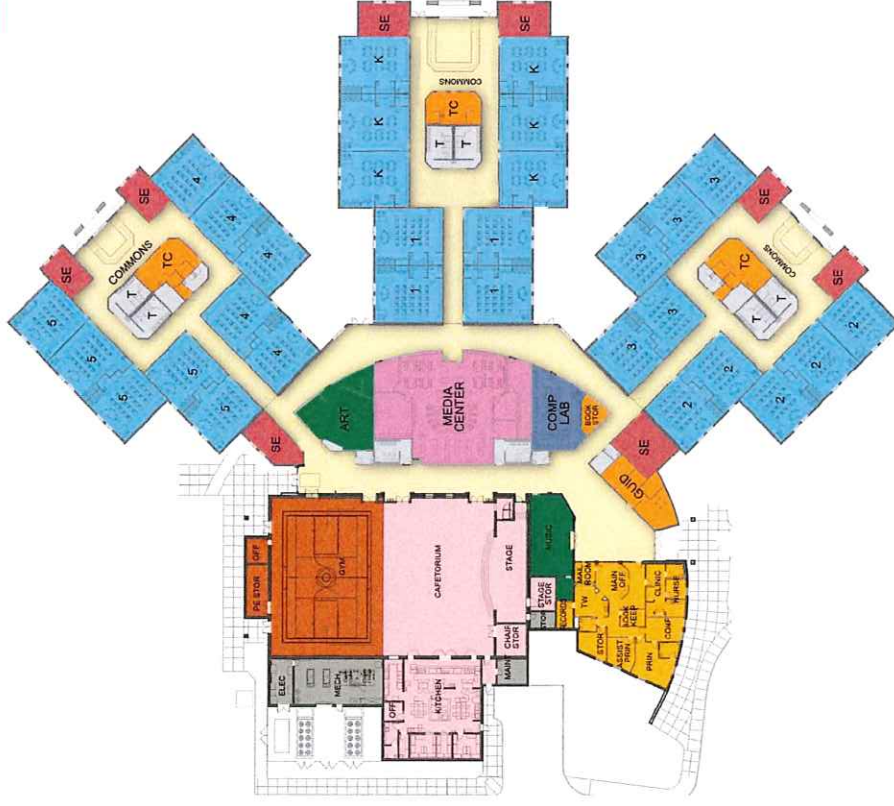
EXISTING



Matoaca / Enon Elementary School

Chesterfield County Public Schools

REDUCED



New George Mason Elementary School (Reduced Matoaca / Enon Elementary School)

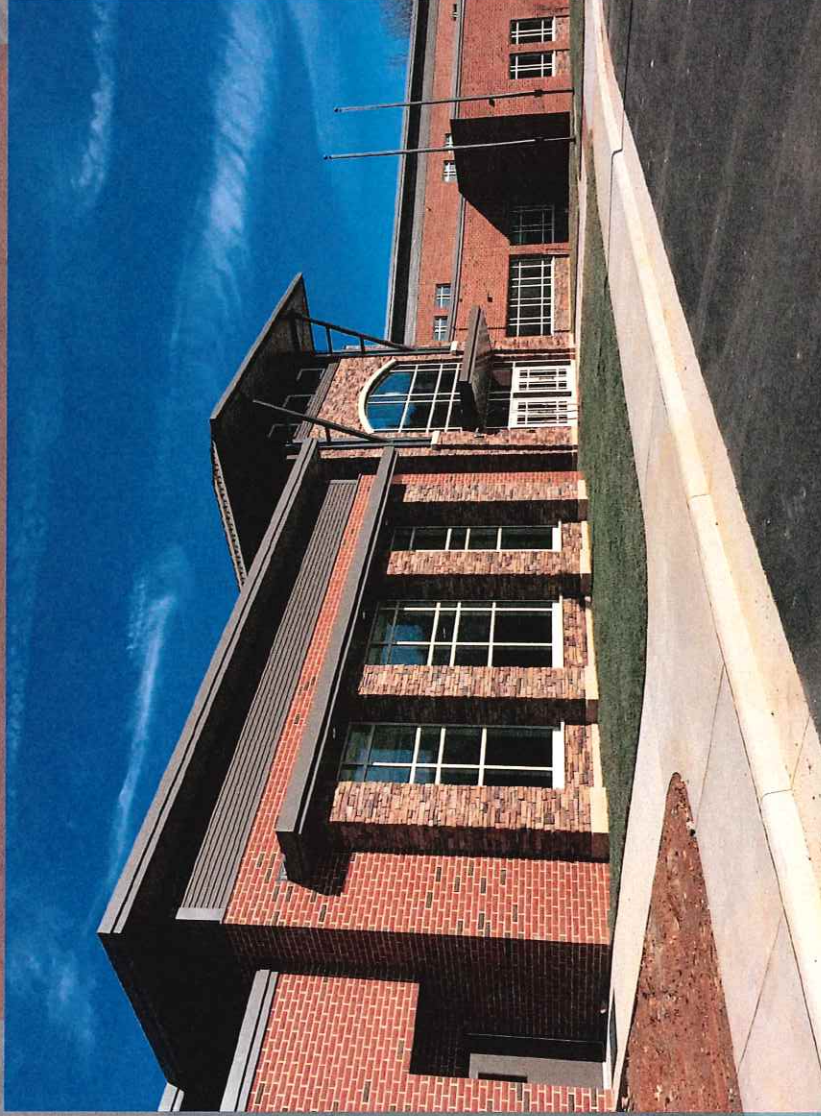


2

Meadow View Elementary School

Henry County Public Schools

Size: 97,868 SF
Capacity: 768 Students



EXISTING



Meadow View Elementary School

Henry County Public Schools

REDUCED



New George Mason Elementary School (Reduced Meadow View Elementary School)

