



UPPER DARBY

SCHOOL DISTRICT Opportunity · Unity · Excellence

MIDDLE SCHOOL FEASIBILITY STUDY FEBRUARY 13, 2019





Questions

- <u>committeequestions@upperdarbysd.org</u>
- February 26, 2019 Finance and Operations Committee Meeting (BHMS)



District Facilities Study Information

- <u>https://www.upperdarbysd.org/domain/1574</u>
- <u>https://www.boarddocs.com/pa/udar/Board.nsf/Public</u>

OPPORTUNITY - UNITY - EXCELLENCE

- **Opportunity** Highlighted in the Equity Agenda to give every child and every school an equal access to the same learning opportunities to succeed.
- **Unity** Unify every school in the Township with a common purpose, one that celebrates our diversity and unites everyone in a common purpose.
- Excellence A commitment to academic excellence and the belief that every Upper Darby student can achieve. Excellence can also be used to highlight our awarding winning arts department and several other key education initiatives.



- Every Upper Darby student can achieve in a diverse and loving school environment and they have a civil right to the best education possible, so they can graduate from High School on-time and ready to be productive, engaged citizens in the world.
- Great teachers and principals are what makes our schools special. Our principals and teachers are committed to expanding opportunity for our students and maximizing their potential.
- A quality public education system benefits the entire community.
- A positive, united relationship with township and borough officials benefits the entire community.
- Fiscal stability will allow us to make the investments needed to improve the education our students receive, modernize the buildings they learn in, and retain and hire a 21st century workforce.



OVERALL FACILITIES REVIEW

- 14 Schools serving over 12,000 students.
- We have buildings that are 93 years old with the youngest built in 1975.
- Building additions have taken place where possible to address enrollment needs.
- We face over \$110,000,000 in deferred maintenance costs.
- We face overcrowding in several schools.
- Key examples of overcrowding are Highland Park Elementary School and Beverly Hills Middle School with no room for expansion.
- Senkow Elementary School is a leased building outside of the District.
- Charles Kelley Elementary School is a leased building in District.
- District owned properties: Cardington Field and Clifton Field (Moyerman-Gibson tract)



TIMELINE

- In 2016, we began a detailed review of the School District's facilities included and not limited to:
 - Overview of the school district, including its geography, population, wealth and any distinguishing features.
 - Overview of the district's educational program, including special facility or design needs related to future curriculum or instructional practices.
 - Objective analysis of projected demographics and district current and projected enrollment for each grade.



Goals

- Provide draft plan of possible new middle school in Clifton Heights.
- Review draft plan of possible new elementary school located at either Cardington Field or the 69th street athletic complex.
- Consider several building renovations and improvements as described in previous, public presentations.
- Ease overcrowding in several district schools.
- Improve facilities for greater academic as well as athletic opportunities for the students and community we serve.
- Improve home values.
- Improve facilities while recognizing overall impact to tax payers.

MIDDLE SCHOOL AT CLIFTON HEIGHTS



SCHOOL DISTRICT

Architects

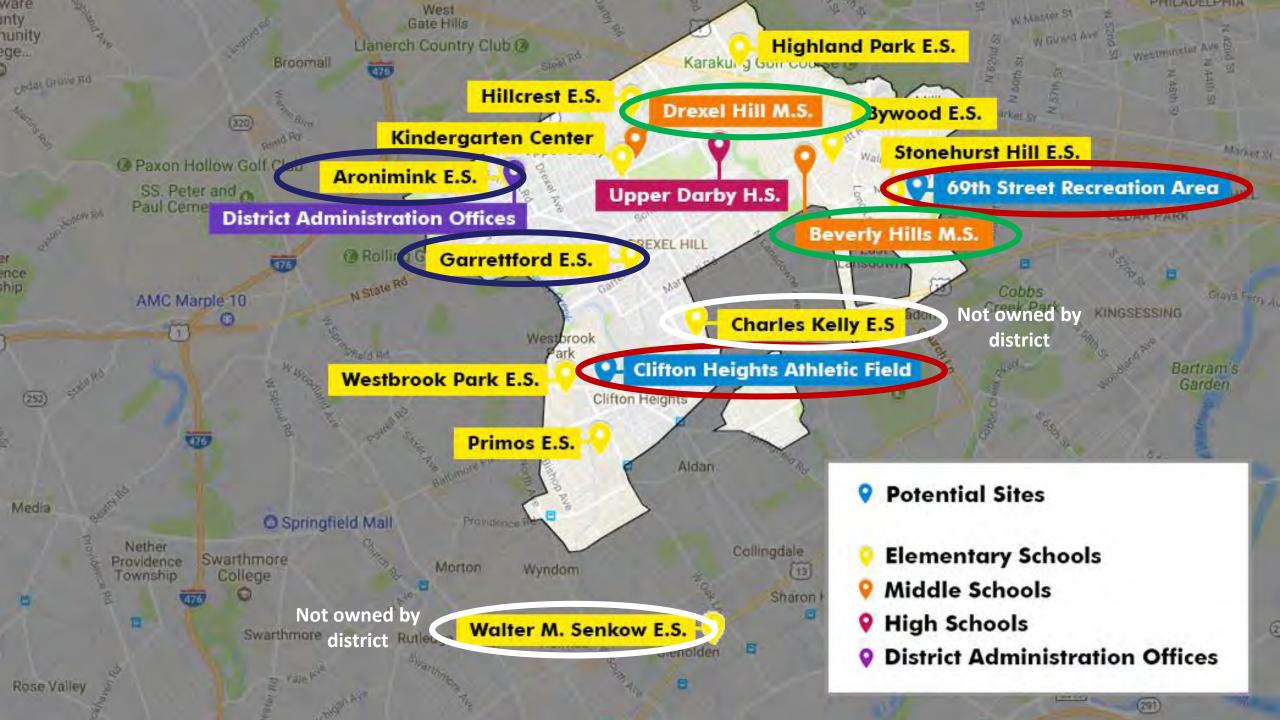
Focus

This study entailed a review of potential building locations, conditions analysis of existing middle schools, building capacities, and delivery of educational programs. The following buildings and sites were included in this process:

- New Middle School at Clifton Heights
- New Elementary School on 69th Street
- Beverly Hills Middle School
- Drexel Hills Middle School
- Garrettford Elementary School
- Aronimink Elementary School







Goals

• Study viability of constructing a new middle school at Clifton Heights

 Better accommodate growing enrollment and alleviate overcrowding at middle schools

 Provide environments to support your 21st century educational program





<u>Goals</u>

• Identify and address safety, security, and building code issues and spatial needs in existing middle schools

 Develop capacity options for facilities not owned by the district (Senkow and Charles Kelly schools)

 Create a priority list of needs and actions for the next several years





Addian.					UF	pper Darby School District Program of Proposed Education Spaces Clifton Heights Middle School	kcbr.							r Darby School Distric
									_	Proposed				ogram of Proposed Education Space Clifton Heights Middle Schoo January 21, 201
		-8, 750 Pla			Koom									
ACADEMIC CENTER							CAREER FOCUSED LEARNIN	IG	ne.		TOIGI	Room		
Core Programs							Family and Consumer Science	ce .						
oth Grade Classrooms		6		5,100			F&CS Classroom		1	1,200		20	20 Kito	then Labs
7th Grade Classrooms		6		5,100			F&CS Storage		1					
3th Grade Classrooms		6		5,100	25 150			Subtotal	1		1,525		20	
	Subtotal	18		15,300	450		Art and Music Center							
	obbiolar			/			General Art Classroom		2	1,400	2,800	20	40	
oreign Language							Art Storage		2	400				
anguage Classrooms					25 25		Music Band Room		Ĩ	1,800	1,800		25	17/10/10 150 200 1 1 1
	Subtotal	1		850	25		Choral Room		1	1,400	1,400	25	25 Enle	arged 7/18/18, 150-200 student:
cience Classrooms							tosic store				2			
		a N	1.10				Audito				6,5		Sea	iting for 600
icience Labs		4			80 25		Perfor te Stage			0	2,00			
icience Classrooms					25			_	2	D.	70			
icience Prep Rooms		3						S tal	IF I			-	90	
cience Storage		3												
	Subtotal	11		5,250	105		Library/Media Center	on 🚽		2,000	2,000			
pacial Education							Design + Innovation Commo			2,000	2,000			
pecial Education Classroom (2	2-25 kide)	2		1,700			Tech Shop		Ť	1,200	1,200			
pecial Education Classroom (2		2	660	1,320			Tech Classrooms		2	1,000	2,000	20	40	
pecial Education Classroom (8		2		1,100				Subtotal	5		7,200		80	
Autistic Support Classroom		2	950	1,900		include toilet roc								
		1	850							9,000	9,000	66	66 Ma	in & 2 Side BB courts, seats 500
leading Specialist		1	330	330			Auso Sym						33	
Aath Specialist							Center			1,000	1,000			
inglish Language Learners (ELL)		2	660	1,320			Room			750				
peech + OT/PT		1					Lock yon			750	750			
Sensor Room		1					Addin Ar Room			650 375	650 750			
							Health Classroom		2			27	27	
	Subtotal	15		9,510			Instructors Office		2	260				
							Athletics Storage		3		1,005			
								Subtotal	14		18,775		126	
							ACAD	EMIC TOTAL	45		30,910		580	
							CAREER FOC				25,865		190	
								LETIC TOTAL	14				126	
OTAL		45		30,910	58		SCH	IOOL TOTAL				3	896	Total Student Capacity





6th GRADE 7TH GRADE 8TH GRADE

SCIENCES FOREIGN LANGUAGE SPECIAL EDUCATION

TOTAL

		-	Descent	_	C		Clifton Heights Middle School
		No.	Proposed NSF	Total	Per	Total	January 21, 2019 Remarks
Proposed New Middle Sch	ool (Grades A	8 750 P	lanned Studen		Room	-	
ACADEMIC CENTER	iour fordues c	10, 1001	idinied studen	(copacity)			
Core Programs							
6th Grade Classrooms		6	850	5,100	25	150	
7th Grade Classrooms		6	850	5,100	25	150	
8th Grade Classrooms		6	850	5,100	25	150	
	Subtotal	18		15,300	-	450	1
Foreign Language							
Language Classrooms		1	850	850	25	25	
	Subtotal	1		850	-	25	
Science Classrooms							
Science Labs		4	1,100	4,400	20	80	
ocience Classrooms		1	850	850	25	25	
Science Prep Rooms		3	195	585			
Science Storage		3	195	585			
	Subtotal	11		5,250		105	
Special Education							
Special Education Classroom (2	22-25 kids)	2	850	1,700			
Special Education Classroom (12-15 kids)	2	660	1,320			
Special Education Classroom (8	3-10 kids)	2	550	1,100			
Autistic Support Classroom		2	950	1,900			includes dedicated toilet room
Gifted Classroom		1	850	850			
Reading Specialist		1	330	330			
Math Specialist		1	330	330			
English Language Learners (ELL)	2	660	1,320			
Speech + OT/PT		1	330	330			
Sensor Room		1	330	330			
	Subtotal	15		9,510			7
		the second se		and the second data		-	

30,910

Upper Darby School District

580 Student capacity in academic spaces

kcbn

Upper Darby School District Program of Proposed Education Spaces Clifton Heights Middle School

							Citron reigne made ochoc
		1	Proposed		Cap	acity	January 21, 201
		No.	NISF	Total	Per	Total	Remarks
CAREER FOCUSED LEARNING		- 1.98			Room	1	- Constant
Family and Consumer Science							
F&CS Classroom		1	1,200	1,200	20	20	Kitchen Labs
F&CS Storage		1	325	325			
	Subtotal	- 1		1,525		20	
Art and Music Center							
General Art Classroom		2	1,400	2,800	20	40	
Art Storage		2	400	800			
Ausic Band Room		1	1,800	1,800	25	25	
Choral Room		1	1,400	1,400	25	25	Enlarged 7/18/18, 150-200 students
Ausic Storage		4	225	900			
Ensemble/Practice Rooms		2	120	240			
Auditorium		1	6,500	6,500			Seating for 600
Performance Stage		1	2,000	2,000			
Storage		2	350	700			
	Subtotal	16		17,140	-	90	
echnology and Collaboration							
ibrary/Media Center		1	2,000	2,000			
Design + Innovation Commons		1	2,000	2,000	20	20	
ech Shop		- T	1,200	1,200	20	20	
ech Classrooms		2	1,000	2,000	20	40	
	Subtotal	5		7,200		80	
THLETICS							
Symnasium		1	9,000	9,000	66	66	Main & 2 Side BB courts, seats 500
Auxilary Gym		1	3,500	3,500	33	33	
itness Center		1	1,000	1,000			
ocker Room Boys		1	750	750			
ocker Room Girls		1	750	750			
dditional Locker Room		1	650	650			
eam Rooms		2	375	750			
tealth Classroom		1	850	850	27	27	
nstructors Office		2	260	520			
Athletics Storage		3	335	1,005			
	Subtotal	14		18,775		126	10
		45		30,910		580	
ACADEM	IC TO ML						
ACADEM CAREER FOCUSE		22		25,865		190	
CAREER FOCUSE ATHLET	ED TOTAL	22 14		25,865 18,775		126	and the second sec
CAREER FOCUSE ATHLET	D TOTAL						Total Student Capacity



