



Perkins Eastman

Photo courtesy of TripAdvisor



# DENNIS-YARMOUTH SCHOOL PROJECT

SCHOOL BUILDING COMMITTEE

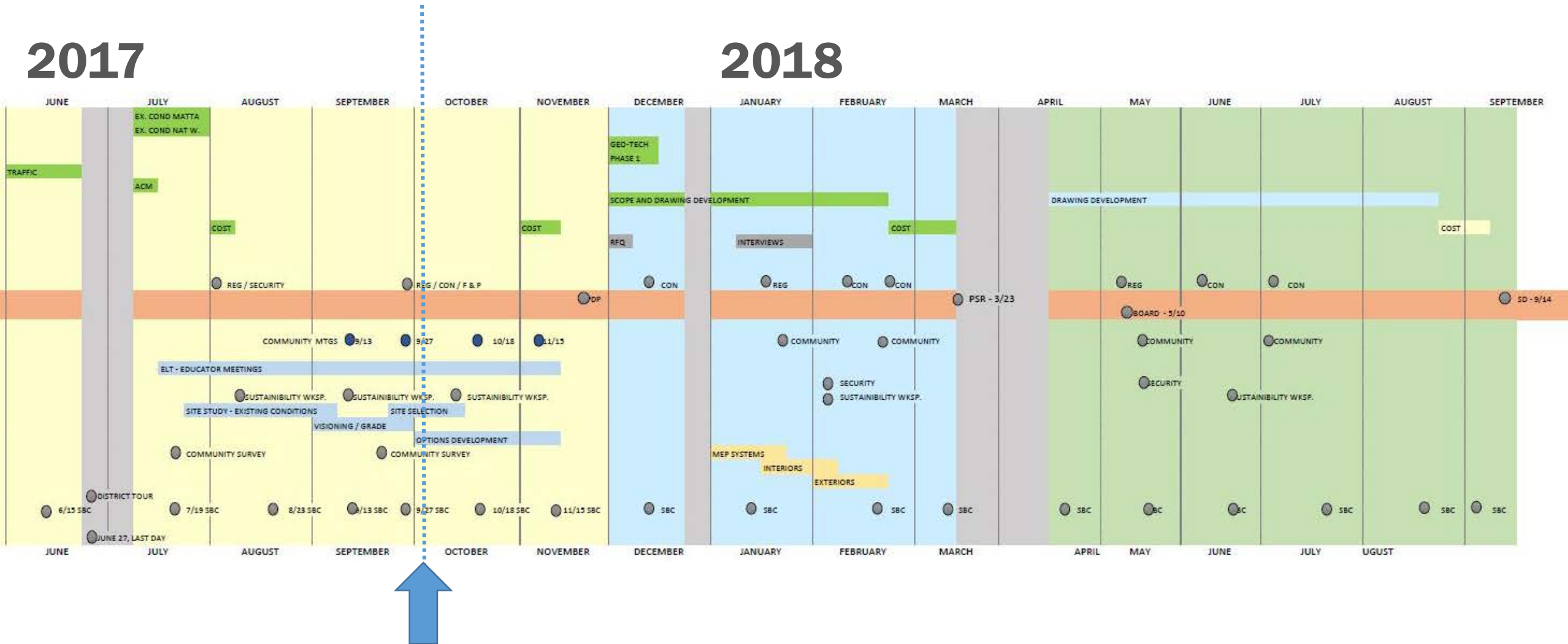
October 5, 2017



# OVERVIEW OF PROCESS

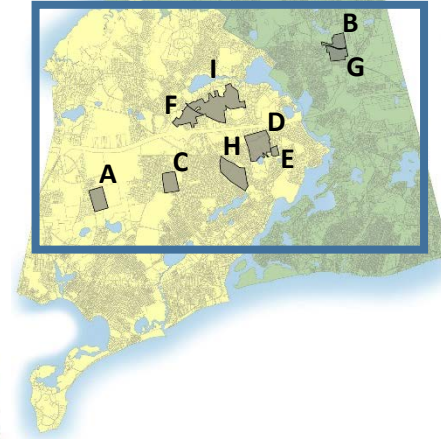
## 2017

## 2018

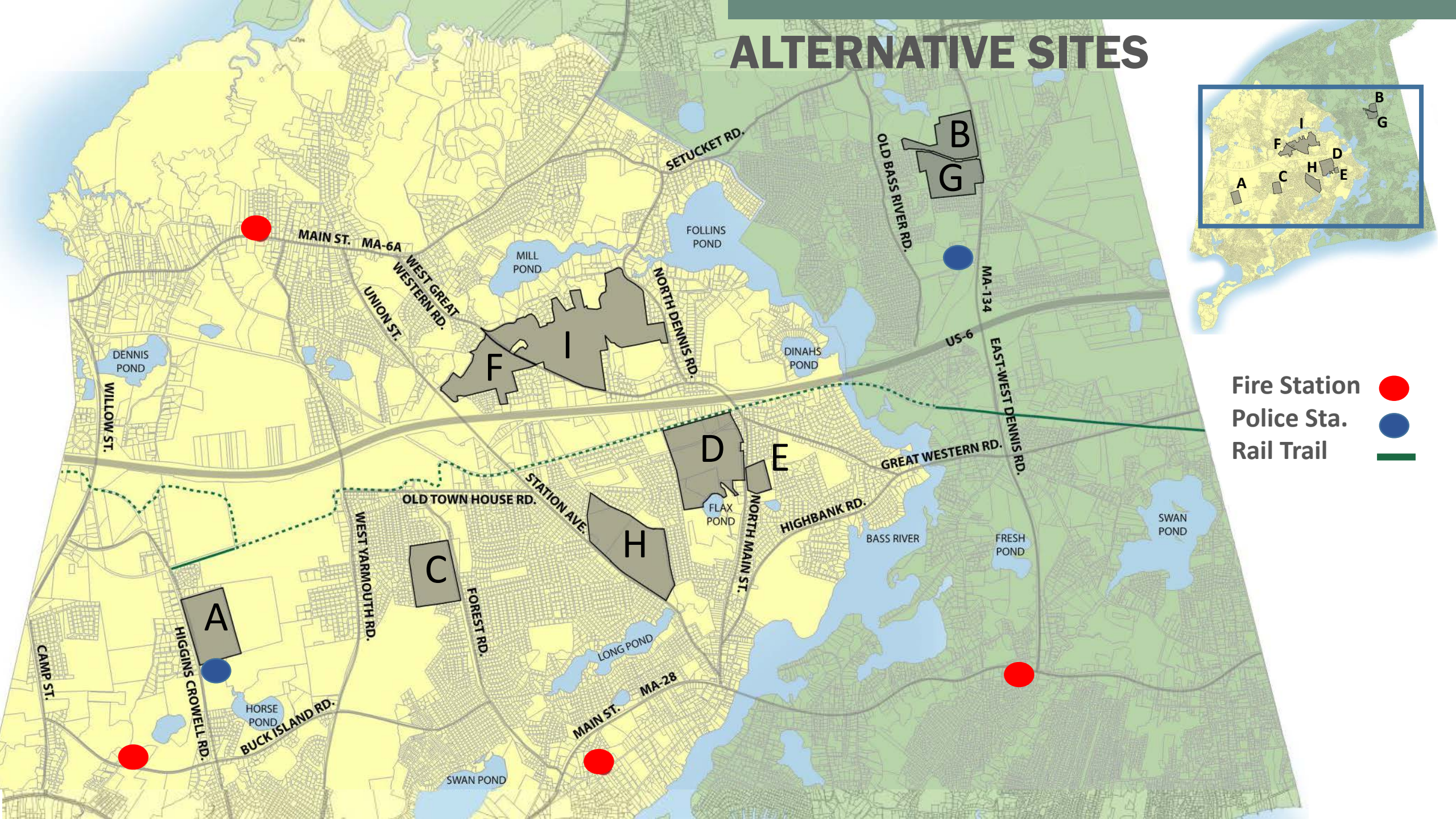




# ALTERNATIVE SITES

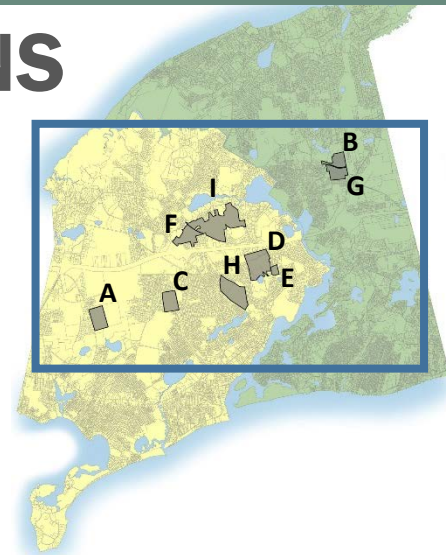


Fire Station ●  
Police Sta. ●  
Rail Trail —





# SITE CONSIDERATIONS



	A	B	C	D	E	F	G	H	I
	Existing Site (Mattacheese)	Wixon Site	450 Forest Rd	Flax Pond Recreation Area	340 North Main St	245 W Great Western Rd	815 Route 134	286 Station Ave (Elem/High)	200-236 W Great W Rd
CONSIDERATIONS									
SITE / LOCATION	Y	D	Y	Y	Y	Y	D	Y	Y
1 Available + Town/Distr. Owned	T	T	T	T	T	T	T	T/D	X
2 Legal Restrictions, Park etc.				X			X		
3 Wellfield Sites (Restricted)	N	N	X	X	X	N	N	N	N
4 Overall Size of Site (acres)	70.0	34.4	61.4	117.7	114.2	67.6	40.0	147.9	215.5
5 Buildable Area (acres)	TBD	TBD				TBD		TBD	
6 Shape of Site (fits all program)	TBD	TBD				TBD		TBD	
