



DENNIS-YARMOUTH SCHOOL PROJECT

SCHOOL BUILDING COMMITTEE

January 10, 2018







SCHEDULE AND DECISIONS

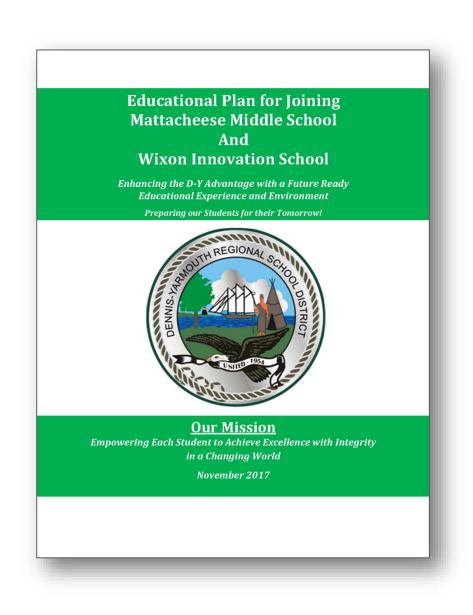
Wednesday, Jan. 10 – SBC (review options on preferred site) Wednesday, Jan. 31 – SBC (option refinements, massing & shadow studies) Thursday, Feb. 15 – SBC (options refinements + systems & energy modeling)

Wednesday, Feb. 28 - SBC Selection of Preferred Solution

Wednesday, Mar. 7- SBC (final scope review, what's in/what's out) Wednesday, Mar. 7 - Local Actions & Approvals of Solution (BoS/Fin Com/SC) Wednesday, Apr. 11 - SBC (cost discussion)

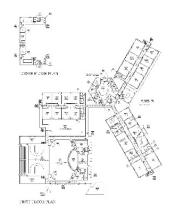
Monday, Apr 23 - Joint BoS, Finance, School Committee (update)

Wednesday, May 9 - Compile & Submit PSR Wednesday, May 23 - MSBA Facilities Assessment Subcommittee Meeting Wednesday, Jun. 27 - MSBA Board of Directors Approval of PSR



RECAP - EDUCATIONAL PLAN

- Desire to Extend MMS Day (match Wixon)
- Combined Grade Configuration and Central Location Preferred
- Small School Feel (separate zones)
- Zoned for Community Use/Access
- Academic Clusters
- Support Co-Teaching
- Flexible/Agile Spaces (incl. folding walls)
- Small Group / Pull-out Spaces Needed
- Transparency
- Small Class Sizes (20)
- Robust Music Needs
- Substantial Special Education
- 2 Lunch Seatings
- Outdoor Learning



MRX MATTACHEESE SITE CODE + REPAIRS ONLY

Relatively Flat Site, 70 acres (40 useable)

Limited Constraints

- Aquafer Protection Distr.
- Adjacent Wetland

Repair cost triggers 30% threshold requiring full accessibility compliance & Renovation

Waffle slab construction difficult to renovate – limited room for modern mechanical systems

Will not meet educational program – MSBA Core Program will not support

Occupied phased renovation cost prohibitive & disruptive



M2 MATTACHEESE SITE ALL NEW (GR. 4-7)

Relatively Flat Site, 70 acres (40 useable, 25 developed)

Limited Constraints

- Aquafer Protection Distr.
- Adjacent Wetland

Able to satisfy educational program

Virtually no impact to school

Allows use of more cost effective chapter 149 procurement

Will require demolition of existing buildings – Should be reimbursable

Not centrally located



W2 WIXON SITE ALL NEW (GR. 4-7)

Partial Sloping Site, 34.4 a (30 useable, 23 developed)

Several Constraints

- Wellhead Protection Distr
- Old King Highway Historic
 Adjacent Wetland

Able to satisfy educational program

Access to bikeway, existing playground

Limits impact to school

Allows use of more cost effective chapter 149 procurement

Not centrally located



S2 STATION AVE. SITE ALL NEW (GR. 4-7)

Relatively Flat Site, 148 acre (57 useable, 21 developed)

Limited Constraints

part Aquafer Protect Distr.Wetlands

Able to satisfy educational program

Limits impact to school

Allows use of more cost effective chapter 149 procurement

Centrally located

Campus setting

Tight proximity to residential



PREFERRED OPTIONS (GR. 4-7)