45



			Proposed			acity	January 21, 201	
		No.	NSF	Total	Per Room	Total	Remarks	
	Proposed New Middle School (Grades 6-8.	750 PI	anned Student	Capacity)				
	ACADEMIC CENTER			i i i				
	Core Programs							
	6th Grade Classrooms	6	850	5,100	25	150		
	7th Grade Classrooms	6	850	5,100	25	150		
	8th Grade Classrooms	6	850	5,100	25	150		
	Subtotal	18		15,300		450		
	Foreign Language							
	Language Classrooms	1	850	850	25	25		
	Subtotal	1		850	-	25		
	Science Classrooms							
	Science Labs	4	1,100	4,400	20	80		
	Science Classrooms	1	850	850	25	25		
	Science Prep Rooms	3	195	585				
	Science Storage	3	195	585				
	Subtotal	11		5,250		105		
	Special Education							
	Special Education Classroom (22-25 kids)	2	850	1,700				
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	Autistic Support Classroom	2	950	1,900			includes dedicated toilet room	
	Gifted Classroom	1	850	850				
	Reading Specialist	1	330	330				
	Math Specialist	1	330	330				
	English Language Learners (ELL)	2	660	1,320				
	Speech + OT/PT	1	330	330				
	Sensor Room	1	330	330				
	Subtotal	15		9,510	4			
	6th GRADE	6		5,100				
	7TH GRADE	Ó.		5,100				
	8TH GRADE	.6		5,100				
	SCIENCES	11	-	5,250				
UPPER DARBY SCHOOL DISTRICT	FOREIGN LANGUAGE	1		850				
SCHOOL DISTRICT		15		7,510			A CONTRACTOR OF A CONTRACTOR O	
	TOTAL	45		30,910		580	Student capacity in academic spaces	



			Proposed		Cap	acity	January 21, 2019
		No.	NSF	Total	Per	Total	Remarks
CAREER FOCUSED LEARNING					Room		
amily and Consumer Science							
&CS Classroom		1	1,200	1,200	20	20	Kitchen Labs
&CS Storage		1	325	325			
	Subtotal	1		1,525	1	20	
art and Music Center							
General Art Classroom		2 2	1,400	2,800	20	40	
vrt Storage		2	400	800			
Ausic Band Room		1	1,800	1,800	25	25	
Choral Room		4	1,400 225	1,400 900	25	25	Enlarged 7/18/18, 150-200 students
Ausic Storage		2	120	240			
nsemble/Practice Rooms wditorium		1	6,500	6,500			Seating for 600
Performance Stage		1	2,000	2,000			sealing for eve
itorage		2	350	700			
	Subtotal	16	Sec. 14	17,140		90	1 million
echnology and Collaboration							
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Design + Innovation Commons		1	2,000	2,000	20	20	
ech Shop		1	1,200	1,200	20	20	
ech Classrooms		2	1,000	2,000	20	40	
	Subtotal	5		7,200	+	80	1
THLETICS							
Symnasium		1	9,000	9,000	66	66	Main & 2 Side BB courts, seats 500
Nuxilary Gym		1	3,500	3,500	33	33	
itness Center		1	1,000	1,000			
ocker Room Boys		1	750 750	750 750			
ocker Room Girls		4	650	650			
Additional Locker Room eam Rooms		2	375	750			
eam kooms Iealth Classroom		2 1	850	850	27	27	
nstructors Office		2	260	520			
Athletics Storage		2 3	335	1,005			
	Subtotal	14		18,775		126	1
ACADEM	IC TOTAL	45		30,910		580	· · · · · · · · · · · · · · · · · · ·
CAREER FOCUS		22		25,865		190	
	IC TOTAL	14		18,775		126	
SCHOO	OL TOTAL					896	Total Student Capacity
						762	PDE Utilization at 0.85%





	Proposed	Co	apacity		January 21, 2019
No.	NSF			Remarks	
-					
1				seating for 300	
2	400	800			
4		6,800		1	
1	1,600	1,600			
2	500	1,000			
3				One per grade	
1				One per grude	
i	250	250			
10		7,300		1	
	(
45		30,910			
Control and the second s		the second se	-		
14					
10		7,300			
		89,650			
		147,923 1.65			
			1/17	923	
	1 1 2 4 1 2 1 1 3 1 1 3 1 1 1 1 0 10	No. NSF 1 3,500 1 2,500 2 400 4 1 1 1,600 2 500 1 1,000 1 1,400 3 550 1 400 1 250	No. NSF Total Per Root 1 3,500 3,500 2,500 1 2,500 2,500 2,000 2 400 800 300 4 6,800 1 1,600 1,600 2 500 1,000 1,000 1,000 1 1,400 1,400 3 550 1,650 1 400 400 1 250 250 10 7,300 7,300 45 30,910 22 22 25,865 14 6,800 10 7,300 45 30,910 22 25,865 14 18,775 4 6,800 10 7,300	No. NSF Total Per Room Total 1 3,500 3,500 2,500 2,500 2,500 2,500 2,400 800 4 6,800 4 6,800 1 1,600 1,600 1,600 1,000 1,000 1,000 1,000 1,000 1,000 1,400 3,550 1,650 1 4,400 4,000 1 250 250 10 7,300 10 1,250 25,865 14 6,800 10 7,300 10 1,47,923 1,65	No. NSF Total Per Room Total Remarks 1 3,500 3,500 seating for 300 2 400 800 4 6,800

square feet



kcbA Architects

MIDDLE SCHOOL AT CLIFTON HEIGHTS







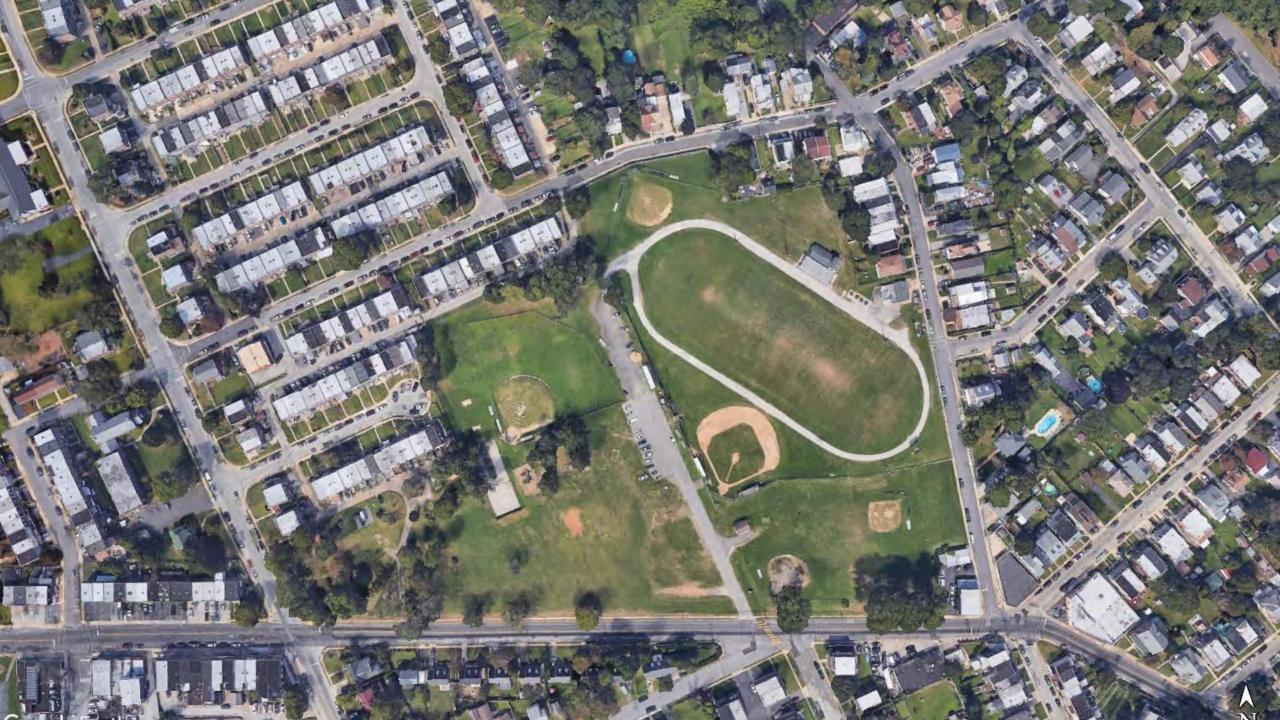


QUALITIES OF THE SITE:

Playfields for community use

- Athletics
- Children's playground
- Access to N Springfield Road
 - **Nestled within neighborhood**
- Goal to enhance an existing community asset



