



FEBRUARY 2, 2016

# SCHOOL BUILDING COMMITTEE

**JCJ**ARCHITECTURE

# TODAY'S AGENDA

- Review Schedule
- Review Design Options & Budgets
- Review Design Evaluation Matrix
- Next Steps





CROCKER FARM



FORT RIVER



WILDWOOD

# SCHEDULE

SCHOOL BUILDING PROJECT

SCHOOL BUILDING COMMITTEE / SCHOOL COMMITTEE MEETING

# 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
- ✓ PDP Submission to MSBA, Monday, December 7, 2015
- ✓ Community Forum #3, Tuesday, December 8, 2015
- ✓ School Committee and School Building Committee Meeting  
Tuesday, December 22, 2015
- ✓ Select Board Meeting, Monday, January 11, 2016
- ✓ School Building Committee / School Committee Meeting, January 13, 2016
- ✓ Community Forum #4, January 13, 2016
- ✓ School Committee Meeting, Tuesday, January 19, 2016  
Approve Grade Configuration
- ✓ School Building Committee Meeting, Thursday, January 21, 2016
- School Building Committee Meeting, Tuesday, February 2, 2016  
Approve Preferred Schematic Design Option / Authorize PSR submission to MSBA
- PSR Submission to MSBA, Thursday, February 11, 2016
- MSBA Board Approval, Wednesday, March 30, 2016



## AMHERST ELEMENTARY BUILDING PROJECT SCHEDULE

<b>January 4, 2016 – January 10, 2016</b>	<b>Family &amp; Staff Survey</b>  Survey will be open between these dates; results will be available on January 13, 2016	N/A
<b>January 11, 2016 [7:25-7:50 PM]</b>	<b>Amherst Select Board Meeting</b>  Project Update	Town Hall
<b>January 13, 2016 [4:00-5:30 PM]</b>	<b>Joint Amherst Building &amp; School Committee Meeting</b>  Preliminary Budgets - Design Options - Schedule Review - Survey Results	Amherst Regional High School Library
<b>January 13, 2016 [6:30-8:30 PM]</b>	<b>Community Forum #4</b>  Preliminary Budgets - Design Options - Schedule Review - Survey Results	Amherst Regional High School Library
<b>January 14, 2016 [3:30-5:00 PM]</b>	<b>Amherst School Committee Meeting</b>  Discuss information regarding Building Project prior to the January 19, 2016 vote	Amherst Regional High School Library
<b>January 19, 2016 [6:00-8:00 PM]</b>	<b>Amherst School Committee Meeting</b>  Vote on Grade Configuration	Amherst Regional High School Library
<b>January 21, 2016 [4:00-6:00 PM]</b>	<b>School Building Committee Meeting</b>  Discuss Preferred Schematic Report Design submission	Amherst Regional Middle School Library



## AMHERST ELEMENTARY BUILDING PROJECT SCHEDULE

<b>February 2, 2016 [4:00-5:30 PM]</b>	<b>School Building Committee Meeting</b>	TBD
	Vote on Preferred Schematic Report Design submission	
<b>February 11, 2016</b>	<b>Preferred Schematic Report Design Submission to MSBA</b>	N/A
<b>March 30, 2016</b>	<b>MSBA Board Approval of Preferred Schematic Report Design</b>	TBD
<b>September, 2016</b>	<b>MSBA Board Approval of Project Scope &amp; Budget</b>	TBD
<b>November 2016</b>	<b>Amherst Town Meeting Approval Vote</b>	TBD
<b>November 8, 2016</b>	<b>Anticipated Override Vote</b>	TBD





CROCKER FARM



FORT RIVER



WILDWOOD

# DESIGN OPTIONS & BUDGETS

SCHOOL BUILDING PROJECT

SCHOOL BUILDING COMMITTEE / SCHOOL COMMITTEE MEETING

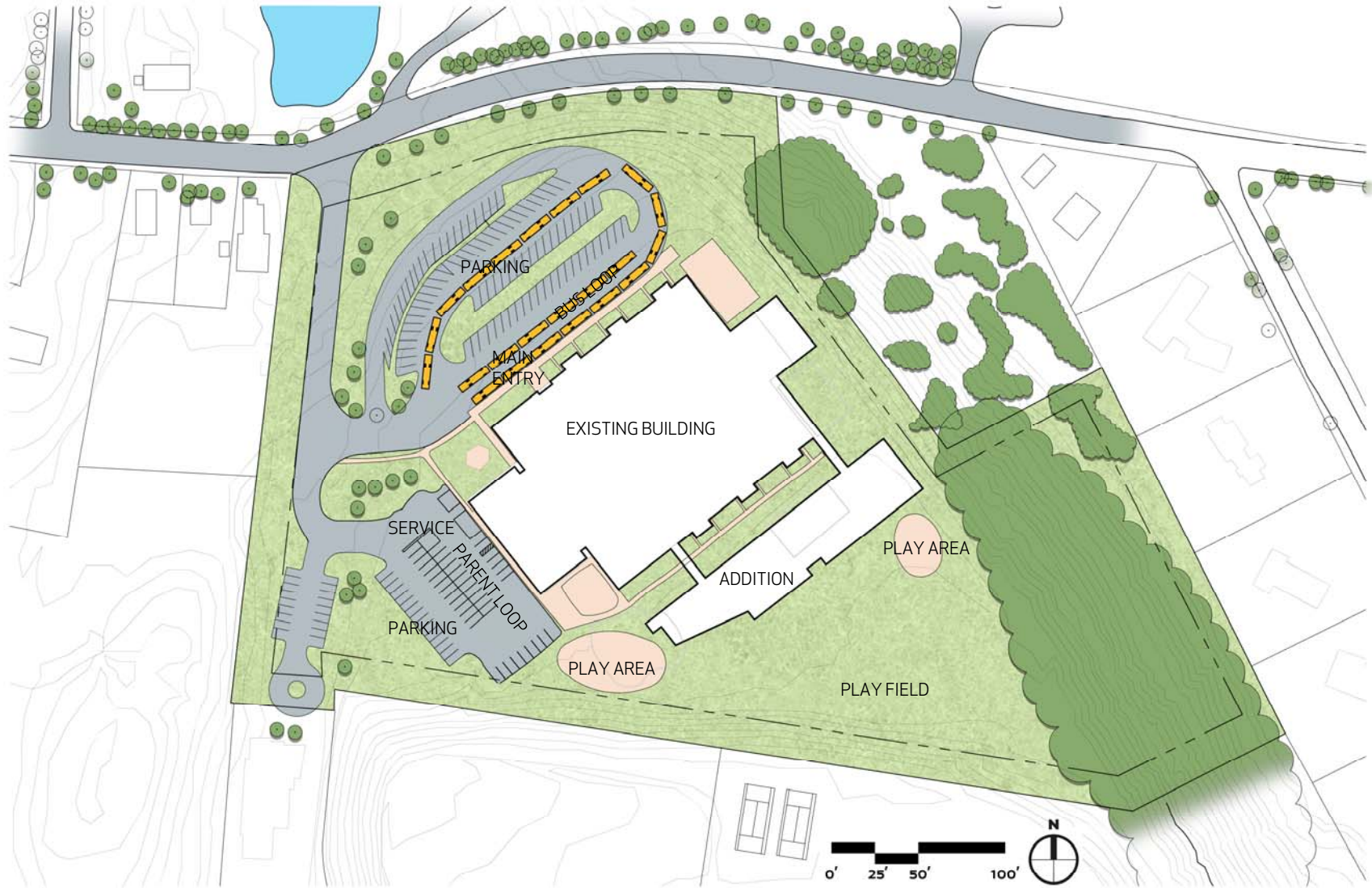
# DESIGN OPTIONS – 750 STUDENTS

## GRADE RECONFIGURATION 2-6

- Option W10 - Renovation + Additions at Wildwood Site
- Option W7 – New Construction at Wildwood Site
- Option W12 – New Construction at Wildwood Site
- Option FR5 – New Construction at Fort River Site