S4 STATION AVE. SITE ALL NEW (GR. 4-7)

Relatively Flat Site, 148 acre (57 useable, 24 developed)

Limited Constraints

- part Aquafer Protect Distr.
- Wetlands, but not adjacent

Able to satisfy educational program

Limits impact to schools

Allows use of more cost effective chapter 149 procurement

Does address existing deficiencies at Wixon as outlined in SOI

Centrally located

Tight to existing maintenance buildings

Loss of athletic field



S6 STATION AVE. SITE ALL NEW (GR. 4-7)

Relatively Flat Site, 148 acre (57 useable, 22 developed)

Limited Constraints

- part Aquafer Protect Distr.
- Wetlands, but not adjacent

Able to satisfy educational program

Virtually no impact to school(s)

Allows use of more cost effective chapter 149 procurement

Centrally located

Campus setting, Street presence

Dependent upon cost and terms of relocating existing solar panel array

PREFERRED OPTIONS (GR. 4-7)

STATION AVE SITE-WESTSTATION AVE SITE-WESTSTATION AVE SITE-BACKSTATION AVE SITE-BACKSTATION AVE SITE-MID.STATION AVE SITE-MID	
(40 useable/25 developed)(40 useable/25 developed	MUNITY SPINE AVE SITE-MID.
- Aquafer Protection Distr. - Adjacent Wetland- Aquafer Protection Distr. - Adjacent Wetland- Aquafer Protection Distr. - Adjacent Wetland- Aquafer Protection Distr. 	y Flat Site, 70 acre ble/25 developed)
Minimal Field Replication Minimal Field Replication Minimal Field Replication Moderate Field Replication No Field Replication Req'd No Field Replication Req'd No Field Replication Req'd	Constraints r Protection Distr. nt Wetland
	Replication Req'd
Contiguous CR's/Flexibility Separate/Distinct CR wings Contiguous CR's/Flexibility Separate/Distinct CR wings Civic Presence/Frontage Civic Presence/Frontage Civic Presence/Frontage	sence/Frontage
Major Tree Clearing Req'd Major Tree Clearing Req'd Solar Field Approach Pinch Good Campus Connectivity Good Campus Connectivity Good Campus Connectivity	mpus Connectivity
	ous CR's/Flexibility
Maintenance Facilities Solar Array Relocation Solar Array Relocation Main En	ries Not in Front
Solar Ar	ay Relocation

