

JCJARCHITECTURE

TODAY'S AGENDA

- Welcome and Introductions
- Organization / Project Team
- Process / Schedule
- Community Discussion
- Community Forum #2 Themes
- MSBA Space Templates
- Site Alternatives
- Site Test Fits
- Community Discussion
- Next Steps







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WILDWOOD

ORGANIZATION / PROJECT TEAM

SCHOOL BUILDING PROJECT COMMUNITY FORUM # 3



ORGANIZATION / PROJECT TEAM

Massachusetts School Building Authority

Wildwood School Building Committee

Owner's Project Manager: Joslin, Lesser + Associates, Inc.

Jeffery Luxenburg, AICP, MCPPO - Project Executive Thomas P. Murphy, RA, LEED AP, MCPPO - Project Manager

Designer: JCJ Architecture

James E. LaPosta, Jr., FAIA, LEED AP - Principal-in-Charge + Design Principal Douglas K. Roberts, AIA, LEED AP - Project Manager James W. Hoagland, AIA, LEED AP – Project Architect Emily E. Czarnecki, NCIDQ, LEED AP – Interior Designer

Designer: Consultant Team

Educational Programming – New Vista Designs for Learning Geotechnical Engineering – Lahlaf Geotechnical Consulting, Inc. Environment / Hazardous Materials – Universal Environmental Consultants Site, Civil, MEP/FP and Technology – Garcia Galuska & Desousa Landscape Architecture – Copley Wolff Design Group Structural – Engineers Design Group Acoustics - Acentech, Inc. Food Service - Crabtree & McGrath LEED/Sustainability – VvS Architects & Consultants Traffic – Bryant Associates Massachusetts School Building Authority:

- State agency with the mission to partner with local communities to support the design and construction of
- public school facilities that are:
- Educationally-appropriate
- Flexible / Sustainable
- Cost effective.
- MSBA to fund up to 68% of eligible costs.

Wildwood School Building Committee:

Local committee recognized by the MSBA to oversee the design and construction of public school facilities.

Joslin, Lesser + Associates, Inc.:

Owner's Project Manager responsible for managing the project from design through construction.

JCJ Architecture:

Jim LaPosta : Principal-in-Charge + Design Principal Responsible for direction of the entire process

- Practice Director/Education Practice Group
- Design Principal for numerous award-winning projects
- Member of AIA's national advisory board: Committee on Architecture in Education

Doug Roberts : Project Manager

Day-to-day point of contact

Thorough knowledge of project process

David Stephen: Educational Programming New Vista Designs for Learning, consultant to JCJ, will lead the development of the educational program for the new school building project.



WILDWOOD SCHOOL BUILDING COMMITTEE

- Michael Morris, Assistant Superintendent of Schools, ARPS Chair
- Katherine Appy, Amherst School Committee, Chair
- Anna Bartolini, Teacher, Crocker Farm Elementary School
- Ron Bohonowicz, Director of Facilities, ARPS & Town of Amherst
- Holly Bowser, MCPPO, Assistant Comptroller, Town of Amherst
- Sasha Figueroa, Administrative Assistant / Recorder, ARPS
- Maria Geryk, Superintendent of Schools, ARPS
- Monica Hall, Director of Diversity & Professional Development, ARPS
- Laura Kent, Wildwood and Preschool Parent
- Sean Mangano, Director of Finance, Amherst Public Schools
- Guilford Mooring, MCPPO, Director of Public Works, Town of Amherst
- Sandy Pooler, Director of Finance, Town of Amherst
- Ludmilla Pavlova, Community Member and former Wildwood parent
- Irv Rhodes, Community Member
- Narayan Sampath, Crocker Farm Parent
- Timothy Sheehan, Teacher, Fort River Elementary School
- Nancy Stewart, Fort River Parent
- Sherril Willis, Teacher, Wildwood Elementary School
- Nick Yaffe, Principal, Wildwood Elementary School
- David Ziomek, Interim Town Manager





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PROCESS / SCHEDULE

SCHOOL BUILDING PROJECT COMMUNITY FORUM # 3



PROCESS OVERVIEW

MSBA Building Process

Steps primarily for:





PROCESS OVERVIEW

- ✓ MSBA Statement of Interest (SOI) submitted March 19, 2013
- ✓ MSBA invites SOI into Eligibility Period November 20, 2013
- ✓ Town Meeting approves Feasibility Study funding May 17, 2014
- ✓ MSBA approves Owner's Project Manager April 10, 2015
- ✓ Wildwood School Building Committee formed May 15, 2015
- ✓ MSBA Designer Selection Panel approves Designer July 7, 2015
- ✓ Wildwood School Building Committee hires Designer July 22, 2015
- ✓ MSBA Preliminary Design Program to be submitted December 7, 2015
- MSBA Preferred Schematic Report to be submitted February 2016
- o MSBA Approves PSR in March 2016
- o MSBA Authorizes Project Scope and Budget Agreement Sept 2016
- o Town Meeting Votes on Project Scope and Budget Fall 2016
- o Debt Exclusion Vote Fall 2016
- o MSBA Authorizes Project Funding Agreement December 2016
- o Complete Design and Construction on or about August 2019



SCHEDULE

- ✓ Community Forum #1, Tuesday, September 29, 2015
- School Building Committee Meeting, Tuesday, October 15, 2015
- School Committee Meeting, Tuesday, October 20, 2015
- Community Forum #2, Monday, October 26, 2015
- School Committee Meeting, Tuesday, November 17, 2015
- School Building Committee Meeting, Thursday, December 3, 2015 Authorize PDP submission to MSBA
- ✓ PDP Submission to MSBA, Monday, December 7, 2015
- ✓ Community Forum #3, Tuesday, December 8, 2015
 - Space Template / Site Alternatives / Existing Conditions Update
- School Committee and School Building Committee Meeting Tuesday, December 22, 2015 Review Preliminary Design Alternatives
- o Select Board Meeting, Monday, January 11, 2016 Project Update
- o Community Forum #4, January 2016 (to be confirmed)
- School Committee Meeting, Tuesday, January 19, 2016
 Approve Grade Configuration
- School Building Committee Meeting, Thursday, January 21, 2016
 Approve Preferred Schematic Design Option
- o PSR Submission to MSBA, Thursday, February 11, 2016
- o MSBA Board Approval, Wednesday, March 30, 2016