# OPTION W10 - ADD/RENO (750 2-6)



# OPTION W10 - FIRST FLOOR PLAN (750 2-6)



# OPTION W10 - SECOND FLOOR PLAN (750 2-6)





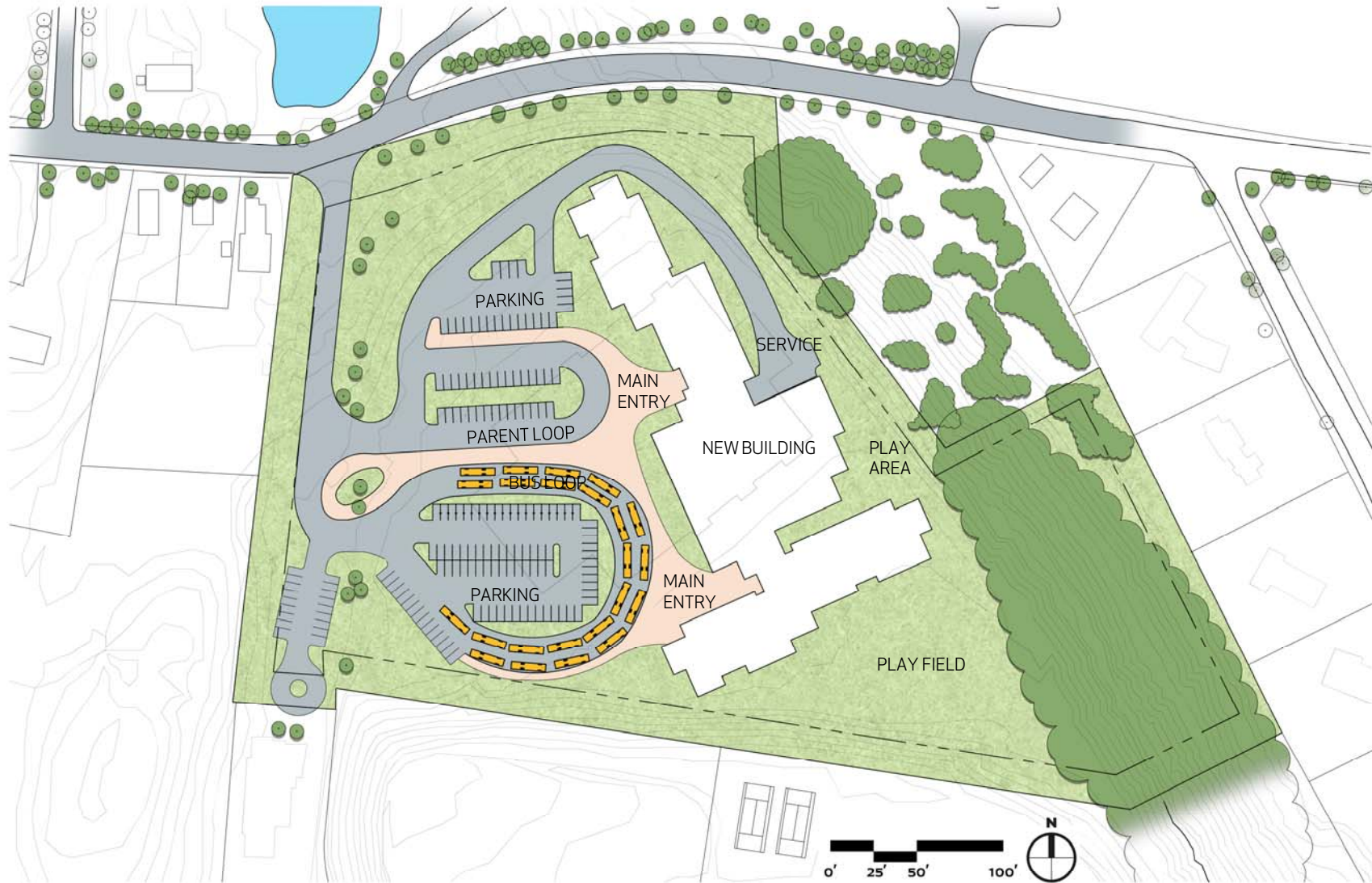
# OPTION W10 – RENO/ADD (750 2-6)

Enrollment:	750 students
Square Feet (SF)	126,000
Estimated Construction Cost:	\$47.8M (\$380/sf)
Estimated Total Project Cost:	\$59.7M (25.0% soft costs)
Estimated MSBA Reimbursement:	52% - 53%
Estimated Cost to Amherst:	\$28.1M

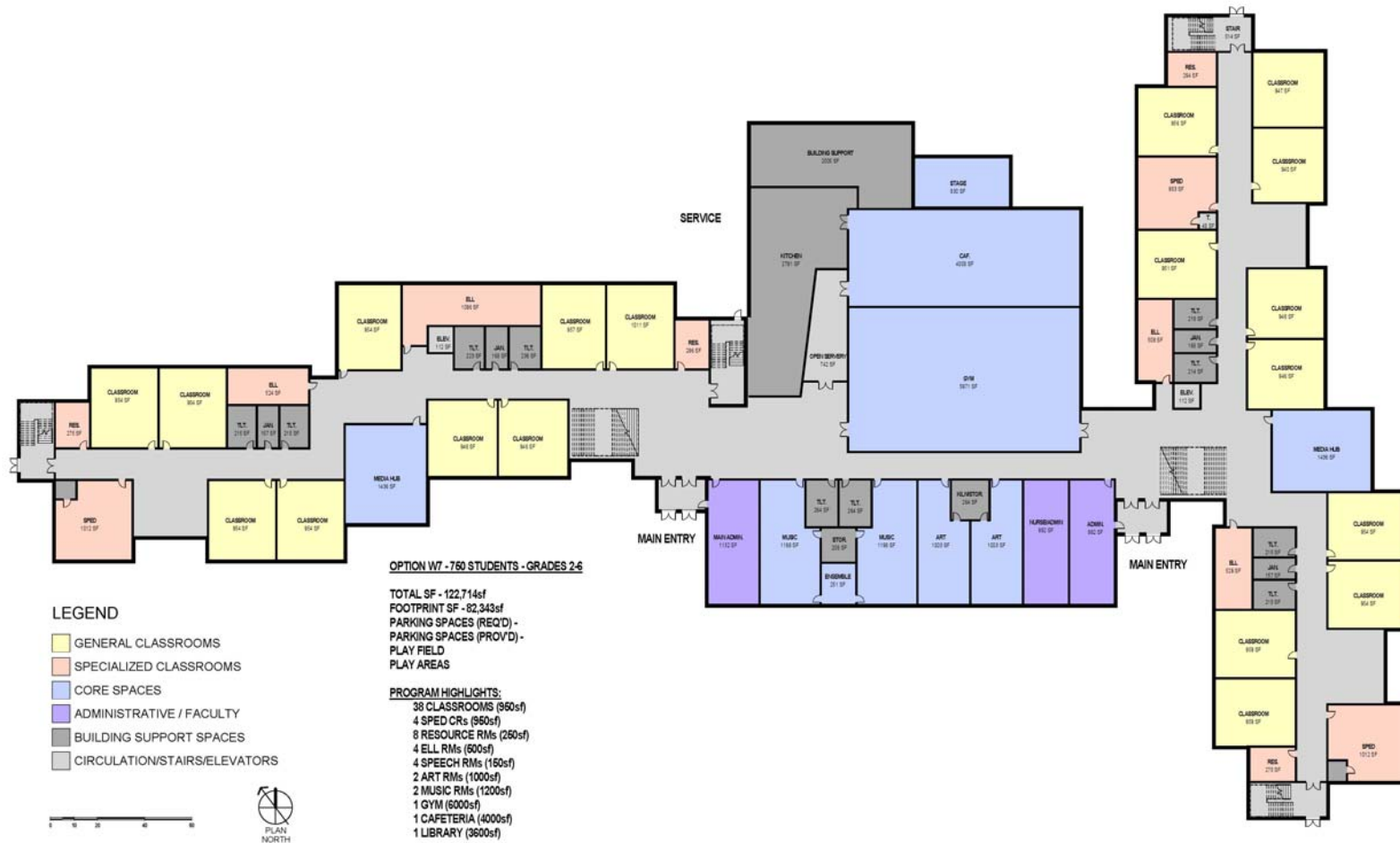
## Scope of Work:

- Phased construction including:
  - Site upgrades, accessibility upgrades, new exterior doors and windows, new roof, new interior layout, new mechanical, electrical, plumbing and fire alarm systems.
  - Classroom addition.
- Excludes cost of swing space.
- Schedule; Phase 1 complete Spring 2019, Phase 2 Spring 2020, Phase 3 End 2020

# OPTION W7 - NEW (750 2-6)

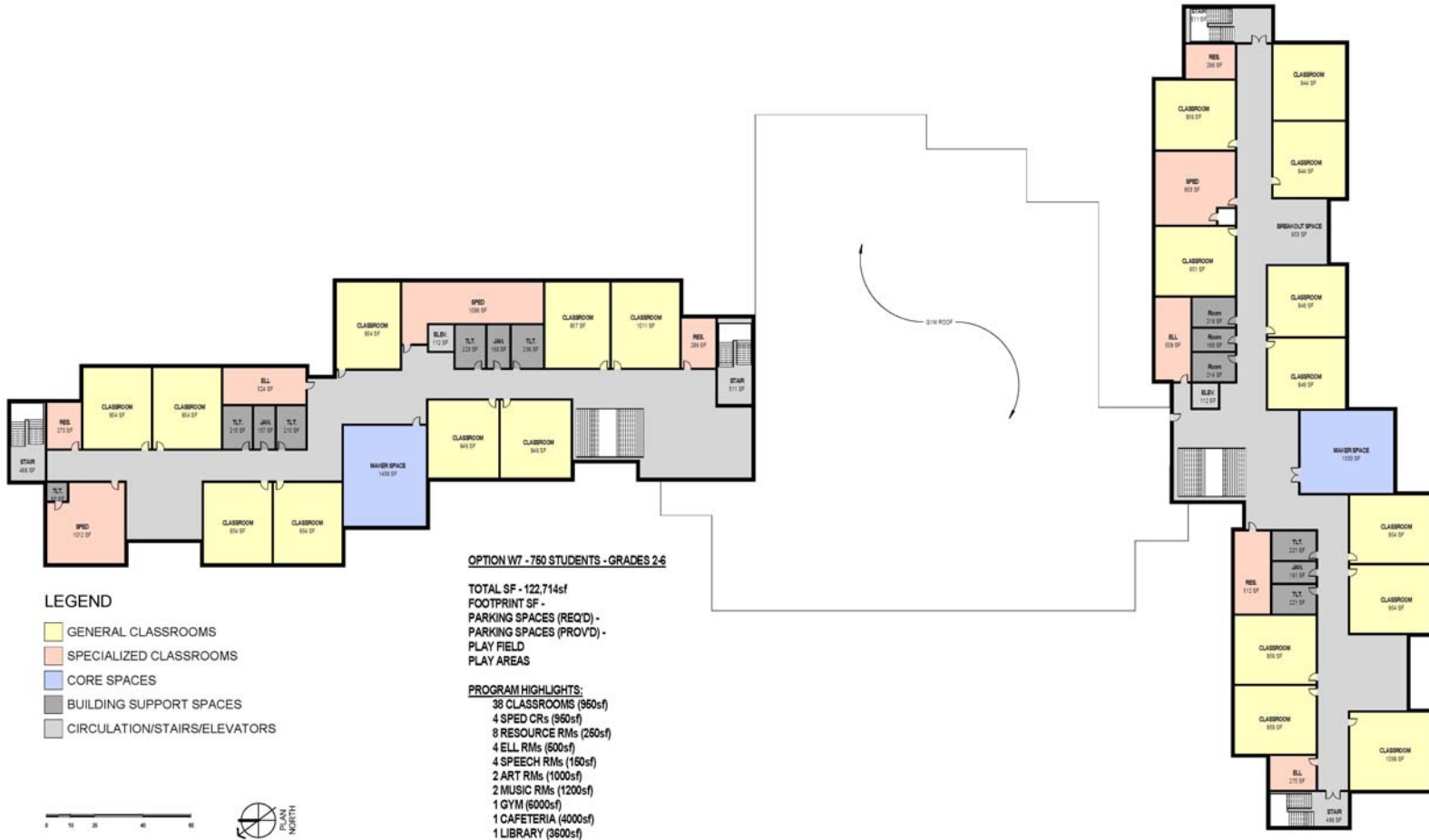


# OPTION W7 - FIRST FLOOR PLAN (750 2-6)



1 OPTION W7 - FIRST FLOOR PLAN  
 1" = 20'





1 OPTION W7 - SECOND FLOOR PLAN  
1" = 20'-0"