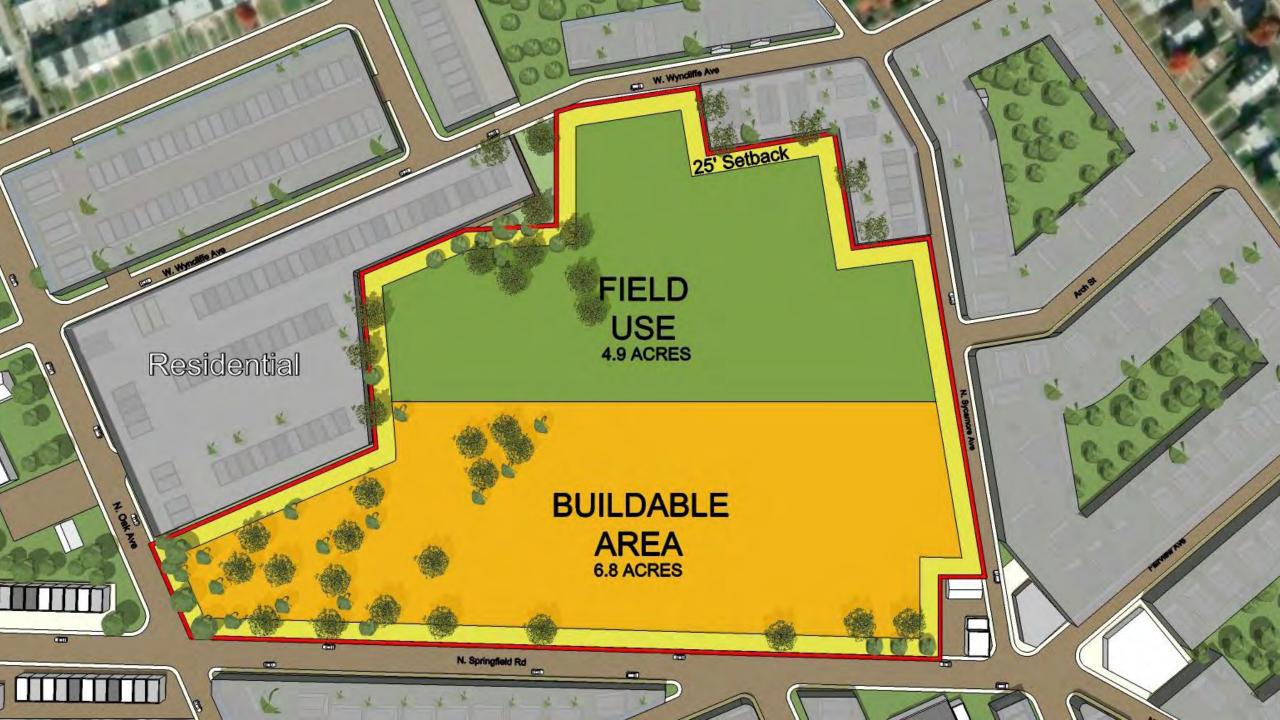


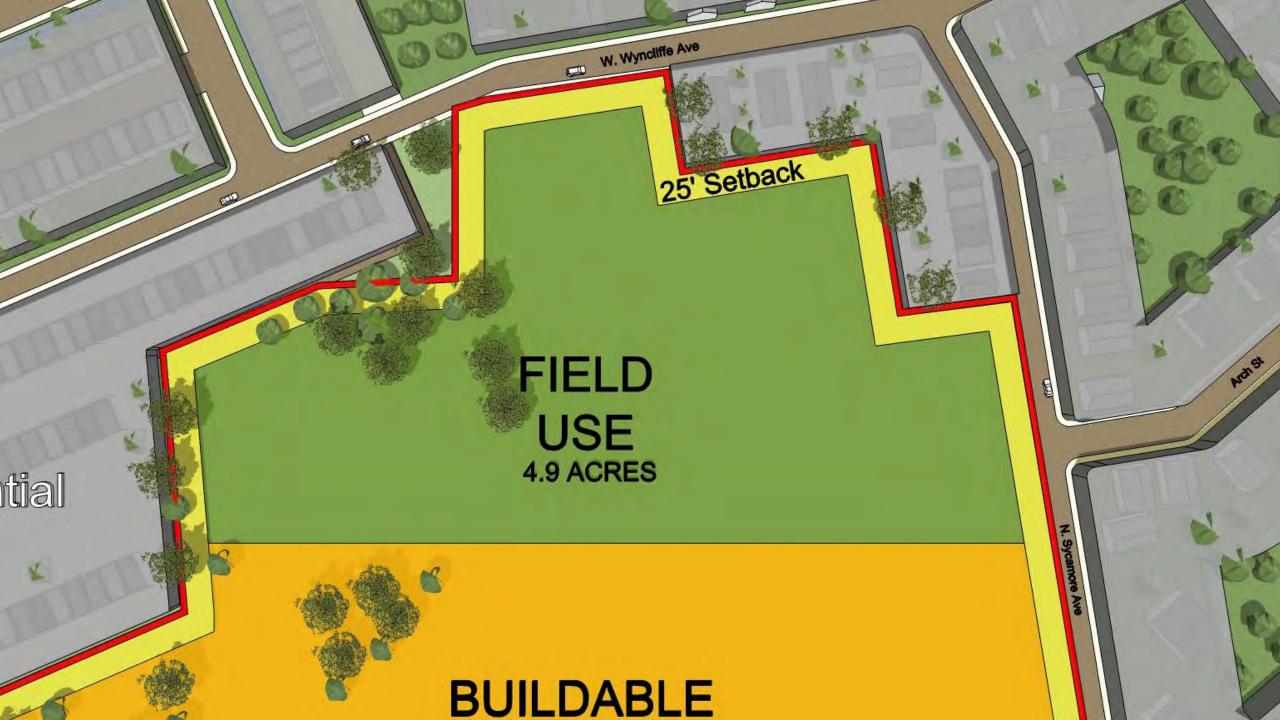




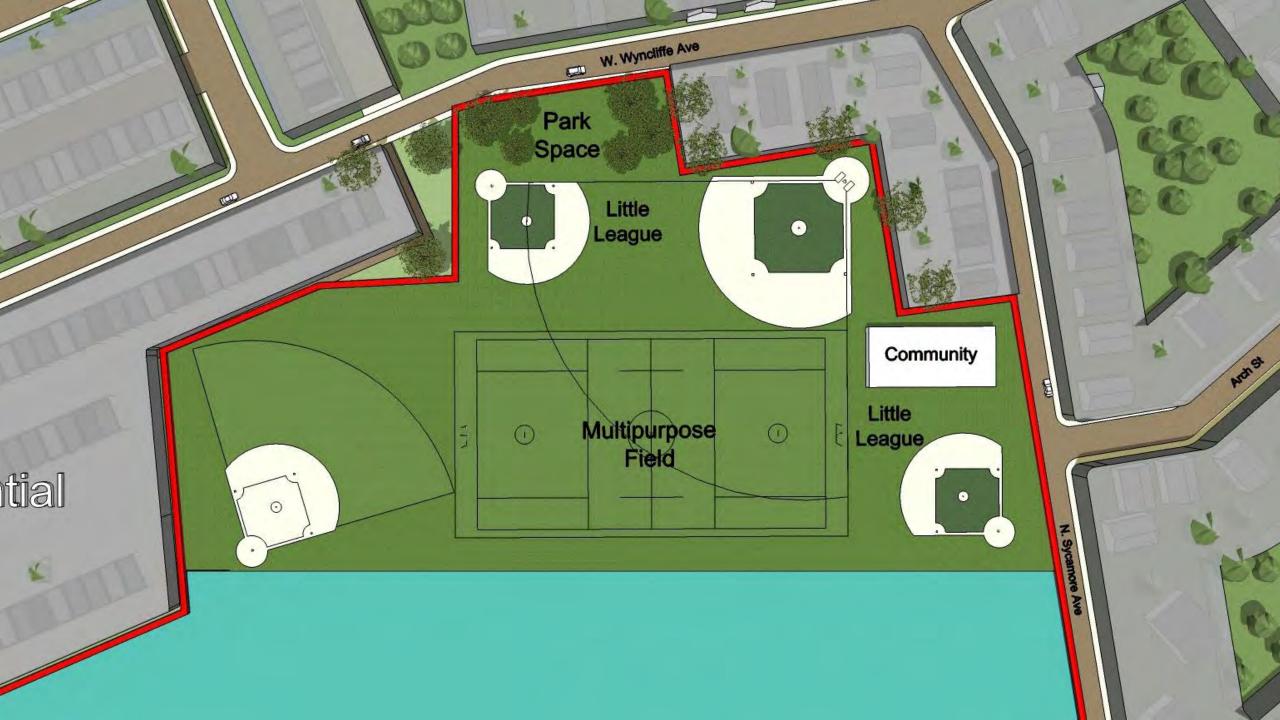


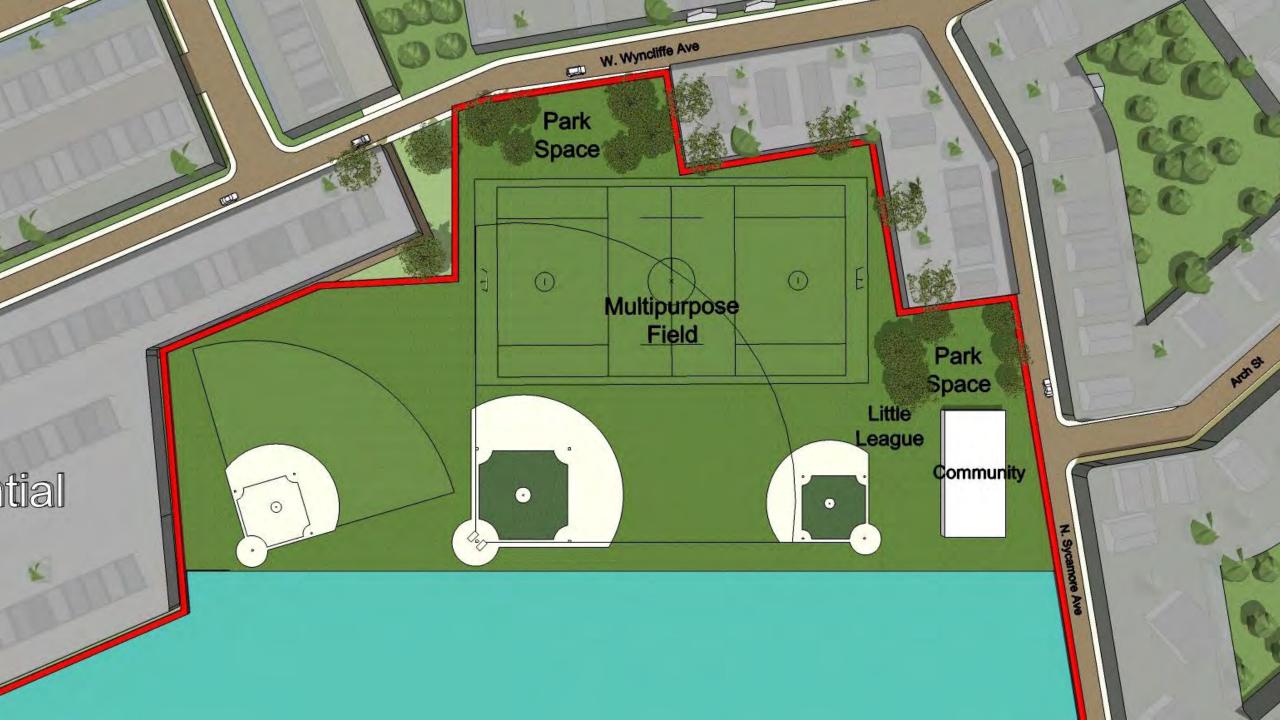


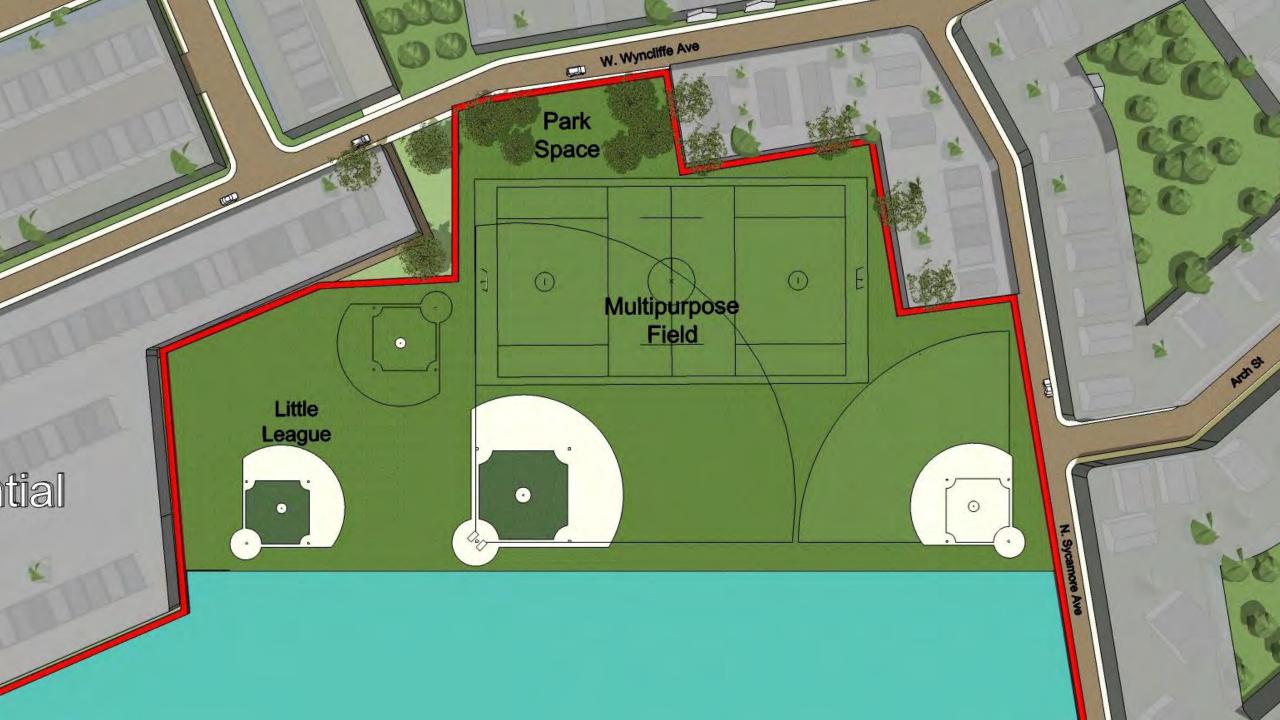


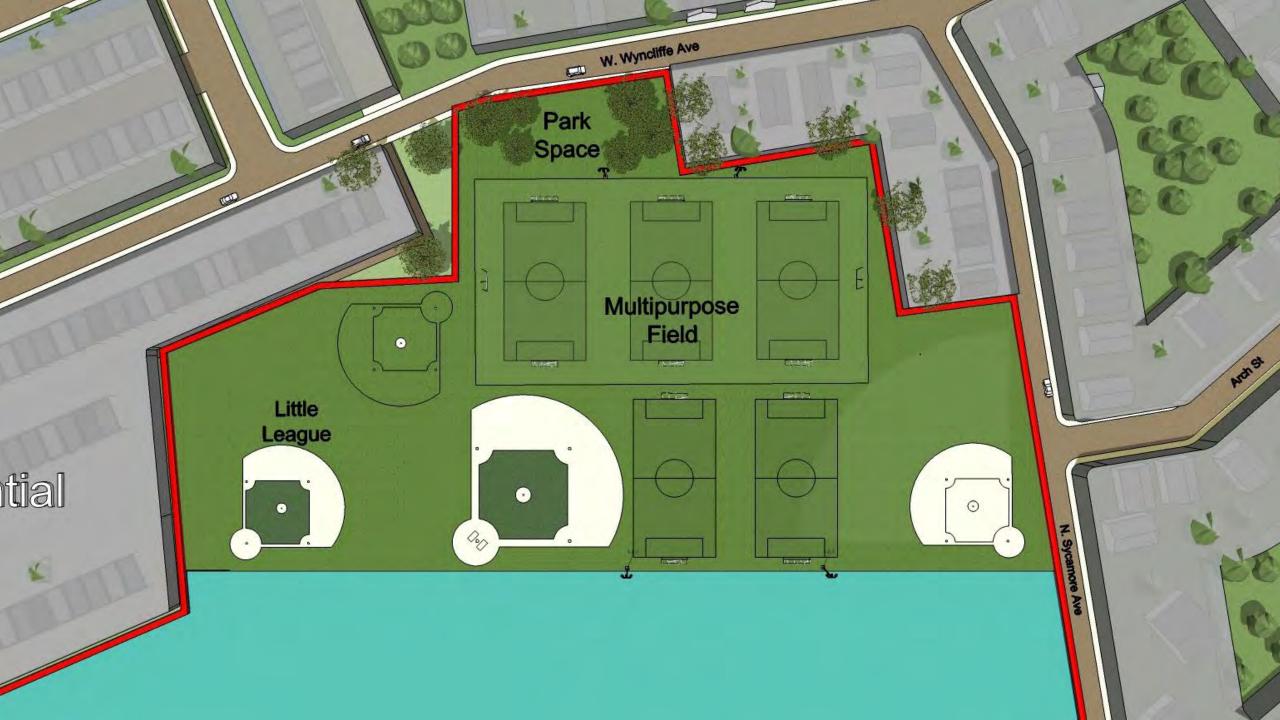


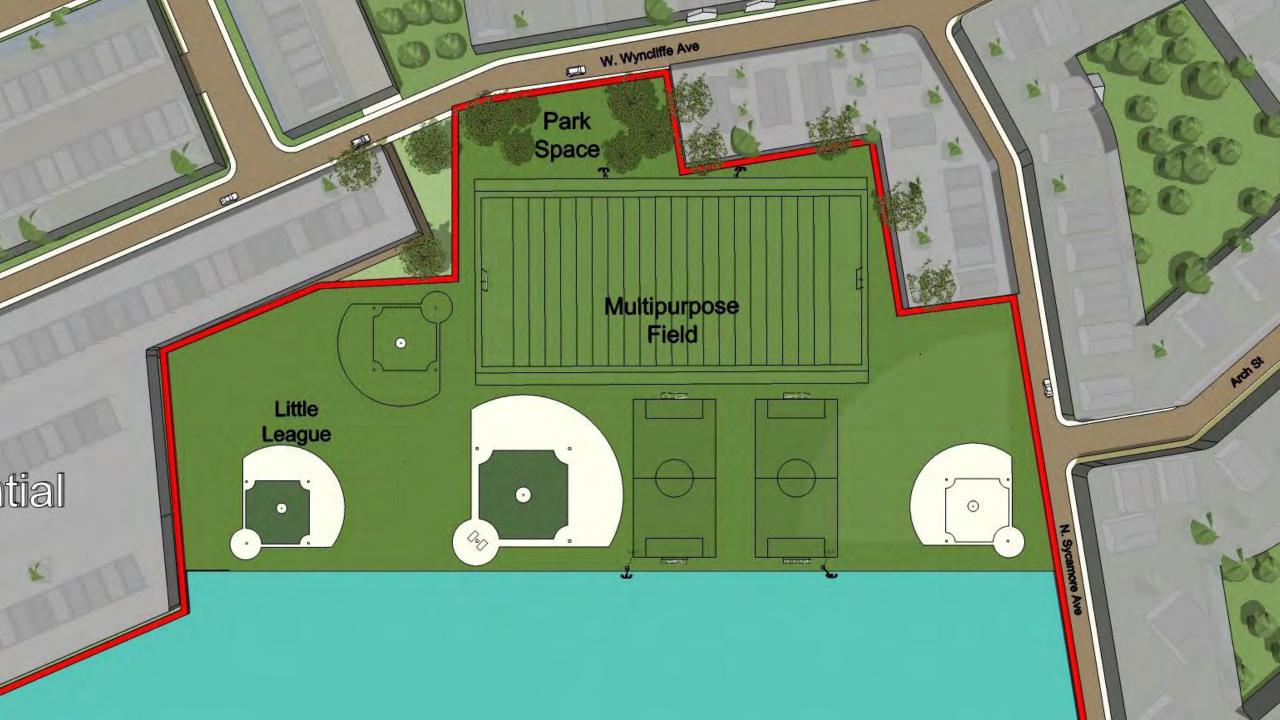


















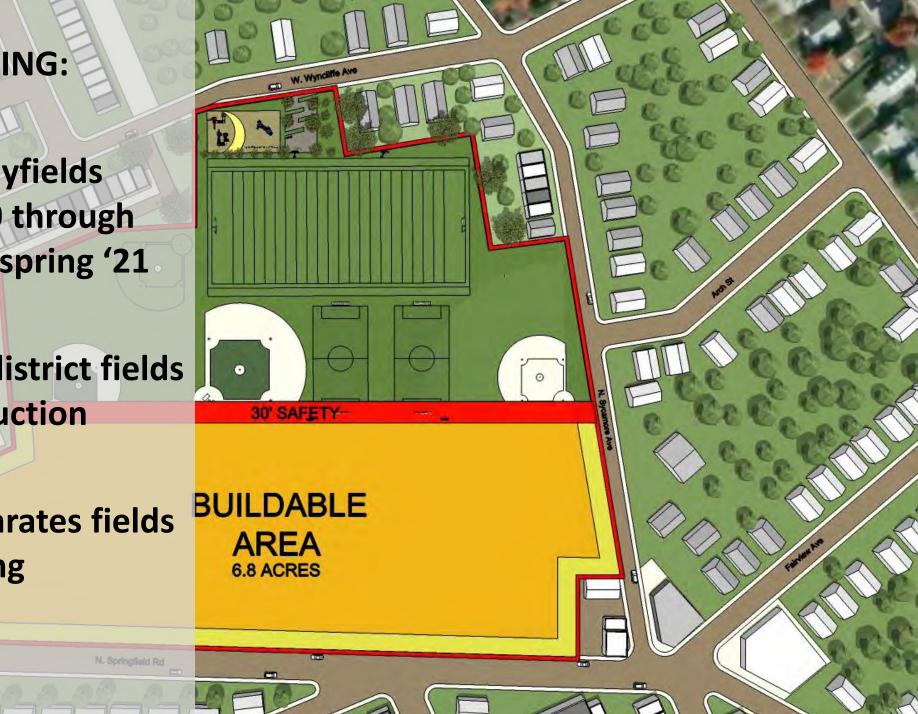


