



DENNIS-YARMOUTH SCHOOL PROJECT

SCHOOL BUILDING COMMITTEE April 11, 2018







SCHEDULE AND DECISIONS

- Wednesday, Jan. 10 SBC (review options preferred site)
- Wednesday, Jan. 31 Abutters Meeting #1
- Wednesday Jan. 31 SBC (options refinements, massing & shadow studies)
- Thursday, Feb. 15 SBC (options refinements + systems & energy modeling)
- Wednesday, Feb. 28 SBC (options refinements + re-evaluation of sites and plans)
- Wednesday, Feb. 28 Abutters Meeting #2
- Wednesday, Mar. 8 SBC Selection of Preferred Solution
- Wednesday, Apr. 11 SBC (cost discussion following estimate reconciliation)
- Monday, Apr. 23 Joint BoS, Finance, School Committee
- Wednesday, Apr. 25 SBC (vote to submit Preferred Schematic Report)
- Wednesday, May 9 Compile & Submit PSR
- Wednesday, May 23 MSBA Facilities Assessment Subcommittee Meeting
- Wednesday, Jun. 27 MSBA Board of Directors (for PSR approval)

PROJECT SCHEDULE (1/2)

	- Master Project Schedule		PMA MSE	A Project Layo																									05-Apr		11:4
tivity ID	Activity Name	Original Start Duration	Finish	Total F Float	M	A	м	J	J	A S	S C		N		F	M	A	M	J	J	A	S	0	N	D	J	FI	A N	M	J	
Mattachoos	e MS - Master Project Schedule				ЩШ	ЩШ	ЩЩ	ЩЦ	ЩЦ	ЩЦ	ЩШ	ЩЦ	Щ	ЩШ	ЩП	ЩЦ	ЩШ	μш	ЩЦ	цш	μш	Щ	Щ	Щ	ШЙ	Щ	ЩЦ	ЩШ	ЩШ	ЩШ	Щ
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A1000	OPM Interviews	0 26-Jan-17 A			PM Int	tenie																									
A1000	OPM Selection Period	10 26-Jan-17 A	31-Jan-17A				on Pen	ind																							
A1010	MSBA OPM Selection Panel	1 06-Mar-17 A	06-Mar-17 A				OPM S		on Pa	nel																					
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A1030	OPM Draft Designer RFS	5 01-Feb-17 A	07-Mar-17 A				paper A																								
A1400	NewspaperAd Submission	1 09-Mar-17 A	09-Mar-17 A				AAppro																								
A1040	MSBA Approval Designer RFS	10 07-Mar-17 A	15-Mar-17 A				ral Regi						. _																		
A1380	Central Register Ad Submission (Thursday Deadline)	1 15-Mar-17 A	15-Mar-17 A		. 	Cent	ral Regi spaper	ister A	vd Sub	omissi	oni(Th	hursd	lay D	eadlin	e)	_		<u> </u>			ļ	Ļ								_	
A1060	Newspaper Advertisement Appears (Sunday)	1 19-Mar-17 A	19-Mar-17 A											0																	
A1390	Central Register Ad Appears (Wednesday)	1 22-Mar-17 A	22-Mar-17 A				fral Re						day)			1		1				1									
A1050	Designer RFS Response Period	13 22-Mar-17 A	07-Apr-17 A		•	-)esigne															1									
A1410	SBC Meeting (moved to Apr 12th)	1 12-Apr-17 A	12-Apr-17 A			1 .	SBC M			· · ·																					
A1430	Initial RFS Review - Prep for SBC Presentation	3 10-Apr-17 A	12-Apr-17 A				initial RI								<u> </u>			Ļ	Ļ		ļ	Ļ	ļ		∔			.		_	4
A1070	Evaluate Responses & Submit to MSBA	5 10-Apr-17 A	13-Apr-17 A				Evaluat						/ISBA																		
A1420	Complete Reference Checks	10 10-Apr-17 A	26-Apr-17 A				Com															1			1						
A1080	Designer Selection Panel Mtg #1	0	02-May-17 A							tion Pa												1									
A1090	Designer Selection Panel Mtg #2	0	16-May-17 A							ection																					
A1100	Negotiate & Execute Contract	10 17-May-17 A	15-Jun-17A			<u> </u>		Ne Ne	gota	te & E	xecut	te Co	ntriac	t		<u> </u>		<u> </u>	<u>.</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		ļ			<u> </u>			1
Preliminary	/ Design Program																					1									