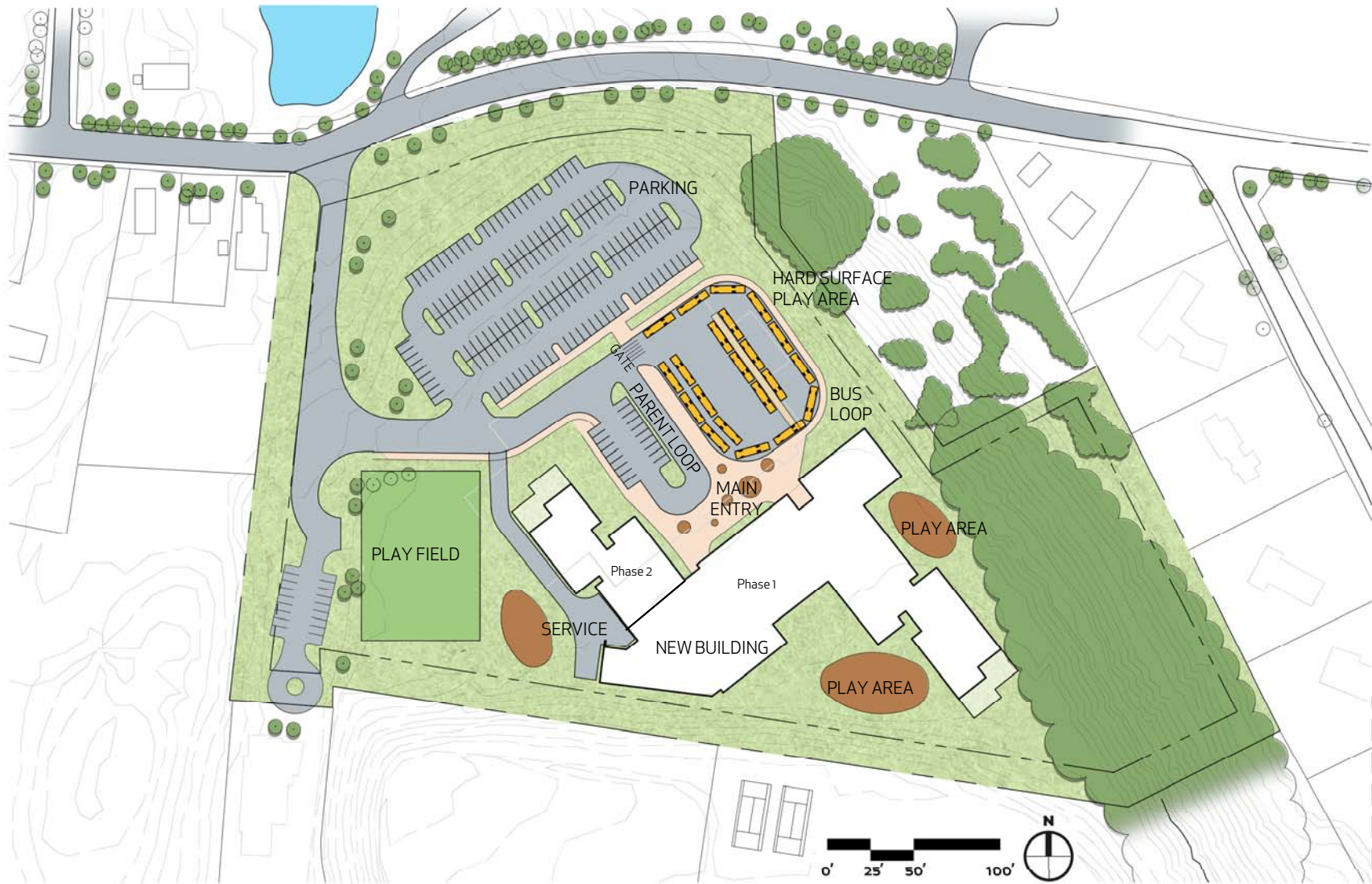
## OPTION W7 – NEW (750 2-6)

Enrollment:	750 students
Square Feet (SF)	122,714
Estimated Construction Cost:	\$52.3M (\$426/sf)
Estimated Total Project Cost:	\$65.3M (25.0% soft costs)
Estimated MSBA Reimbursement:	52% - 53%
Estimated Cost to Amherst:	\$30.7M

### Scope of Work:

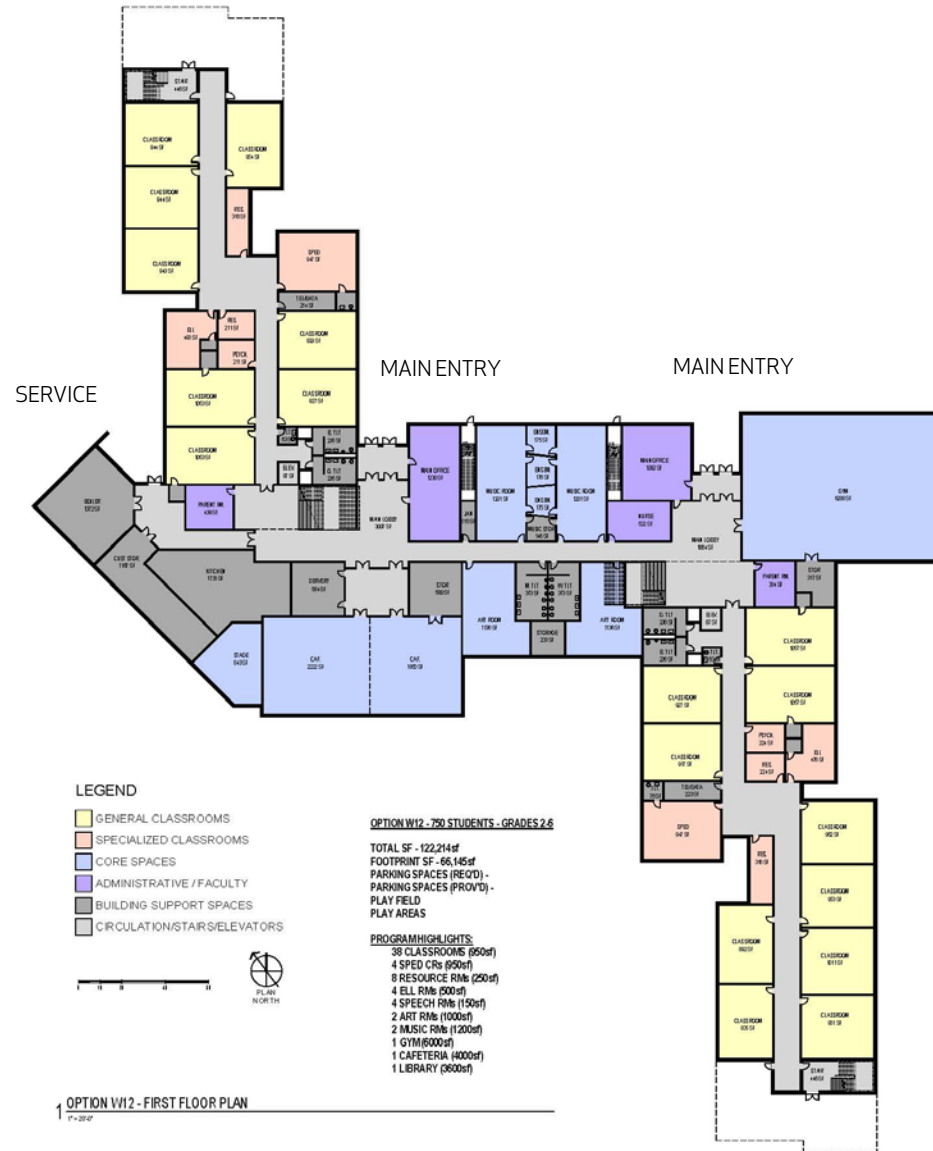
- Phased construction including:
  - Demolition of existing building
  - New site and building
- Excludes cost of swing space. (move out Jan 2018)
- Schedule; Complete end 2019