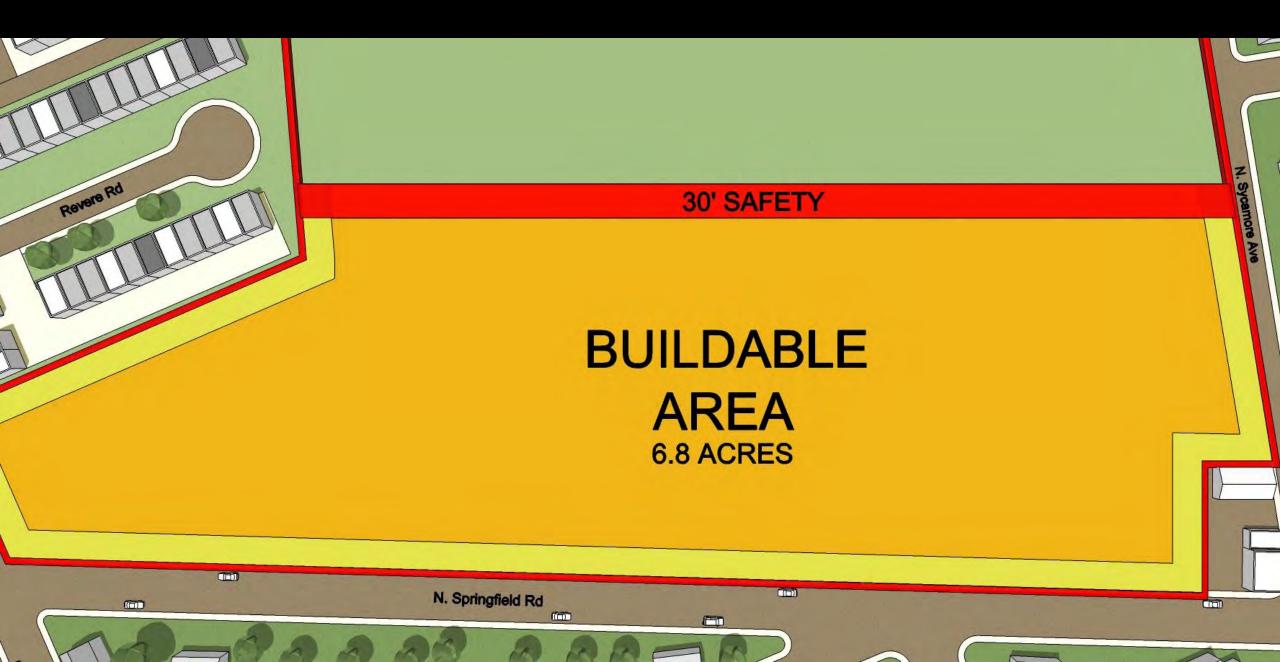
CONSTRUCTION PHASING:

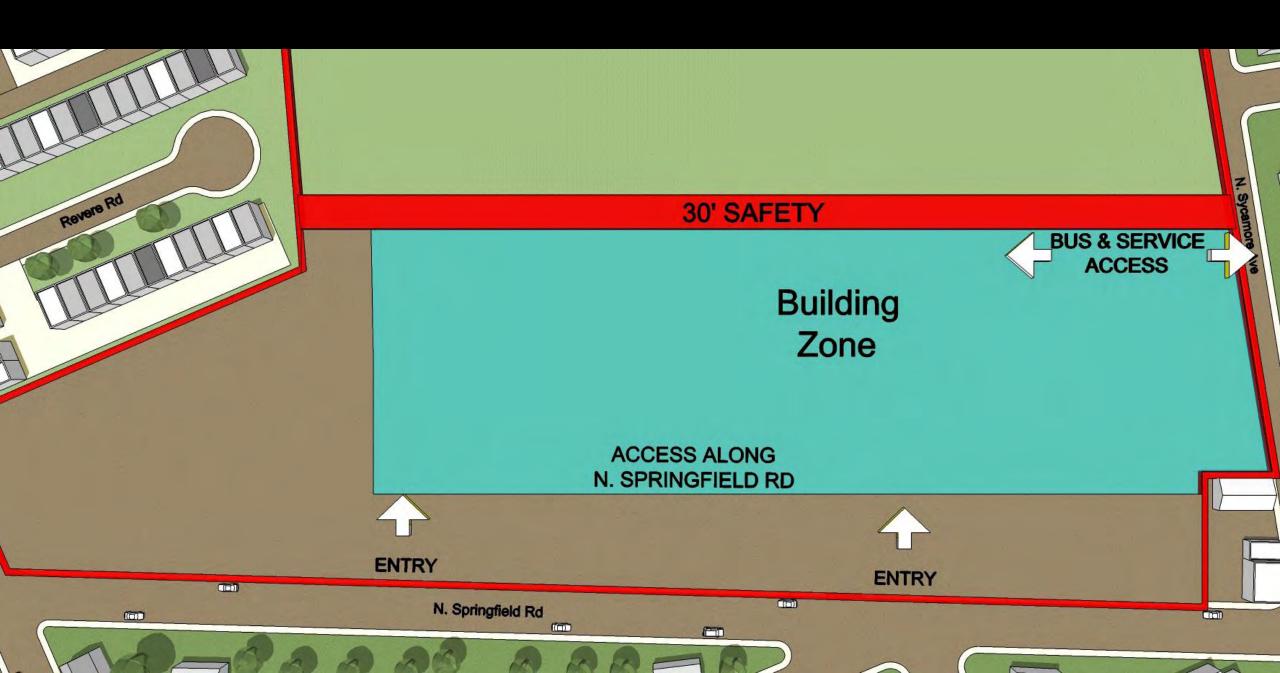
Construction of playfields from summer 2020 through winter 2021, open spring '21

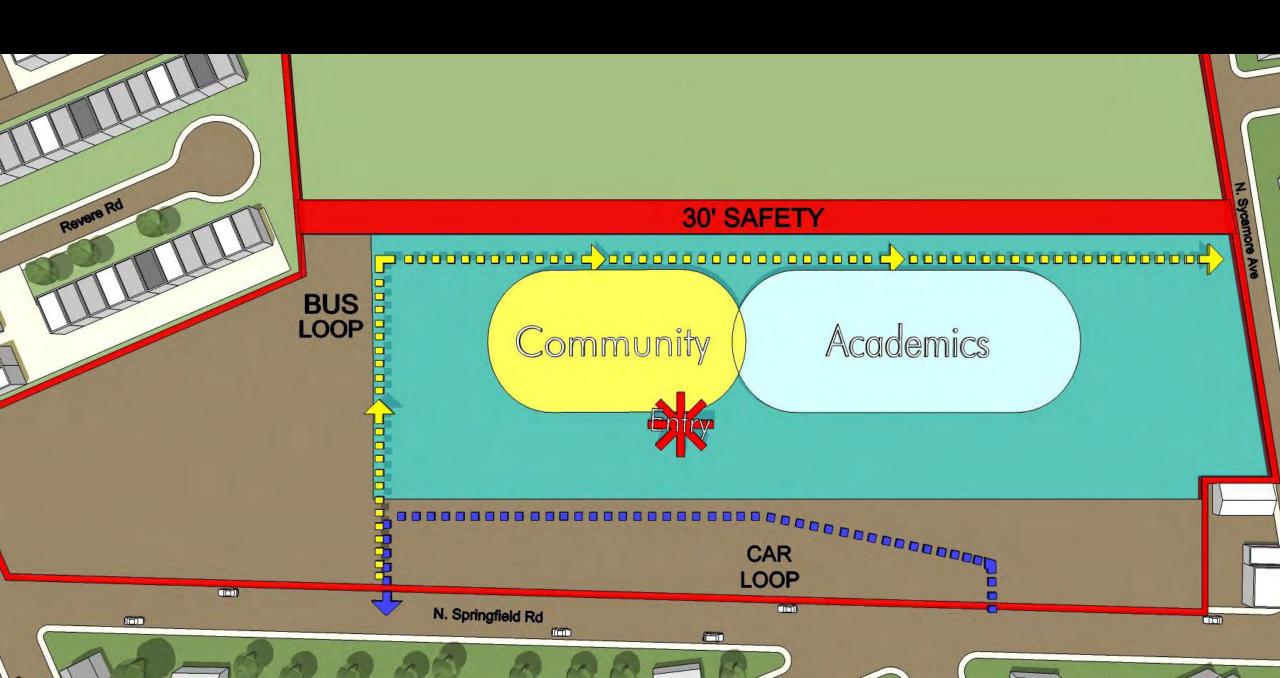
Programs play on district fields during field construction

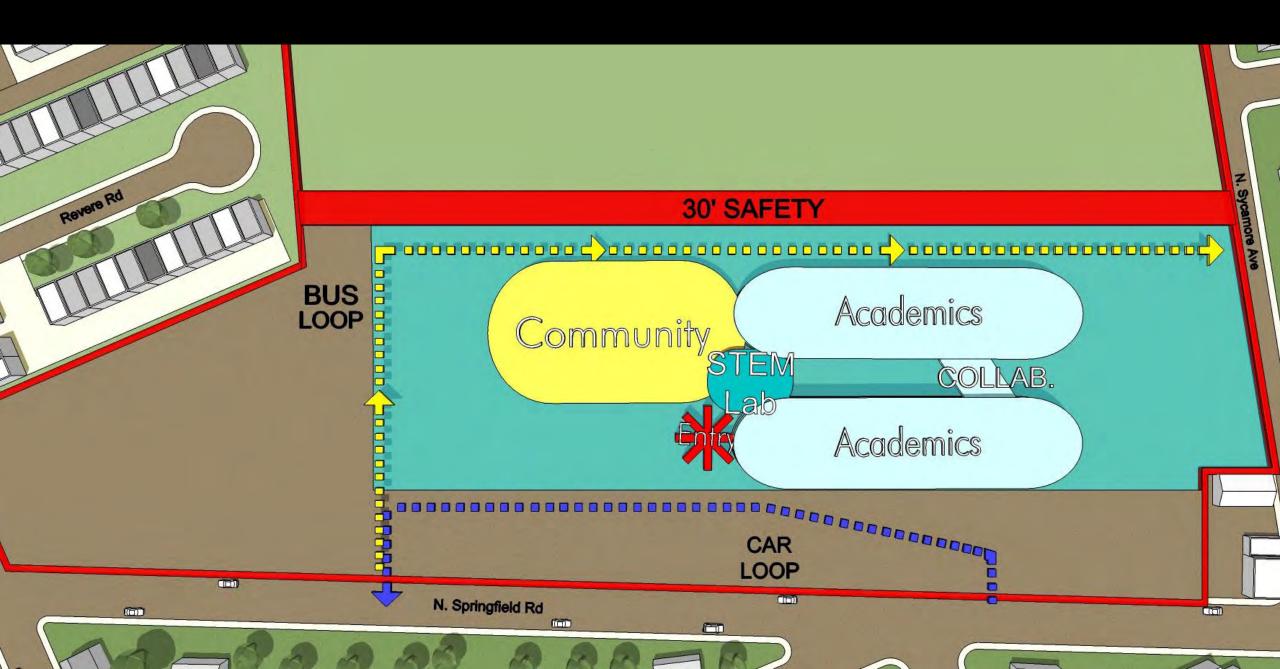
Safety fencing separates fields from building during construction