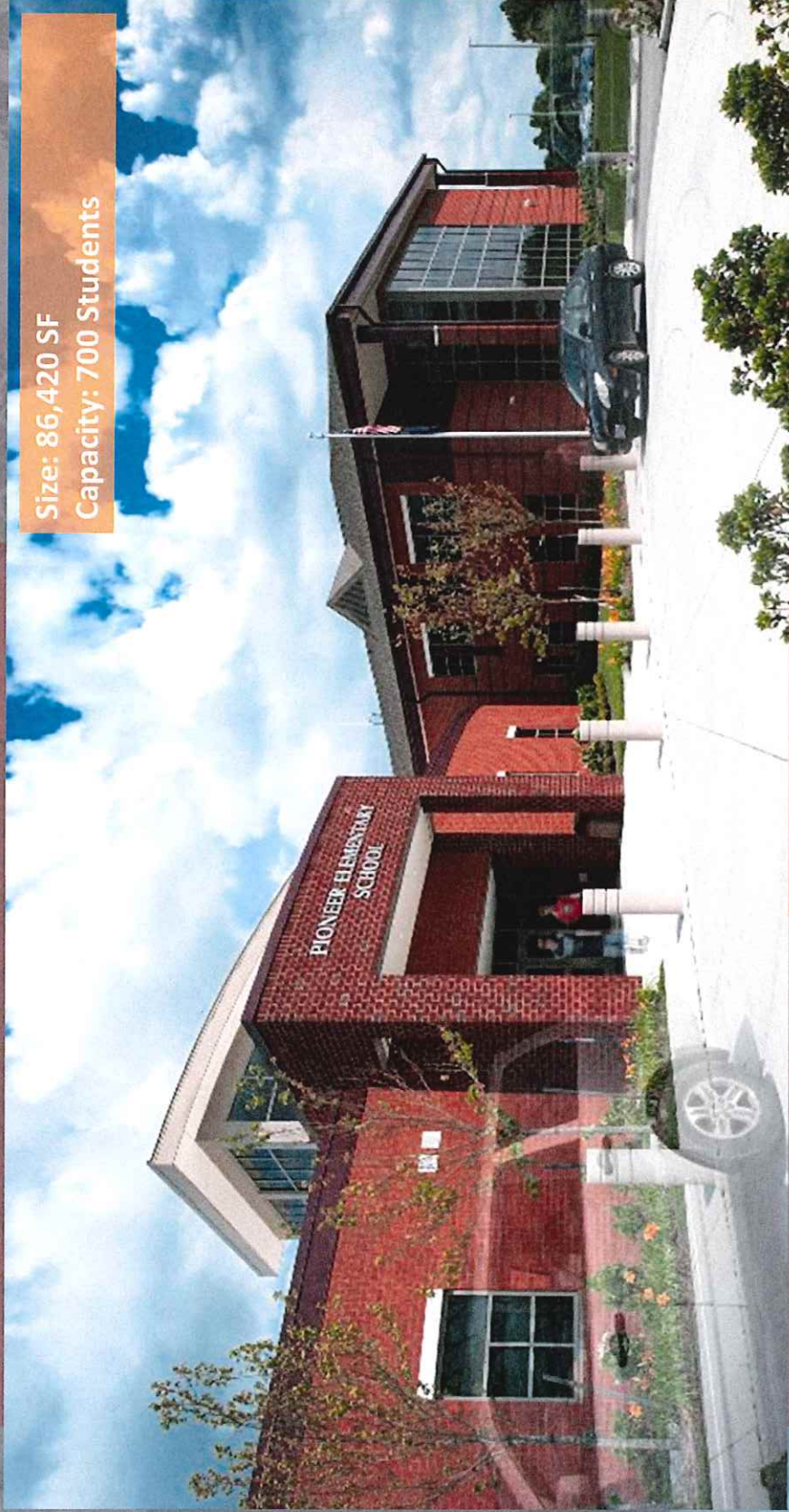


3

Pioneer Elementary School

Suffolk Public Schools

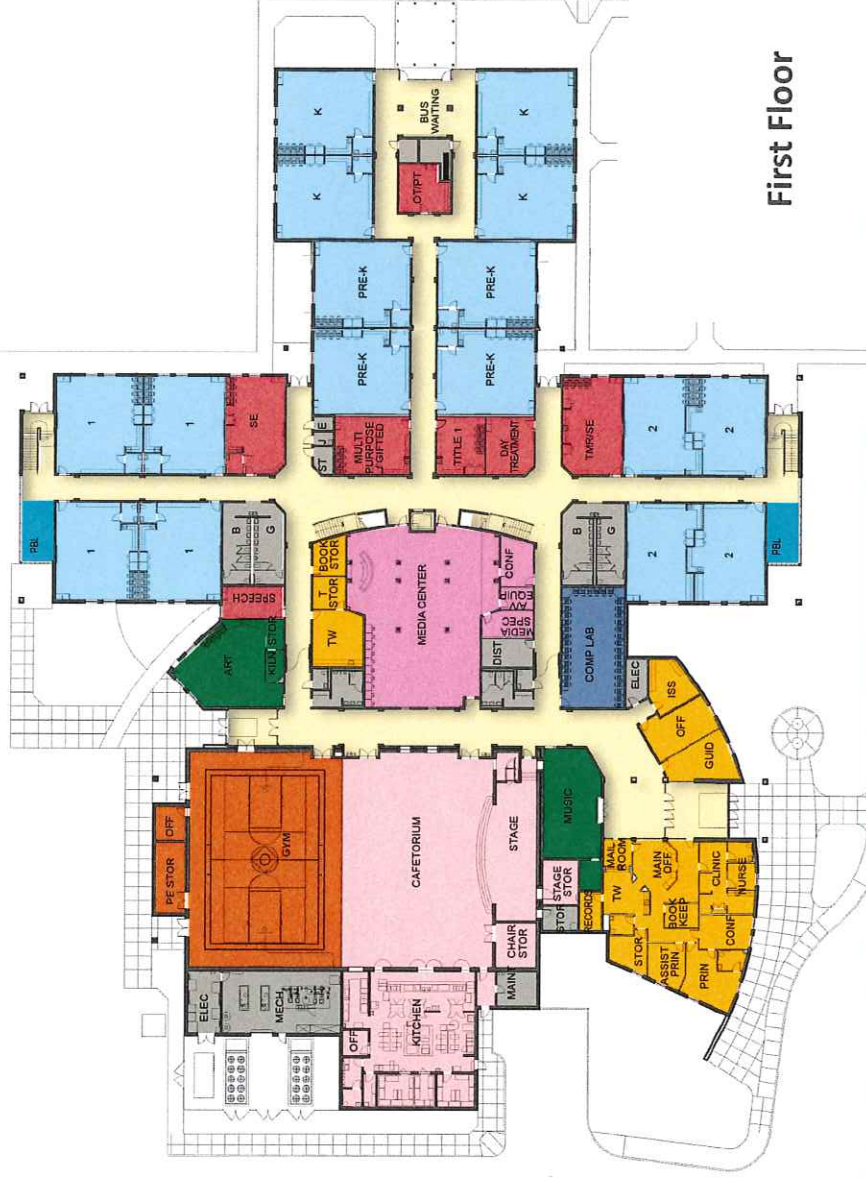
Size: 86,420 SF
Capacity: 700 Students



Pioneer Elementary School

Suffolk Public Schools

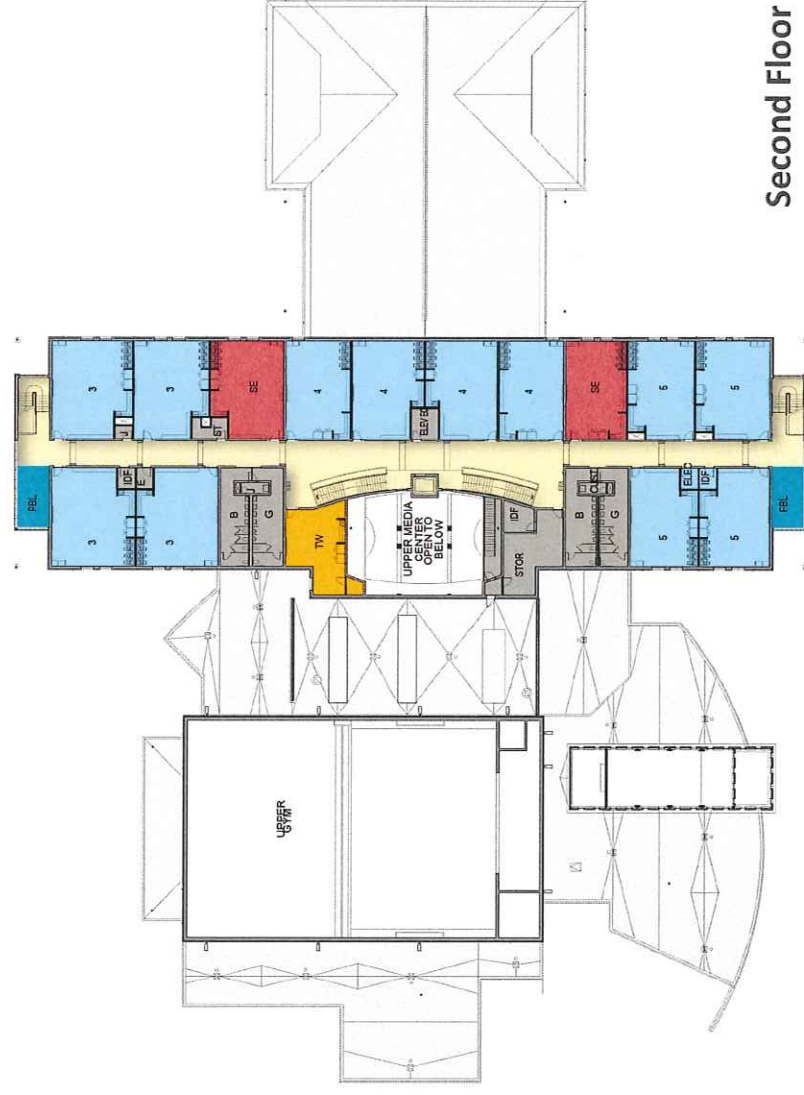
EXISTING



Pioneer Elementary School

Suffolk Public Schools

EXISTING



Second Floor

New George Mason Elementary School (Existing Pioneer Elementary School)