7 Remoteness (miles to Distr Ctr)	6.1	4.3	3.2	1.0	0.5	1.5	3.5	2.2	1.5
8 Time from District Center (minutes)	11	8	7	3	1	3	8	5	3
9 Proximity to Police/Fire*	0.4/1.4	0.9/3.6	1.7/3.0	5.9/3.6	4.8/2.1	5.4/1.9	0.6/3.2	4.4/2.0	5.4/1.9
10 Proximity to C.C. Rail Trail	0.4	1.8	0.6	0.1	0.5	0.7	1.6	0.7	0.7
11 Walkable (sidewalks leading)	N	Y	Y	Y/N	N	N	Y	Y	N
11 Range of Travel Time on Buses	TBD	TBD				TBD		TBD	
13 Traffic Impact	TBD	TBD				TBD		TBD	
COST FACTORS									
14 Site Development	TBD	TBD				TBD		TBD	
15 Site Remediation	TBD	TBD				TBD		TBD	
16 Access to Utilities	TBD	TBD				TBD		TBD	
17 Phasing/Swing Space Required	TBD	TBD				TBD		TBD	
18 Busing Increase	TBD	TBD				TBD		TBD	
RECREATIONAL IMPACT									
19 Field Replication Required	TBD	TBD				TBD		TBD	
20 Temporary Loss of Use	TBD	TBD				TBD		TBD	

\* per respective town



# SITE A - EXISTING MATTACHEESE



Zone	Req. R-40	Exist. Educ.
Setbacks:		
- Front	30ft	257ft
- Side	20ft	325ft
- Rear	20ft	50ft
Max Ht	35 Ft	<35ft