# OPTION W12 - NEW (750 2-6)

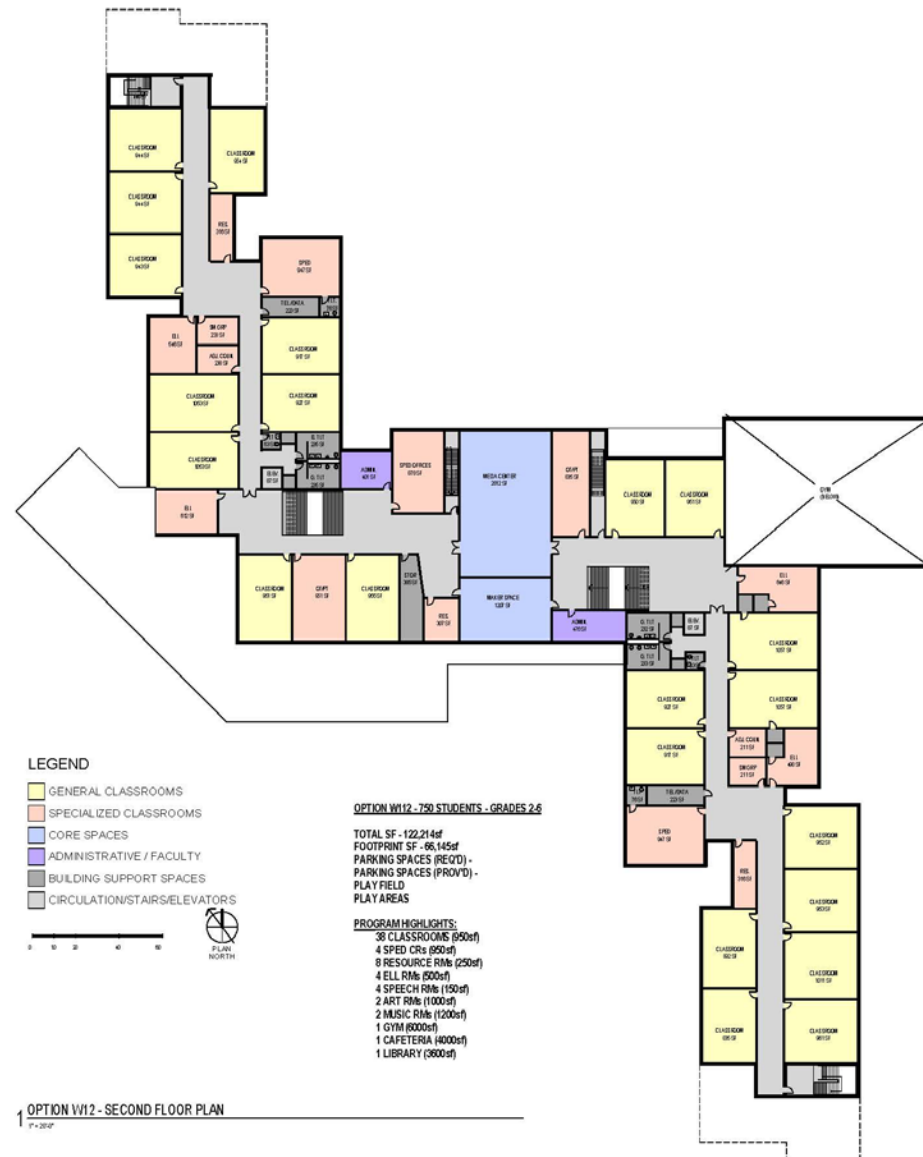




# OPTION W12 - FIRST FLOOR PLAN (750 2-6)



# OPTION W12 - SECOND FLOOR PLAN (750 2-6)



# OPTION W12 – NEW (750 2-6)

Enrollment:	750 students
Square Feet (SF)	122,714
Estimated Construction Cost:	\$51.7M (\$421/sf)
Estimated Total Project Cost:	\$64.6M (25.0% soft costs)
Estimated MSBA Reimbursement:	52% - 53%
Estimated Cost to Amherst:	\$30.4M

## Scope of Work:

- Phased construction including:
  - New building (Phase 1)
  - Demolition of existing building
  - New site and building (Phase 2)
  - Schedule; Phase 1 complete Fall 2019 / Phase 2 Fall 2020



# OPTION FR5 - NEW (750 2-6)



# OPTION FR5 - FIRST FLOOR PLAN (750 2-6)



## LEGEND

- GENERAL CLASSROOMS
- SPECIALIZED CLASSROOMS
- CORE SPACES
- ADMINISTRATIVE / FACULTY
- BUILDING SUPPORT SPACES
- CIRCULATION/STAIRS/ELEVATORS

1" = 20'



## OPTION FR5 - 760 STUDENTS - GRADES 2-6

TOTAL SF - 122,714sf  
 FOOTPRINT SF - 82,343sf  
 PARKING SPACES (REQ'D) -  
 PARKING SPACES (PROVD) -  
 PLAY FIELD  
 PLAY AREAS

## PROGRAM HIGHLIGHTS:

38 CLASSROOMS (960sf)  
 4 SPED CRTs (960sf)  
 8 RESOURCE RMs (250sf)  
 4 ELL RMs (600sf)  
 4 SPEECH RMs (150sf)  
 2 ART RMs (1000sf)  
 2 MUSIC RMs (1200sf)  
 1 GYM (6000sf)  
 1 CAFETERIA (4000sf)  
 1 LIBRARY (3600sf)

1 FR5 - FIRST FLOOR PLAN  
 1" = 20'

# OPTION FR5 - SECOND FLOOR PLAN (750 2-6)



## LEGEND

- GENERAL CLASSROOMS
- SPECIALIZED CLASSROOMS
- CORE SPACES
- ADMINISTRATIVE / FACULTY
- BUILDING SUPPORT SPACES
- CIRCULATION/STAIRS/ELEVATORS



## OPTION FR5 - 750 STUDENTS - GRADES 2-6

TOTAL SF - 122,714sf  
 FOOTPRINT SF - 82,343sf  
 PARKING SPACES (REQ'D) -  
 PLAYFIELD SPACES (PROV'D) -  
 PLAY AREAS

## PROGRAM HIGHLIGHTS:

- 38 CLASSROOMS (560sf)
- 4 SPED CRs (560sf)
- 8 RESOURCE RMs (250sf)
- 4 ELL RMs (500sf)
- 4 SPEECH RMs (150sf)
- 2 ART RMs (1000sf)
- 2 MUSIC RMs (1200sf)
- 1 GYM (6000sf)
- 1 CAFETERIA (4000sf)
- 1 LIBRARY (3600sf)

1 OPTION W5 - SECOND FLOOR PLAN  
 1" = 20'-0"

# OPTION FR5 - NEW (750 2-6)

Enrollment:	750 students
Square Feet (SF)	122,714
Estimated Construction Cost:	\$51.0M (\$416/sf)
Estimated Total Project Cost:	\$63.8M (25.0% soft costs)
Estimated MSBA Reimbursement:	52% - 53%
Estimated Cost to Amherst:	\$30.0M

## Scope of Work:

- Phased construction including:
  - Demolition of existing building
  - New site and building
- Excludes cost of swing space. (move out Jan 2018)
- Schedule; Complete end 2019