A1110	School Dept Update Education Program	60 14-Mar-17 A	15-Jun-17 A			+	+ +			Deptl																					
A1470	PMA Project Presentation to Joint BoS/Fincom	1 27-Jun-17 A	27-Jun-17 A							Project																					
A1460	Formation of D-Y Regionalization Subcommittee (BoS & Fincom)	1 11-Jul-17 A	11-Jul-17 A		1	1	11	- j I	For	matior	nqfD	FY Re	egion	alizati	onSu	Ipcou	nrinitte	e¦ (Bo	\$&	incon	nj)	1			i	i	1	i	1	i	i
A1500	Educational Leadership Team Meeting #01 [23Aug18]	1 23-Aug-17 A	23-Aug-17 A							I Ec	duçati	ional	Lead	lershi	Tear	nMe	eting f	#D1 [2	2BAu	g18]											
A1130	Evaluation of Existing Conditions	55 16-Jun-17A	31-Aug-17 A			T		-						isting				1	T	1	1	T			T				1	1	Т
A1480	Visioning Session #1 [20Sep18]	1 20-Sep-17A	20-Sep-17 A								- i	- i - i		ssion			1														
A1490	Visioning Session #2 [28Sep18]	1 27-Sep-17 A	27-Sep-17 A											ession								1									1
A1150	Preliminary Evaluation of Alternatives	90 15-Jun-17A	05-Oct-17A			1		÷	-	-	<u> </u>			y Eval				tives				1									1
A1120	Draft Initial Space Summary	4 20-Sep-17A	18-Oct-17A								÷			tial Sp							1	1			1						
A1140	Establish Site Development Requirements	15 20-Sep-17 A	18-Oct-17 A		1	T				T	1	- i	· ·	h Site	· ·		i .		i .	i .	1	T	[]		T			1	1	1	1
A1190	Education Program Refined with Designer Input	81 16-Jun-17A	18-Oct-17 A		1	1	1	—	-	-	-		· ·	· · ·		- i				er Inp	i .	1	1	i	i	1	1	i	1	1	i.
A1210	Cost & Schedule Analysis of PDP Alternatives	18 05-Oct-17 A	08-Nov-17 A			1	1	i		1		-								emativ		1			i	1		1		1	i.
A1200	Final Review & Acceptance of Education Program	5 18-Oct-17A	15-Nov-17 A								1	÷								ation											
A1220	SBC Approval of PDP Alternatives (11/15/17 Deadline)	5 18-Oct-17A	15-Nov-17 A			<u> </u>						<u> </u>								11/15/	17 D	eadlin	e)								
A1160	Compile & Submit PDP to MSBA	4 16-Nov-17A	21-Nov-17 A									1		ompile																	
A1170	MSBA Review Period	15 22-Nov-17 A	01-Feb-18 A										-		N		Revie														
A1180	Respond to MSBA Review Comments	10 02-Feb-18 A	15-Feb-18 A												-	Res	pana	TO M	SBAI	Review	Cor	nmen	lts								
Preferred S	ichematic Report																														
A1230	Evaluation of Existing Conditions (Phase II Exploration)	22 14-Dec-17A	12-Jan-18A											-	Eval					dition			Expl	ratio)						
A1240	Final Evaluation of Alternatives	30 25-Jan-18 A	08-Mar-18 A		- T	T						1		T	-	-				of Alte					1				1	1	T
A1250	Identification and Development of Preferred Solution	20 08-Mar-18 A	26-Mar-18 A		1	1	11	1	1	1	1		1	1		=				and D			: :	refer	ed So	lution		1	1	1	÷
A1600	PE Compile Scope for Estimators	6 08-Mar-18 A	26-Mar-18 A		1	1	1	i	1	i	i		i	i	1					Scope		stimat	ors			i	i	1			i
A1450	PSR Estimates Due	10 26-Mar-18 A	06-Apr-18A														_	:		ates D	:										
A1610	Reconcile PSR Estimates	3 06-Apr-18	10-Apr-18	8		<u>_</u>										_				PSR E										-	
A1260	PMA Draft Local Actions and Approvals Document	4 26-Apr-18	01-May-18	0	1	T	1			T	-	1	1	T	T	1		7		raft Lo	:	:	: :				nent	T			T
A1310	Compile and Submit PSR [Due 09May18]	5 03-May-18	09-May-18*	0																oile an			-			-					
A1290	MSBA Facilities Assessment Subcommittee Option #1 [23May18]	1 23-May-18	23-May-18*	0													1	<u> </u>	MS	BAFa	cilities	Ass	ssm	ntSi	bœn	mitte	opti	n#1	[2BMa	y18]	1
Actual Remai	•		Pa	ige 1 of 2																					J	704	PN		ionsu	ulta	n