4

Oak Point Elementary School

Smyth County Public Schools

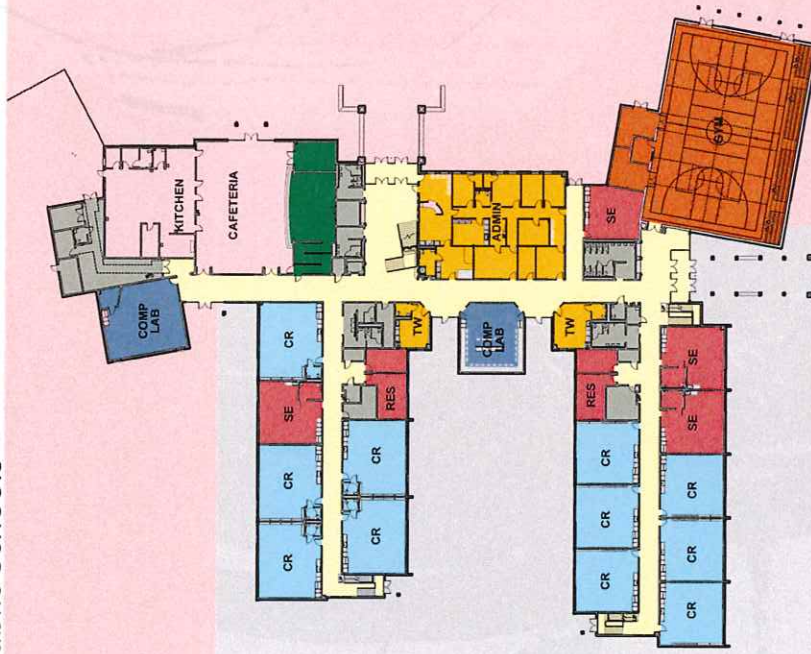
Size: 83,717 SF
Capacity: 600 Students



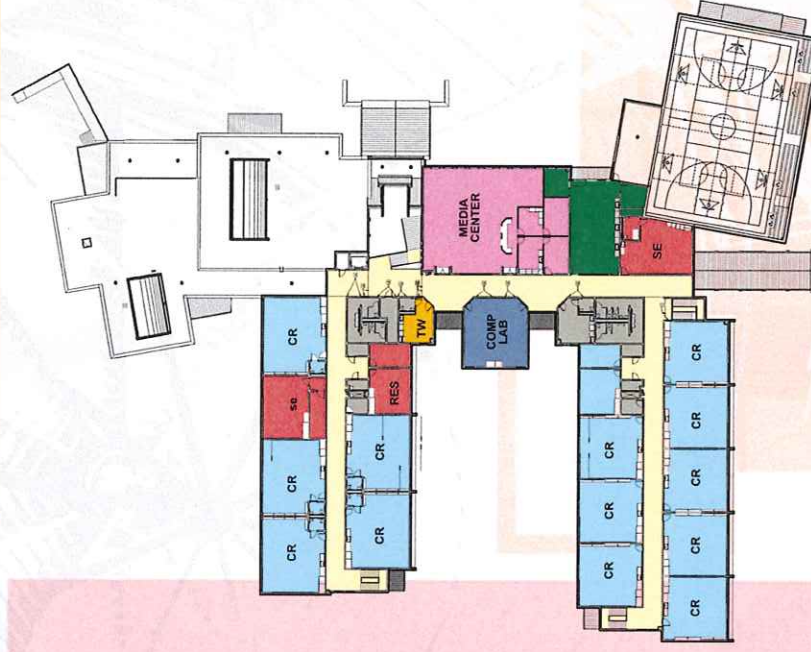
Oak Point Elementary School

Smyth County Public Schools

EXISTING



First Floor



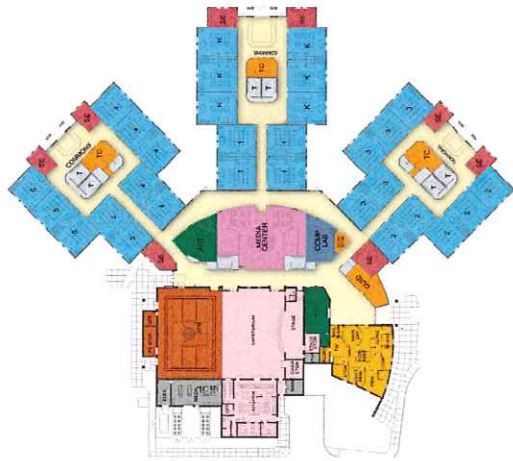
Second Floor

New George Mason Elementary School (Existing Oak Point Elementary School)



ELEMENTARY SCHOOL COMPARISON

	MATOCAC / ENON ES	MEADOW VIEW ES	PIONEER ES	OAK POINT ES
FITS WELL ON SITE		✓	✓	✓
GOOD SEPARATION OF CARS & BUSES	✓	✓	✓	✓
SECURE/SECURABLE ENTRY LOBBY	✓	✓	✓	✓
LARGE FLEXIBLE/EXPANDABLE PUBLIC SPACE (CAFETORIUM OR GYM TORIUM)	✓	✓	✓	
CORE EASILY EXPANDABLE	✓	✓	✓	✓
GRADE HOUSES EASILY EXPANDABLE	✓	✓	✓	✓
NATURAL LIGHT & VIEW FROM ACADEMIC AREAS	✓	✓	✓	✓
DAYLIT OR DAYLIGHT CAPABLE		✓		✓
COLLABORATIVE EXTENDED CLASSROOM AREAS INCLUDED	✓	✓	✓	
ADEQUATE TEACHER WORKROOM SPACE NEAR ACADEMIC AREAS		✓	✓	✓
LARGE PERCENTAGE OF STEEP-SLOPE ROOF	✓		✓	✓
MORE THAN A SINGLE ITERATION BUILT	✓		✓	
LIMITED MODIFICATIONS DUE TO CODE OR CAPACITY	✓	✓	✓	
DRAWINGS COMPLETE IN BIM SOFTWARE	✓	✓	✓	✓
ANTICIPATED BUILDING COST (\$F)	\$208.79	\$182.48	\$179.61	\$187.83
DESIGN FEE/CONSTRUCTION COST RANGE (%)	2.75 - 3.00%	2.75 - 3.00%	2.50%	3.50 - 3.75%



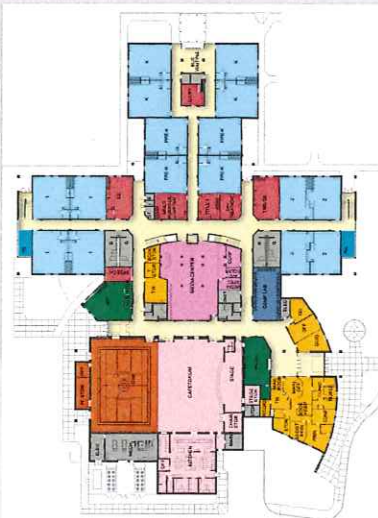
Matoaca / Enon ES



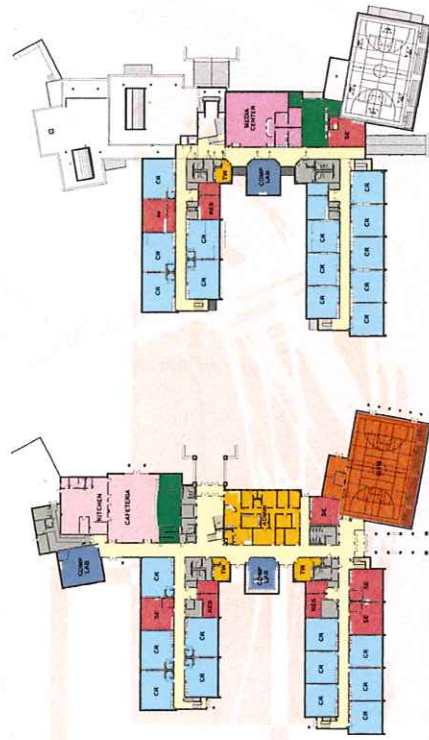
Meadow View ES



Pioneer ES



Oak Point ES

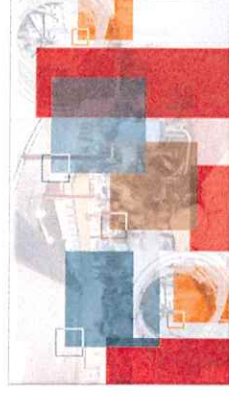


Recommended Prototype Rankings:

- 1. Pioneer ES (Florence Bowser ES)**
- 2. Meadow View ES**
- 3. Oak Point ES**
- 4. Matoaca / Enon ES**