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PROCESS / SCHEDULE QUESTIONS

SCHOOL BUILDING PROJECT COMMUNITY FORUM # 3





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COMMUNITY FORUM #2 THEMES

SCHOOL BUILDING PROJECT COMMUNITY FORUM # 3



COMMUNITY FORUM #2 THEMES

- Critical to listen to the concerns of the public.
- Community has significant concerns about unified community discussion and deliberation of this issue.
- FRES is a terrible place to work and learn ... occupied by wonderful people ... not fair and pedagogically sound to exclude FRES from consideration.
- Sustainability/Climate Justice ... critical measure is reuse of the existing structure.
- Cost options have not been developed ... shouldn't the grade configuration vote be delayed until this information is available?
- Attendance at the Community Forum is not reflective of the level of interest/concern for those aware of this process ... community is simply not aware of this project.
- Grade configuration is the critical decision to determine the size of the project.
- School Committee needs to evaluate other scenarios.
- School Committee grade configuration vote rescheduled for January 19, 2016.
- MSBA authorized the study of a third grade configuration two District K-6 elementary schools for 670 students on November 20, 2015.

Visit <u>http://wildwood.projects.joslinlesser.com</u> to review all of the **Community Forum #2** comments.



MSBA GRADE CONFIGURATION OPTIONS

1. <u>THREE DISTRICT K-6 ELEMENTARY SCHOOLS</u>

- Crocker Farm Existing to remain.
- Fort River Existing to remain.
- Wildwood Renovation or new construction for 360 students.

2. <u>TWO DISTRICT K-6 ELEMENTARY SCHOOLS</u>

- Crocker Farm Existing to remain.
- Fort River New construction for 670 students or closed.
- Wildwood Renovation or new construction for 670 students or closed.

3. <u>DISTRICT 2-6 ELEMENTARY SCHOOL</u>

- Crocker Farm Becomes Pre-K-1 Early Childhood Center.
- Fort River New construction for 750 students or closed.
- Wildwood Renovation or new construction for 750 students or closed.



GRADE CONFIGURATION OPTIONS

Implications of Enrollment Options **WWSBP**

	K-6, 360 Students	K-6 Configuration with Two K-6 Wings, 670 Students	Unified District, Two Grade 2-6 Wings, 750 Students	Unified District, Grade 2-6 with Grade 2-4 & Grade 5-6 wings, 750 Students
High Quality Classrooms with Acoustic Privacy	62% of students	100% of students	100% of students	100% of students
ADA Compliant Classrooms	62% of students	100% of students	100% of students	100% of students
SE-Specialized Programs	BB & AIMS would likely move to either CF or WW	BB, AIMS, & ILC all in same K-6 building	BB, AIMS, & ILC all in new building; early childhood programs will need to be developed at CF	BB, AIMS, & ILC in new building; early childhood programs will need to be developed at CF
ELL Newcomer Program	Not feasible	Feasible at new building, not at CF	Feasible in all schools	Feasible in all schools
Transportation	No additional cost	\$0-\$110,000 a year based on whether redistricting occurs	\$220,000 a year	\$220,000 a year
Operational Savings (totals include increases to transportation)	\$0 (and additional costs to maintain Fort River)	\$400,000-\$500,000 a year (depending on redistricting/transportation)	\$475,000 a year	\$475,000 a year
Zoning	Can address SES variance, but does not address inequity based on specialized programs nor for those in apartment complexes	Can address SES variance, partially addresses inequity based on specialized programs but not the inequity for apartment complexes	Addresses inequities based on special programs, SES, and apartment complexes	Addresses inequities based on special programs and apartment complexes
Redistricting	Some students currently in WW & CF would attend FR	Redistricting makes geographic & financial sense but is not required	All students are redistricted into the 2 town-wide schools	All students are redistricted into 2 town-wide schools
Class Size Equity	Does not address large variances between classes by grades level & school	Partially addresses variances in new school but not at CF	Addresses the variances in class size at all schools	Addresses the variances in class size at all schools
Transitions	None for K-6	None for K-6	Adds one transition in K-6	Adds two transitions in K-6 (one between schools at grade one, another between wings at grade 5)
Peer Mentoring	Possible across 7 grade levels	Possible across 7 grade levels	Possible across 5 grade levels	Possible across 5 grade levels
Teacher Collaboration	Same as current model	Additional job-alike collaboration opportunities for staff at new school; not at CF	Additional job-alike collaboration opportunities for all staff	
Crocker Farm Implications	Remains PreK-6 with redistricting	Remains PreK-6 with possible redistricting	Becomes PreK-1 Early Childhood Center	Becomes PreK-1 Early Childhood Center

JCJARCHITECTURE DECEMBER 8TH, 2015





MSBA SPACE TEMPLATES

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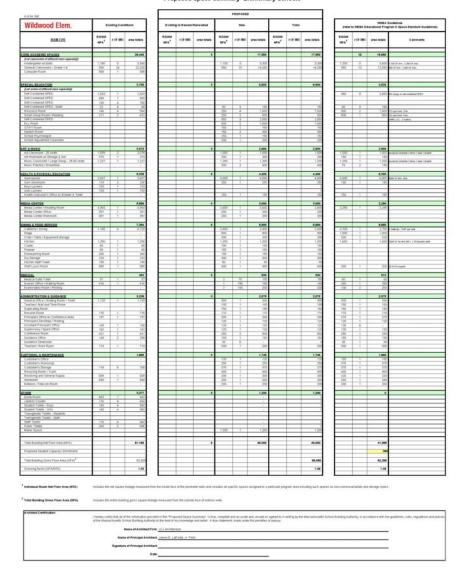
WILDWOOD