PROJECT SCHEDULE (2/2)

	IS - Master Project Schedule			PMA MSE			out																	_	_	_						_				05-/	Apr-1	18 1
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A1280	MSBA PSR Review Period	15	10-May-18	30-May-18	10		÷	ιщ ι	ЩЦ		Ť	ιμιι	цш ¦					ΨIJ	÷		┊╘	H۳,	ISBA	PBF	Rev	iew F	Penp	щи	444	щ	ш	щ	щ		٣	щ	щ	,III.
A1440	MSBA Facilities Assessment Subcommittee Option #2 [08Jun18]	1	06-Jun-18	06-Jun-18*	0																	1	мфв	AFac	aities	Asise											/6Ju	in18
A1300	Response to MSBAPSR Review Comments Due		31-May-18	13-Jun-18	10) 		+		!		· • • • • • •	+	! !		†		-+	-+		-+		Res	ponr	elo	MŚB	ÄF	SRI	Revi	ieŵ ((Co	örhr	met	its D	ile '		1	
A1270	MSBA Board of Directors Approval of PSR [27Jun 18]	0		27-Jun-18*	0																		♦ M	SBA	Boar	rd of [Dire	ctor	ns Ar	ppto	ova	al of	fPS	R[2	2 7 Ju	n 18	4	1
	ting Schedule																											į										
A1640	Athletic Field Review Meeting	1	11-Dec-17 A	11-Dec-17 A												I A	thlet	id Fi	eki R	eview	Mee	ting						1										
A1510	SBC Meeting - Narrow List of Options	1	13-Dec-17A	13-Dec-17 A																			Optio															1
A1520	SBC Meeting - Updated Site & Floor Plans & Further Narrow Options	1	10-Jan-18A	10-Jan-18A		†!		+					+	11		†	11	sþc	Mee	ting -	Updi	itęd	Sile 8	Floc	r Pla	ns & I	Fui	ther	Nar	now	ŃО	SфG	ions		+	-+-	1	
A1660	Faculty Focus Group Meetings	5	10-Jan-18A	16-Jan-18A		11	1	i	i	i	i	1	1		i	i		Fac	ulty F	oous	Ġro	up N	eeting	s			1	1	i.	i		1			1	i		i i
A1530	SBC Meeting - Massing/Shadow Studies, Traffic, Field & Abutters Update	1	31-Jan-18A	31-Jan-18A		11		1	1	i	1	1			1	1		i s	BİCI	/leietir	g-N	laiss	ng/Sh	a¢lor	N Stu	ıdies,	, Tra	ffic,	Fiek	d & /	Abr	suite	ers	Upd	ate	i		İ.
A1650	Abutters Meeting	1	31-Jan-18A	31-Jan-18A		1												¢ A	butte	ns Ma	eting							1										1
A1670	Security, Sustainbility and MEP Systems Workshops	18	05-Feb-18 A	28-Feb-18 A		1																				Syste												1
A1550	SBC Meeting - Final Scope Review Prior to Estimating	1	08-Mar-18 A	08-Mar-18 A		<u> </u>		+		!		· • • • • •	+			†		-+	17	SEC	Meet	íng -	Final	Seco	eR	eview	/Pit	or to	i Est	tinlai	ating	9	+		<u>+</u>	-+-	!	
A1540	SBC Meeting - Prelim Energy Models & MEP Systems	1	09-Mar-18 A	09-Mar-18 A															1	SEC	Mee	ing -	Prelin	л <mark>Ė</mark> n	angy	Mode	els 🖁	s MF	eþs	Syste	tem	ns						1