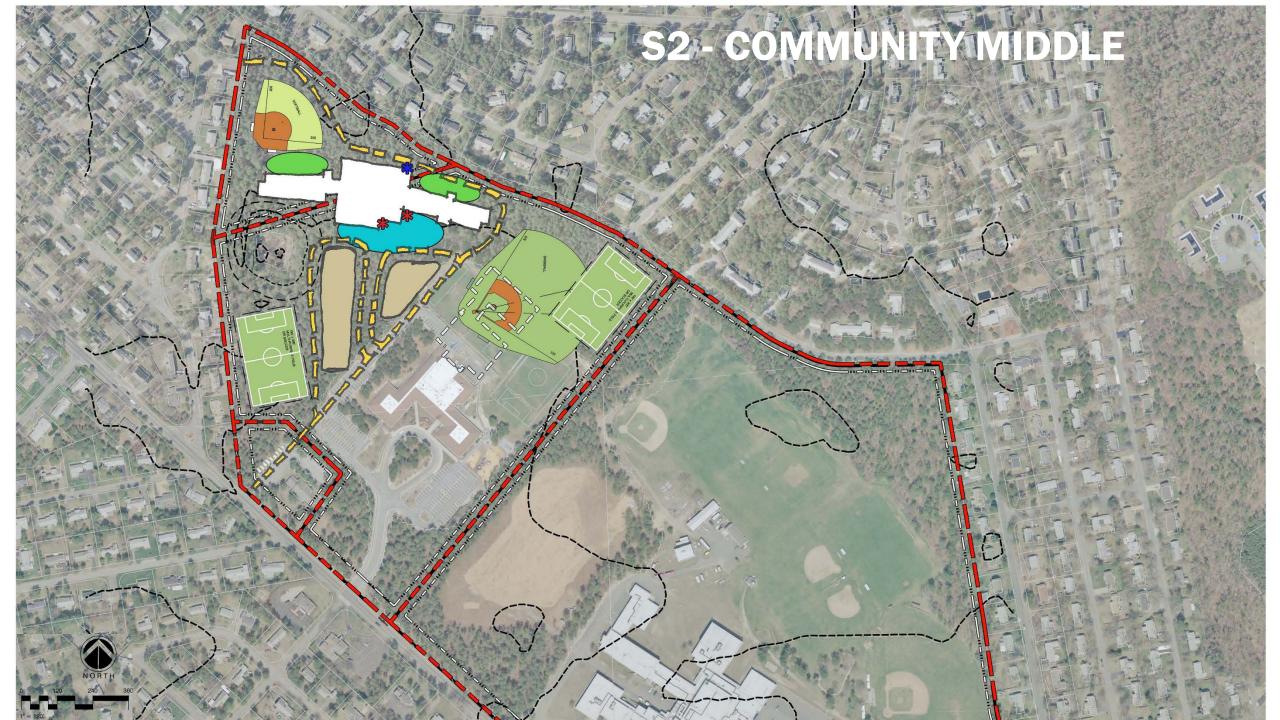


S2 - COMMUNITY FRONT

معتدلطفيت



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S2 - COMMUNITY MIDDLE





S4 - COMMUNITY FRONT

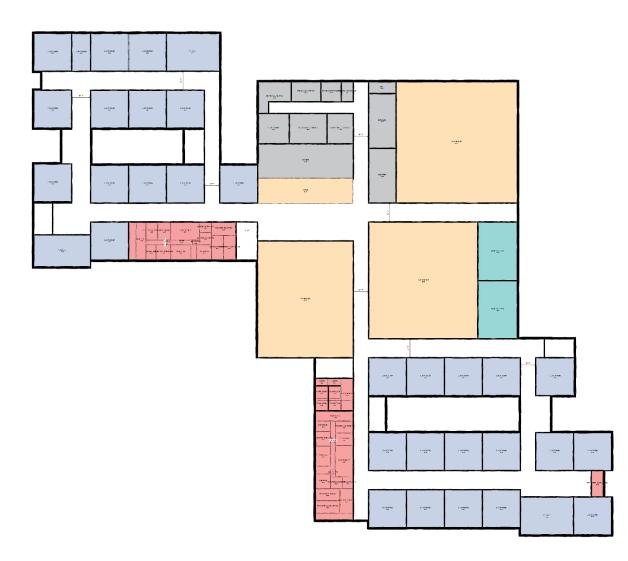
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S4 - COMMUNITY MIDDLE