ELKHARDT-THOMPSON MIDDLE SCHOOL PROTOTYPE MODELS

Richmond Public Schools



1

Kings Fork Middle School

Suffolk Public Schools



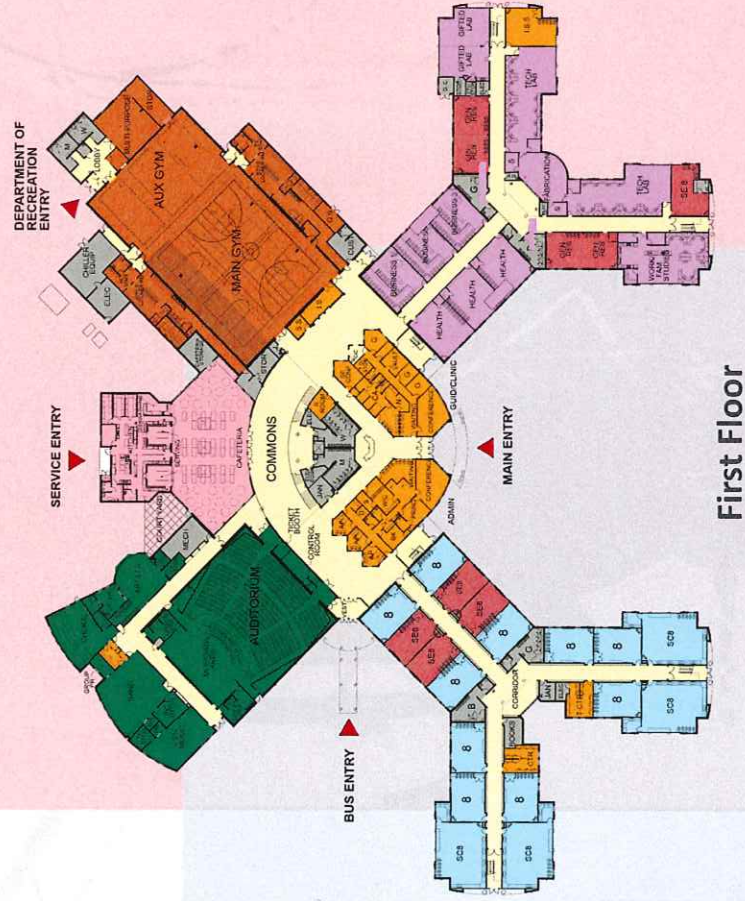
Size: 190,000 SF

Capacity: 1,200 Students

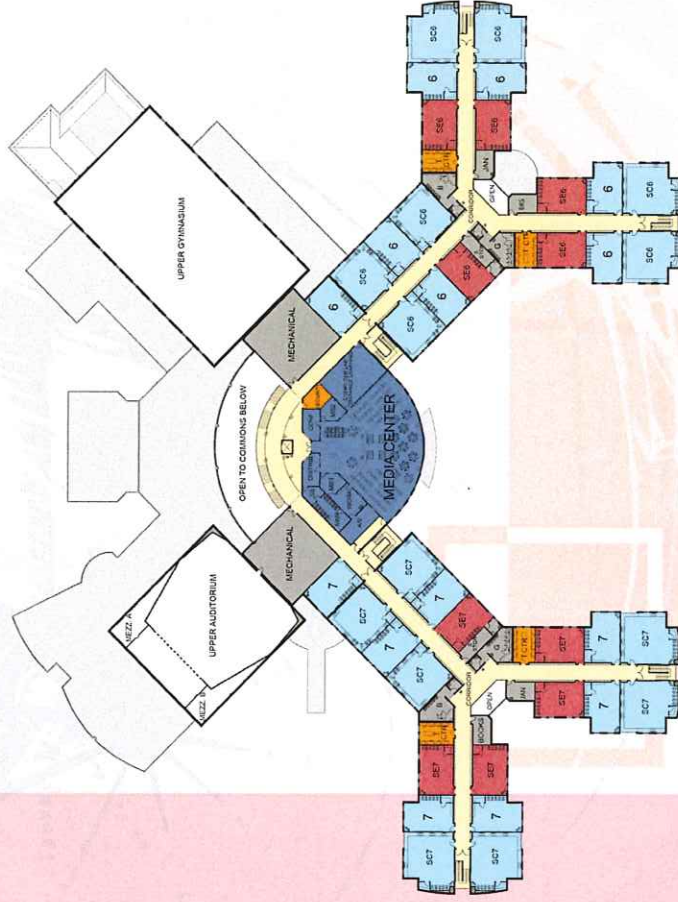
Kings Fork Middle School

Suffolk Public Schools

EXISTING



First Floor

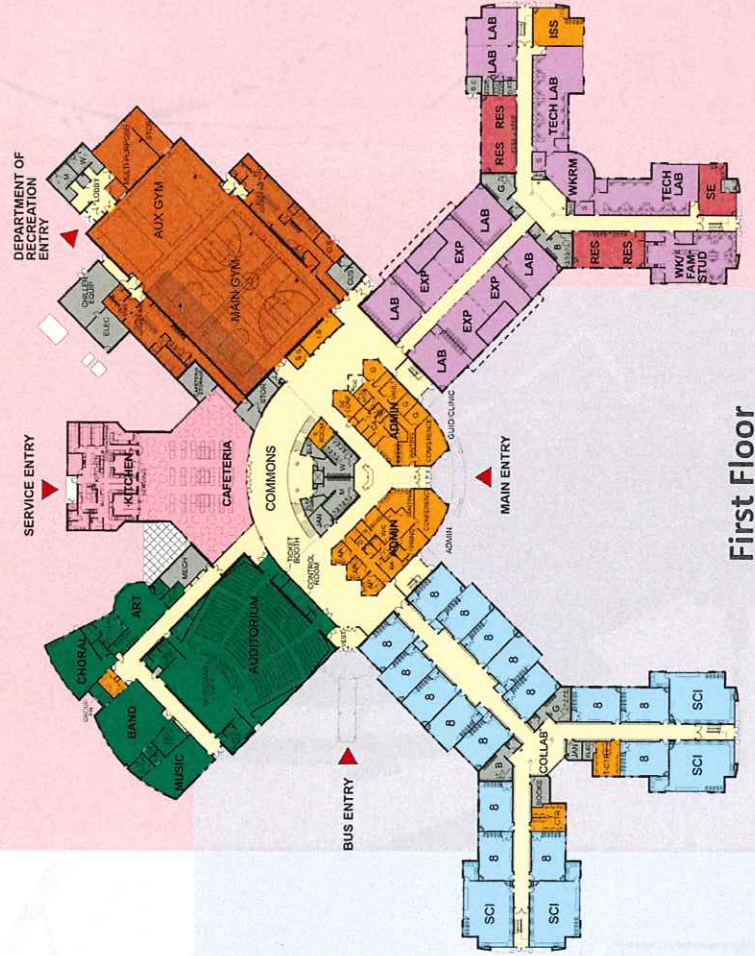


Second Floor

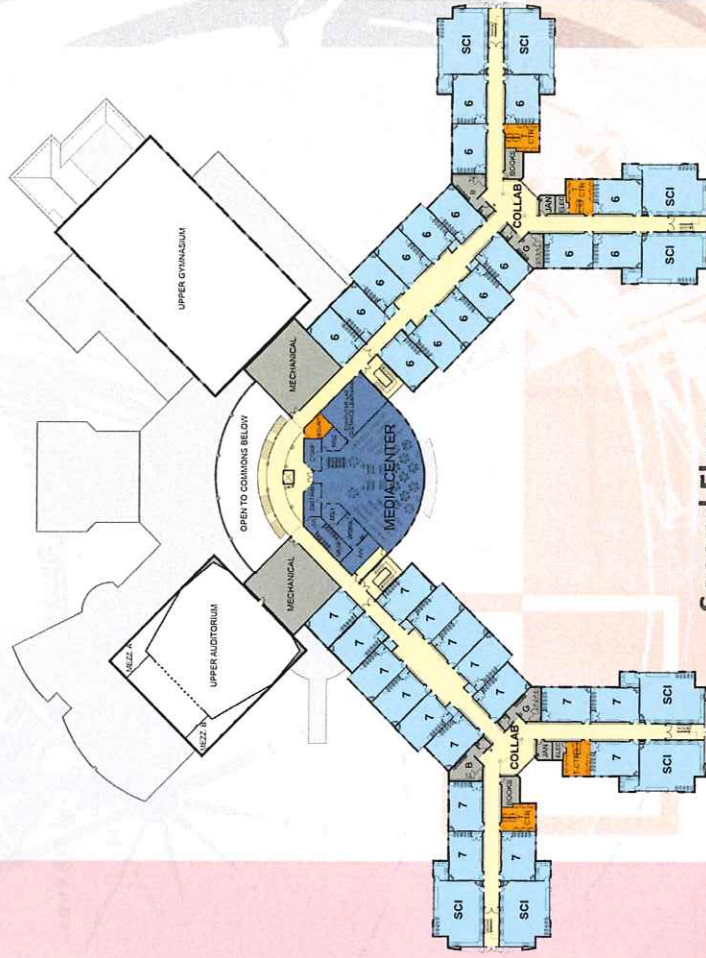
Kings Fork Middle School

Suffolk Public Schools

EXPANDED



First Floor



Second Floor



New Elkhardt-Thompson Middle School

(Expanded Kings Fork Middle School)