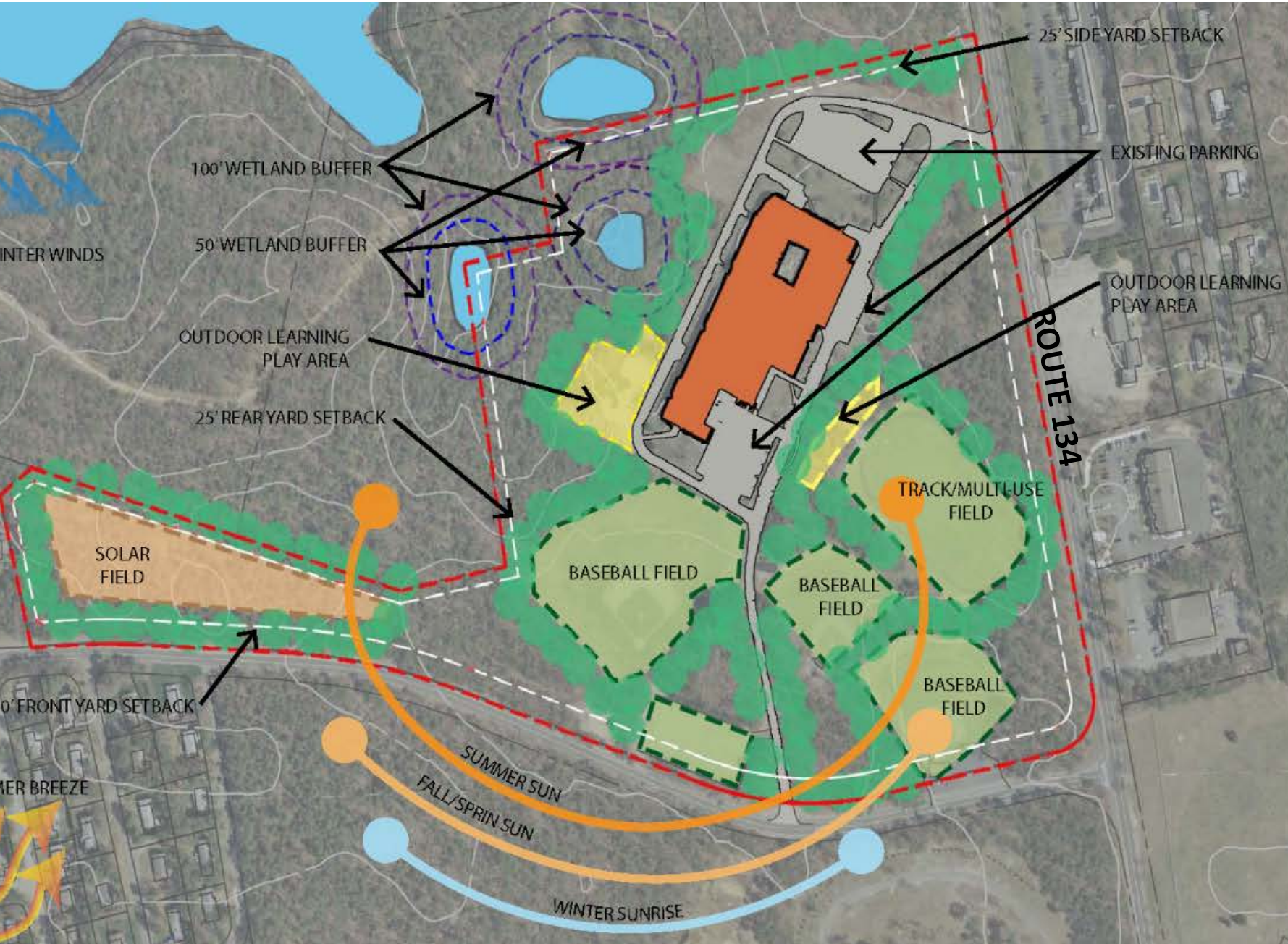
Aquifer Protection Overlay  
(migratory birds, long eared bat)

- PROPERTY LINE & SETBACK
- EXISTING BUILDINGS
- EXISTING FIELDS
- EXISTING PARKING
- SOLAR FIELD
- VEHICULAR CIRCULATION
- WETLANDS
- 50' WETLAND BUFFER
- 100' WETLAND BUFFER





# SITE B - EXISTING WIXON

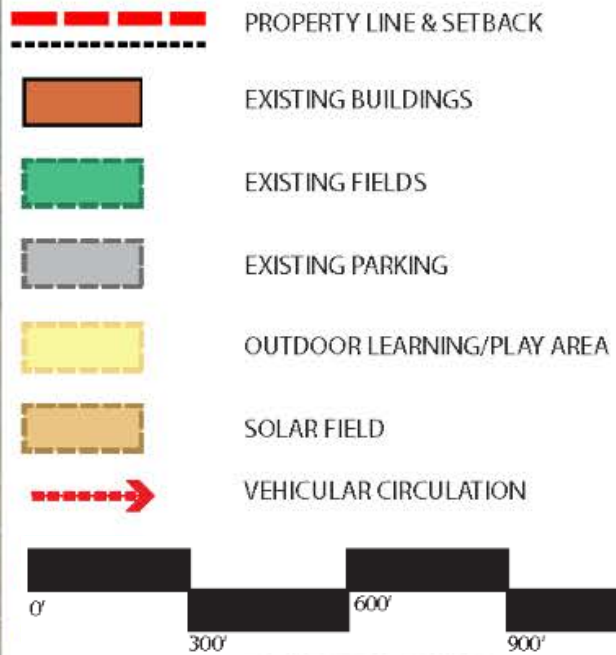


Zone	Req. R-40	Exist. Educ.
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Setbacks:

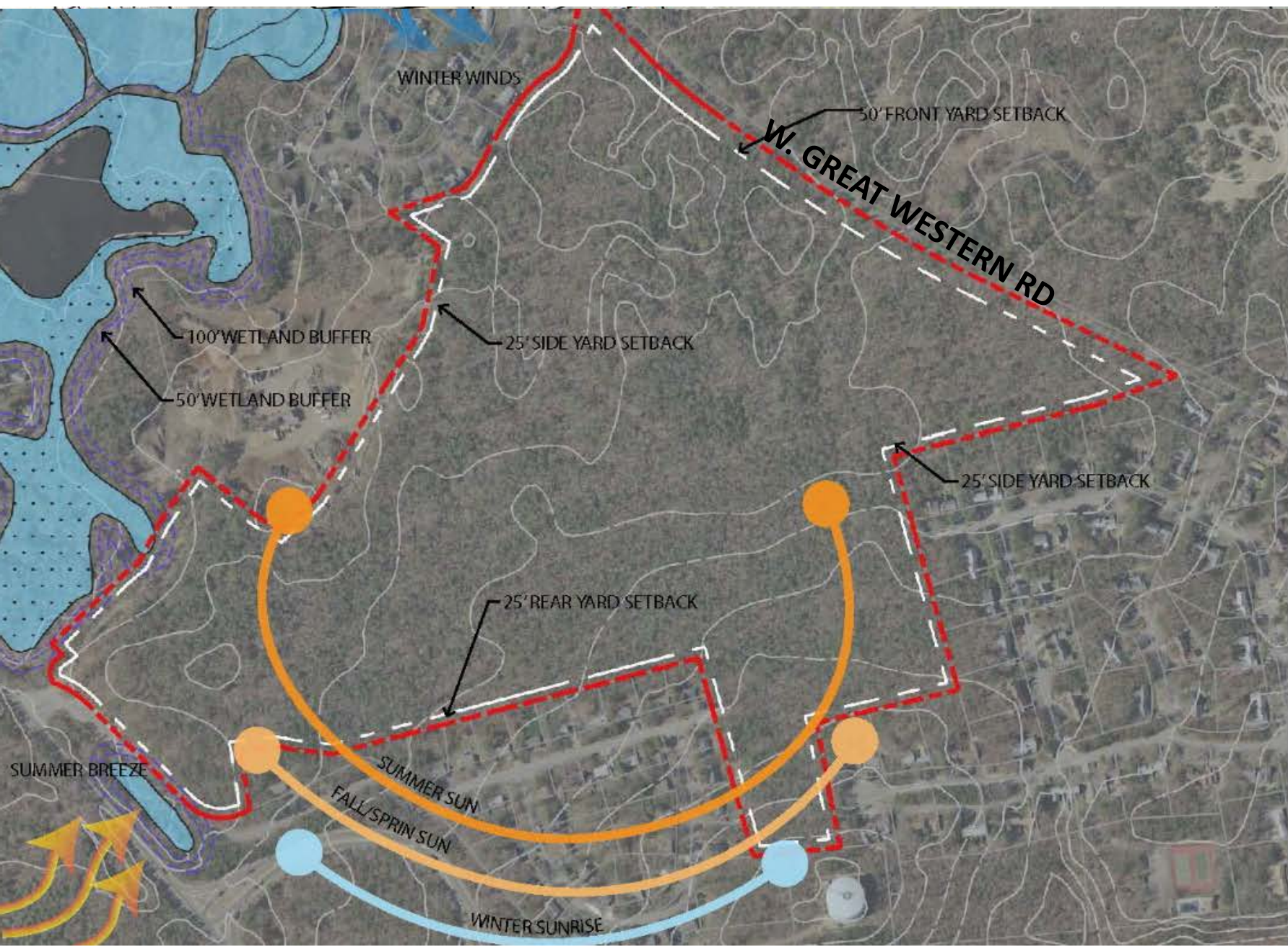
- Front	50ft	-
- Side	25ft	-
- Rear	25ft	-
Max Ht	42 Ft	<42ft