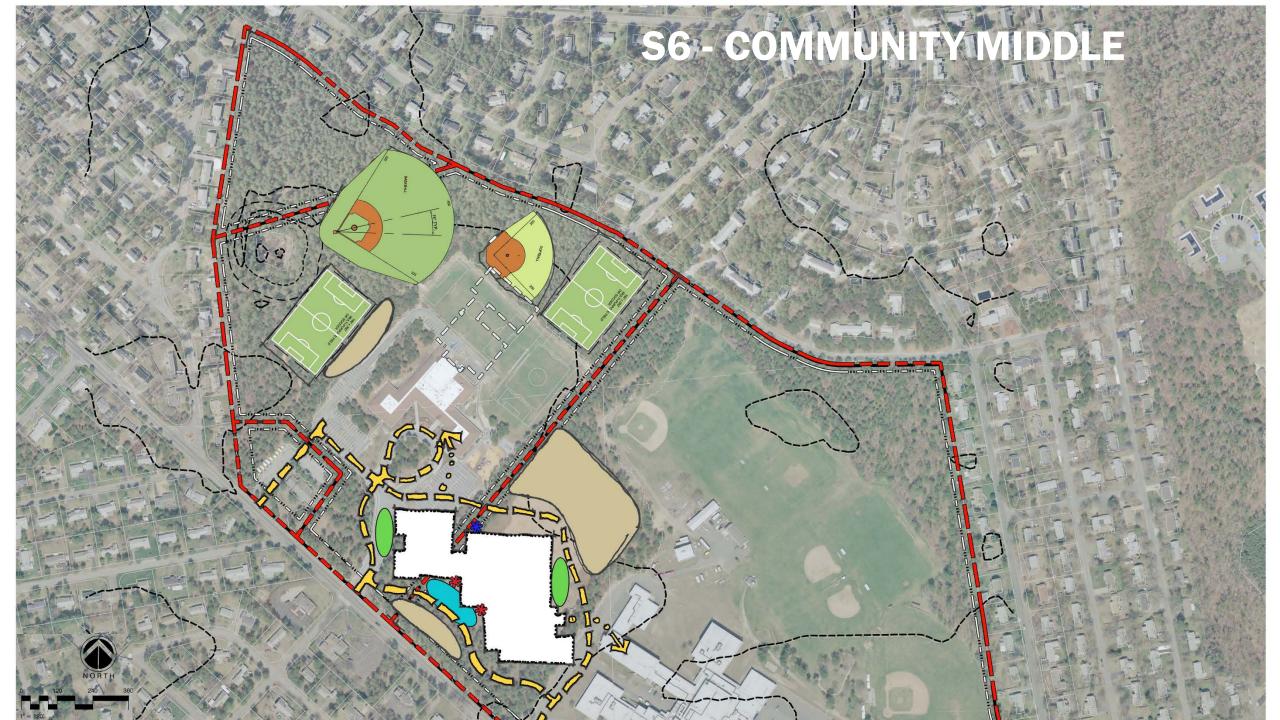


S6 - COMMUNITY FRONT

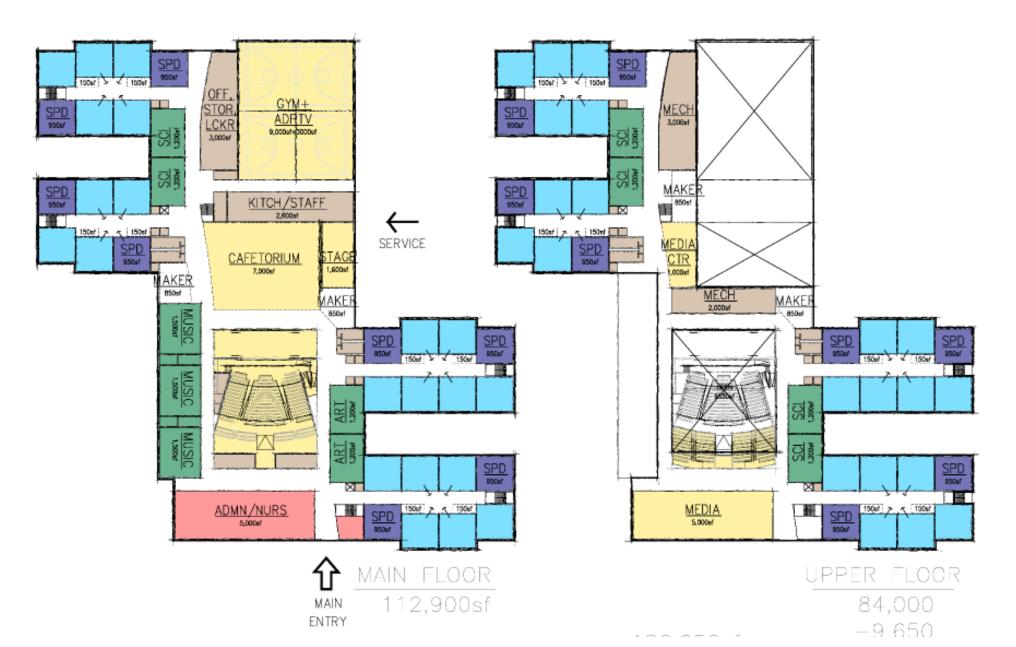
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S6 - COMMUNITY MIDDLE