2

Fred Cherry Middle School

Suffolk Public Schools



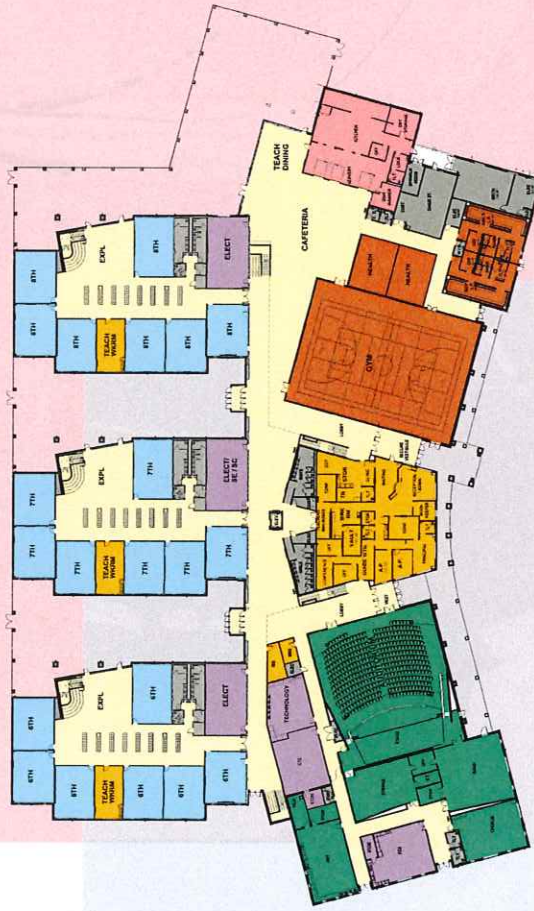
Size: 125,000 SF

Capacity: 800 Students

Fred Cherry Middle School

Suffolk Public Schools

EXISTING



First Floor

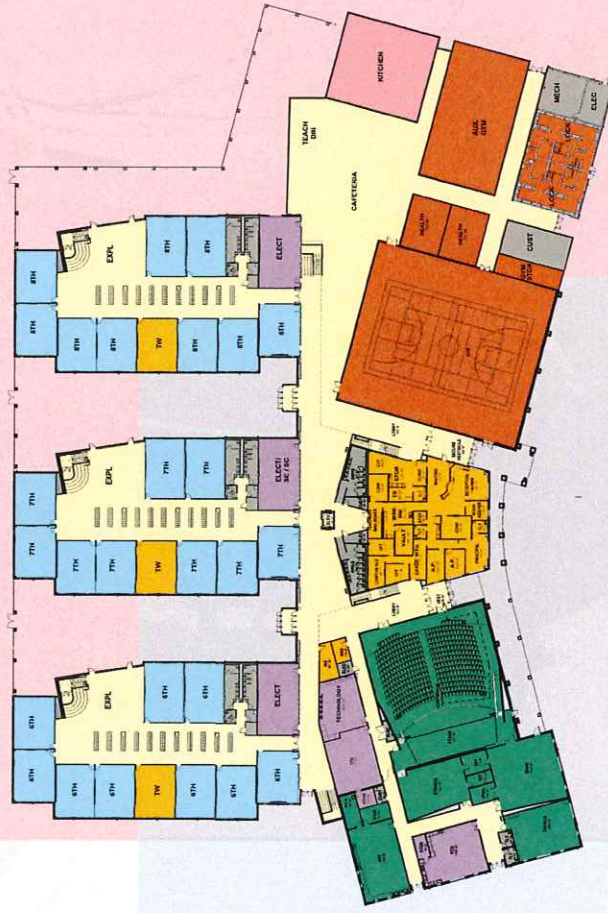


Second Floor

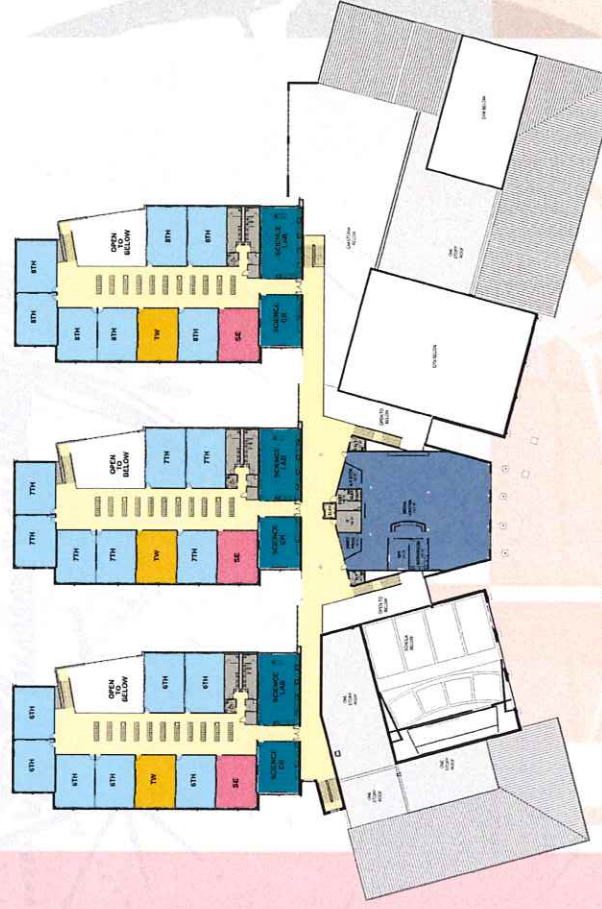
Fred Cherry Middle School

Suffolk Public Schools

EXPANDED



First Floor



Second Floor



New Elkhardt-Thompson Middle School

(Expanded Fred Cherry Middle School)