A1560	SBC Meeting - Cost Discussion	1	11-Apr-18*	11-Apr-18	9						1					1		1		1	ŚBC	Me	tirig -	Cos	tDİsr	cusisia	on	1		1					1	1		1
A1710	Tri-Board Presentation - PSR Package Preview	1	23-Apr-18*	23-Apr-18	0																Tri	Bœ	rd Pre	sen	latipr	1- PS	RP	ack	aige	e Pre	evic	ew.	1					1
A1570	SBC Meeting - Vote to Select Preferred Design & Submit PSR	1	25-Apr-18*	25-Apr-18	0																					Sele												i i
A1580	SBC Meeting - Vote to Certify Minutes (Local Actions & Approvals)		02-May-18*	02-May-18	0) 		+				•••••••	+					-+	-+			BC	Veetir	19-1	/ote f	to Çe	rtify	Min	iutes	s (LC	002	al A	cio	ns 8	ίAp	prov	/als	,
Permittin																												į										l
A1680	Submit PNF to MHC	10	12-Mar-18 A	30-Mar-18 A																s	ubmi	tPN	to M	нċ				i										1
A1690	MHC Review Period	25	02-Apr-18A	04-May-18	13																<u>i</u> ,	инс	Revie	wP	eriod													1
Schematio																																						
A1320	Schematic Design Period (Begin after FAS)	80	24-May-18	12-Sep-18	0	, <u> </u>		+				· - -	+			+		+	-+		-+					Sd	herr	iatic	Des	sign	nPe	eric	od (Begi	ii af	ler f	AS	j
A1590	Schematic Estimates		13-Sep-18	03-Oct-18	0																					_	Se	hem	natic	Esti	time	ate	s					1
A1700	Schematic VE & Reconciliation		04-Oct-18	10-Oct-18	0																					- i .	s	cher	matic	cVE	E &	s k	ecor	ncila	ation	1		1
A1330	Compile and Submit SD to MSBA[Due 17Oct18]		11-Oct-18	17-Oct-18*	0																					1	• {	Con	npile	and	dS	Sub	mit	SDt	óМ	sė/	(D	ie 1
A1340	MSBA Review Period		18-Oct-18	07-Nov-18	9		1	1	1	i	1	1	1		1	1		1			1	1	1	i.					MSB/	AR	Revi	/iew	vPe	niod	1	i		i i
A1350	Respond to MSBA Review Comments		08-Nov-18	21-Nov-18	14	†		·÷··	·†-			· 🕂 - · · ·	÷		†-	†		+	-+		·†	• 🕂 • •					+		Re	espo	ond	dib	5 M\$	BAI	Rev	iew.	Cor	m
A1370	Establish Project Funding Agreement		08-Nov-18	28-Nov-18																									E	stab	ablisi	sh F	Proje	ectF	und	dinia/	Aare	: een
A1360	MSBA Board Approval of Project Scope and Budget [12Dec18]			12-Dec-18*	0																1			1				. —	•	, Mis	SB/	AВ	Board	d Ap	pro	wali	d P	roje
	Authorization			12 000 10																																		
A1840	120 Day Deadline to Obtain Project Funding	0		10-Apr-19	0																														٠	120) Da	уE