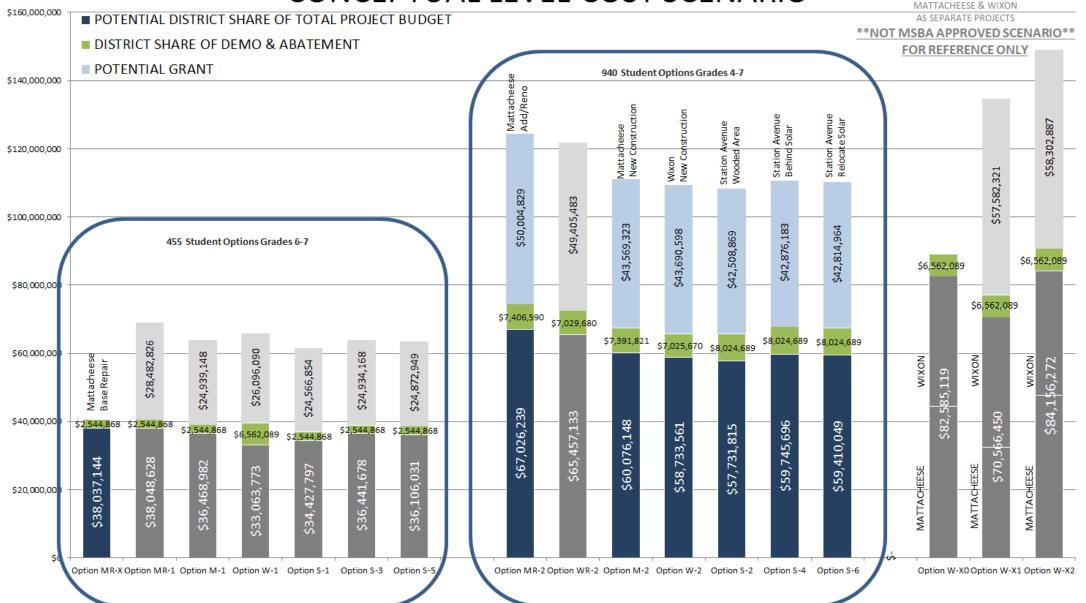
S6 - COMMUNITY SPINE





OVERALL COST COMPARISONS

CONCEPTUAL LEVEL COST SCENARIO

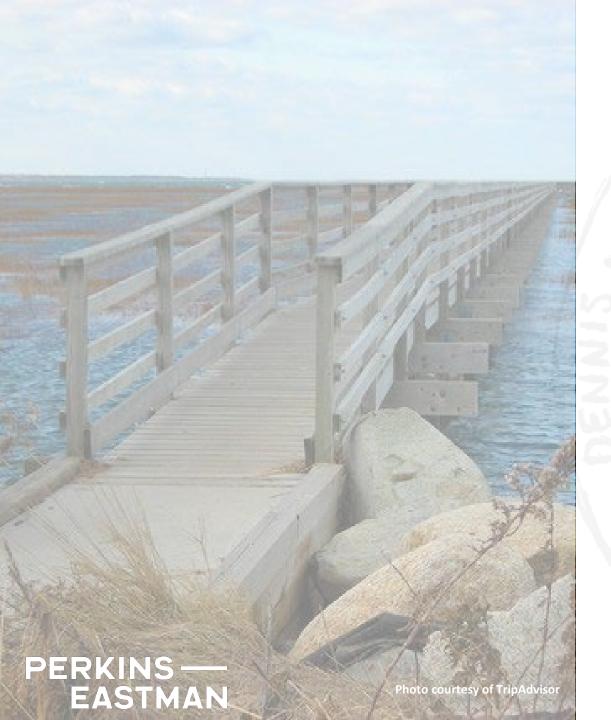


PROJECT SCHEDULE (1/2)