3

Pulaski Middle School

Pulaski County Public Schools



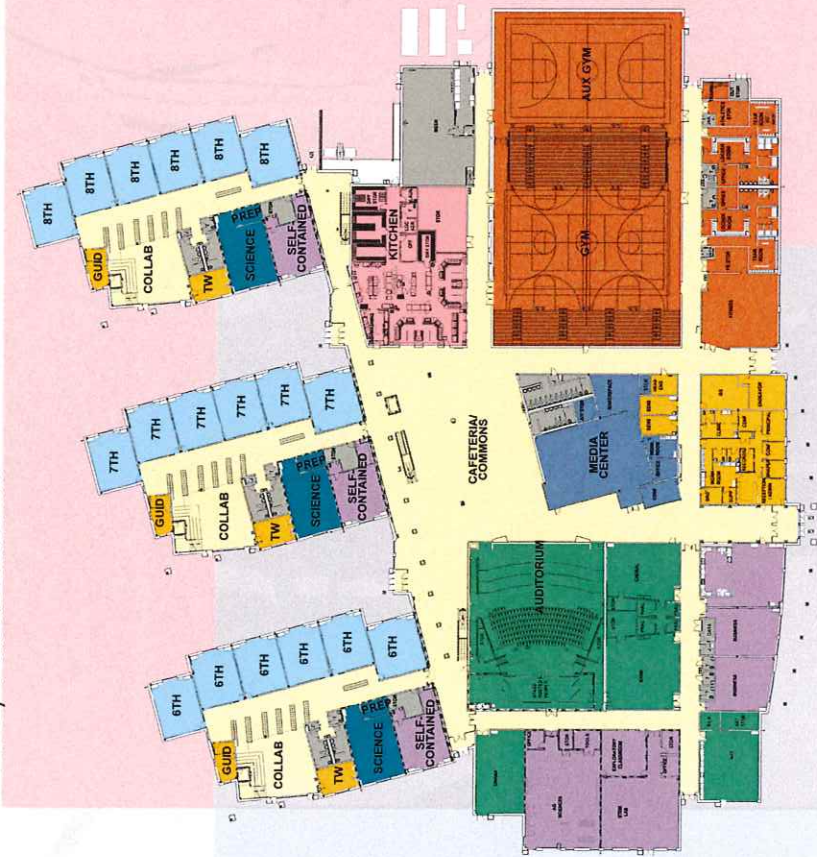
Size: 164,000 SF

Capacity: 1,000 Students

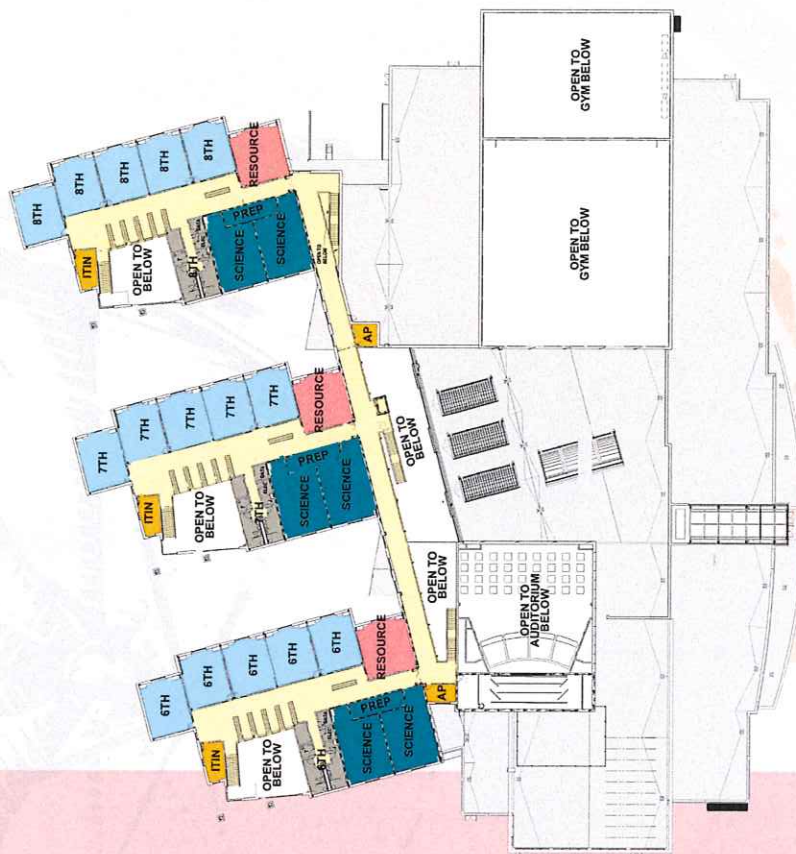
Pulaski Middle School

Pulaski County Public Schools

EXISTING



First Floor

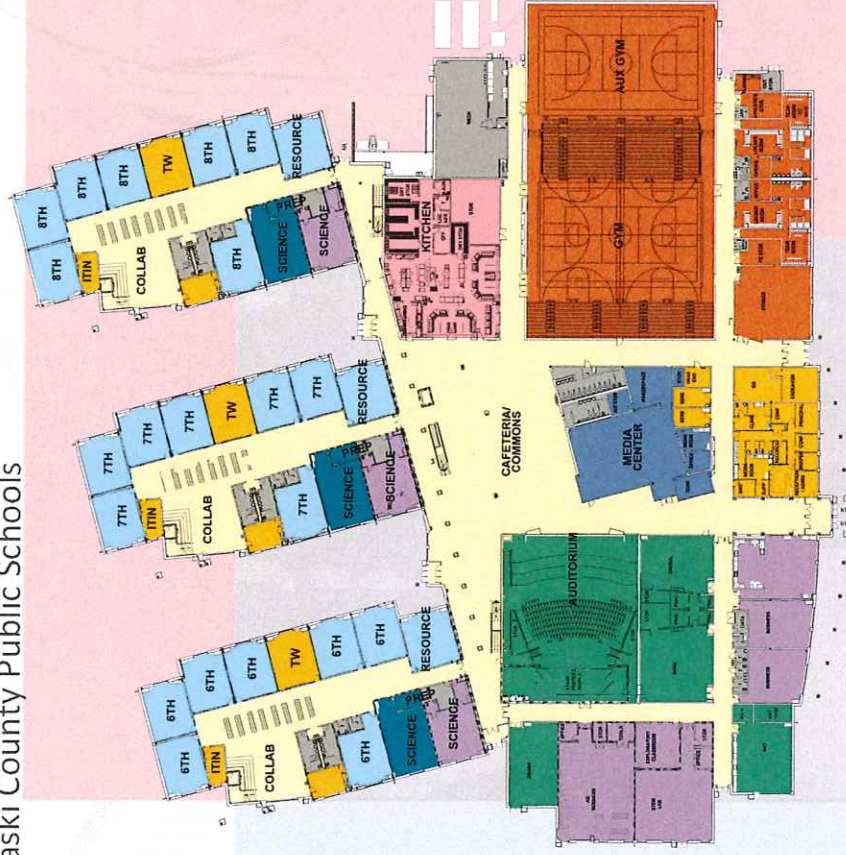


Second Floor

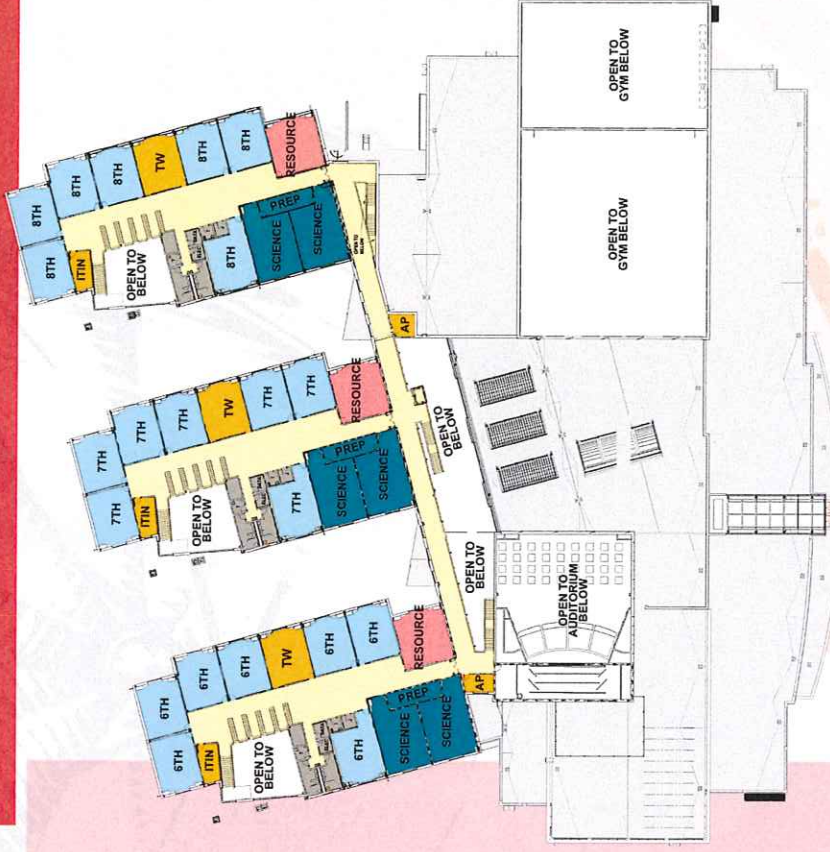
Pulaski Middle School

Pulaski County Public Schools

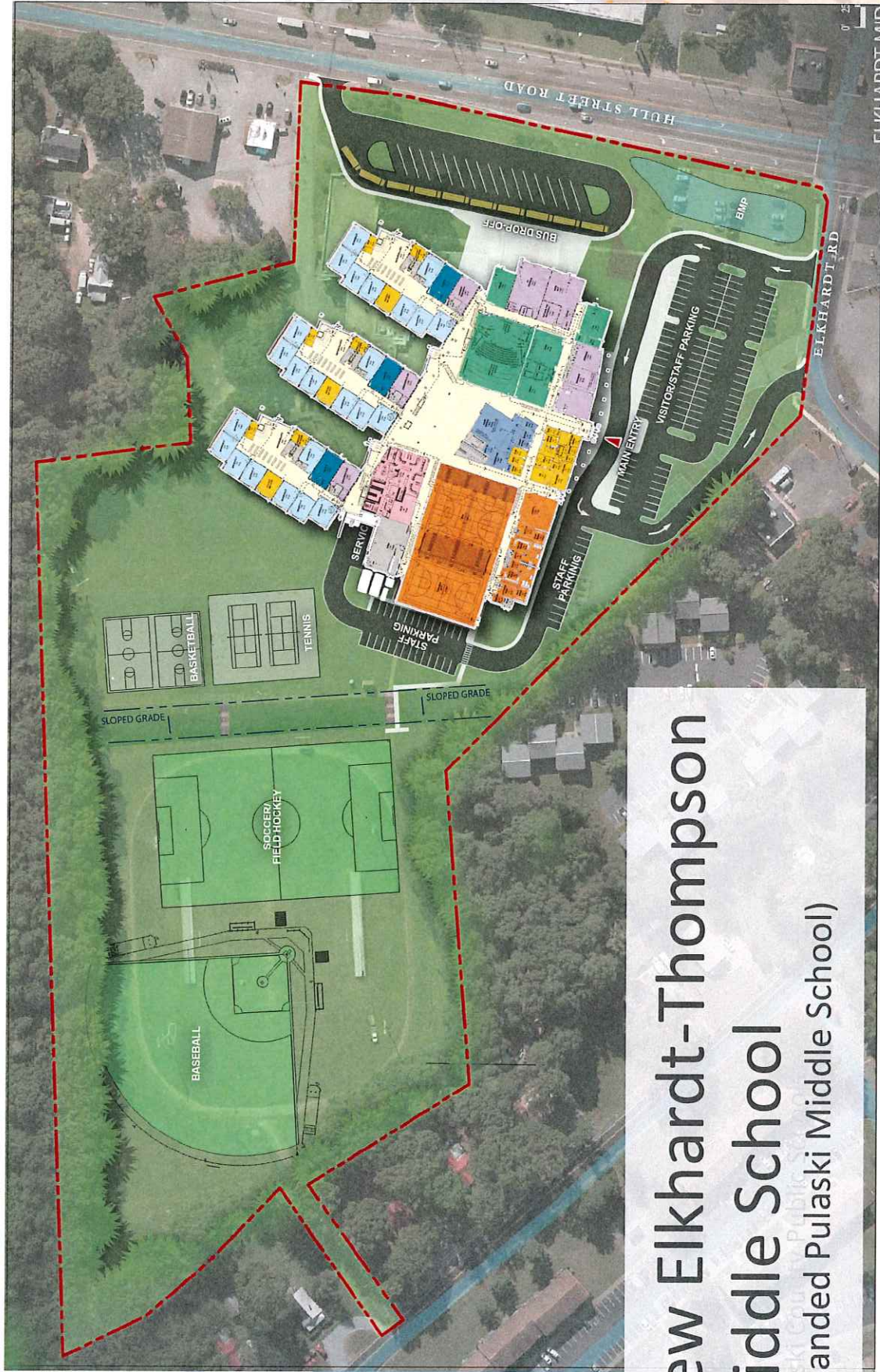
EXPANDED



First Floor



Second Floor



New Elkhardt-Thompson Middle School

(Expanded Pulaski Middle School)