Med Wind Facility Overlay  
Wellhead Protection (N+W Side)  
Old King Hgwy Historic Overlay

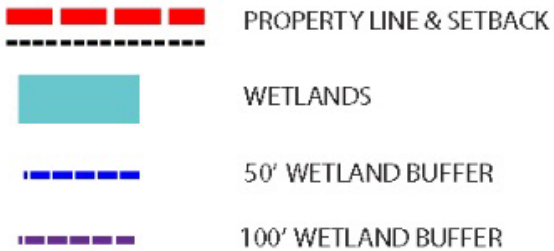




# SITE F - 245 W. GREAT WESTERN



	Req.	Exist.
Zone	R-40	Educ.
Setbacks:		
- Front	50ft	-
- Side	25ft	-
- Rear	25ft	-
Max Ht	42ft	<42ft



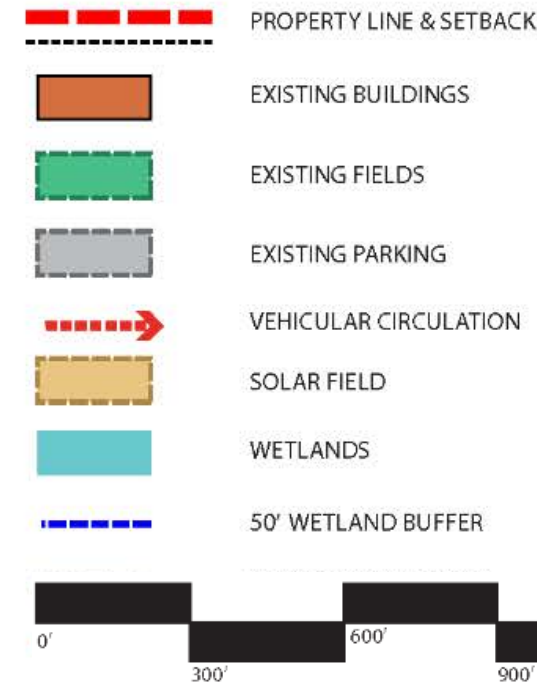


# SITE H - 286 STATION AVE



	Req.	Exist.
Zone	R-40	Educ.
Setbacks:		
- Front	30ft	257ft
- Side	20ft	325ft
- Rear	20ft	50ft
Max Ht	35 Ft	<35ft

## Aquifer Protection Overlay





# SITE CONSIDERATIONS





2017-2018 NHWS Master Schedule 8-29-17

	Monday	Tuesday	Wednesday	Thursday	Friday
8:05-8:15	Students Arrive				
8:15-8:25	Announcements and Attendance				
8:25-9:10 A Period	Art 1 - Hill PE 1 - Kuntzman Health - Dunn Music - Govoni Art 2 - W. Walker PE 2 - Gilrein Lib/Tech - Brembt	Art 1 - Kuntzman PE 1 - Hill Health - Quilty Music - Neter Art 2 - PREP PE 2 - Hennessey Lib/Tech - Eldredge	PLC: Dunn Art 1 - Fournier PE 1 - -Koumantzelis Health - Hill Music - Renzi Art 2 - Some PE 2 - Dunn Lib/Tech -	Art 1 - PREP PE 1 - Gilrein Health - Brembt Music - Slevin Art 2 - Govoni PE 2 - Kuntzman Lib/Tech - Quilty	Art 1 - Quilty PE 1 - Some Health - Kuntzman Music - PREP Art 2 - Gilrein PE 2 - Hill Lib/Tech - Fournier
9:10-9:55 B Period	Art 1 - Govoni PE 1 - PREP Health - PREP Music - PREP Art 2 - K. Walker PE 2 - Brembt Lib/Tech - Hill	Art 1 - PE 1 - Neter Health - Eldredge Music - Olson Art 2 - PREP PE 2 - Govoni Lib/Tech - PREP	Art 1 - PE 1 - Health - Govoni Music - Hill Art 2 - Eldredge PE 2 - PREP Lib/Tech - Dwyer	Art 1 - PE 1 - PREP Health - W. Walker Music - PREP Art 2 - PREP PE 2 - PREP Lib/Tech - Slevin	Art 1 - Neter PE 1 - Vath Health - PREP Music - Brembt Art 2 - PREP PE 2 - Olson Lib/Tech - Kuntzman
9:55-10:40 C Period	Art 1 - PREP PE 1 - Ames Health - Olson Music - Art 2 - HR/Smith PE 2 - Dwyer Lib/Tech - PREP	PLC: Goode Art 1 - Ames PE 1 - K. Walker Health - Dwyer Music - Art 2 - Kuntzman PE 2 - Lib/Tech - w. Walker	Art 1 - HR/Smith PE 1 - Olson Health - Ames Music - PREP Art 2 - Kuntzman PE 2 - Lib/Tech - PREP	Art 1 - Olson PE 1 - PREP Health - PREP Music - Ames Art 2 - PE 2 - Lib/Tech -	Art 1 - PREP PE 1 - W. Walker Health - K. Walker Music - Art 2 - HR/Smith PE 2 - Ames Lib/Tech - PREP
10:40-11:25 D Period	Art 1 - PE 1 - Health - Music - Art 2 - Hennessey PE 2 - Renzi Lib/Tech - PREP	Art 1 - PREP PE 1 - HR/Smith Health - PREP Music - PREP Art 2 - Harmon PE 2 - Vath Lib/Tech - Ames	Art 1 - K. Walker PE 1 - PREP Health - Music - Art 2 - Quilty PE 2 - Ames Lib/Tech - Neter	Art 1 - PE 1 - Health - Music - Eldredge Art 2 - Dwyer PE 2 - HR/Smith Lib/Tech - PREP	PLC: Eldredge Art 1 - Eldredge PE 1 - Health - Music - Art 2 - Neter PE 2 - Slevin Lib/Tech - Dunn
11:25-11:45	Recess				
11:45-12:10	Lunch				
11:55-12:15	Recess				
12:15-12:40	Lunch				
12:25-12:45	Recess				
12:45-1:10	Lunch				
12:55-1:15	Recess				
1:15-1:40	Lunch				
11:25-12:10 E Period	Art 1 - Some PE 1 - Fournier Health - Renzi Music - Dwyer Art 2 - Demanche PE 2 - Quilty Lib/Tech -	Art 1 - Renzi PE 1 - Dwyer Health - Fournier Music - Some Art 2 - Koumantzelis PE 2 - Demanche Lib/Tech -	Art 1 - PREP PE 1 - Renzi Health - Music - Fournier Art 2 - PREP PE 2 - Lib/Tech -	Art 1 - PE 1 - Quilty Health - Some Music - K. Walker Art 2 - Fournier PE 2 - Lib/Tech -	Art 1 - Dwyer PE 1 - PREP Health - Music - Demanche Art 2 - Koumantzelis PE 2 - Lib/Tech -
12:10-12:55 F Period	Related Arts Lunch	Art 1 - Dunn PE 1 - PREP Health - Slevin Music - W. Walker Art 2 - Hennessey PE 2 - PREP Lib/Tech - HR/Smith	Art 1 - W. Walker PE 1 - Brembt Health - Harmon Music - Dunn Art 2 - Slevin PE 2 - PREP Lib/Tech - Hennessey	PLC: Brembt Art 1 - Brembt PE 1 - Harmon Health - HR/Smith Music - Gilrein Art 2 - Vath PE 2 - W. Walker Lib/Tech -	Art 1 - Slevin PE 1 - Hennessey Health - PREP Music - Harmon Art 2 - Dunn PE 2 - Eldredge Lib/Tech - Govoni
1:40-2:25 G Period Enrichment & RTI	Enrichment	RTI PLC: Capparella MUSIC	Enrichment	RTI PLC: Library/Tech	Enrichment