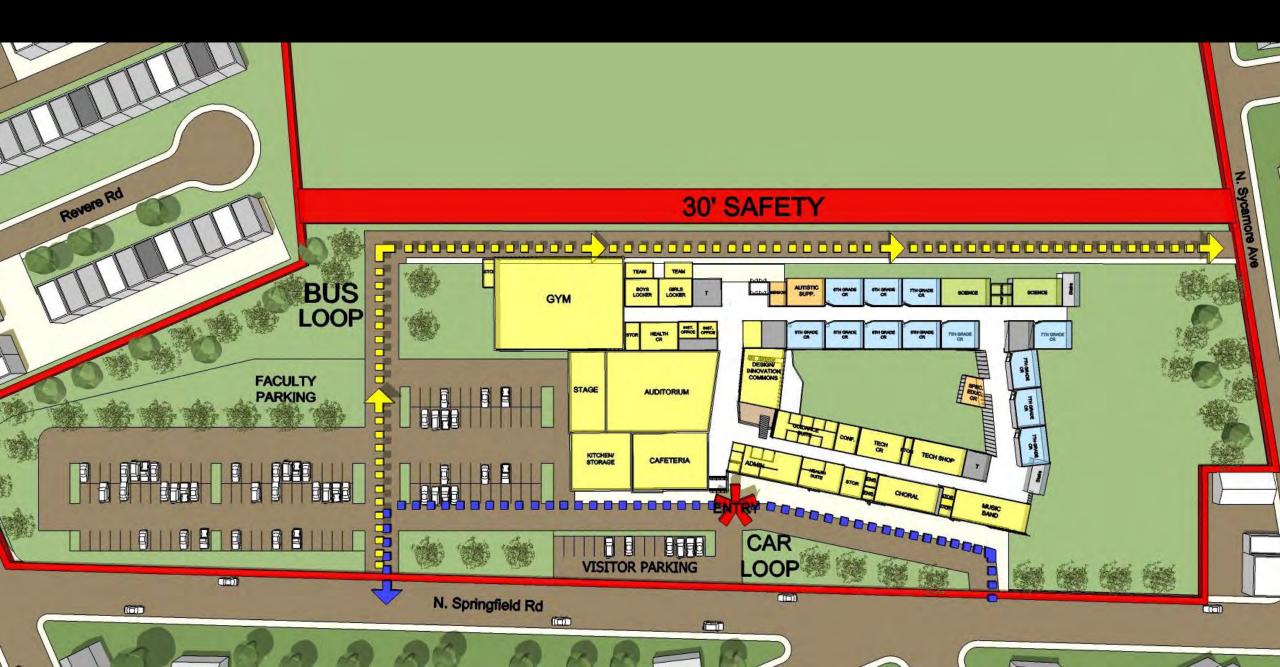




























MIDDLE SCHOOL PROJECT SCHEDULE

						IDDLE S								
ACTION	2019									See also	2020			
Action	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY
PRE-DESIGN PHASE	weakly	meetings												
Tour area middle schools with district Initiate land survey; site environmental/soils study Programming workshops; finalize design criteria Sustainability workshop/goals setting Schedule and budget analysis	Å													
SCHEMATIC DESIGN PHASE				weekly meetings										
Site and building concepts Conceptual educational layouts Safety/security design review Building systems cost/performance analysis Schedule and budget analysis First town hall meeting			Å	***	Ì									
DESIGN DEVELOPMENT PHASE							bi-weekt	meetings						
Detailed site and building layout Faculty and teacher end user meetings Coordinate with district administrative departments Interior fit-out classrooms/common spaces Safety/security design review Building systems selection Schedule and budget analysis Hold Act 34 hearing Second and third town hall meetings						Å		(X)						
CONSTRUCTION DOCUMENTS PHASE											E	i-weekly meeting	s illing	
Value engineering Constructability reviews BIM project documentation Review alternates and develop bidding strategy Safety/security design review Schedule and budget analysis Fourth and fifth town hall meetings										Å	¥X	X	**	1

A/E TEAM KCBA Architects Snyder Hoffman Associates Corsi Associates

UPPER DARBY

SCHOOL DISTRICT

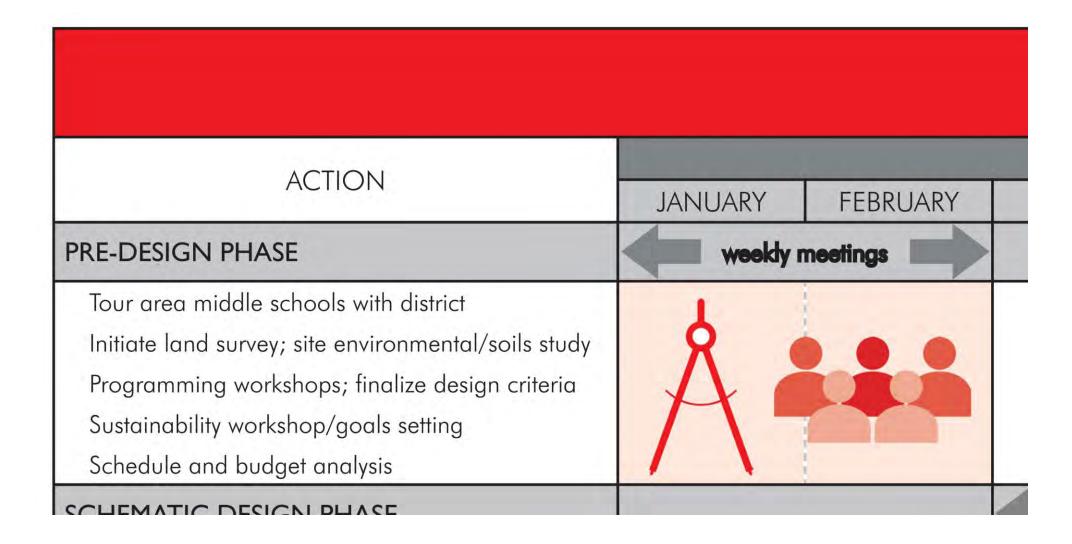


Dr. Daniel McGarry, Acting Superintendent Mr. Edward Marshaleck, Acting Asst. Superintendent Mr. Patrick Grant, Chief Financial Officer Mr. Joseph McGilvery, Supervisor of Facilities District Solicitor Other individuals identified by district

END USERS

Beverly Hills and Drexel Hill M.S. Principals Existing District M.S. Faculty and Teachers District Administrative Departments: Food Service, Transportation, IT, Security, Maintenance Existing District M.S. students COMMUNITY Clifton Heights Community







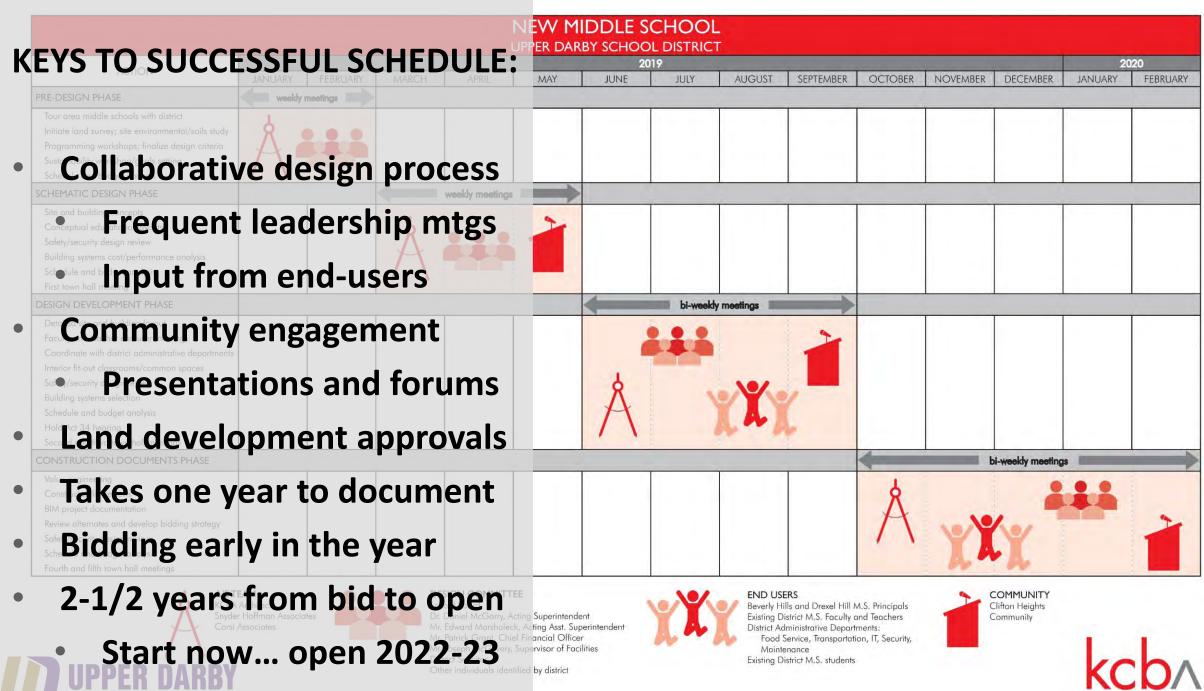


NEW MID

ACTION					
ACTION	JANUARY	FEBRUARY	MARCH	APRIL	MAY
PRE-DESIGN PHASE	weekly	meetings			
Tour area middle schools with district Initiate land survey; site environmental/soils study Programming workshops; finalize design criteria Sustainability workshop/goals setting Schedule and budget analysis	Å				
SCHEMATIC DESIGN PHASE				weekly meetings	
Site and building concepts Conceptual educational layouts Safety/security design review Building systems cost/performance analysis Schedule and budget analysis First town hall meeting			Å		

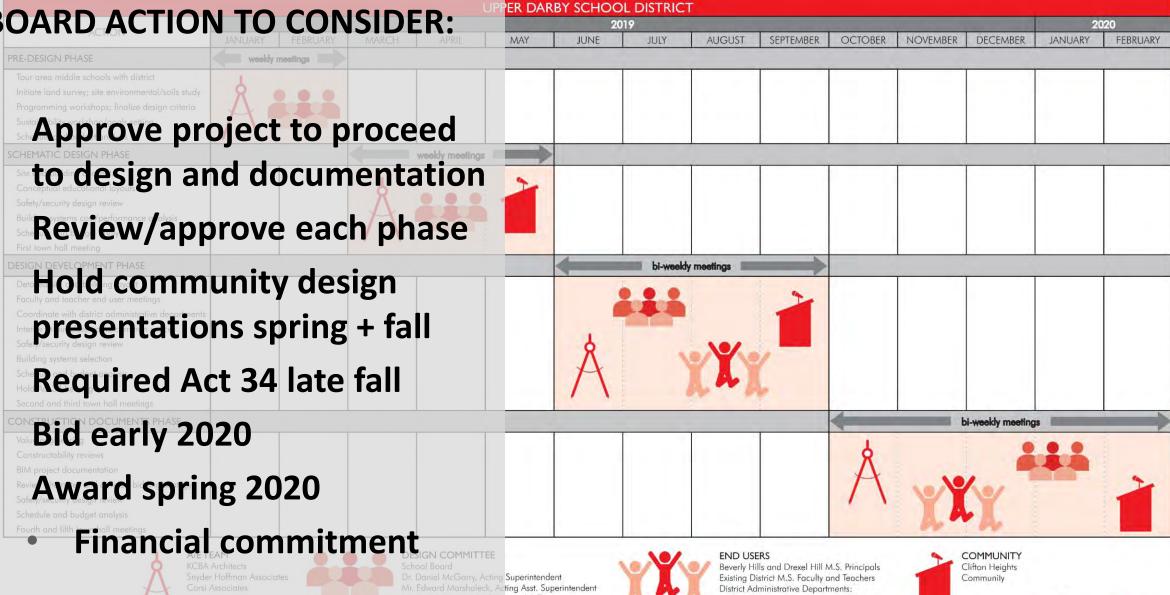






Architects

BOARD ACTION TO CONSIDER:



EW MIDDLE SCHOOL



Mr. Patrick Grant, Chief Financial Officer Mr. Joseph McGilvery, Supervisor of Facilities Other individuals identified by district

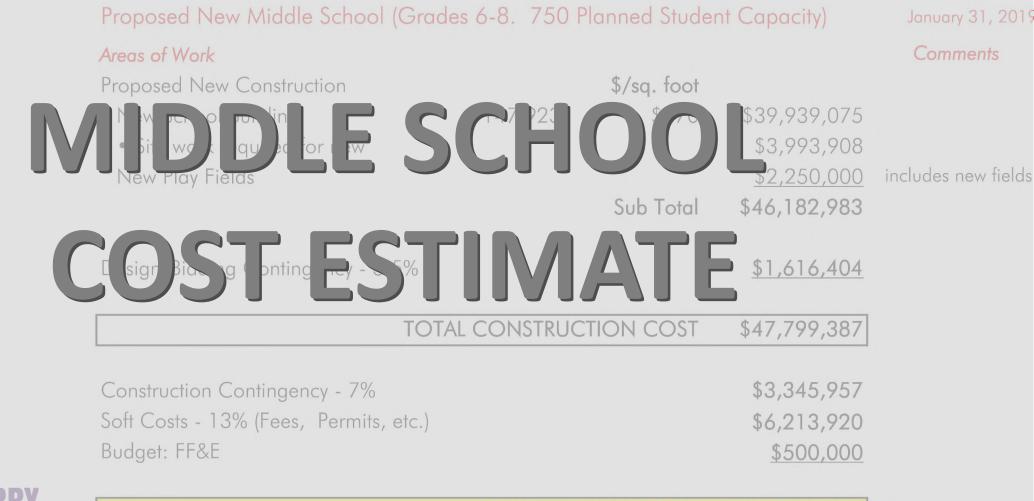


Food Service, Transportation, IT, Security Maintenance Existing District M.S. students



Upper Darby School District

Proposed Project Estimate





TOTAL PROJECT COST \$57,859,264

Upper Darby School District

Proposed Project Estimate

Proposed New Middle School (Grad	es 6-8.750 P	lanned Studer	nt Capacity)	January 31, 2019
Areas of Work				Comments
Proposed New Construction		\$/sq. foot		
New School Building	147,923	\$270	\$39,939,075	
 Site work required for new 			\$3,993,908	
New Play Fields			\$2,250,000	includes new fields
		Sub Total	\$46,182,983	
Design/Bidding Contingency - 3.5%			<u>\$1,616,404</u>	
TOT	al construc	TION COST	\$47,799,387	
Construction Contingency - 7%			\$3,345,957	
Soft Costs - 13% (Fees, Permits, etc.)			\$6,213,920	
Budget: FF&E			<u>\$500,000</u>	
	TOTAL PRC	JECT COST	\$57,859,264	