MSBA SPACE TEMPLATE - 360 STUDENTS



62,280 GSF SCHOOL

CORE ACADEMIC SPACES

- (3) Kindergarten classrooms @ 1,200 NSF (1/7 enrollment with 18 students/classroom)
- (13) General classrooms @ 950 NSF (assumes 23 students/classroom)

SPECIAL EDUCATION

• Assumes 8% of enrollment with 12 students/classroom

ART AND MUSIC

 Assumes 2 periods per week with 25 students per classroom



MSBA SPACE TEMPLATE - 360 STUDENTS

OVERALL BUILDING (AFTER 11/12/2015 working session)

• MSBA - 41,995NSF x 1.48 factor = 62,280GSF Amherst - 46,000NSF x 1.48 factor = 68,080GSF



MSBA SPACE TEMPLATE - 360 STUDENTS

MAJOR DIFFERENCES

CORE ACADEMIC SPACES

- MSBA (3) Kindergarten classrooms @ 1,200 NSF = 3,600NSF
 Amherst (3) Kindergarten classrooms @ 1,100 NSF = 3,300NSF
- MSBA (13) General classrooms @ 950 NSF (23 /CR) = 12,350NSF
 Amherst (15) General classrooms @ 950 NSF (18 /CR) = 14,250NSF

SPECIAL EDUCATION

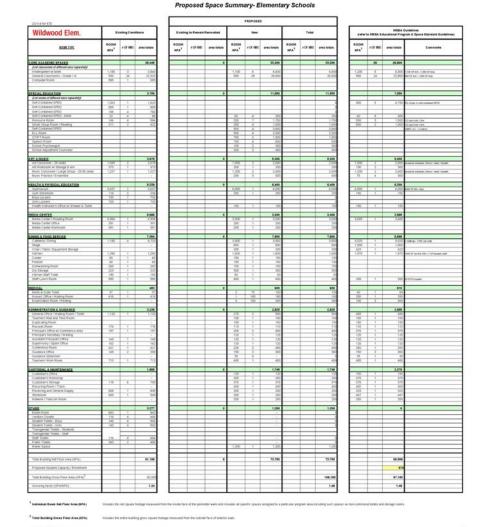
MSBA Assumes 8% of enrollment (12/CR) = 4,630NSF
 Amherst – addresses specific programs/philosophy = 6,900NSF

CAFETERIA

MSBA Assumes 2 lunch waves (1/2 pop.) = 2,700NSF
 Amherst assumes 3 lunch waves (1/3 pop.) = 2,400NSF



MSBA SPACE TEMPLATE - 670 STUDENTS



97,150 GSF SCHOOL

CORE ACADEMIC SPACES

- (5) Kindergarten classrooms @ 1,200 NSF (1/7 enrollment with 18 students/classroom)
- (24) General classrooms
 @ 950 NSF (assumes 23 students/classroom)

SPECIAL EDUCATION

Assumes 8% of enrollment with 12 students/classroom

ART AND MUSIC

 Assumes 2 periods per week with 25 students per classroom



MSBA SPACE TEMPLATE - 670 STUDENTS

OVERALL BUILDING

• MSBA - 65,556NSF x 1.48 factor = 97,150GSF Amherst - 73,750NSF x 1.48 factor = 109,150GSF



MSBA SPACE TEMPLATE - 670 STUDENTS

MAJOR DIFFERENCES

CORE ACADEMIC SPACES

- MSBA (5) Kindergarten classrooms @ 1,200 NSF = 6,000NSF
 Amherst (6) Kindergarten classrooms @ 1,100 NSF = 6,600NSF
- MSBA (24) General classrooms @ 950 NSF (23 /CR) = 22,800NSF
 Amherst (28) General classrooms @ 950 NSF (18 /CR) = 26,600NSF

SPECIAL EDUCATION

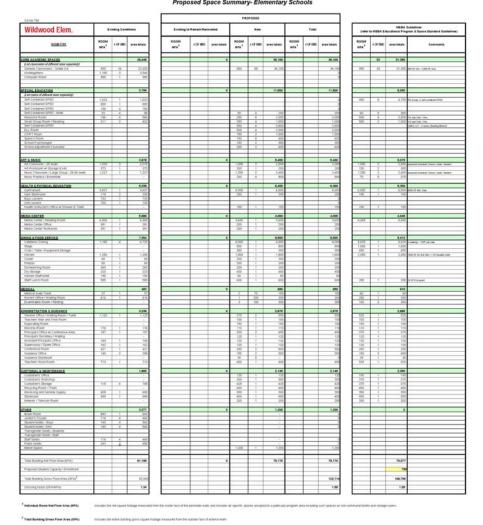
MSBA Assumes 8% of enrollment (12/CR) = 7,550NSF
 Amherst – addresses specific programs/philosophy = 11,550NSF

CAFETERIA

MSBA Assumes 2 lunch waves (1/2 pop.) = 5,025NSF
 Amherst assumes 3 lunch waves (1/3 pop.) = 3,800NSF



MSBA SPACE TEMPLATE - 750 STUDENTS



108,750 gsf school

CORE ACADEMIC SPACES

(33) General classrooms
 @ 950 NSF (assumes 23 students/classroom)

SPECIAL EDUCATION

 Assumes 8% of enrollment with 12 students/classroom

ART AND MUSIC

• Assumes 2 periods per week with 25 students per classroom





MSBA SPACE TEMPLATE - 750 STUDENTS

OVERALL BUILDING (AFTER 11/12/2015 working session)

• MSBA - 70,077NSF x 1.55 factor = 108,750GSF Amherst - 79,170NSF x 1.55 factor = 122,714GSF





MSBA SPACE TEMPLATE - 750 STUDENTS

MAJOR DIFFERENCES

CORE ACADEMIC SPACES

MSBA - (33) General classrooms @ 950 NSF (23 /CR) = 31,350NSF
 Amherst - (38) General classrooms @ 950 NSF (18 /CR) = 36,100NSF