Option #	1 - "Traditional" Process					1		+				· †	+	 		†		+	+		·†						+		+	-+-					†	-+-		
A1620	Town Meeting - Town of Yarmouth - Project Update (optional)	1	05-May-18*	05-May-18	0																11	Town	Meet	ing-	Tow	n of Y	/am	nout	dh-F	Proje	ject	t Úr	pdat	te (o	ptio	nal)		i i
A1630	Town Meeting - Town of Dennis - Project Update (optional)		08-May-18*	08-May-18	0																1	Tow	Mee	ting	Tow	m of [Den	nis-	-Prc	oject	d U	Jpd	late	(opti	iona	al)		1
A1720	July Board of Selectmen [DATES TO BE CONFIRMED] - Ballot Vote Authorization		02-Jul-18*	31-Jul-18	0																				July F	Board	lof	Sele	editm	en [[DA	ATE	≡s†	OB	έc	ON	FIR	ME
A1730	Deadline for Submission of State Ballot Question to AG		01-Aug-18	01-Aug-18*	0																			1	Dead	llinė fi	ior \$	òubr	nissi	ion c	of	Sta	ate 🕏	lallot	ίQu	Jesti	ont	μ Α
A1740	October Town Meeting Vote [DATES TO BE CONFIRMED] - Warrant Article		01-Oct-18"	31-Oct-18	0	1		+	·			· +	÷…	ii				÷	- 		· †	-+			÷	📴	Ť	Ö	dobe	ier k	low	πİγ	Meŧ	ting'	Vot	ēĎ	ATE	S1
A1750	Local Funding Authorization - Ballot Vote in Each Town		06-Nov-18	06-Nov-18*	0																			1				i L	ocal	d Fur	undi	Jing) Aut	thorit	äjatik	on-	Bal	ot \
	2 - "Regional" Process MGL c.71 s.16(d)		00110110	00110110																																		
A1760	Town Meeting - Town of Yarmouth - Project Update (optional)	1	05-May-18*	05-May-18	0																	low	Meet	ing-	Tow	n of Y	/am	nout	8 - F	Proje	ject	ŧψŗ	pdat	te (o	ptio	nal)		Í.
A1770	Town Meeting - Town of Dennis - Project Update (optional)		08-May-18*	08-May-18	0																1	Tow	Mee	ting	Tow	m of [Den	nis	- Prc	oject	a U	Jpd	late	(opti	áþna	al)		1
A1780	School Committee Vote to Request Funding (2/3 vote required)		11-Oct-18	24-Oct-18	62	11		-+				·	-+	 				-+	-+										hool	-							est	Fu
A1830	SC Notifies each Town's BoS of SC Funding Vote (within 7 days)		25-Oct-18	31-Oct-18	62	11																					d											:
A1820	Town Meetings (optional) - (must occur within 60 days of BoS Notification)	-	01-Nov-18	30-Dec-18	87																						7		1				nMe					
A1810	Local Funding Authorization - District-Wide Ballot Vote		31-Dec-18	11-Jan-19	63	-11		1	-		1			1 1				1	1		1	1				- 1	- 7	-	1								horiz	