SCHOOL DISTRICT

		Uppe		nool District ed Project Estimate
Proposed New Middle School (Grade	es 6-8. 950 F	Planned Studer	nt Capacity)	January 31, 2019
Areas of Work				Comments
Proposed New Construction		\$/sq. foot		
New School Building	166,502	\$270	\$44,955,405	
 Site work required for new 			\$4,495,541	
New Play Fields			\$2,250,000	includes new fields
		Sub Total	\$51,700,946	
Design/Bidding Contingency - 3.5%			<u>\$1,809,533</u>	
TOTA	al construc	TION COST	\$53,510,479	
Construction Contingency - 7%			\$3,745,734	
Soft Costs - 13% (Fees, Permits, etc.)			\$6,956,362	
Budget: FF&E			<u>\$500,000</u>	
	TOTAL PRC	DJECT COST	\$64,712,574	



ELEMENTARY SCHOOL AT 69th STREET



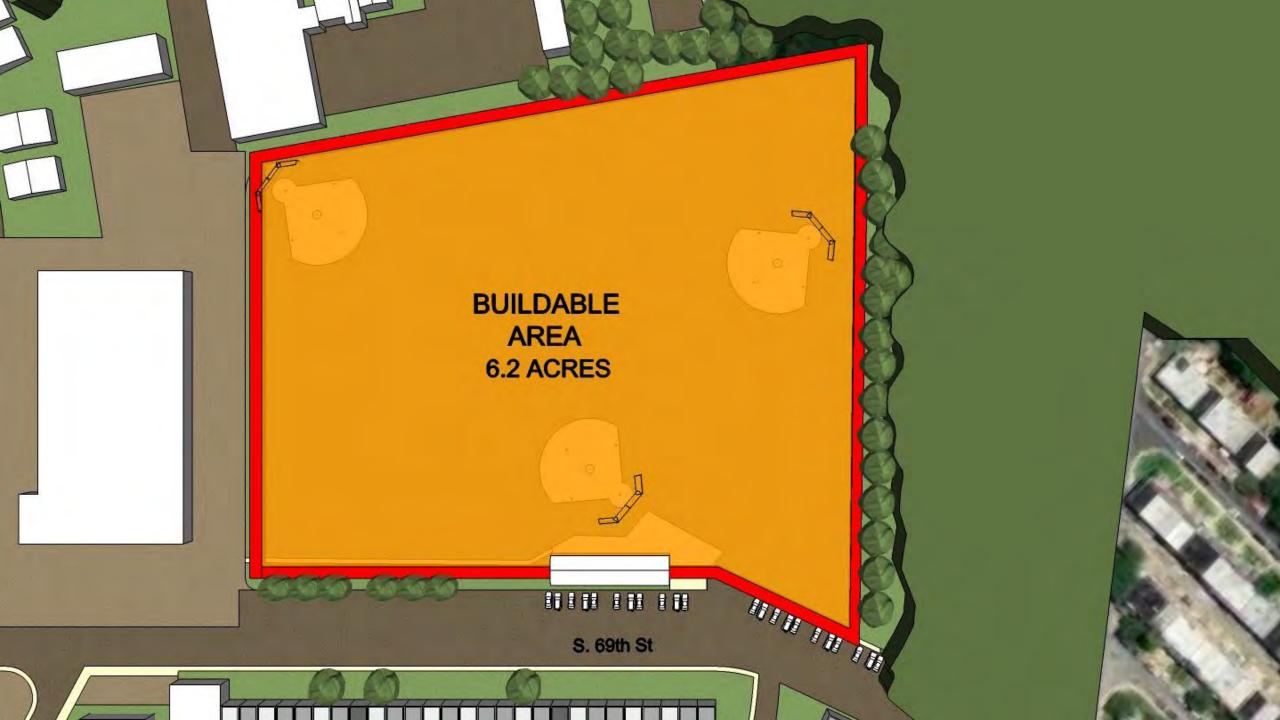


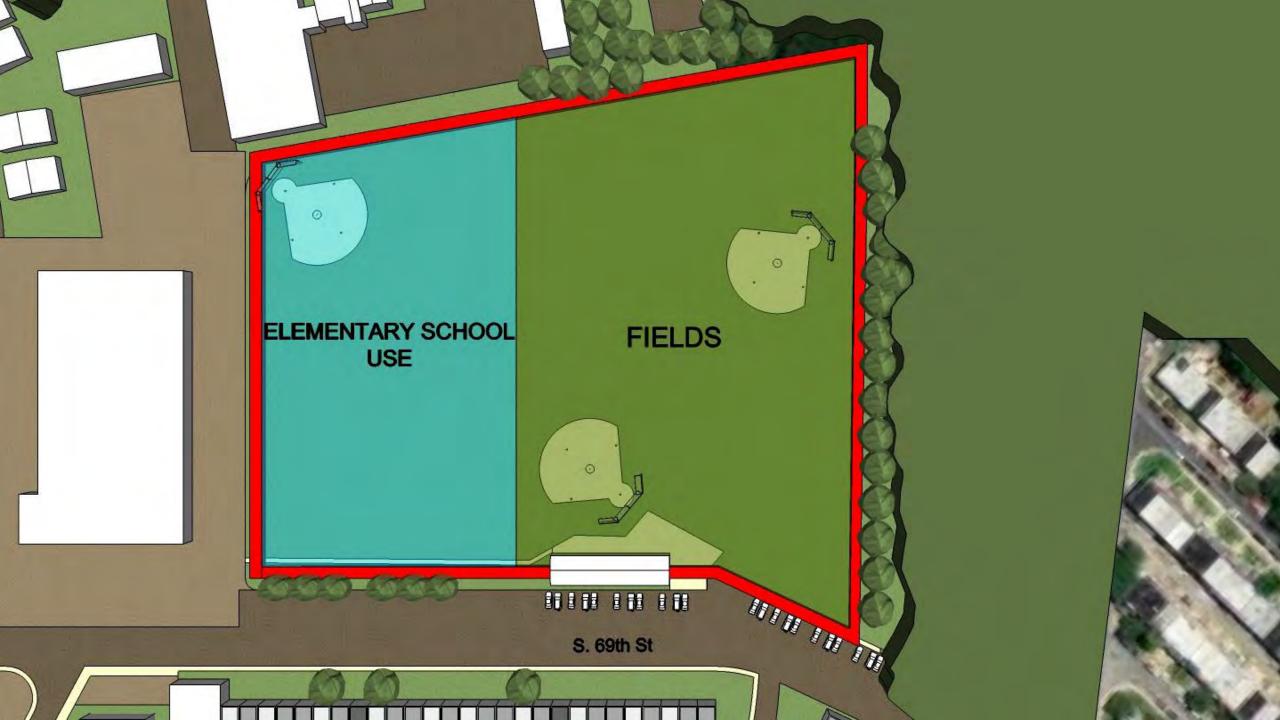


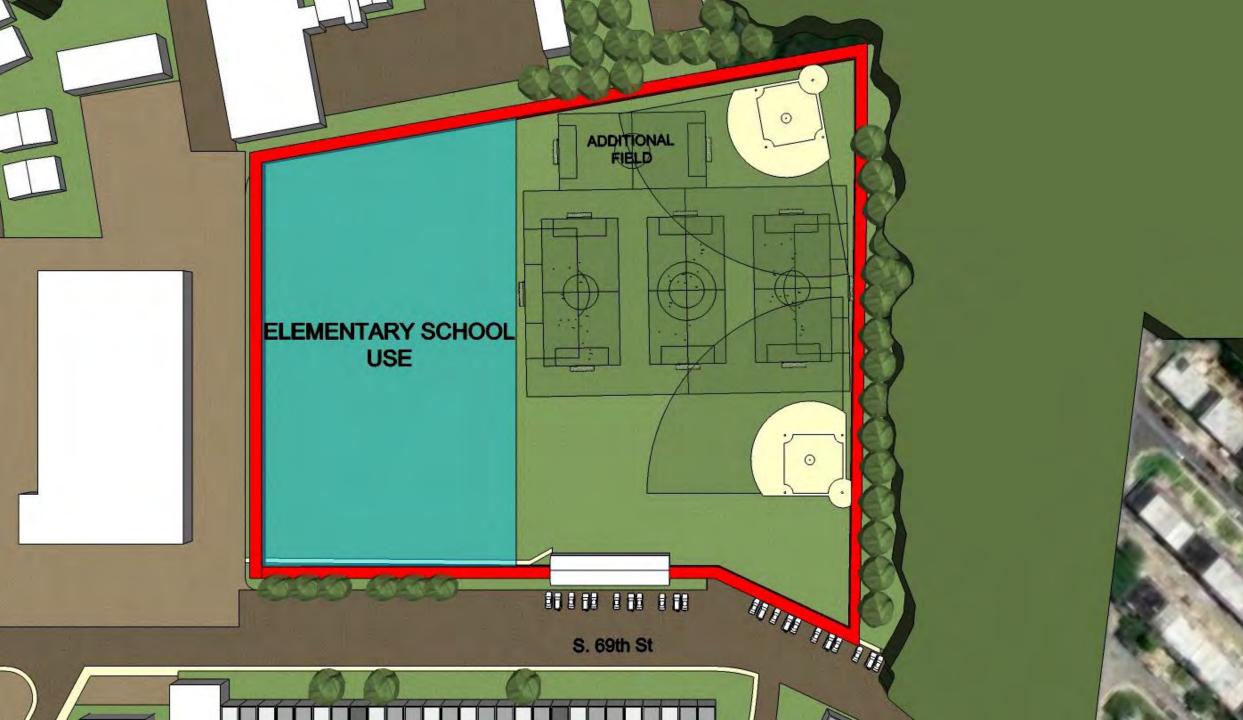






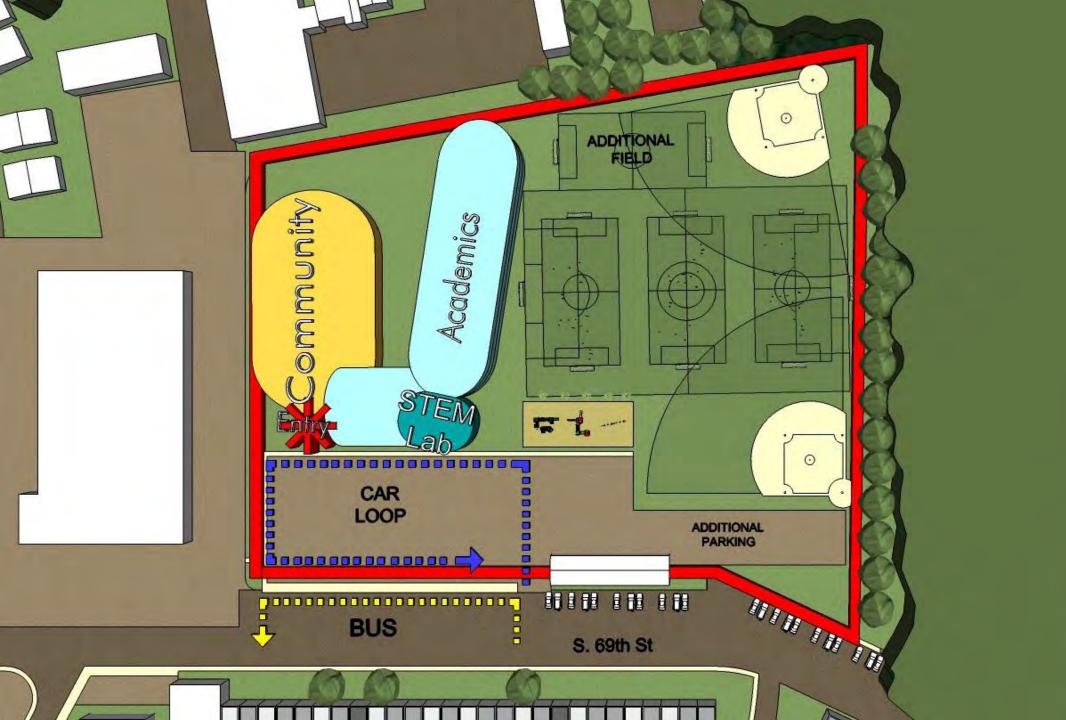




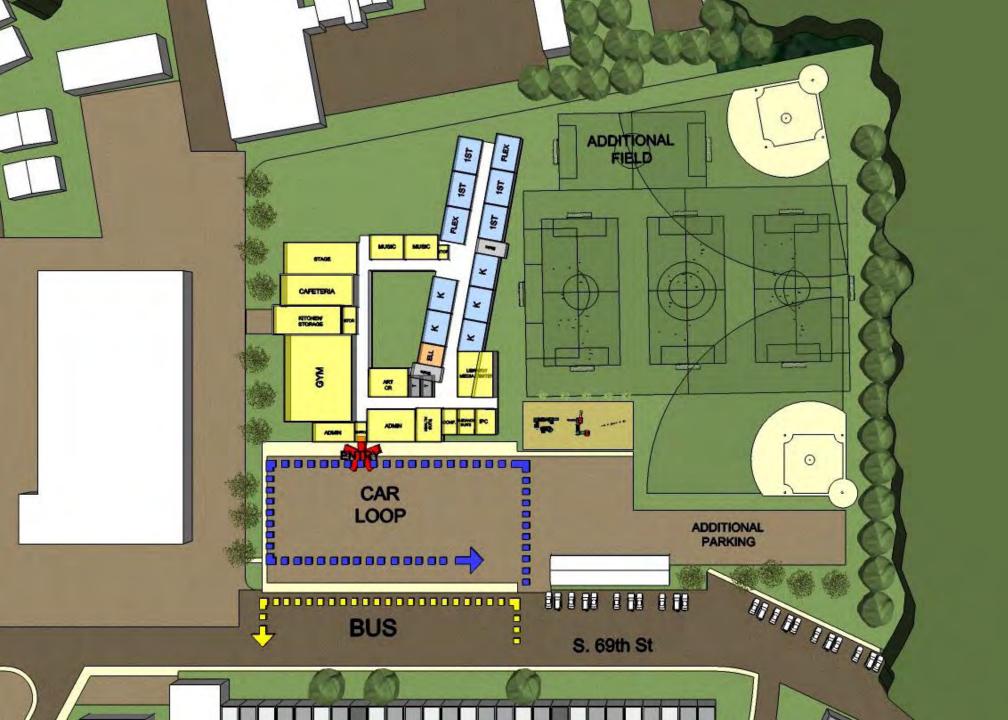


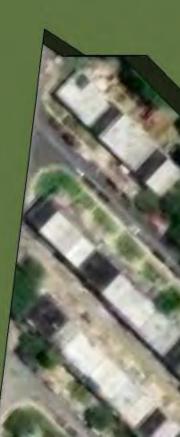




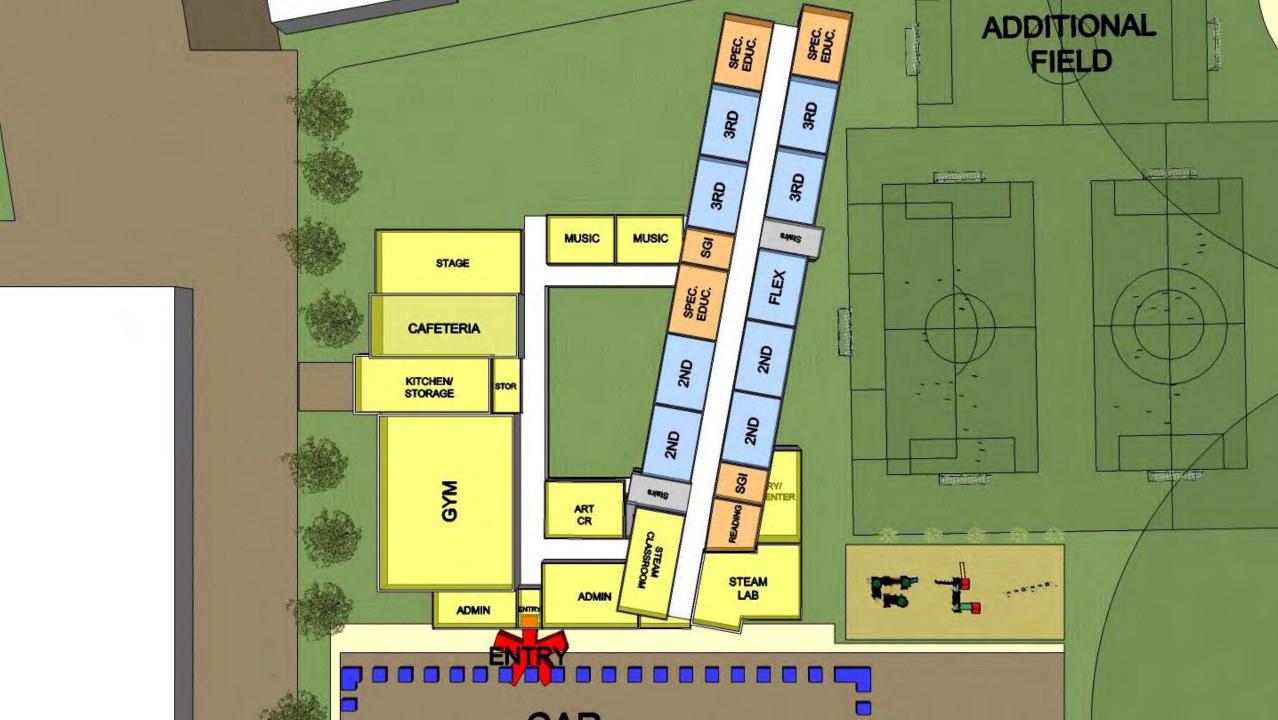




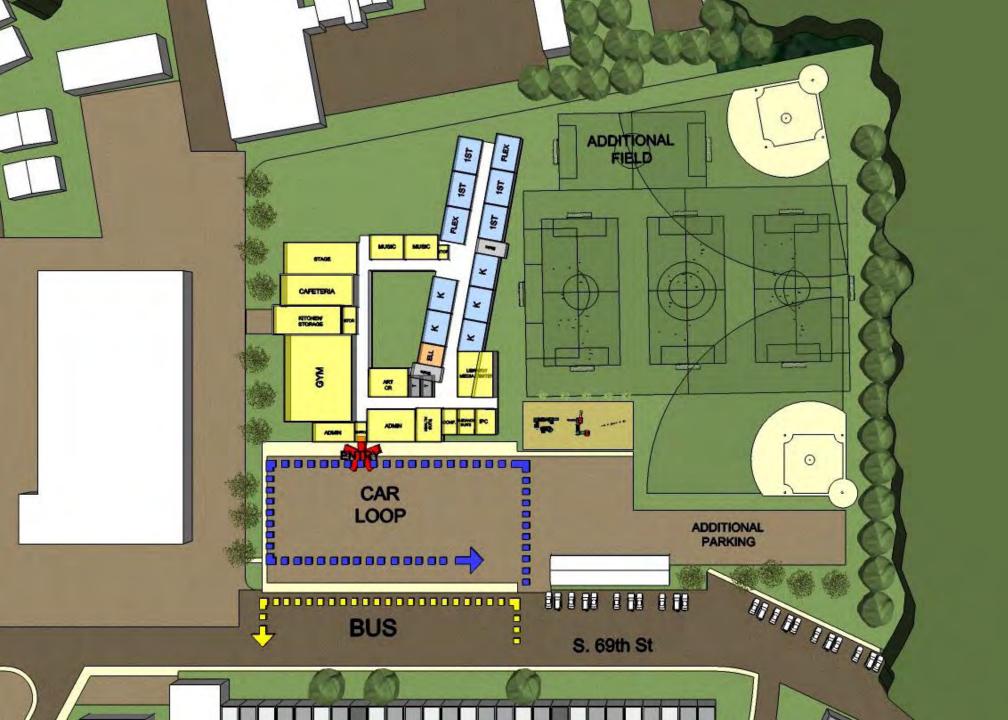


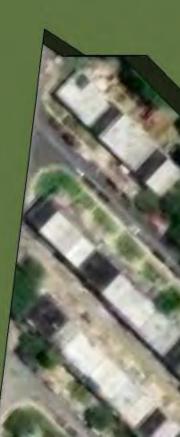












						Cap	acity	January 21, 2018	
	750 Student Capacity		No.	NSF		Per Room	Total	Remarks	
	ACADEMIC CENTER								
	Core Programs								
	Kindergarten		3	1,000	3,000	25	75	includes dedicated toilet room	
	First Grade		5	900	4,500	25	125	includes dedicated toilet room	
	Second Grade		5	850	4,250	25	125		
	Third Grade		5	850	4,250	25	125		
	Fourth Grade		5	850	4,250	25	125		
	Fifth France Concentration			0	50	25		<u> </u>	
	Sperucr p. Cl/ r ms		4		200	0			
	Auti Suppe C. Do		2		\square 00	0		lude a icate joi, voor	
	Speech and Language Classroom			550	550	0			
	ELL/Resource Instructors Lab		2	550	1,100	0	0		
	Reading Support		1	550	550	0	0		
EDI	Soull Coup Roo A 10 st lents Sull coup Roo A 10 st lents Sull coup Roo to stuc ts)		2	660 557 37		F		ROGR	MA
		Subtotal	43		34,260		700		
	STUDENT CAPACITY			-			700)
				200	200		0		
	Art Storage			200	200	0			ł
	General Music Classroom		1	900	900	0	0		
	Instrumental Music Classroom]	1,000	1,000	0	0		
	Music Storage		J	200	200	0	0		
	TECHNOLOGY CENTER								
	STEM Lab		1	1,600	1,600	0	0		
UPPE	STEM Classroom		1	1,200	1,200	0	0		
	Library/Media Center		1	1,800	1,800	0	0		KCDA
SCHOO	T.V. Instructional Studio		1	550	550	0	0		Architects

				Cap	acity	January 21, 2018
750 Student Capacity	No.	NSF	Total	Per Room	Total	Remarks
ACADEMIC CENTER						
Core Programs						
Kindergarten	3	1,000	3,000	25	75	includes dedicated toilet room
First Grade	5	900	4,500	25	125	includes dedicated toilet room
Second Grade	5	850	4,250	25	125	
Third Grade	5	850	4,250	25	125	
Fourth Grade	5	850	4,250	25	125	
Fifth Grade	5	850	4,250	25	125	
Special Education Classrooms	4	850	3,400	0	0	
Autistic Support Classrooms	2	900	1,800	0	0	includes dedicated toilet room
Speech and Language Classroom	1	550	550	0	0	
ELL/Resource Instructors Lab	2	550	1,100	0	0	
Reading Support	1	550	550	0	0	
Small Group Room (12-15 students)	1	660	660	0	0	
Small Group Room (8 - 10 students)	2	550	1,100	0	0	
Small Group Room (3-4 students)	2	300	600	0	0	
Large Group Room	0	1,200	0	0	0	
Subtotal	43		34,260		700	