4

Manchester Middle School

Chesterfield County Public Schools

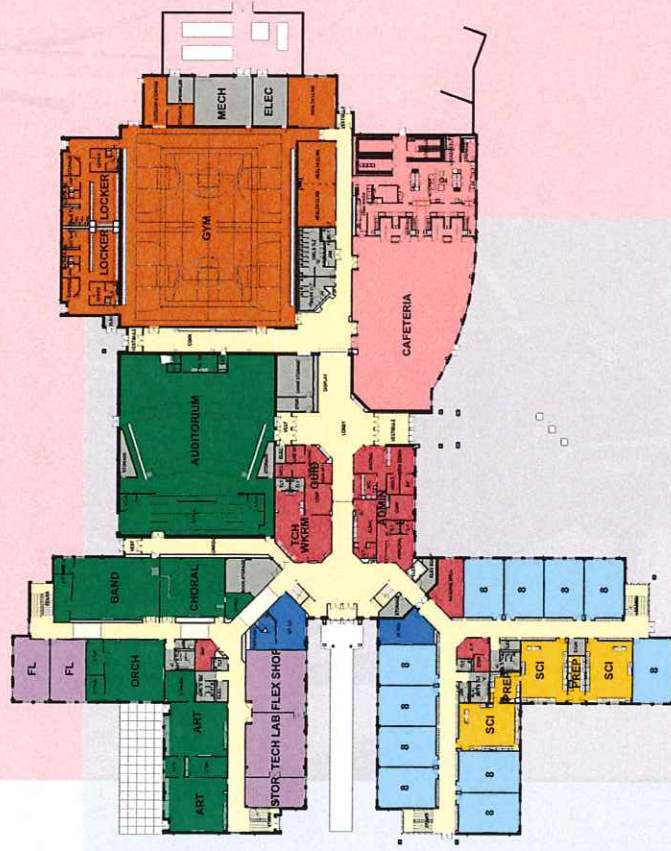


Size: 135,000 SF
Capacity: 1,100 Students

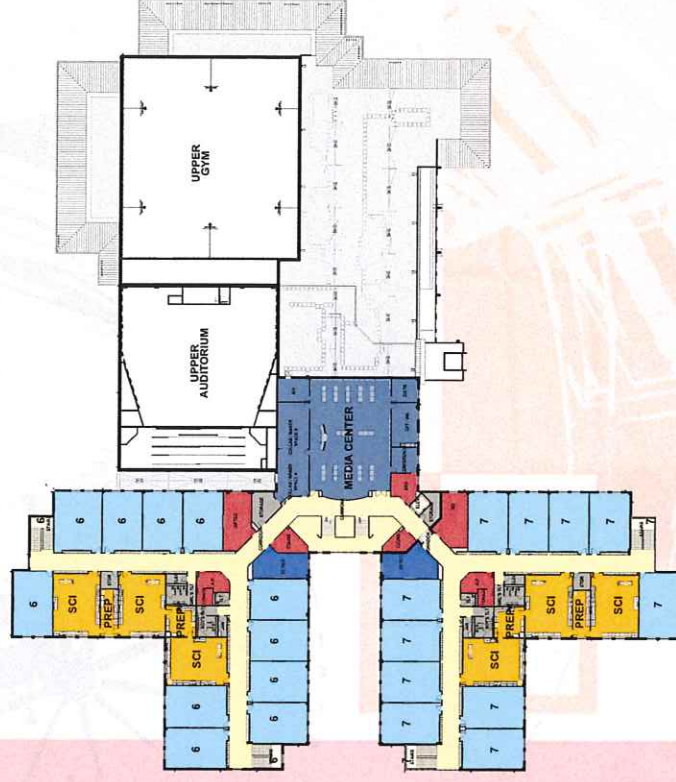
Manchester Middle School

Chesterfield County Public Schools

EXISTING



First Floor

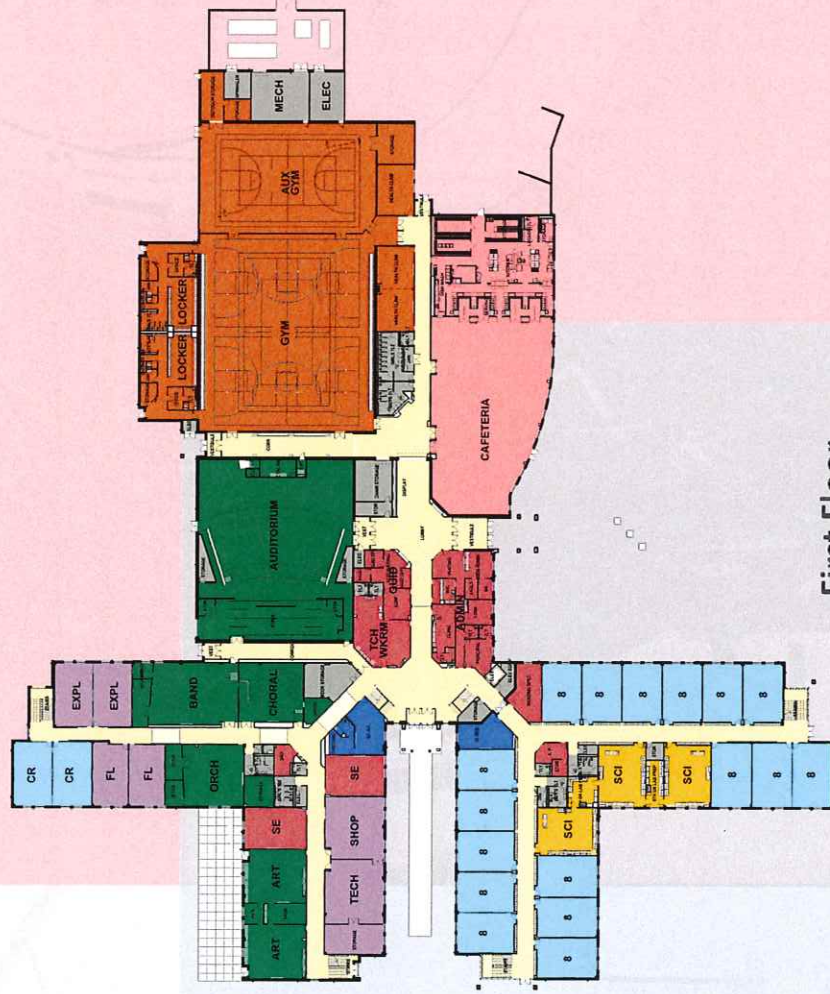


Second Floor

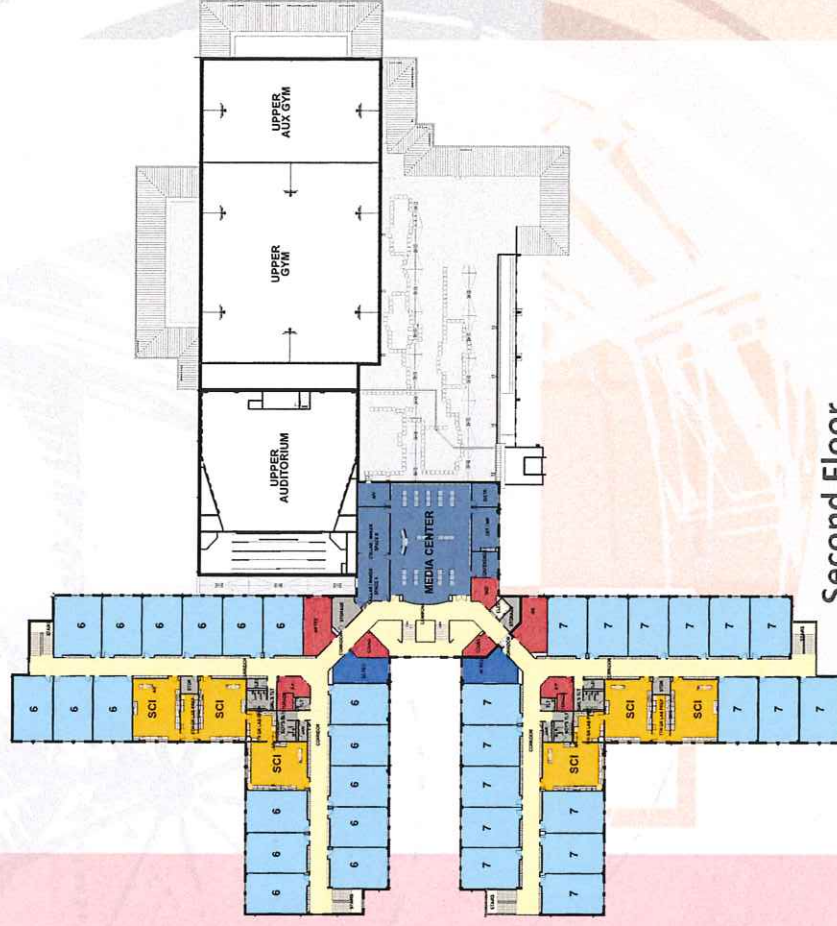
Manchester Middle School

Chesterfield County Public Schools

EXPANDED



First Floor



Second Floor

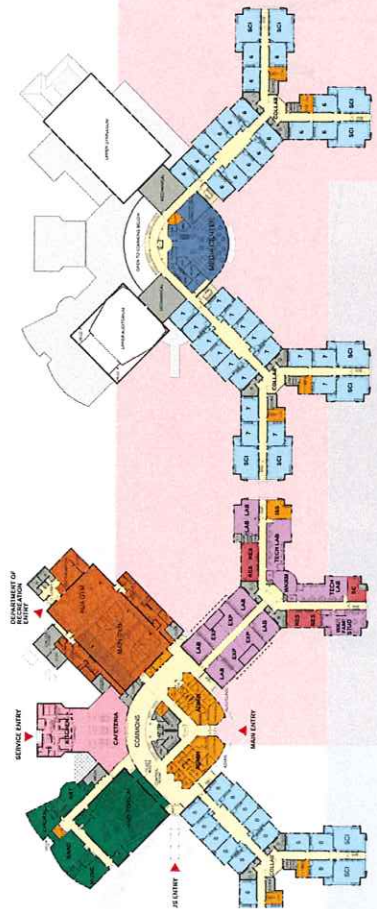


New Elkhardt-Thompson Middle School

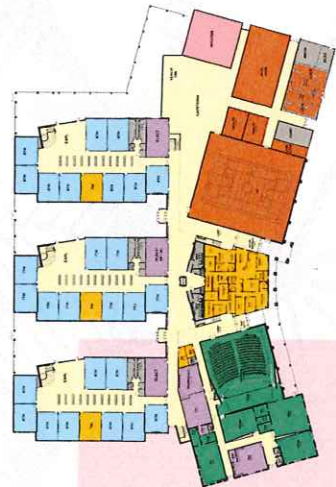
(Expanded Manchester Middle School)

MIDDLE SCHOOL COMPARISON

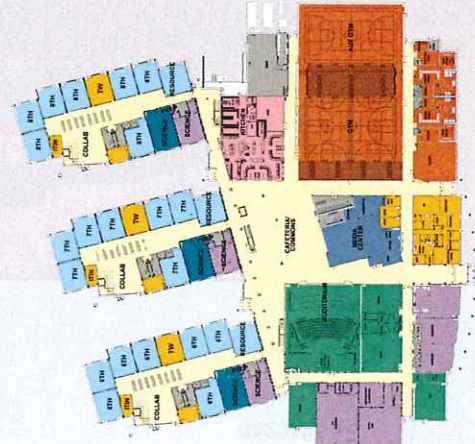
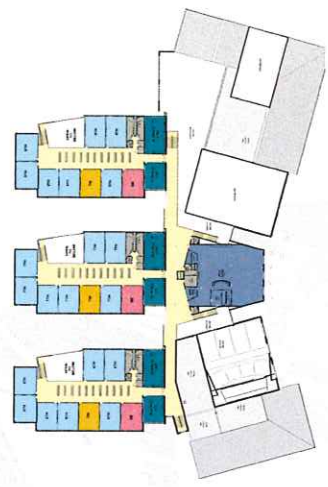
	KINGS FORK MS	COL FRED CHERRY MS	PULASKI MS	MANCHESTER MS
FITS WELL ON SITE		✓	✓	
GOOD SEPARATION OF CARS & BUSES	✓	✓	✓	✓
SECURE/SECURABLE ENTRY LOBBY	✓	✓	✓	✓
LARGE FLEXIBLE/EXPANDABLE PUBLIC SPACE (CAFETORIUM OR GYMITORIUM)	✓	✓	✓	✓
CORE EASILY EXPANDABLE				
GRADE HOUSES EASILY EXPANDABLE	✓	✓	✓	✓