WIXON

8 periods x 5 days = 40

(all eight 45min.)

+10min. Attendance

No Passing Time

Fixed Rel. Arts Break

Fixed RTI/Enrichment

## PROGRAMMING HIGHLIGHTS

Daily Time Schedule 2017-2018

8:25 - 8:35	Advisory	10 minutes	
	Passing	2 minutes	8:35-8:37
8:37-9:24	FIRST PERIOD	47 minutes	
	Passing	2 minutes	9:24 - 9:26
9:26 - 10:13	SECOND PERIOD	47 Minutes	
	Passing	2 minutes	10:13-10:15
10:15 - 11:02	THIRD PERIOD	47 minutes	
	Passing	2 minutes	11:02 - 11:04
11:04-12:21	FOURTH PERIOD	6th Grade LUNCH 50 minutes	11:04-11:34
	Passing	2 minutes	11:34-12:21
	6TH GRADE	47 minutes	
	7TH GRADE	7th Grade CLASS 47 minutes	11:04-11:51
	Passing	2 minutes	11:51-12:21
	7th Grade LUNCH	30 minutes	
	Passing	2 minutes	12:21-12:23
12:23-1:10	FIFTH PERIOD	47 minutes	
	Passing	2 minutes	1:10-1:12
1:12 - 1:59	SIXTH PERIOD	47 minutes	
	Passing	2 minutes	1:59-2:01
2:01-2:40	SEVENTH PERIOD	39 minutes	Will not rotate
2:50-3:50	Extra Help, Make-Up Detention, After School Activities, Faculty Meetings, Athletic Times as Posted		
3:55	Late Buses		

MATTACHEESE

7 periods x 6 days = 42

(six 47min./one 39)

+10 min. Advisory

+2min. Passing(s)



## PROGRAMMING HIGHLIGHTS

<b>A</b> <b>B</b> <b>C</b> <b>D</b> <b>E</b> <b>F</b> <b>G</b>	50 min.	Homeroom	Homeroom	Homeroom	Homeroom		
	50 min.	Advisory	Advisory	Advisory	Advisory	Advisory	Advisory
	50 min.						40 min.
	50 min.						50 min.
	50 min.						50 min.
	50 min.	RECESS-1					30 m
	50 min.	LUNCH-1					LUNCH-1
	50 min.	RECESS-2					LUNCH-2
	50 min.						30 m
	50 min.						60 min.
	60 min.	ENRCHMNT +RTI BLOCK					60 min.
							60 min.