SPECIAL EDUCATION

MSBA Assumes 8% of enrollment (12/CR) = 8,050NSF
 Amherst – addresses specific programs/philosophy = 11,800NSF

CAFETERIA

• MSBA Assumes 2 lunch waves (1/2 pop.) = 5,625NSF Amherst assumes 3 lunch waves (1/3 pop.) = 4,000NSF





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SITE ALTERNATIVES

SCHOOL BUILDING PROJECT COMMUNITY FORUM # 3



SITE CRITERIA

MSBA SITE STANDARDS

- Town/District must own and control the site for the anticipated useful life of the project.
- Site must meet the educational need, maximize the use of any available community resources and minimize adverse impact to the community (ie: costly infrastructure improvements).
- To the extent possible, the site shall be proximate to other facilities (libraries, museums, parks, natural resources, businesses) which would enhance the proposed educational program.
- The site shall be free of noxious pollution/contamination and avoid flood plains, wetlands, environmentally sensitive areas and not be located within 1,000 feet of an active landfill.
- The site shall be located to efficiently and safely serve the intended school population and be appropriately sized for the proposed program and future additions.

SITE SIZE RECOMMENDATION

- Elementary schools @ 4 acres (base) plus 1 acre for each 100 students.
- Minimum acreage for 360 student school @ 8 acres.
- Minimum acreage for 670 student school @ 11 acres.
- Minimum acreage for 750 student school @ 12 acres.



ALTERNATE SITES

PROCESS

- Designers met with Town officials to review Amherst GIS to identify sites that met the criteria.
- Identified sites reviewed by School Building Committee Site Evaluation Working Group prior to presentation to School Building Committee.
- Site Evaluation Working Group to develop a Site Evaluation Matrix to identified the recommended site for the School Building Committee.

GIS ID#	Owner	Address	Other ID	Acres	Comments
2D-2	Town of Amherst Recreation	303 Montague Road	Cherry Hill Golf Course	66.23	
58-33	Town of Amherst	531 Pulpit Road	Ruxton Gravel Pit	39.00	Unimproved road and adjacent to railroad
1 10-54	Town of Amherst	235-237 East Pleasant Street	Wildwood School	0.97	Acquire ROW easement to access Parcel 11B 188
11B-76	Town of Amherst School Department	71 Strong Street	Wildwood School	14.34	
11B-124	Amherst Pelham Regional School District	170 Chestnut Street	Wildwood School	22.53	
11B 14 6	Town of Amherst	61 Strong Street	Wildwood Daycare Center	1.26	Federal funds-
11B 18 8	Town of Amhorst	East Pleasant Street	Hawtherne Property	5.68	Town purchased for recreation use
11D-269	Town of Amherst Recreation	205 Triangle Street	Ziomek Park	8.05	Community field (HS baseball and football fields)
124-36	Town of Amherst	Strong Street		9.81	Adjacent to Railroad
15A-20	Town of Amherst School Department	31 South East Street	Fort River School Annex	2.34	
15A-47	Town of Amherst School Department	70 South Street	Fort River School	11.46	100 year flood plain, possible endangered species
15C-22	Town of Amherst	Belchertown Road		19.7	Town purchased as conservation land
176-13	Town of Amherst Recreation	Mill Lane	Groff Park	10	
18D-23	Town of Amherst	740 Belchertown Road	Landfill	56.16	Landfill capped and lined
21A-30	Town of Amherst Water Department	Old Farm Road	Old Well Head Property	7.9	Adjacent to Railroad
21B-8	Town of Amherst	95 Old Belchertown Road	Old Landfill	51.83	Landfill capped in 1985; unlined
234-9	Town of Amherst Recreation	Potwine Lane	Plum Brook Athletic Fields	12.21	