NATURAL LIGHT & VIEW FROM ACADEMIC AREAS	✓	✓	✓	✓
DAYLIT OR DAYLIGHT CAPABLE		✓	✓	
COLLABORATIVE EXTENDED CLASSROOM AREAS ALREADY INCLUDED		✓	✓	
ADEQUATE TEACHER WORKROOM SPACE NEAR ACADEMIC AREAS	✓	✓	✓	✓
LARGE PERCENTAGE OF STEEP-SLOPE ROOF	✓	✓		
MORE THAN A SINGLE ITERATION BUILT		✓	✓	✓
LIMITED MODIFICATIONS DUE TO CODE OR CAPACITY		✓	✓	
DRAWINGS COMPLETE IN BIM SOFTWARE		✓	✓	✓
TEAM TEACHING DESIGN	✓	✓	✓	✓
AUDITORIUM INCLUDED (# OF SEATS)	663	420		603
SCHOLA INCLUDED (# OF SEATS)			400	
FULL GYMNASIUM (# OF SEATS)	654	250	1150	802
SMALL GYM + FITNESS AREA		✓		
AUXILIARY GYM	✓		✓	
ANTICIPATED BUILDING COST (\$F)	\$208.79	\$182.48	\$179.61	\$187.83
DESIGN FEE/CONSTRUCTION COST RANGE (%)	2.75 - 3.00%	2.75 - 3.00%	2.50%	3.50 - 3.75%



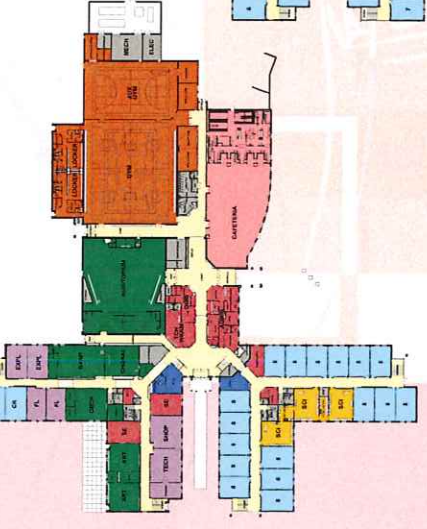
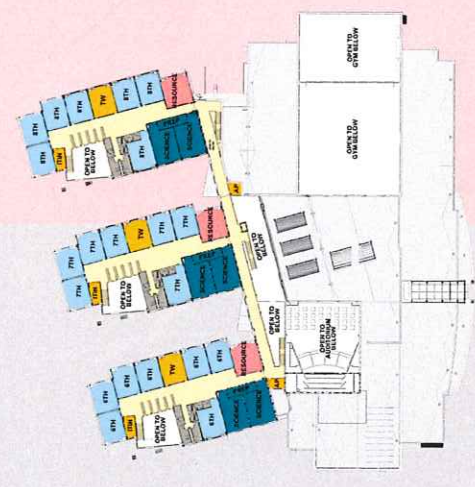
Kings Fork MS



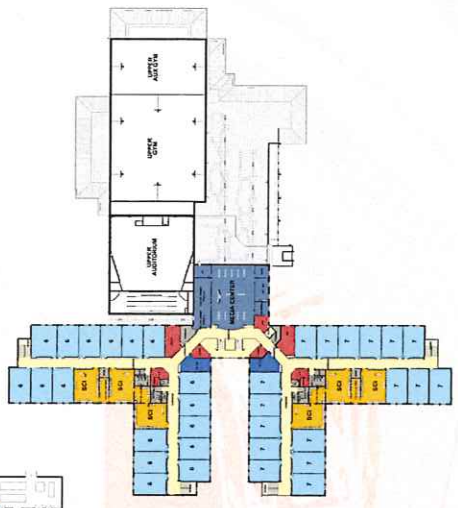
Fred Cherry MS



Pulaski MS



Manchester MS



Recommended Prototype Rankings:

- 1. Pulaski MS**
- 2. Col Fred Cherry MS**
- 3. Manchester MS**
- 4. Kings Fork MS**