# PRELIMINARY PROJECT BUDGETS

Wildwood Elementary School: Amherst, MA

Feasibility Phase Cost Estimate Comparison

	W7				W10								W12				FMS			
	AM Fogarty (JC)		PM&C (JLA)		AM Fogarty (JC)		AM Fogarty (JC)		PM&C (JLA)		PM&C (JLA)		AM Fogarty (JC)		PM&C (JLA)		AM Fogarty (JC)		PM&C (JLA)	
	Gross Floor Area	122,714	Gross Floor Area	122,714	Renovation	82,000	Addition	44,000	Renovation	82,000	Addition	44,000	Gross Floor Area	122,714	Gross Floor Area	122,714	Gross Floor Area	122,714	Gross Floor Area	122,714
	Total Cost	Cost/GSF	Total Cost	Cost/GSF	Total Cost	Cost/GSF	Total Cost	Cost/GSF	Total Cost	Cost/GSF	Total Cost	Cost/GSF	Total Cost	Cost/GSF	Total Cost	Cost/GSF	Total Cost	Cost/GSF	Total Cost	Cost/GSF
<b>SUBSTRUCTURE</b>	\$ 2,319,423	\$ 20.53	\$ 3,133,544	\$ 25.54	\$ 146,000	\$ 1.78	\$ 1,054,900	\$ 8.60	\$ 276,000	\$ 2.25	\$ 1,265,760	\$ 10.31	\$ 2,106,711	\$ 17.17	\$ 2,823,911	\$ 23.01	\$ 2,007,478	\$ 16.36	\$ 3,748,202	\$ 30.54
Foundations	\$ 1,518,630	\$ 12.46	\$ 2,123,544	\$ 25.54	\$ 65,000	\$ 0.53	\$ 717,059	\$ 5.84	\$ 276,000	\$ 2.25	\$ 1,265,760	\$ 10.31	\$ 1,206,700	\$ 10.65	\$ 2,823,911	\$ 23.01	\$ 1,230,510	\$ 10.03	\$ 2,748,702	\$ 20.54
Special Foundations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Slab on Grade	\$ 290,793	\$ 8.07	\$ -	\$ -	\$ 81,000	\$ 0.66	\$ 337,841	\$ 2.75	\$ -	\$ -	\$ -	\$ -	\$ 800,011	\$ 6.52	\$ -	\$ -	\$ 776,668	\$ 6.33	\$ -	\$ -
<b>SHELL</b>	\$ 11,640,763	\$ 94.86	\$ 10,634,567	\$ 86.66	\$ 2,648,500	\$ 32.30	\$ 5,196,487	\$ 118.10	\$ 2,097,061	\$ 25.37	\$ 4,485,361	\$ 101.90	\$ 11,109,710	\$ 90.53	\$ 10,086,622	\$ 82.20	\$ 11,056,761	\$ 90.12	\$ 9,951,403	\$ 81.09
Superstructure	\$ 2,787,593	\$ 20.87	\$ 2,916,397	\$ 21.91	\$ 161,500	\$ 1.21	\$ 1,299,534	\$ 11.40	\$ 1,041,400	\$ 8.48	\$ 1,453,102	\$ 11.84	\$ 3,900,234	\$ 21.78	\$ 2,859,816	\$ 21.27	\$ 3,917,426	\$ 21.92	\$ 3,881,272	\$ 21.63
Exterior Structure	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Exterior Walls	\$ 2,697,817	\$ 20.13	\$ 5,065,070	\$ 41.28	\$ 91,000	\$ 0.75	\$ 2,039,361	\$ 16.62	\$ 1,045,681	\$ 8.52	\$ 2,416,619	\$ 19.70	\$ 3,517,019	\$ 28.66	\$ 4,611,754	\$ 27.58	\$ 3,449,576	\$ 28.51	\$ 4,360,099	\$ 35.53
Exterior Windows	\$ 1,965,339	\$ 16.02	\$ -	\$ -	\$ 856,000	\$ 5.35	\$ 989,842	\$ 8.07	\$ -	\$ -	\$ -	\$ -	\$ 1,867,340	\$ 15.22	\$ -	\$ -	\$ 1,861,418	\$ 15.18	\$ -	\$ -
Exterior Doors	\$ 119,049	\$ 0.97	\$ -	\$ -	\$ 76,100	\$ 0.61	\$ 42,139	\$ 0.34	\$ -	\$ -	\$ -	\$ -	\$ 110,849	\$ 0.90	\$ -	\$ -	\$ 110,849	\$ 0.90	\$ -	\$ -
Roofing	\$ 2,070,975	\$ 16.88	\$ 1,652,100	\$ 13.47	\$ 1,682,800	\$ 13.55	\$ 725,611	\$ 5.91	\$ 10,000	\$ 0.08	\$ 813,260	\$ 5.00	\$ 1,714,268	\$ 13.97	\$ 1,515,052	\$ 12.35	\$ 1,658,491	\$ 13.60	\$ 1,710,032	\$ 13.94
<b>INTERIORS</b>	\$ 6,465,386	\$ 52.85	\$ 5,837,484	\$ 47.57	\$ 4,313,156	\$ 52.60	\$ 2,381,530	\$ 54.13	\$ 4,173,430	\$ 50.90	\$ 2,058,194	\$ 46.78	\$ 6,490,334	\$ 52.89	\$ 5,735,540	\$ 46.74	\$ 6,489,686	\$ 52.88	\$ 5,693,408	\$ 46.40
Interior Construction	\$ 1,593,999	\$ 12.93	\$ 1,171,770	\$ 9.58	\$ 2,403,720	\$ 19.59	\$ 1,251,316	\$ 11.01	\$ 2,615,450	\$ 31.21	\$ 1,154,870	\$ 9.41	\$ 3,588,455	\$ 19.14	\$ 3,587,807	\$ 19.14	\$ 3,084,518	\$ 25.21	\$ 3,084,518	\$ 25.21
Staircases	\$ 247,782	\$ 2.02	\$ 222,148	\$ 1.71	\$ -	\$ -	\$ 85,204	\$ 0.78	\$ -	\$ -	\$ 87,324	\$ 0.55	\$ 292,782	\$ 2.39	\$ 292,782	\$ 2.39	\$ 292,782	\$ 2.39	\$ 292,782	\$ 2.39
Interior Finishes	\$ 2,543,605	\$ 20.73	\$ 2,331,568	\$ 19.00	\$ 1,910,438	\$ 15.57	\$ 934,310	\$ 7.61	\$ 1,558,000	\$ 17.70	\$ 826,000	\$ 6.81	\$ 3,609,097	\$ 21.26	\$ 3,331,568	\$ 19.00	\$ 3,609,097	\$ 21.26	\$ 3,331,568	\$ 19.00
<b>SERVICES</b>	\$ 11,225,976	\$ 91.48	\$ 10,668,512	\$ 87.10	\$ 7,347,200	\$ 89.60	\$ 4,210,130	\$ 95.69	\$ 7,052,000	\$ 86.00	\$ 3,889,500	\$ 88.40	\$ 11,225,976	\$ 91.48	\$ 10,668,512	\$ 87.10	\$ 11,225,976	\$ 91.48	\$ 10,668,512	\$ 87.10
Conveying Systems	\$ 108,750	\$ 0.89	\$ 186,000	\$ 1.51	\$ -	\$ -	\$ 108,750	\$ 0.89	\$ -	\$ -	\$ 83,000	\$ 0.76	\$ 108,750	\$ 0.89	\$ 186,000	\$ 1.51	\$ 108,750	\$ 0.89	\$ 186,000	\$ 1.51
Plumbing	\$ 1,595,624	\$ 13.00	\$ 1,477,568	\$ 12.00	\$ 1,066,000	\$ 8.69	\$ 577,000	\$ 4.66	\$ 984,000	\$ 12.00	\$ 529,000	\$ 12.00	\$ 1,595,624	\$ 13.00	\$ 1,477,568	\$ 12.00	\$ 1,595,624	\$ 13.00	\$ 1,477,568	\$ 12.00
HVAC	\$ 4,480,047	\$ 36.51	\$ 4,663,132	\$ 38.00	\$ 2,999,000	\$ 24.39	\$ 1,606,000	\$ 13.09	\$ 3,116,000	\$ 38.00	\$ 1,677,000	\$ 38.00	\$ 4,480,047	\$ 36.51	\$ 4,663,132	\$ 38.00	\$ 4,480,047	\$ 36.51	\$ 4,663,132	\$ 38.00
Fire Protection	\$ 647,335	\$ 5.28	\$ 551,212	\$ 4.50	\$ 410,000	\$ 3.34	\$ 299,000	\$ 2.39	\$ 369,000	\$ 4.50	\$ 199,000	\$ 4.50	\$ 647,335	\$ 5.28	\$ 551,212	\$ 4.50	\$ 647,335	\$ 5.28	\$ 551,212	\$ 4.50
Electrical	\$ 4,393,211	\$ 35.80	\$ 3,914,599	\$ 31.09	\$ 2,978,200	\$ 25.10	\$ 1,619,400	\$ 17.09	\$ 2,893,000	\$ 31.50	\$ 1,399,500	\$ 31.78	\$ 4,393,211	\$ 35.80	\$ 3,914,599	\$ 31.09	\$ 4,393,211	\$ 35.80	\$ 3,914,599	\$ 31.09
<b>EQUIPMENT &amp; FURNISHINGS</b>	\$ 1,495,708	\$ 12.19	\$ 1,697,466	\$ 13.83	\$ 1,123,151	\$ 13.67	\$ 439,150	\$ 9.98	\$ 1,206,592	\$ 14.71	\$ 423,784	\$ 9.63	\$ 1,495,708	\$ 12.19	\$ 1,683,784	\$ 13.74	\$ 1,495,708	\$ 12.19	\$ 1,639,638	\$ 13.52