ALTERNATIVE SITES



WILDWOOD SITE - AERIAL



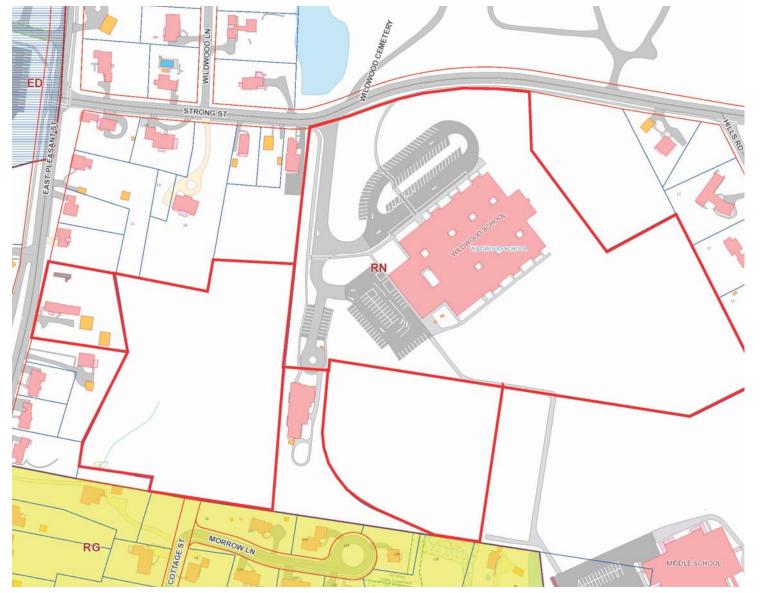


WILDWOOD SITE - EXISTING CONDITIONS





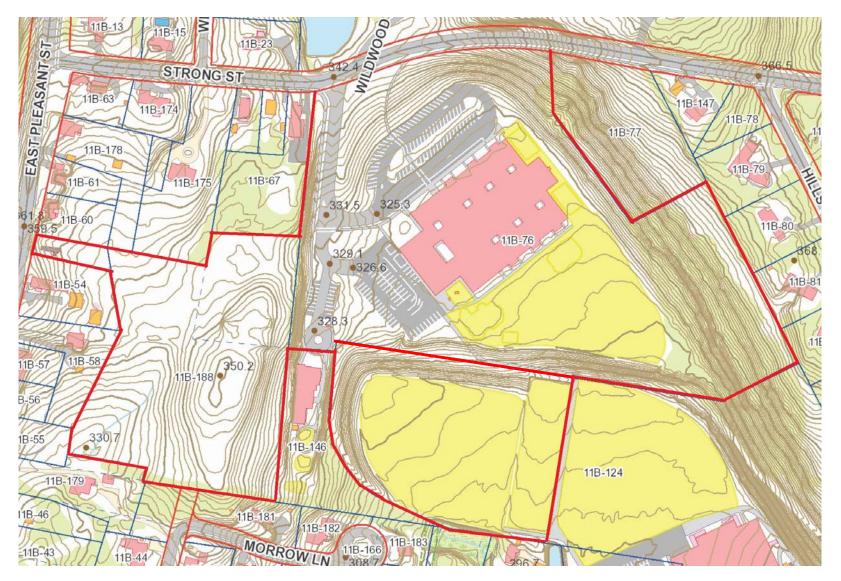
WILDWOOD SITE - ZONING



SCHOOL BUILDING PROJECT

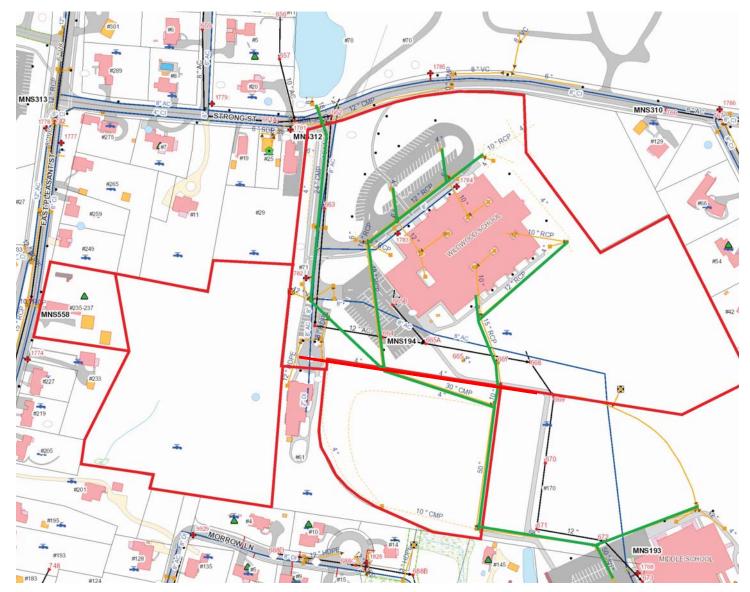
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WILDWOOD SITE - TOPOGRAPHY





WILDWOOD SITE - UTILITIES



SCHOOL BUILDING PROJECT

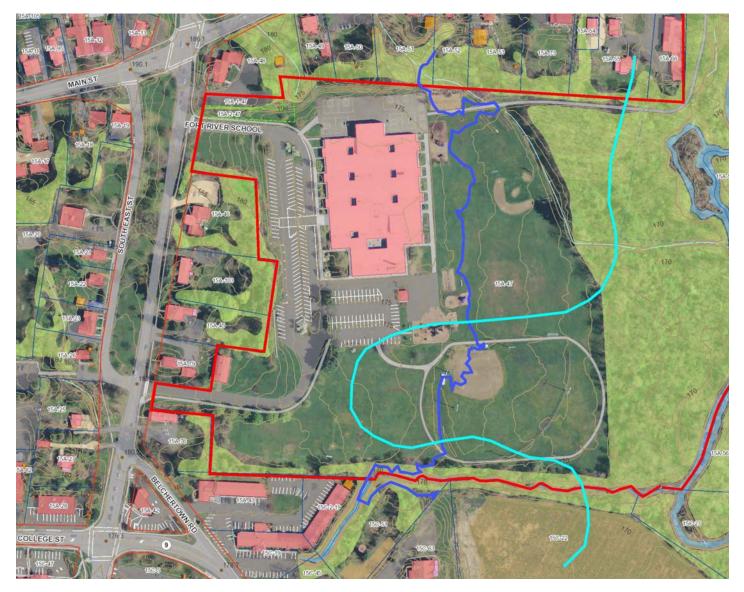
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FORT RIVER SITE AERIAL