# PROGRAMMING HIGHLIGHTS

EXISTING SCHOOLS COMBINED

Dennis-Yarmouth	WIXON INTERMEDIATE			MATTACHEESE MIDDLE			COMBINED totals		
ROOM TYPE	ROOM NFA <sup>1</sup>	# OF RMS	area totals	ROOM NFA <sup>1</sup>	# OF RMS	area totals			
CORE ACADEMIC SPACES			24,275			24,260			48,535
Classroom - General	846	24	20,363	857	17	14,561	852	41	34,924
Health	717	1	717	852	1	852	785	2	1,569
World Language			0	853	3	2,560	853	3	2,560
		25			21			46	
Sm. Grp/Resource (1 ELL/gr. w/ 5-10 stu)	889	1	889	691	1	691	790	2	1,480
Science Classroom / Lab	1,153	2	2,306	1,298	3	3,894	1,240	5	6,000
				851	2	1,702	851	2	1,702
		2			5			7	
Prep Room			0			0			0
SPECIAL EDUCATION	Note: 18% IEPs		9,434	Note: 21% IEPs		11,613	Note: 56% FRL		21,047
Self-Contained (SAILS/STAR2/NECC)	968	2	1,935	875	2	1,750	921	4	3,685
Self-Contained SPED Toilet			0			0			0
Resource Room (Rdg/Lit. & Math) +Stor	626	3	1,883	774	4	3,094	711	7	4,977
Small Group Room	205	3	616	268	1	268	221	4	884
Classroom / Academic Support	756	2	1,512	853	5	4,265	825	7	5,777
Behavioral Support / Stor	611	1	611	1,605	1	1,606	1,109	2	2,217
OT/PT (Ind. Visual Impaired Services)	1,797	1	1,797			0	1,797	1	1,797
OT/PT Storage	94	2	188			0	94	2	188
SPED Team Chair	182	1	182	253	1	253	218	2	435
Speech, Psych & Social Worker	355	2	710	189	2	377	377	2	1,087
CoTeaching Space within Classrooms			0			0			0
CoTeaching Workroom			0			0			0
ART & MUSIC			5,912			4,563			10,375
Art Classroom	1,258	2	2,515	1,439	1	1,439	1,318	3	3,954
Art Workroom w/ Storage & kiln	181	1	181	327	1	327	254	2	508
Band / Chorus - 100 seats	1,417	2	2,834	1,107	2	2,213	1,262	4	5,047
Music Practice / Ensemble			0	329	1	329	329	1	329
Music Storage	141	2	282	120	2	255	134	4	537
VOCATIONS & TECHNOLOGY			1,677			3,331			5,008
Tech Ctr. - (computer labs)	839	2	1,677	658	4	2,631	718	6	4,308
Tech Shop - (Ind. Maker Space / Stor.)			0	700	1	700	700	1	700
HEALTH & PHYSICAL EDUCATION			13,155			13,733			26,888
Gymnasium	4,750	2	9,500	7,059	1	7,059	5,520	3	16,559
Fitness Room			0	1,591	2	3,182	1,591	2	3,182
Gym Storeroom	193	6	1,158	183	5	916	189	11	2,074
Hlth Instructor Office w/ Shower & Toilet	142	2	284	152	2	304	147	4	588
Locker Rooms - Boys / Girls w/ Toilets	1,107	2	2,213	1,136	2	2,272	1,121	4	4,485
MEDIA CENTER			3,534			3,064			6,598
DINING & FOOD SERVICE			8,650			10,678			19,328
MEDICAL			744			269			953
ADMINISTRATION & GUIDANCE			3,094			4,314			7,408
CUSTODIAL & MAINTENANCE			2,465			3,494			5,959
OTHER			5,498			8,403			13,901
Auditorium (House #463 WIS/734 MMS)	5,092	1	5,092	7,269	1	7,269	6,161	2	12,361
Dressing Rooms			0	225	2	450			
Dolphin Diner (M.P. Room)			0	494	1	494	494	1	494
SRO Office			0	95	2	190	95	2	190
Backpack Room	406	1	406			0	406	1	406
Total Building Net Floor Area (NFA)			78,338			87,662			166,000
Proposed Student Capacity / Enrollment	(90 total staff)		545	(80 total staff)		455	(170 total staff)		1,000
Total Building Gross Floor Area (GFA) <sup>2</sup>			116,090			115,880			231,970
Grossing factor (GFA/NFA)			1.48			1.32			

PROPOSED					
SEPARATE GR.6-7 (455)			COMBINED GR.4-7 (940)		
ROOM NFA <sup>1</sup>	# OF RMS	area totals	ROOM NFA <sup>1</sup>	# OF RMS	area totals
		21,770			45,030
900	13	11,700	900	33	29,700
900	1	900	900	2	1,800
900	2	1,800	900	3	2,700
	16			38	
450	5	2,250	450	7	3,150
1,200	4	4,800	1,200	6	7,200
80	4	320	80	6	480
		11,070			21,590
900	2	1,800	900	4	3,600
60	2	120	60	4	240
450	4	1,800	450	7	3,150
450	1	450	450	4	1,800
900	5	4,500	900	7	6,300
600	1	600	600	2	1,200
		0	450	2	900
		0	50	2	100
200	1	200	200	2	400
150	2	300	150	4	600
100	13	1,300	100	33	3,300
		0			0
		4,750			8,000
1,200	1	1,200	1,200	2	2,400
150	1	150	150	2	300
1,500	2	3,000	1,500	3	4,500
300	1	300	300	2	600
100	1	100	200	1	200
		1,700			3,400
1,200	0	0	1,200	0	0
1,700	1	1,700	1,700	2	3,400
		8,550			11,850
3,000	2	6,000	3,000	3	9,000
	0	0		0	0
150	1	150	150	1	150
200	2	400	250	2	500
1,000	2	2,000	1,000	2	2,000
		2,996			5,785
		7,334			11,738
		570			770
		2,956			3,890
		1,930			2,850
		8,050			8,150
7,500	1	7,500	7,500	1	7,500
		0			0
		0			0
150	1	150	150	1	150
400	1	400	500	1	500
+14k (5.5spd/ft/aud/10hr)		71,676	3k (11sp/ft/aud/10hr)		122,853
		455			940
		107,514			184,280
		1.50			1.50

# **MSBA Guidelines** **Part II MSBA Educational Program & Space Standard Guidelines)**

SEPARATE GR.6-7 (455)			COMBINED GR.4-7 (940)			Comments
ROOM NFA <sup>1</sup>	# OF RMS	area totals	ROOM NFA <sup>1</sup>	# OF RMS	area totals	
950	17	16,150	950	34	32,300	850 SF min - 950 SF max
	0			0		
	17			34		
500	1	500	500	2	1,000	
1,200	4	4,800	1,200	9	10,800	1 period / day / student
80	4	320	80	9	720	
		5,540			10,570	
950	4	3,800	950	7	6,850	assumed 0% of pop. in self-contained SFED
60	4	240	60	7	420	
500	2	1,000	500	5	2,500	1/2 size Gent. Clrm.
500	1	500	500	2	1,000	1/2 size Gent. Clrm.
		3,250			5,000	
1,200	1	1,200	1,200	2	2,400	assumed use - 50% population 2 times / week
150	1	150	150	2	300	
1,500	1	1,500	1,500	1	1,500	assumed use - 50% population 2 times / week
200	1	200	200	3	600	
200	1	200	200	1	200	
		3,200			6,400	
1,200	1	1,200	1,200	2	2,400	Assumed use - 25% Population - 5 times/week
2,000	1	2,000	2,000	2	4,000	Assumed use - 25% Population - 5 times/week
		8,400			8,400	
6,000	1	6,000	6,000	1	6,000	
150	1	150	150	1	150	
250	1	250	250	1	250	
1,000	2	2,000	1,000	2	2,000	
		2,996			5,785	
		7,333			11,738	
		510			710	
		2,955			3,890	
		1,930			2,415	
		0			0	
		57,884			99,728	
		455			940	
		84,305			150,400	
		1.46			1.51	