	- AGGRESSIVE FS SCHEDULE		A Project Layout		09-Jan
vity ID	Activity Name	Original Start Duration	Finish	Total F M Float	A M J J A S O N D J F M A M J J A S O N D J
lattachee	se MS - AGGRESSIVE FS SCHEDULE				
OPM Sele	ection				
A1000	OPM Interviews	0 26-Jan-17 A		OPM In	iterviews
A1010	OPM Selection Period	10 26-Jan-17 A	31-Jan-17 A	ΦPM	Selection Period
A1020	MSBA OPM Selection Panel	1 06-Mar-17 A	06-Mar-17 A	M	ISBA OPM Selection Panel
Designer	Selection				
A1030	OPM Draft Designer RFS	5 01-Feb-17 A	07-Mar-17 A	 d	PM Draft Designer RFS
A1400	Newspaper Ad Submission	1 09-Mar-17 A	09-Mar-17 A	(T i i	vewspaper Ad Submission
A1040	MSBA Approval Designer RFS	10 07-Mar-17 A	15-Mar-17 A		MSBA Abproval Designer RFS
A1380	Central Register Ad Submission (Thursday Deadline)	1 15-Mar-17 A	15-Mar-17 A		Central Register Ad Submission (Thursday Deadline)
A1060	Newspaper Advertisement Appears (Sunday)	1 19-Mar-17 A	19-Mar-17 A		
A1390	Central Register Ad Appears (Wednesday)	1 22-Mar-17 A	22-Mar-17 A	I I I	Newspaper Advertisement Appears (Sunday) Central Register Ad Appears (Wednes¢ay)
A1050	Designer RFS Response Period	13 22-Mar-17 A	07-Apr-17 A		Desigher RFS Response Period
A1410	SBC Meeting (moved to Apr 12th)	1 12-Apr-17 A	12-Apr-17 A		\$BC Meeting (moved to Apr 12th)
A1430	Initial RFS Review - Prep for SBC Presentation	3 10-Apr-17 A	12-Apr-17 A		Initial/RFS Review - Prep for SBC Presentation
A1070	Evaluate Responses & Submit to MSBA	5 10-Apr-17 A	13-Apr-17 A		Evaluate/Responses & Submit to MSBA
A1420	Complete Reference Checks	10 10-Apr-17 A	26-Apr-17 A		Complete Reference Checks
A1080	Designer Selection Panel Mtg #1	0	02-May-17 A		Designer Selection Panel Mtg #1
A1090	Designer Selection Panel Mtg #1	0	16-May-17 A		Designer Selection Pahel Mtg #2
A1100	Negotiate & Execute Contract	10 17-May-17 A	15-Jun-17 A		Pesquei Scieuti Parennig #2
	Iry Design Program	10 17-11129-17-0	13-00II-17 A		
		00 44 Map 47 A	45 his 47 h		
A1110	School Dept Update Education Program	60 14-Mar-17 A	15-Jun-17 A		School Dept Update Education Program
A1470	PMA Project Presentation to Joint BoS/Fincom	1 27-Jun-17 A	27-Jun-17 A		PMAProject Presentation to Joint BoS/Findom Formation of D-Y Regionalization Subcommittee (BoS!& Fincom)
A1460	Formation of D-Y Regionalization Subcommittee (BoS & Fincom)	1 11-Jul-17 A	11-Jul-17 A		Educational Leadership Team Meeting #01; [23Aug 18]
A1500	Educational Leadership Team Meeting #01 [23Aug18]	1 23-Aug-17 A	23-Aug-17 A		Educational Leadership learn Meeting #01[23Aug18]
A1130	Evaluation of Existing Conditions	55 16-Jun-17 A	31-Aug-17 A		
A1480	Visioning Session #1 [20Sep18]	1 20-Sep-17 A	20-Sep-17 A		Visioning Session #1 (20sep 16) Visioning Session #2 [28Sep 18]
A1490	Visioning Session #2 [28Sep18]	1 27-Sep-17 A	27-Sep-17 A		Visioning Session #2[285ep16]
A1150 A1120	Preliminary Evaluation of Alternatives	90 15-Jun-17 A	05-Oct-17 A 18-Oct-17 A		Preliminary Evaluation of Attentiatives
	Draft Initial Space Summary	4 20-Sep-17 A			╆╴╴┥╴╾╸╅╴╶╾┾╶╍╴┾╴╴╸┪╴╍ <u>╸╅╼╺</u> ╍┝╼╸┥╍╴┥ <mark>╸</mark> ┍┝╶╸┥╍╴┽╸╴╸┝╴╴╸┟╴╸╸┾╴╸╸┝╴╴╸╎╴╸╴┽╴╸╸┝╴╸┥╴╸╴
A1140	Establish Site Development Requirements	15 20-Sep-17 A	18-Oct-17A		Establish Site Development Requirements
A1190 A1210	Education Program Refined with Designer Input	81 16-Jun-17 A 18 05-Oct-17 A	18-Oct-17 A 08-Nov-17 A		Education Program Refined with Designer Input
A1210	Cost & Schedule Analysis of PDP Alternatives	5 18-Oct-17 A	15-Nov-17 A		Cost & Schedule Analytis of PDP Atternatives
A1200 A1220	Final Review & Acceptance of Education Program	5 18-Oct-17A 5 18-Oct-17A	15-Nov-17 A		SBC Approval of PDP Alternatives (11/15/17 Deadline)
A1220 A1160	SBC Approval of PDP Alternatives (11/15/17 Deadline) Compile & Submit PDP to MSBA	4 16-Nov-17 A	15-NOV-17 A 21-Nov-17 A		SBCApproval of PDP Attendives (11/15/17 Deadline)
A1160 A1170	MSBA Review Period	4 16-NOV-17 A 15 22-Nov-17 A	21-NOV-17 A 10-Jan-18	0	MSBA Review Period
A1170 A1180	Respond to MSBA Review Comments	15 22-Nov-17 A 10 11-Jan-18	10-Jan-18 24-Jan-18	0	Respond to MSBA Review Comments
		10 11-0411-10	24-Jan-10		
	Schematic Report	00 44 5 47	40.1-40		
A1230	Evaluation of Existing Conditions (Phase II Exploration)	22 14-Dec-17 A	12-Jan-18	23	Évaluation of Existing Conditions (Phase II Exploratio
A1240	Final Evaluation of Alternatives PE Compile Scope for Estimators	30 25-Jan-18 6 08-Mar-18	07-Mar-18 15-Mar-18	0	Final Evaluation of Alternatives
A1600					