PREFERRED OPTION: S2 - SITE

2U

2113

MULTI-FIELD

can add head hir parking here

2010-RED

B

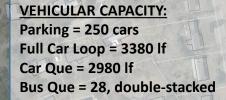
FUTURE EXPANSION O

MULTI-U

2

22

5



STRUCTURED PLAY: Playground & Outdoor CR (purple)

MASSING STUDIES – S2



S2 COMMUNITY FRONT (GR. 4-7)



CENTRAL OFFICE PROGRAM (PRELIMINARY)

Administration Central Office			
Reception/Waiting (Asst Supt Sec.)	250	1	250
Superintendent's Office	375	1	375
Offices (Pupil Services, Curriculum Coords,			
Data Admin)	150	4	600
Open Work Area (3 secretaries)	240	1	240
Offices (Assist Super, HR, Benefits, Bus			
Dispatch)	150	4	600
Open Work Area for Acctng + Food Serv Dir.			
(6 people)	480	1	480
Active Files	200	1	200
Archive Room	400	1	400
Supplies	70	1	70
Kitchen/Lunch Room	300	1	300
Conference Rooms	630	2	1260
IT Central Office			4,775
Director's Office (Shared w/Assist Dir.)	250	1	250
Secretary - open work area	100	1	100
Technicians Work Area (locked)	600	1	600
District Server Room	1,000	1	1,000
Equipment Storage Room	300	1	300
			2,250
			7,025

7,025 NSF x 1.25 (walls, corridors, stairs, toilets) = approx. 8,800 GSF

CENTRAL OFFICE - ALTERNATE



7,025 NSF x 1.25 (walls, corridors, stairs, toilets) + **4,000 additional Circ.** = 12,800 GSF

ENERGY USE

ELECTRICITY

NATURAL GAS

	Building SF	kWh	Solar	Total kWh	Cost	Cost PSF	Therm	Cost	Cost PSF
					4				
WIXON	116,900	156,005	406,171	562,176	\$28,081	\$0.24	66,116	\$26,895	\$0.23
MATTACHEESE	122,207	311,088	233,740	544,828	\$55,996	\$0.46	81,673	\$33,206	\$0.27
TOTAL	239,107	467,093	639,911	1,107,004	\$84,077	\$0.70	147,789	\$60,101	\$0.50
NEW BUILDING	183,700	1,102,200	TBD	1,102,200	\$198,396	\$1.08	37,440	\$15,350	\$0.08

Note: The New Building has full Air Conditioning

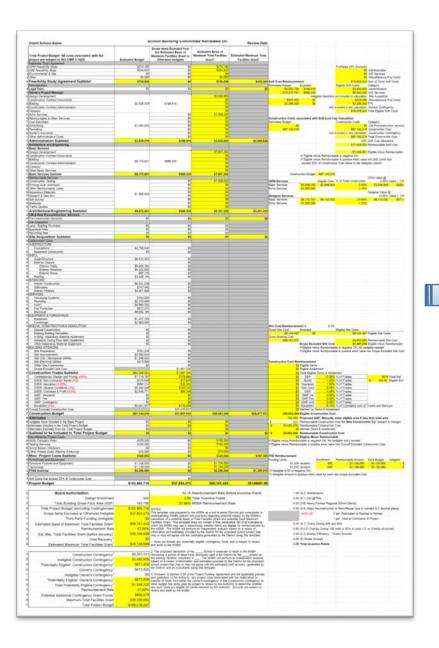
The New Building does not factor in any solar array

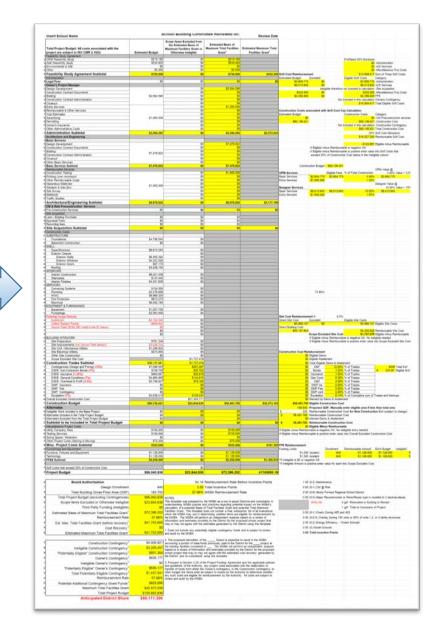
Without Solar the cost of Electricity for the two existing schools would be \$199,261