STUDENT CAPACITY				1	700	
ADDITIONAL EDUCATIONAL SPACES ART AND MUSIC CENTER						
General Art Classroom	1	1,200	1,200	0	0	
Art Storage	1	200	200	0	0	
General Music Classroom	1	900	900	0	0	
Instrumental Music Classroom	1	1,000	1,000	0	0	
Music Storage	1	200	200	0	0	
TECHNOLOGY CENTER						
STEM Lab	1	1,600	1,600	0	0	
STEM Classroom	1	1,200	1,200	0	0	
Library/Media Center	1	1,800	1,800	0	0	
T.V. Instructional Studio	1	550	550	0	0	

Architects



				Cap	acity	January 21, 201
750 Student Capacity	No.	NSF	Total	Per Room	Total	Remarks
ACADEMIC CENTER						
Core Programs						
Kindergarten	3	1,000	3,000	25	75	includes dedicated toilet room
First Grade	5	900	4,500	25	125	includes dedicated toilet room
Second Grade	5	850	4,250	25	125	
Third Grade	5	850	4,250	25	125	
Fourth Grade	5	850	4,250	25	125	
Fifth Grade	5	850	4,250	25	125	
Special Education Classrooms	4	850	3,400	0	0	
	2	900	1,800	0	0	includes dedicated toilet room
Autistic Support Classrooms	1	550	550	0	0	Includes dedicated toilet room
Speech and Language Classroom						
ELL/Resource Instructors Lab	2	550	1,100	0	0	
Reading Support	1	550	550	0	0	
Small Group Room (12-15 students)	1	660	660	0	0	
Small Group Room (8 - 10 students)	2	550	1,100	0	0	
Small Group Room (3-4 students)	2	300	600	0	0	
Large Group Room	0	1,200	0	0	0	
Subtotal	43		34,260		700	
STUDENT CAPACITY	The second second				700	
ADDITIONAL EDUCATIONAL SPACES ART AND MUSIC CENTER						
General Art Classroom	1	1,200	1,200	0	0	
Art Storage	1	200	200	0	0	
General Music Classroom	1	900 1,000	900 1,000	0	0	
Instrumental Music Classroom Music Storage	j.	200	200	0	0	
TECHNOLOGY CENTER						
STEM Lab	1	1,600	1,600	0	0	
STEM Classroom	1	1,200	1,200	0	0	0
Library/Media Center	1	1,800	1,800	0	0	
T.V. Instructional Studio	1	550	550	0	0	
SCHOOL COMMONS						
Gymnasium	1	6,000	6,000	0	0	
Boys Toilet Room	1	300	300	0	0	
Girls Toilet Room	1	300 400	300 400	0	0	
Gymnasium Storage Stage	1	400	400	0	0	
Cafeteria	1	3,000	3,000	0	0	
SCHOOL ADMINISTRATION						
Building Administration	1	2,100	2,100	0	0	includes offices and conference room
	1	200	200	0	0	-
		900	900	0	0	<u></u>
Health Suite	1	150				
Health Suite Building Guidance	1	450	450	0		
Health Suite Building Guidance Faculty Dining Room	1 1	365	365	0	0	
Secure Entrance Health Suite Building Guidance Faculty Dining Room Faculty Workroom/Planning Conference Room	1					



ACADEMIC TOTAL ADDITIONAL EDUCATIONAL ADMINISTRATION TOTAL	43 16 8	34,260 22,150 5,215	700	CAPACITY	98,600
BUILDING NET TOTAL BUILDING GROSS TOTAL GROSSING FACTOR		61,625 98,600 1.60	>		square feet



Proposed New Elementary School (C Capacity)	Frades K-5. 7	50 Planned Stu	udent	
Areas of Work				Comments
Proposed New Construction		\$/sq. foot		
New School Building	98,600	\$265	\$26,129,000	
 Site work required for new 			\$2,612,900	
New Play Fields			\$1,000,000	natural play fields
		Sub Total	\$29,741,900	
Design/Bidding Contingency - 3.5%	<u>\$1,040,967</u>			
TOTA	AL CONSTRUC	TION COST	\$30,782,867	
Construction Contingency - 7%			\$2,154,801	
Soft Costs - 13% (Fees, Permits, etc.)			\$4,001,773	
Budget: FF&E			<u>\$500,000</u>	
	TOTAL PRO	DJECT COST	\$37,439,440	