## PROGRAMMING HIGHLIGHTS

EXISTING SCHOOLS COMBINED

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Health	717	1	717	852	1	852	785	2	1,569
World Language			0	853	3	2,560	853	3	2,560
		25			21			46	
Sm. Grp/Resource (1 ELL/gr. w/ 5-10 stu)	889	1	889	691	1	691	790	2	1,480
Science Classroom / Lab	1,153	2	2,306	1,298	3	3,894	1,240	5	6,000
				851	2	1,702	851	2	1,702
		2			5			7	
Prep Room			0			0			0
SPECIAL EDUCATION	Note: 18% IEPs		9,434	Note: 21% IEPs		11,613	Note: 56% FRL		21,047
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Small Group Room	205	3	616	268	1	268	221	4	884
Classroom / Academic Support	756	2	1,512	853	5	4,265	825	7	5,777
Behavioral Support / Stor	611	1	611	1,605	1	1,606	1,109	2	2,217
OT/PT (Ind. Visual Impaired Services)	1,797	1	1,797			0	1,797	1	1,797
OT/PT Storage	94	2	188			0	94	2	188
SPED Team Chair	182	1	182	253	1	253	218	2	435
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CoTeaching Space within Classrooms			0			0			0
CoTeaching Workroom			0			0			0
ART & MUSIC			5,912			4,563			10,375
Art Classroom	1,258	2	2,515	1,439	1	1,439	1,318	3	3,954
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Band / Chorus - 100 seats	1,417	2	2,834	1,107	2	2,213	1,262	4	5,047
Music Practice / Ensemble			0	329	1	329	329	1	329
Music Storage	141	2	282	120	2	255	134	4	537
VOCATIONS & TECHNOLOGY			1,677			3,331			5,008
Tech Ctr. - (computer labs)	839	2	1,677	658	4	2,631	718	6	4,308
Tech Shop - (Ind. Maker Space / Stor.)			0	700	1	700	700	1	700
HEALTH & PHYSICAL EDUCATION			13,155			13,733			26,888
Gymnasium	4,750	2	9,500	7,059	1	7,059	5,520	3	16,559
Fitness Room			0	1,591	2	3,182	1,591	2	3,182
Gym Storeroom	193	6	1,158	183	5	916	189	11	2,074
Hlth Instructor Office w/ Shower & Toilet	142	2	284	152	2	304	147	4	588
Locker Rooms - Boys / Girls w/ Toilets	1,107	2	2,213	1,136	2	2,272	1,121	4	4,485
MEDIA CENTER			3,534			3,064			6,598
DINING & FOOD SERVICE			8,650			10,678			19,328
MEDICAL			744			269			953
ADMINISTRATION & GUIDANCE			3,094			4,314			7,408
CUSTODIAL & MAINTENANCE			2,465			3,494			5,959
OTHER			5,498			8,403			13,901
Auditorium (House #463 WIS/734 MMS)	5,092	1	5,092	7,269	1	7,269	6,161	2	12,361
Dressing Rooms			0	225	2	450			
Dolphin Diner (M.P. Room)			0	494	1	494	494	1	494
SRO Office			0	95	2	190	95	2	190
Backpack Room	406	1	406			0	406	1	406
Total Building Net Floor Area (NFA)			78,338			87,662			166,000
Proposed Student Capacity / Enrollment	(90 total staff)		545	(80 total staff)		455	(170 total staff)		1,000
Total Building Gross Floor Area (GFA) <sup>2</sup>			116,090			115,880			231,970
Grossing factor (GFA/NFA)			1.48			1.32			

PROPOSED					
SEPARATE GR.6-7 (455)			COMBINED GR.4-7 (940)		
ROOM NFA <sup>1</sup>	# OF RMS	area totals	ROOM NFA <sup>1</sup>	# OF RMS	area totals
		21,770			45,030
900	13	11,700	900	33	29,700
900	1	900	900	2	1,800
900	2	1,800	900	3	2,700
	16			38	
450	5	2,250	450	7	3,150
1,200	4	4,800	1,200	6	7,200
80	4	320	80	6	480
		11,070			21,590
900	2	1,800	900	4	3,600
60	2	120	60	2	240
450	4	1,800	450	7	3,150
450	1	450	450	4	1,800
900	5	4,500	900	7	6,300
600	1	600	600	2	1,200
		0	450	2	900
		0	50	2	100
200	1	200	200	2	400
150	2	300	150	4	600
100	13	1,300	100	33	3,300
		0			0
		4,750			8,000
1,200	1	1,200	1,200	2	2,400
150	1	150	150	2	300
1,500	2	3,000	1,500	3	4,500
300	1	300	300	2	600
100	1	100	200	1	200
		1,700			3,400
1,200	0	0	1,200	0	0
1,700	1	1,700	1,700	2	3,400
		8,550			11,850
3,000	2	6,000	3,000	3	9,000
	0	0		0	0
150	1	150	150	1	150
200	2	400	250	2	500
1,000	2	2,000	1,000	2	2,000
		2,996			5,785
		7,334			11,738
		570			770
		2,956			3,890
		1,930			2,850
		8,050			8,150
7,500	1	7,500	7,500	1	7,500
		0			0
		0			0
150	1	150	150	1	150
400	1	400	500	1	500
+14k (5.5spd/ft/aud/10hr)		71,676	+3k (11spd/5pe/ft/aud/10hr)		122,853
		455			940
		107,514			184,280
		1.50			1.50

[illegible]