PROJECT SCHEDULE (2/2)

	GGRESSIVE FS SCHEDULE			A Project Layout		_				_			_					_				_	Jan-18 12
tivity ID	Activity Name	Original Duration	Start	Finish	Total Float	F N	M A	M	JJJ		S			J	F M		M .	11 11 1 1		s (N C		JF
A1250	Identification and Development of Preferred Solution	20	08-Mar-18	04-Apr-18			÷					шµп і	÷			ldie	ntifica	ation a	nd De	velop	mento	df Prefe	erred St
A1450	Finalize Conceptual Estimates	10	22-Mar-18	04-Apr-18	5											🖣 Fin	alize (Cono	eptual	Estim	ates		
A1610	Reconcile Conceptual Estimates	8	05-Apr-18	16-Apr-18	5												lecon	cile C	oncept	tual E	stimat	es	
A1260	PMA Draft Local Actions and Approvals Document	4	26-Apr-18	01-May-18	0			11								1	PMA	Draf	Local	Action	is and	Appro	vals Do
A1310	Compile and Submit PSR [Due 09May18]	5	03-May-18	09-May-18*	0												Cor	mpile	and Su	ıbmit	P\$R[Due 09	9May18
A1290	MSBA Facilities Assessment Subcommittee Option #1 [23May18]	1	23-May-18	23-May-18*	0												M	ISBA	Facilitie	s Ass	essm	ent Sul	bcommi
A1280	MSBA PSR Review Period	15	10-May-18	30-May-18	10												— 1	M\$B/	PSRI	Revie	w Peri	iod	
A1440	MSBA Facilities Assessment Subcommittee Option #2 [06Jun18]	1	06-Jun-18	06-Jun-18*	0													MSB	AFacil	ities A	ssess	mentS	Subcom
A1300	Response to MSBAPSR Review Comments Due	10	31-May-18	13-Jun-18	10	1		11					1			ΤÎ		Res	ponse	to MS	BAP	SR Re	view Co
A1270	MSBA Board of Directors Approval of PSR [27Jun18]	0		27-Jun-18*	0													2 M	SBA B	oard	ofDire	ctors A	\pprova
PSR Meeti	ng Schedule																						
A1640	Athletic Field Review Meeting	1	11-Dec-17 A	11-Dec-17 A				1 1					1	thletic	Field	Reviev	v Mee	eting	1				
A1510	SBC Meeting - Narrow List of Options	1	13-Dec-17 A	13-Dec-17 A										SBCIN	Neeting	j - Nar	row Li	istof	Option	s			
A1520	SBC Meeting - Updated Site & Floor Plans & Further Narrow Options	1	10-Jan-18 A	10-Jan-18 A	1									S	BC Me	eting -	Upda	ited S	ite & Fl	oor P	lans &	Furthe	er Narro
A1660	Faculty Focus Group Meetings	5	10-Jan-18*	16-Jan-18	38										aculty	Focus	Grou	рМе	etings				
A1530	SBC Meeting - Massing/Shadow Studies, Traffic, Field & Abutters Update	1	31-Jan-18*	31-Jan-18	32										SBCI	Meetin	g - Ma	assing	/Shad	ow St	udies,	Traffic	; Field 8
A1650	Abutters Meeting	1	31-Jan-18*	31-Jan-18	32										Abutte	ers Me	eting						
A1670	Security, Sustainbility and MEP Systems Workshops	5	05-Feb-18*	09-Feb-18	25										Secu	urity, S	ustain	biity a	and ME	EP Sy	stems	Works	shops System
A1540	SBC Meeting - Prelim Energy Models & MEP Systems	1	15-Feb-18*	15-Feb-18	22	1		11					1		SB	C Mee	ting - I	Prelin	Energ	y Mo	dels 8	MEP	System