Equipment	\$ 567,650	\$ 4.63	\$ 581,030	\$ 4.73	\$ 459,250	\$ 3.73	\$ 101,650	\$ 2.31	\$ 485,840	\$ 5.92	\$ -	\$ -	\$ 567,650	\$ 4.63	\$ 581,030	\$ 4.73	\$ 567,650	\$ 4.63	\$ 539,890	\$ 4.39
Furnishings	\$ 928,058	\$ 7.56	\$ 1,116,436	\$ 9.10	\$ 663,901	\$ 7.85	\$ 337,500	\$ 7.67	\$ 720,752	\$ 8.79	\$ 423,784	\$ 9.63	\$ 928,058	\$ 7.56	\$ 1,104,754	\$ 9.00	\$ 928,058	\$ 7.56	\$ 1,110,748	\$ 9.13
<b>BUILDING CONSTRUCTION</b>	\$ 33,367,256	\$ 271.91	\$ 31,991,573	\$ 260.70	\$ 15,576,007	\$ 189.95	\$ 13,282,217	\$ 301.87	\$ 14,805,103	\$ 180.55	\$ 12,120,619	\$ 275.47	\$ 32,428,439	\$ 264.26	\$ 31,020,369	\$ 252.79	\$ 32,277,609	\$ 263.03	\$ 31,741,183	\$ 258.66
<b>SPECIAL CONSTRUCTION &amp; DEMOLITION</b>	\$ 1,373,500	\$ 11.19	\$ 1,606,000	\$ 13.09	\$ 1,675,000	\$ 20.43	\$ -	\$ -	\$ 1,793,752	\$ 21.88	\$ -	\$ -	\$ 1,373,500	\$ 11.19	\$ 1,606,000	\$ 13.09	\$ 1,373,500	\$ 11.19	\$ 1,606,000	\$ 13.09
Selective	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Existing Building Demolition	\$ 553,500	\$ 4.51	\$ 820,000	\$ 6.68	\$ 855,000	\$ 10.43	\$ -	\$ -	\$ 1,007,752	\$ 12.29	\$ -	\$ -	\$ 553,500	\$ 4.51	\$ 820,000	\$ 6.68	\$ 553,500	\$ 4.51	\$ 820,000	\$ 6.68
Hazardous Materials Abatement	\$ 820,000	\$ 6.68	\$ 786,000	\$ 6.41	\$ 820,000	\$ 10.00	\$ -	\$ -	\$ 786,000	\$ 9.59	\$ -	\$ -	\$ 820,000	\$ 6.68	\$ 786,000	\$ 6.41	\$ 820,000	\$ 6.68	\$ 786,000	\$ 6.41
<b>BUILDING SITEWORK</b>	\$ 3,247,569	\$ 26.46	\$ 4,051,709	\$ 32.83	\$ -	\$ -	\$ 3,068,387	\$ 69.74	\$ -	\$ -	\$ 3,446,337	\$ 78.33	\$ 3,167,703	\$ 25.81	\$ 3,913,164	\$ 31.90	\$ 3,765,735	\$ 30.69	\$ 4,001,662	\$ 32.61
Site Preparation	\$ 540,801	\$ 4.41	\$ -	\$ -	\$ -	\$ -	\$ 525,285	\$ 12.17	\$ -	\$ -	\$ -	\$ -	\$ 520,256	\$ 4.21	\$ -	\$ -	\$ 1,112,976	\$ 9.10	\$ -	\$ -
Site Improvements	\$ 1,574,692	\$ 12.82	\$ -	\$ -	\$ -	\$ -	\$ 1,404,903	\$ 31.92	\$ -	\$ -	\$ -	\$ -	\$ 1,493,830	\$ 12.17	\$ -	\$ -	\$ 1,495,192	\$ 12.18	\$ -	\$ -
Site Civil/ Mechanical Utilities	\$ 832,801	\$ 6.78	\$ -	\$ -	\$ -	\$ -	\$ 828,723	\$ 18.82	\$ -	\$ -	\$ -	\$ -	\$ 844,042	\$ 6.88	\$ -	\$ -	\$ 847,092	\$ 6.90	\$ -	\$ -
Site Electrical Utilities	\$ 299,475	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 299,475	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 299,475	\$ -	\$ -	\$ -	\$ 299,475	\$ -	\$ -	\$ -
Other Site Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL CONSTRUCTION -- BUILDING/SITE</b>	\$ 37,968,321	\$ 309.57	\$ 37,629,282	\$ 306.64	\$ 17,251,007	\$ 210.38	\$ 16,330,604	\$ 371.60	\$ 16,598,855	\$ 202.43	\$ 15,566,956	\$ 353.79	\$ 36,969,635	\$ 301.27	\$ 36,541,533	\$ 297.78	\$ 37,416,839	\$ 304.91	\$ 37,348,845	\$ 304.36
<b>GC/CM/INSUR./CM FEE</b>	\$ 6,131,575	\$ -	\$ 6,136,703	\$ -	\$ -	\$ -	\$ 7,071,589	\$ -	\$ 6,131,575	\$ -	\$ 6,711,004	\$ -	\$ 6,884,402	\$ -	\$ 6,928,594	\$ -	\$ 6,920,339	\$ -	\$ 6,918,777	\$ -
General Services	\$ 1,889,889	\$ -	\$ 1,889,889	\$ -	\$ -	\$ -	\$ 2,400,000	\$ -	\$ 1,889,889	\$ -	\$ 2,400,000	\$ -	\$ 1,889,889	\$ -	\$ 1,889,889	\$ -	\$ 1,889,889	\$ -	\$ 1,889,889	\$ -
General Requirements	\$ 953,751	\$ -	\$ 953,751	\$ -	\$ -	\$ -	\$ 1,099,151	\$ -	\$ 953,751	\$ -	\$ 1,099,151	\$ -	\$ 953,751	\$ -	\$ 953,751	\$ -	\$ 953,751	\$ -	\$ 953,751	\$ -
Bonds	\$ 953,515	\$ -	\$ 953,515	\$ -	\$ -	\$ -	\$ 953,515	\$ -	\$ 953,515	\$ -	\$ 953,515	\$ -	\$ 953,515	\$ -	\$ 953,515	\$ -	\$ 953,515	\$ -	\$ 953,515	\$ -
Insurance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 953,515	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CM Fee	\$ 1,391,894	\$ -	\$ 1,391,894	\$ -	\$ -	\$ -	\$ 1,391,894	\$ -	\$ 1,391,894	\$ -	\$ 1,391,894	\$ -	\$ 1,391,894	\$ -	\$ 1,391,894	\$ -	\$ 1,391,894	\$ -	\$ 1,391,894	\$ -
GMP Contingency	\$ 290,299	\$ -	\$ 290,299	\$ -	\$ -	\$ -	\$ 290,299	\$ -	\$ 290,299	\$ -	\$ 290,299	\$ -	\$ 290,299	\$ -	\$ 290,299	\$ -	\$ 290,299	\$ -	\$ 290,299	\$ -
<b>DESIGN &amp; PRICING CONTINGENCY</b>	\$ 4,558,559	\$ -	\$ 4,515,514	\$ -	\$ -	\$ -	\$ 4,023,132	\$ -	\$ -	\$ -	\$ 4,502,112	\$ -	\$ 4,426,256	\$ -	\$ 5,115,815	\$ -	\$ 4,490,021	\$ -	\$ 4,481,861	\$ -
<b>ESCALATION</b>	\$ 1,127,246	\$ -	\$ 1,281,924	\$ -	\$ -	\$ -	\$ 1,281,924	\$ -	\$ -	\$ -	\$ 2,095,096	\$ -	\$ -	\$ -	\$ 2,213,079	\$ -	\$ -	\$ -	\$ 2,264,182	\$ -
<b>BUILDING PERMIT</b>	\$ 492,509	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,459	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 487,095	\$ -	\$ -	\$ -	\$ 480,831	\$ -	\$ -	\$ -
<b>TOTAL CONSTRUCTION COST</b>	\$ 52,250,287	\$ 425.79	\$ 51,647,189	\$ 420.87	\$ 17,251,007	\$ 210.38	\$ 30,539,222	\$ 694.07	\$ 16,598,855	\$ 202.43	\$ 29,699,135	\$ 362.18	\$ 51,675,907	\$ 421.11	\$ 51,795,706	\$ 422.08	\$ 51,011,411	\$ 415.69	\$ 50,780,819	\$ 413.81
					\$ 47,790,229				\$ 46,297,890											
<b>ESTIMATED SOFT COSTS (25%)</b>	\$13,062,572		\$12,911,797		\$11,947,557				\$11,574,498				\$12,918,977		\$12,948,927		\$12,752,853		\$12,695,205	
<b>TOTAL PROJECT COST</b>	\$ 65,312,859		\$ 64,558,986		\$ 59,737,786				\$ 57,872,438				\$ 64,594,884		\$ 64,744,633		\$ 63,764,264		\$ 63,476,024	
<b>ESTIMATED AMHERST COST</b>	\$30,697,044		\$30,342,724		\$28,076,760				\$27,200,069				\$30,359,595		\$30,429,877		\$29,969,204		\$29,833,731	