## MATTACHEESE ONLY

## Existing 27 CRs/Sci (1 Sm Grp)

**25 CRs/Sci vs 22 MSBA**  
**(5 Sm Grp vs 1 MSBA)**

# 11k SPED vs 5.5k MSBA

# Art/Mus/Tech Balance

## Seeking 8k Auditorium (aside from Cafetorium)

## Bottom Line +14k Net



## PROGRAMMING HIGHLIGHTS

EXISTING SCHOOLS COMBINED

Dennis-Yarmouth	WIXON INTERMEDIATE			MATTACHEESE MIDDLE			COMBINED totals		
ROOM TYPE	ROOM NFA <sup>1</sup>	# OF RMS	area totals	ROOM NFA <sup>1</sup>	# OF RMS	area totals			
CORE ACADEMIC SPACES			24,275			24,260			48,535
Classroom - General	846	24	20,363	857	17	14,561	852	41	34,924
Health	717	1	717	852	1	852	785	2	1,569
World Language			0	853	3	2,560	853	3	2,560
		25			21			46	
Sm. Grp/Resource (1 ELL/gr. w/ 5-10 stu)	889	1	889	691	1	691	790	2	1,480
Science Classroom / Lab	1,153	2	2,306	1,298	3	3,894	1,240	5	6,000
				851	2	1,702	851	2	1,702
		2			5			7	
Prep Room			0			0			0
SPECIAL EDUCATION	Note: 18% IEPs		9,434	Note: 21% IEPs		11,813	Note: 56% FRL		21,647
Self-Contained (SAILS/STAR2/NECC)	968	2	1,935	875	2	1,750	921	4	3,685
Self-Contained SPED Toilet			0			0			0
Resource Room (Rdg/Lit. & Math) +Stor	626	3	1,883	774	4	3,094	711	7	4,977
Small Group Room	205	3	616	268	1	268	221	4	884
Classroom / Academic Support	756	2	1,512	853	5	4,265	825	7	5,777
Behavioral Support / Stor	611	1	611	1,605	1	1,606	1,109	2	2,217
OT/PT (Ind. Visual Impaired Services)	1,797	1	1,797			0	1,797	1	1,797
OT/PT Storage	94	2	188			0	94	2	188
SPED Team Chair	182	1	182	253	1	253	218	2	435
Speech, Psych & Social Worker	355	2	710	189	2	377	377	2	1,087
CoTeaching Space within Classrooms			0			0			0
CoTeaching Workroom			0			0			0
ART & MUSIC			5,812			4,563			10,375
Art Classroom	1,258	2	2,515	1,439	1	1,439	1,318	3	3,954
Art Workroom w/ Storage & kiln	181	1	181	327	1	327	254	2	508
Band / Chorus - 100 seats	1,417	2	2,834	1,107	2	2,213	1,262	4	5,047
Music Practice / Ensemble		0	0	329	1	329	329	1	329
Music Storage	141	2	282	120	2	255	134	4	537
VOCATIONS & TECHNOLOGY			1,677			3,331			5,008
Tech Ctr. - (computer labs)	839	2	1,677	658	4	2,631	718	6	4,308
Tech Shop - (Ind. Maker Space / Stor.)		0	0	700	1	700	700	1	700
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PROPOSED					
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900	2	1,800	900	4	3,600
60	2	120	60	4	240
450	4	1,800	450	7	3,150
450	1	450	450	4	1,800
900	5	4,500	900	7	6,300
600	1	600	600	2	1,200
		0	450	2	900
		0	50	2	100
200	1	200	200	2	400
150	2	300	150	4	600
100	13	1,300	100	33	3,300
		0			0
		4,750			8,000
1,200	1	1,200	1,200	2	2,400
150	1	150	150	2	300
1,500	2	3,000	1,500	3	4,500
300	1	300	300	2	600
100	1	100	200	1	200
		1,700			3,400
1,200	0	0	1,200	0	0
1,700	1	1,700	1,700	2	3,400
		8,550			11,850
3,000	2	6,000	3,000	3	9,000
	0	0		0	0
150	1	150	150	1	150
200	2	400	250	2	500
1,000	2	2,000	1,000	2	2,000
		2,996			5,785
		7,334			11,738
		570			770
		2,956			3,890
		1,930			2,850
		8,050			8,150
7,500	1	7,500	7,500	1	7,500
		0			0
		150			150
400	1	400	500	1	500
+14k (5.5spd/ft/air/10hr)		71,676	3k (11spd/ft/air/10hr)		122,853
		455			940
		107,514			184,280
		1.50			1.50

[illegible]

## COMBINED SCHOOLS

## Existing 55 CRs/Sci (2 Sm Grp)

**51 CR/Sci vs 45 MSBA**  
**(7 Sm Grp vs 2 MSBA)**

## 21.6k SPED vs 10.5k

## Art/Mus/Tech Balance

## 9k Gym vs 6k MSBA

## Seeking 8k Auditorium (aside from Cafetorium)

## Bottom Line +23k Net



# VISIONING HIGHLIGHTS

## GUIDING PRINCIPLES V1

### 1. School and Community

#### Learning Center (82 votes)

- Professional Feel for Students, Staff, Families and Community
- Integration of Community Partnerships and Outreach
- Community Building
- Community Resource
- Integration of Local Geography
- Community Use of Designated Zones
- Staff Workrooms in Each Wing/Pod

### 2. Whole Child (51 votes)

- STEAM-Rich
- STEAM Integration with Humanities
- Art Integration
- Centralized Related Arts Areas
- Responsive to Diverse Learners
- Learning by Thinking and Doing
- Unique spaces (i.e. Kitchen lab, Recording/TV Studio)
- Collaborative Inquiry

### 3. Adaptability and Evolution (43 votes)

- Adaptable and Flexible
- Flexible Learning Spaces
- Adaptable Spaces
- Adaptable Windows

### 4. Sustainability (52 votes)

- Green Facility and Learning Environment
- Outdoor Connections
- Outdoor Learning Access (Smart So as Not to Disturb Other Learners)
- Net Zero Building

### 5. Small School Feel, Large School Pride (31 votes)

### 6. Safety (20 votes)

- Safety with Transparency in Mind
- Color Scheme to Direct Traffic and Designate Communities





# VISIONING HIGHLIGHTS

## DESIGN PATTERNS V1

- **Academic Neighborhoods** (25 votes)
  - Neighborhood Pods
  - Functional Team Spaces
- **Outdoor Learning Spaces** (20 votes)
  - Outdoor Connections
  - Welcoming Outdoor Spaces
  - Outdoor Learning
  - Community Gathering
- **Community Access** (20 votes)
  - Community Integration
- **Flexible and Agile Spaces** (15 votes)
  - Adaptable Spaces
  - Modular Furniture
- **Seamless Technology** (15 votes)
- **Common Spaces** (15 votes)
  - Breakout Sapces
  - Kids and Adults
  - Eddies
- **Transparency** (10 votes)
  - Subtle Security
- **Multi-Use Performance Spaces** (10 votes)
- **Distributed Dining** (10 votes)
  - Flexible Café
- **Good Storage** (10 votes)
  - Alternative Storage
  - Storage "Palooza"
- **Agile Classrooms** (10 votes)
  - Extended Learning Beyond Classrooms
- **Branding and Identity** (10 votes)
- **Arts Integration** (5 votes)
  - Design Thinking
- **Welcoming and Gatekeeping** (5 votes)
  - Text
- **Professional Work Environment** (10 votes)
  - Nearby Teacher Work Spaces
- **Push in Special Ed** (10 votes)
  - Text
- **Maker Spaces** (10 votes)
- **Common Spaces** (5 votes)
- **Auditorium** (5 votes)
- **Library** (5 votes)
  - Seamless Technology
- **Enrichment** (5 votes)
  - Art, Music, PE Health
- **Science Lab** (5 votes)
- **Heart of the School** (5 votes)
- **Sustainable Design** (5 votes)
- **Eclectic Design** (5 votes)
- **Learning on Display** (5 votes)





## WHOLE BUILDING

- (4) Separate 4/5 and 6/7
- (4) Sustainable School
- (4) Classroom Flexibility

## PROGRAM & SPACE NEEDS

- (9) Aud./Performance Space
- (7) Larger Classrooms
- (5) Natural Daylight
- (4) More Restrms +Gend. Neutral
- (4) Indoor Fitness (track?)

## FACULTY FORUM HIGHLIGHTS

### SYSTEMS & PERFORMANCE

- (17+7+5) Thermal + Air + Acoustics
- (8+7) Robust Technology + WiFi
- (4) No Carpeted Classrooms

### FURNITURE/EQUIPMENT

- (7) Flexible/Adjustable Furniture
- (4) Stand-Up Desks (student + tchr)

### SITE & OUTDOOR

- (5) Gardens (inside/out)
- (4+4) Outdoor CR + Greenhouse