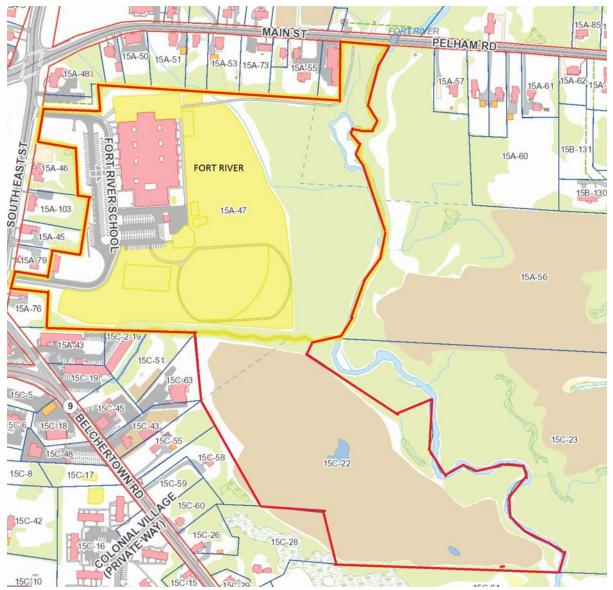


FORT RIVER SITE - EXISTING CONDITIONS



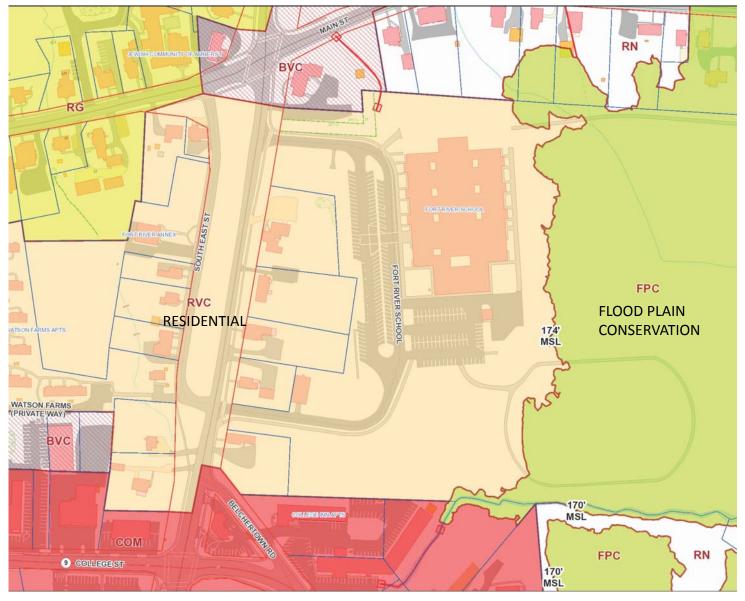


FORT RIVER SITE





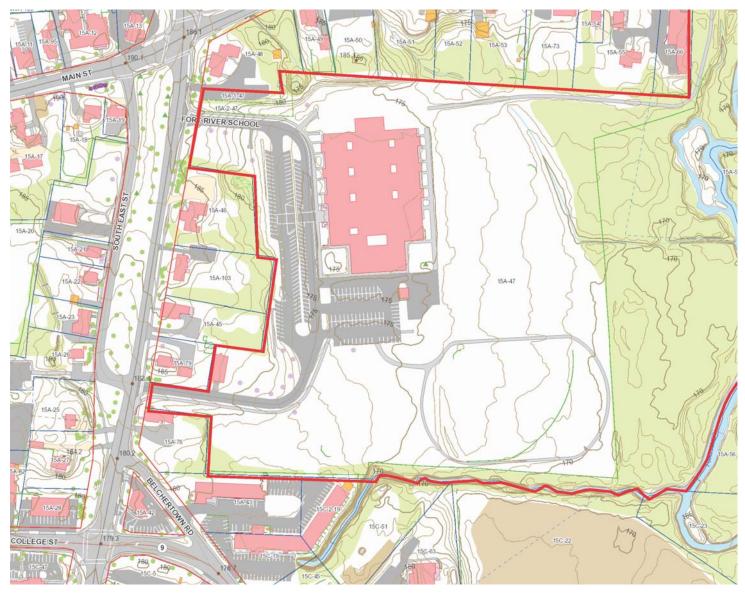
FORT RIVER SITE - ZONING



SCHOOL BUILDING PROJECT

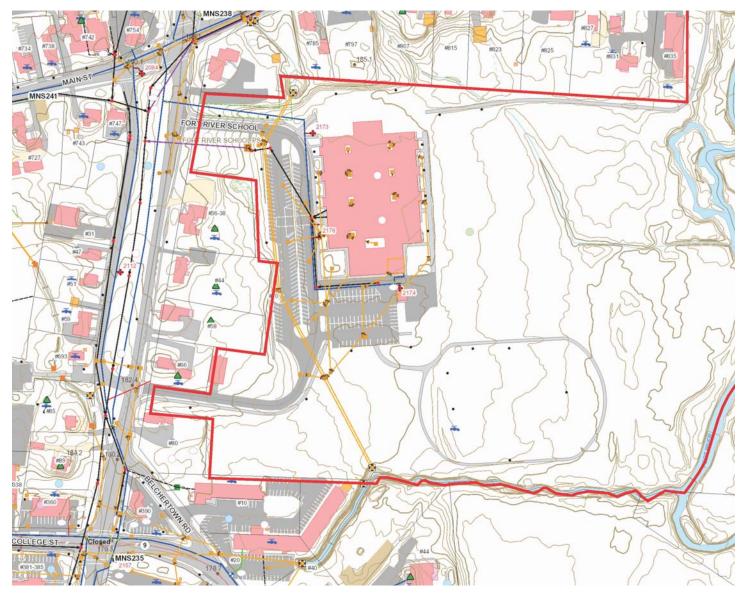
JCJARCHITECTURE DECEMBER 8TH, 2015

FORT RIVER SITE - TOPOGRAPHY





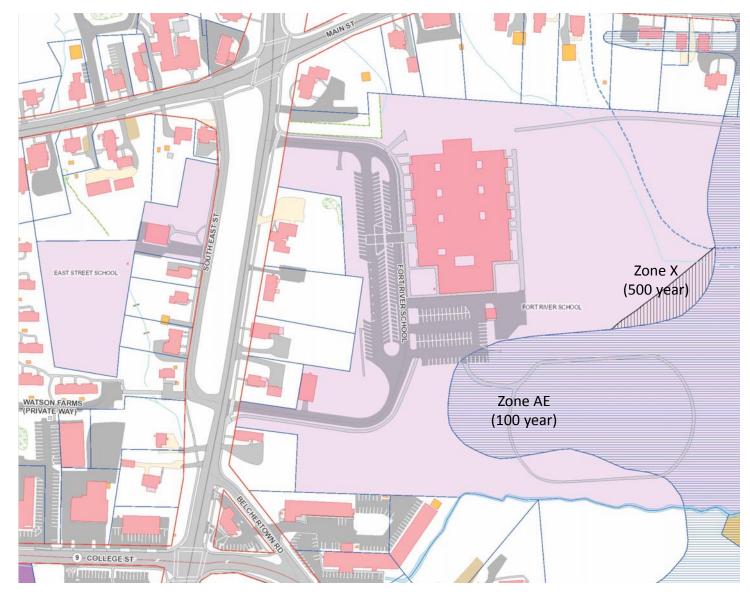
FORT RIVER SITE - UTILITIES



SCHOOL BUILDING PROJECT

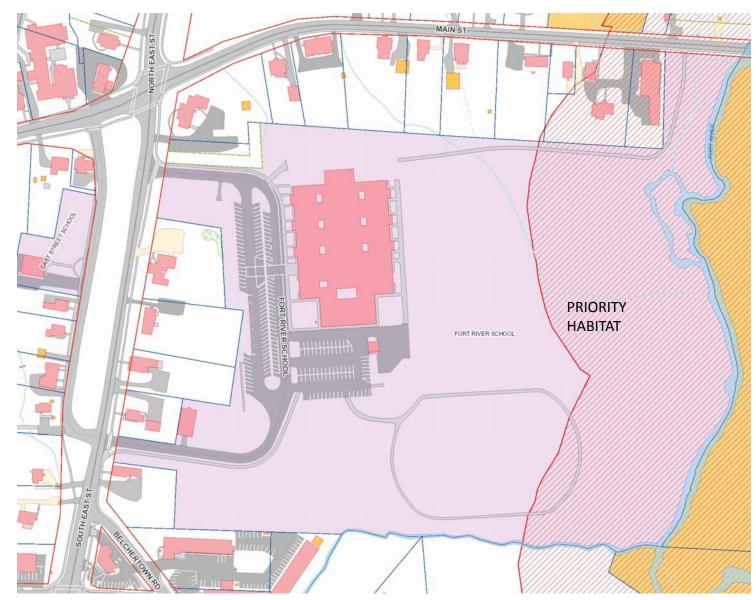
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FORT RIVER SITE - FLOOD PLAIN/HYDROLOGY





FORT RIVER SITE - NHESP PRIORITY HABITAT







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SITE TEST FITS

SCHOOL BUILDING PROJECT COMMUNITY FORUM # 3