SCHOOL BUILDING PROJECT  
AMHERST, MASSACHU





CROCKER FARM



FORT RIVER



WILDWOOD

# DESIGN EVALUATION MATRIX

SCHOOL BUILDING PROJECT

SCHOOL BUILDING COMMITTEE

# DESIGN EVALUATION MATRIX

JOSLIN, LESSER + ASSOCIATES, INC.

AMHERST ELEMENTARY SCHOOL - Amherst, M					Options and Criteria Evaluation Matrix			
● Favorable      ⊙ Neutral      ○ Unfavorable								
<i>Note: All design options will meet current building codes.</i>					Grade Reconfiguration 2-6			
					W10	W7	W12	FR5
					Renovation / Addition	New Construction	New Construction (Phased)	New Construction (Alternate site - Fort River)
Criteria								
<b>Building and Site Facts</b>								
1	Student enrollment population	750	750	750	750			
2	Size of site (acres)	14.34	14.34	14.34	11.46			
3	Site acquisition or additional legal requirements	N	N	N	N			
4	Estimated project capital cost	\$60,893,000	\$66,015,000	\$67,176,167	\$65,464,000			
<b>Cost and Schedule</b>								
1	Accommodates transition without need for swing space	●	○	●	○			
2	Allows all students to move in to new school 2019	○	●	○	●			
3	Minimizes construction duration	○	●	○	●			
<b>Educational</b>								
1	Meets goals of Ed Program for independent schools	○	●	●	●			
2	Provides flexibility for future growth	○	○	●	○			
3	Promotes teacher collaboration	○	○	●	○			
<b>Community</b>								
1	Provides accessibility to community used space	○	●	●	●			
2	Allows interior space for informal parent gathering	○	○	○	○			
3	Allows independent use of community spaces	○	●	●	●			
<b>Building</b>								
1	Allows for a contextually sensitive design	○	●	●	○			
2	Minimizes impact on students during construction	○	●	○	●			
3	Addresses all building deficiencies	○	●	●	●			
4	Maximizes daylight and solar orientation	○	●	●	○			
5	Provides easy access to commons spaces for all students	○	●	●	●			
6	Provides "small school" experience	○	○	○	○			
<b>Site</b>								
1	Maximizes efficient utilization of site (minimizes bldg. footprint)	○	○	●	○			
2	Involves additional site costs (utilities, mitigation, etc.)	○	○	○	○			
3	Optimizes safety and efficiency of parent/bus drop off	○	○	●	○			
4	Maximizes student outdoor activities/education	○	○	●	●			

# NEXT STEPS

## NEXT STEPS.....

- Submit Preferred Schematic Report (PSR) to MSBA - February 11, 2016