Summary of Option

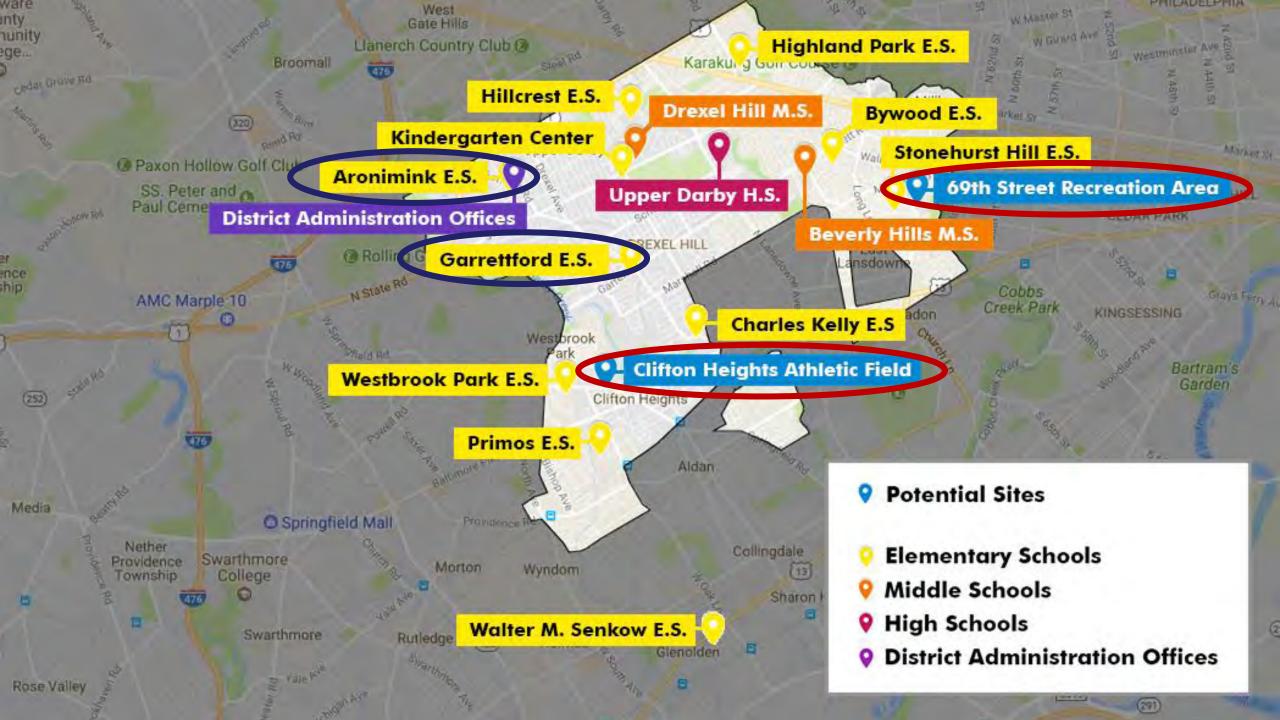
A new elementary school at the 69th street recreation area would serve a capacity of 750 students along with several special education instructional spaces. Two rooms dedicated to autistic support are included along with classrooms for speech and reading support. To enhance the school district's STEAM initiatives, a STEM lab and a STEM classroom are included along with a media center, two rooms for music, and an art studio.

Both the gymnasium and cafeteria are located in an area of the school where community use could occur afterhours or on weekends and be securely separated from the academic classrooms of the building. Playfields and a playground will be included to serve the school children as well as children throughout the community.









Project	Cost	Comments	
New Middle School	\$57,859,264	750 students, 2 gyms, Auditorium	
New 69 th Street Elementary	\$37,439,440	750 student capacity	
Renovate + Add to Garrettford	\$20,070,955	6 classroom addition	
Renovate + Add to Aronimink	\$24,325,168	12 classroom addition + gym	
TOTAL	\$139,694,827	Potentially over 5 years	

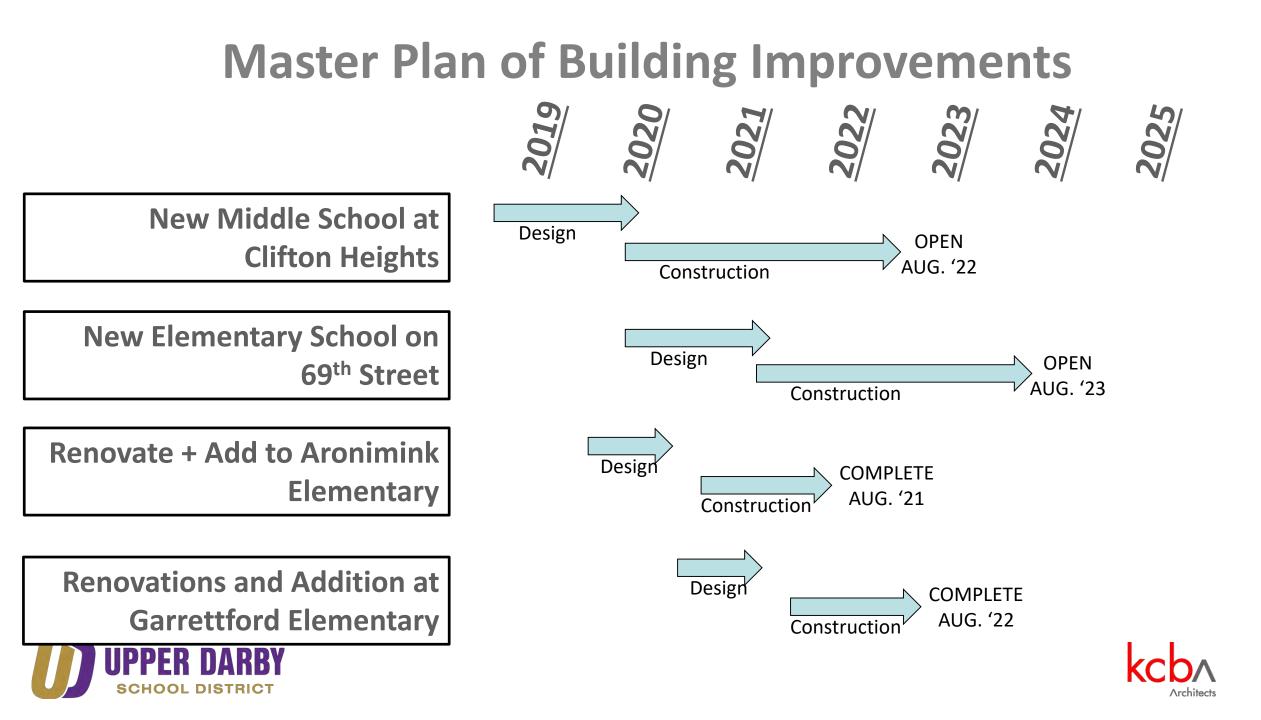


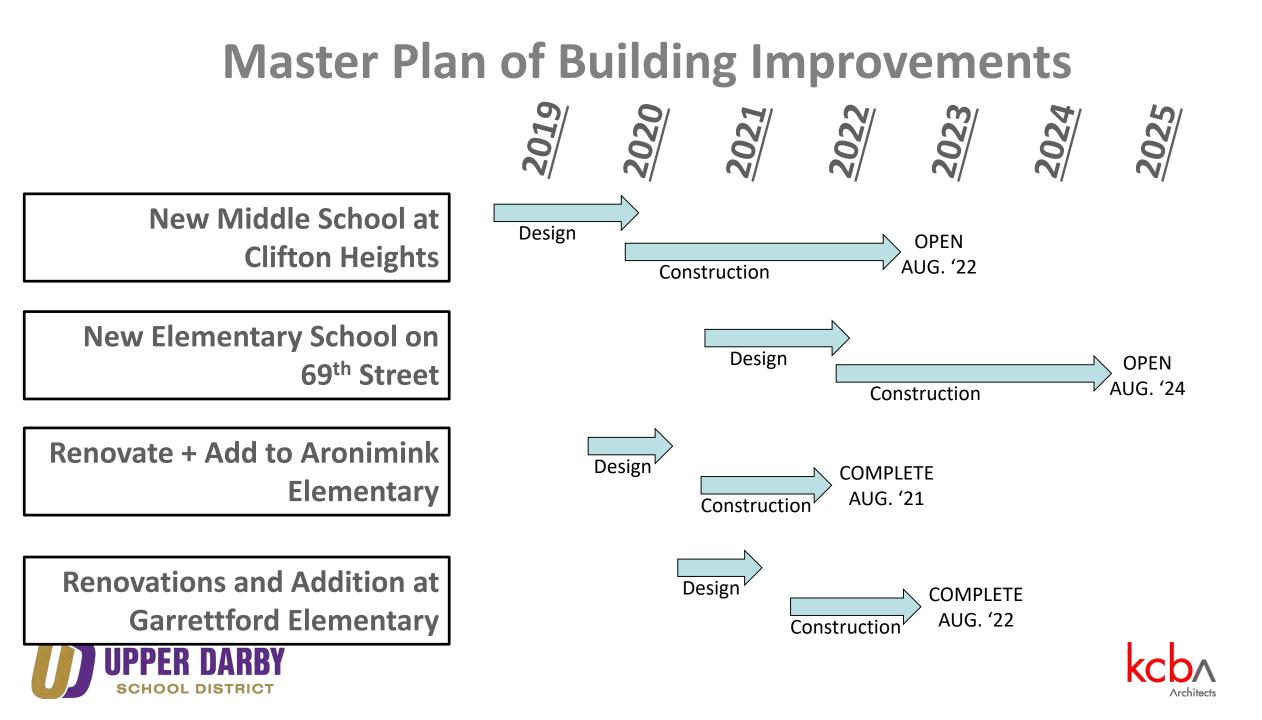


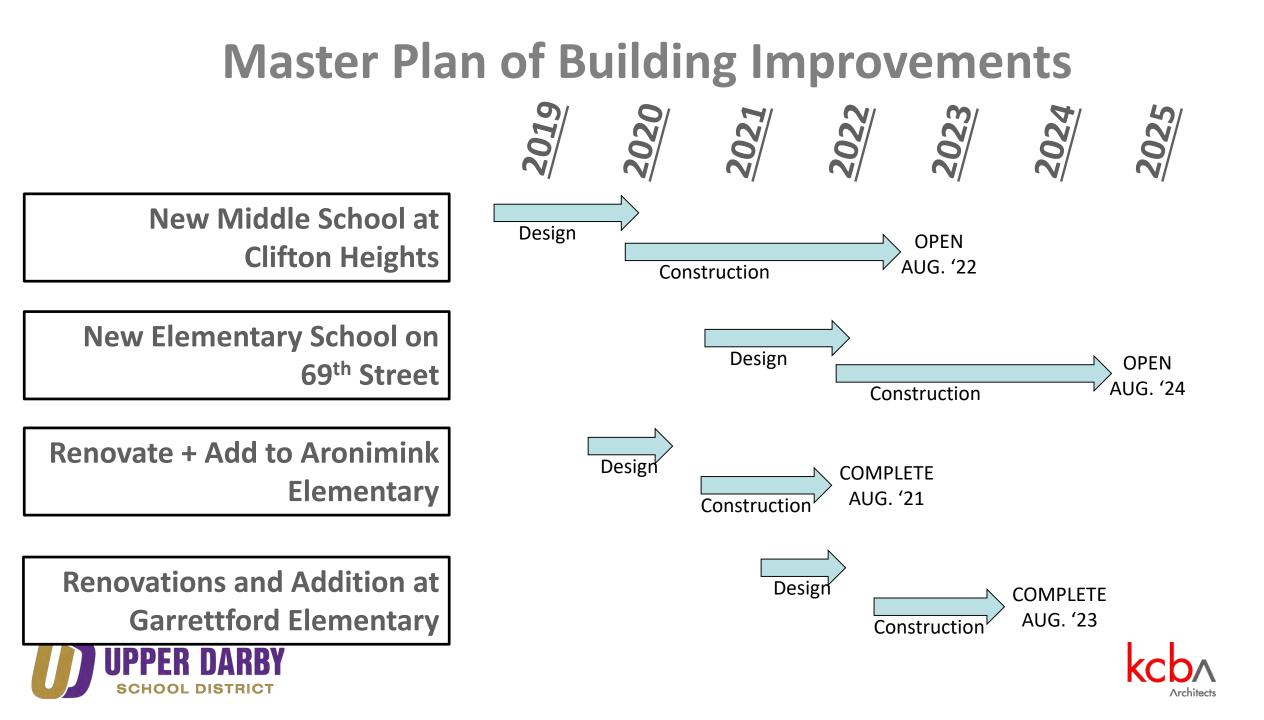
Project	Cost	Comments	
New Middle School	\$64,712,574	950 students, 2 gyms, Auditorium	
New 69 th Street Elementary	\$37,439,440	750 student capacity	
Renovate + Add to Garrettford	\$20,070,955	6 classroom addition	
Renovate + Add to Aronimink	\$24,325,168	12 classroom addition + gym	
TOTAL	<u>\$146,548,137</u>	Potentially over 5 years	











Estimated payment schedule over five years

2019 – Design and document New Middle School	\$2,500,000
 Design and document Aronimink reno+add 	<u>\$1,200,000</u>
TOTAL 2019	\$3,700,000

2020 – 1/3 cost of New Middle School

- 1/2 cost of Aronimink reno+add
- Design and document New Elementary School
- Design and document Garrettford reno + add TOTAL 2020

\$20,737,525 \$11,562,584 \$2,000,000 <u>\$1,000,000</u> \$35,300,109





Estimated payment schedule over five years

2021 – 1/3 cost of New Middle School	\$20,737,525
– 1/2 cost of Aronimink reno+add	\$11,562,584
- 1/3 cost of New Elementary School	\$11,813,147
– 1/2 cost of Garrettford reno + add	\$9,535,478
TOTAL 2021	\$53,648,733
2022 – 1/3 cost of New Middle School	\$20,737,525
- 1/3 cost of New Elementary School	\$11,813,147
– 1/2 cost of Garrettford reno + add	\$9,535,478
TOTAL 2022	\$42,086,149





Estimated payment schedule over five years

2023 – 1/3 cost of new elementary school	<u>\$11,813,147</u>
TOTAL 2023	\$11,813,147

2019	\$3,700,000
2020	\$35,300,109
2021	\$53,648,733
2022	\$42,086,149
2023	<u>\$11,813,147</u>
TOTAL OVER 5 YEARS	\$146,548,137







Key Points

- 1. New Middle School at Clifton Heights would fit well within the existing site
- 2. Enhancement of a community asset
- 3. Engage community early for feedback
- 4. Approximately 3 ½ years start to finish
 - If 2022 is goal to open, start in 2019
- 5. Discuss budgetary planning for additional district projects





DISTRICT MAP

UPPER DARBY HIGH SCHOOL