SITE TEST FITS - 360 STUDENTS

grades K-6

- Option W1 Wildwood Renovation of Existing
- Option W2 Wildwood New Construction (southwest of existing building)





OPTION W1 - WILDWOOD RENO (360 K-6)





ортіон w2 – wildwood (360 к-6)





360 K-6 - NON VIABLE OPTIONS









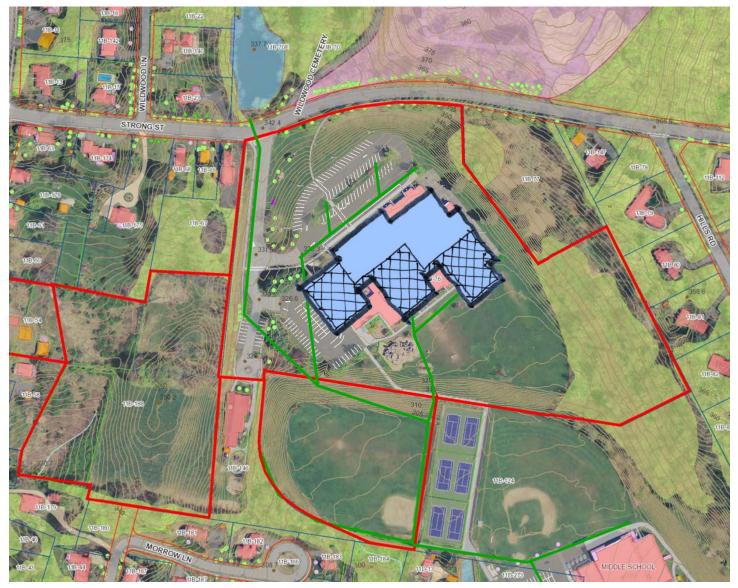
SITE TEST FITS - 750 STUDENTS

GRADE RECONFIGURATION 2-6

- Renovation + Additions at Wildwood Site
- Option W3 Wildwood New Construction (existing building site)
- Option W4 Wildwood New Construction (MS ballfield site)
- Option FR1 Fort River New Construction (existing building site)



OPTION W3 - WILDWOOD (750 2-6)



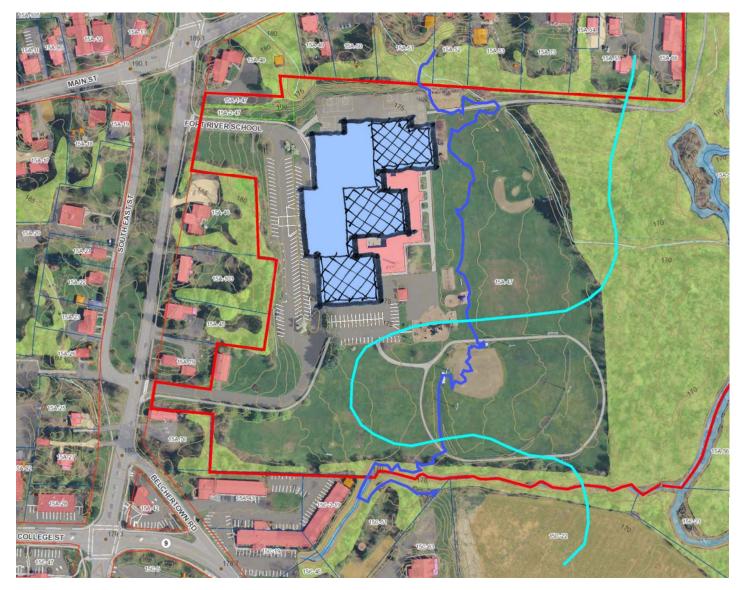


OPTION W4 - WILDWOOD (750 2-6)





OPTION FR1-FORT RIVER (750 2-6)