A1550	SBC Meeting - Final Scope Review Prior to Estimating	1	07-Mar-18*	07-Mar-18	9											SBC M	eeting	g - Fin	al Sco	pe Re	viewl	Prior to	Estima
A1560	SBC Meeting - Cost Discussion	1	17-Apr-18*	17-Apr-18	5												BC N	Neetin	g - Cos	st Dis	ussio	n i	
A1570	SBC Meeting - Vote to Select Preferred Design & Submit PSR	1	25-Apr-18*	25-Apr-18	0											1	SBCI	Meeti	ng - Vo	te to	Select	Prefer	red De
A1580	SBC Meeting - Vote to Certify Minutes (Local Actions & Approvals)	1	02-May-18*	02-May-18	0											11	SBC	Mee	ting - V	oteto	Certif	iy Minu	tes (Loc
Permitting						1													T		1		
A1680	Submit PNF to MHC	10	05-Apr-18	18-Apr-18	0											۹ 📕	Submi	t FNF	to MH	С			
A1690	MHC Review Period	25	19-Apr-18	23-May-18	0												M	IHC F	leview	Perio	d		
Schematic	Design																						
A1590	Deadline for Submission of State Ballot Question to AG	1	02-Aug-18	02-Aug-18*	0	i		1 1	1			i	1		i i	11		1	De	adline	for St	ubmiss	ion of S
A1320	Schematic Design Period (Begin after FAS)	100	24-May-18	10-Oct-18	0	1	1	1 1	1		Ī		1		1	11					Sche	ematic I	Design
A1330	Compile and Submit SD to MSBA [Due 17Oct18]	5	11-Oct-18	17-Oct-18*	0																Cor	npile a	nd Sub
A1700	Project Funding Vote	1	06-Nov-18	06-Nov-18*	0											1 1					F	roject	Funding
A1340	MSBA Review Period	15	18-Oct-18	07-Nov-18	10	į.										11						USBA	Review
A1350	Respond to MSBA Review Comments	10	08-Nov-18	21-Nov-18	15																1	Resp	ond to
A1370	Establish Project Funding Agreement	15	08-Nov-18	28-Nov-18	10	1		1						1		11	1		11			Esta	ablish Pr
A1360	MSBA Board Approval of Project Scope and Budget [12Dec18]	0		12-Dec-18*	0																	\$ M	SBA Bo
Funding A	uthorization																						
A1620	Town Meeting - Town of Yarmouth - Project Update	1	13-Apr-18*	13-Apr-18	0											11	own N	/ eetir	g - Tov	wn of	Yarmo	outh - P	Project U
A1630	Town Meeting - Town of Dennis - Project Update	1	08-May-18*	08-May-18	0			1 1	1				1		1	1	Tov	vn Me	eting -	Town	ofDe	ennis - I	Project
A1720	July Board of Selectmen [DATES TO BE CONFIRMED] - Ballot Vote Author	ization 22	02-Jul-18*	31-Jul-18	0	<u>†</u>		7-1	···-				1	ΙŤŤ		T	j		July	Boar	dofS	electm	en [DA
A1730	Deadline for Submission of State Ballot Question to AG	1	01-Aug-18	01-Aug-18*	0														De	adline	for Su	ubmissi	ion of S
A1740	October Town Meeting Vote [DATES TO BE CONFIRMED] - Warrant Article	23	01-Oct-18*	31-Oct-18	0																•	ctober	Town N
A1750	Local Funding Authorization - Ballot Vote		06-Nov-18	06-Nov-18*	0																		unding
Project Bas Actual Wo	• • • •		Pag	ge 2 of 2	4	-													ľ	014	PM	A Con	sultar





DENNIS-YARMOUTH SCHOOL PROJECT

SCHOOL BUILDING COMMITTEE

January 10, 2018