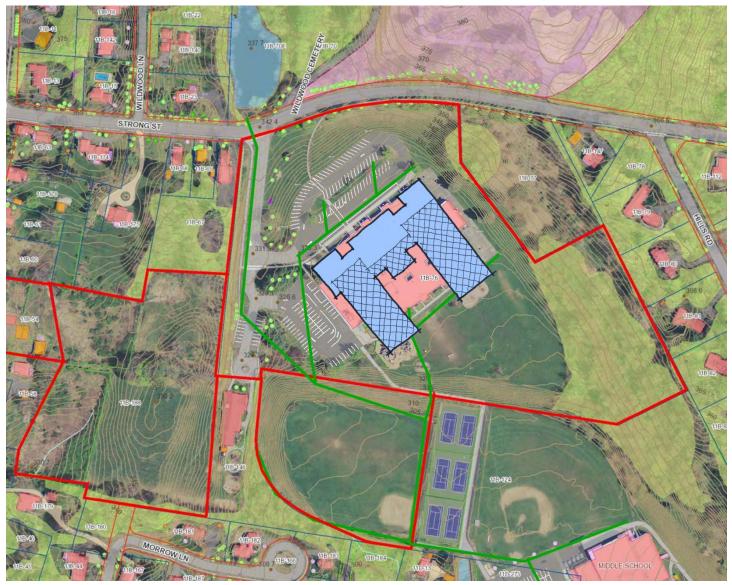
SITE TEST FITS - 670 STUDENTS

TWO DISTRICT K-6 SCHOOLS

- Renovation + Additions at Wildwood Site
- Option W5 Wildwood New Construction (existing building site)
- Option W6 Wildwood New Construction (MS ballfield site)
- Option FR2 Fort River New Construction (existing building site)

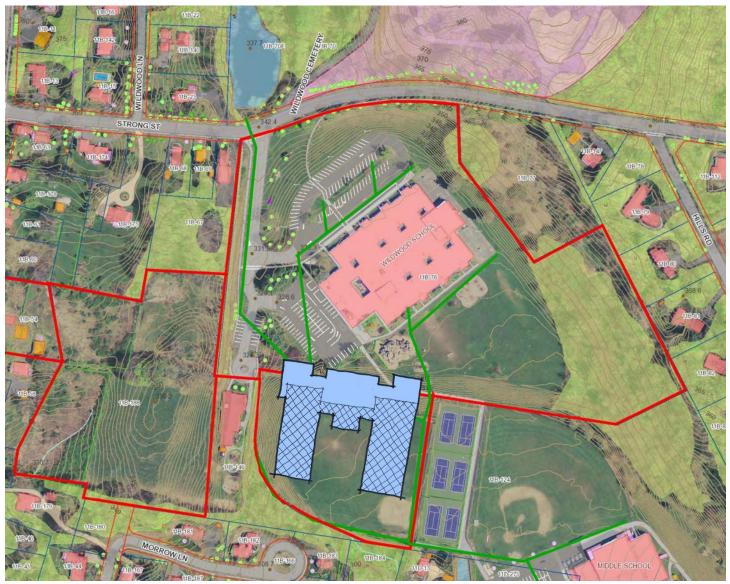


OPTION W5 - WILDWOOD (670 TWIN K-6)



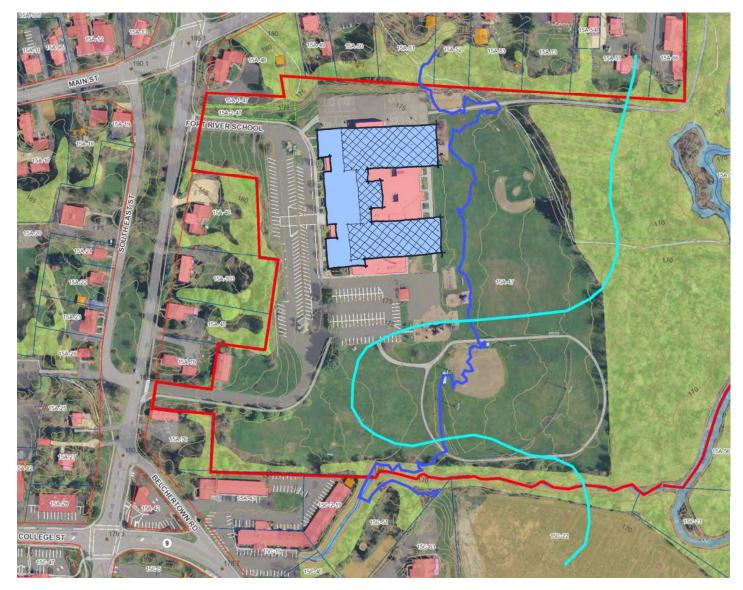


ортіон w6 – wildwood (670 тwin к-6)





OPTION FR2 - FORT RIVER (670 TWIN K-6)







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DISCUSSION

SCHOOL BUILDING PROJECT COMMUNITY FORUM # 3





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NEXT STEPS

SCHOOL BUILDING PROJECT COMMUNITY FORUM # 3



Next Steps

Provide us your feedback

• Return handouts to:

Wildwood School Building Committee

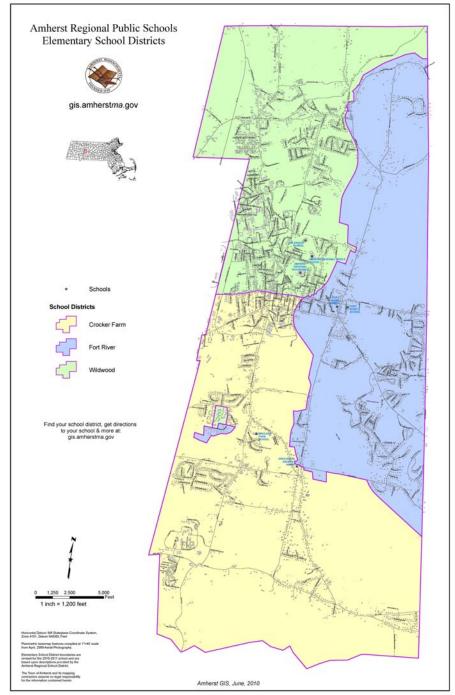
- c/o Amherst Public Schools
- 170 Chestnut Street
- Amherst, MA 01002
- Email comments to:

morrism@arps.org

- Visit us on Facebook @ Amherst Elementary School Building Project
- Visit <u>http://wildwood.projects.joslinlesser.com</u> to review project web page.
- Next Community Forum:

To be determined mid-January, 2016 at 3:30PM or To be determined mid-January, 2016 at 7:00PM







SCHOOL BUILDING PRO. AMHERST, MASSACHUSETTS