FS ESTIMATE RECONCILIATION

			PM8	C / PSR			Variance		А	M F	/ PSR	
	Gross	Floor Area			183,700	0	0.36%	Gros	ss Floor Area			183,70
		Total Cost		PSF	Cost/GSF/New				Total Cost		PSF	Cost/GSF/New
SUBSTRUCTURE												
Foundations	\$	1,178,493	\$	6.42	\$ 1,178,493	\$	(392,491)	\$	1,570,984	\$	8.55	\$ 1,570,984
Special Foundations	\$	1,632,000	\$	8.88	\$ 1,632,000	\$	-	\$	1,632,000	\$	8.88	\$ 1,632,000
Slab on Grade	\$	1,946,047	\$	10.59	\$ 1,946,047	\$	36,386	\$	1,909,661	\$	10.40	\$ 1,909,663
SHELL												
Super Structure Exterior Walls	Ś	6,815,353	\$	37.10	\$ 6,815,353	\$	488,545	Ś	6,326,808	Ś	34.44	\$ 6,326,80
Exterior Walls	\$	6,405,394	\$	Service and the service of the	\$ 6,405,394	-		\$	6,651,491	\$	36.21	\$ 6,651,49
	\$	4,322,500	\$	23.53	\$ 4,322,500	-		\$	4,424,425	\$	24.09	\$ 4,424,42
Exterior Doors	\$	87,170	\$	0.47	\$ 87,170	-	(5,880)	\$	93,050	\$	0.51	\$ 93,050
Roofing	\$	3,438,150	\$	18.72	\$ 3,438,150	\$	(117,021)	\$	3,555,171	\$	19.35	\$ 3,555,173
Exterior Windows Exterior Doors Roofing INTERIORS Interior Construction Staircases Interior Einishes						Г						
Interior Construction	\$	6,201,038	\$	33.76	\$ 6,201,038	\$	298,058	\$	5,902,980	\$	32.13	\$ 5,902,980
Staircase s	\$	121,000	\$	0.66	\$ 121,000			\$	131,625	\$	0.72	\$ 131,62
Interior Finishes	\$	4,228,066	\$	23.02	\$ 4,228,066	-		\$	4,236,867	\$	23.06	\$ 4,236,86
SERVICES Conveying Systems Plumbing HVAC												
Conveying Systems	Ś	154,000	Ś	0.84	\$ 154,000	\$	2,250	Ś	151,750	Ś	0.83	\$ 151,750
Plumbing	\$	2,376,856	\$	12.94	\$ 2,376,856			\$	2,691,205	\$	14.65	\$ 2,691,20
HVAC	\$	8,969,320	Ś	48.83	\$ 8,969,320	-	e 100 e	\$	8,654,066	\$	47.11	\$ 8,654,066
Fire Protection	\$	873,270	\$	4.75	\$ 873,270	-	10000	Ś	854,205	Ś	4.65	\$ 854,20
Electrical	\$	6,092,165	\$	33.16	\$ 6,092,165	-		\$	6,793,226	\$	36.98	\$ 6,793,220
EQUIPMENT & FURNISHINGS						ſ				0		
Equipment	\$	1,257,705	\$	6.85	\$ 1,257,705	\$	17,430	Ś	1,240,275	Ś	6.75	\$ 1,240,275
Furnishings	Ś	2,063,500	\$	11.23	\$ 2,063,500		1,157	\$	2,062,343	Ś	11.23	\$ 2,062,343
	*		÷		·	Ť					a a le o	
	\$		Ś	44	\$ -	\$		Ś		Ś		\$ -
Existing Building Demolition In-Bldg Hazardous Materials Abatement	\$		\$ \$		\$ -	\$		s s		ş Ş	-	s - \$ -
Site Remediation	\$	-	ې \$	-	s -	\$		ې \$		ې غ	-	<u>s</u> -
BUILDING SITEWORK	2	T	2			-		2		2	-	· · ·
	*	704 0 40	*	4.05	* ***		(4.24.502)	~	045.040	~	100	<u> </u>
Site Preparation Site Improvements	\$	781,348	\$	4.25 19.55	\$ 781,348 \$ 3,590,624			\$	915,940	\$	4.99 18.13	\$ 915,940.00 \$ 3,330.966
Site Improvements	\$	3,590,624	1.11			-		\$	3,330,966	\$		1 / /
Site Civil/ Mechanical Utilities Site Electrical Utilities	\$	1,298,625 473,900	\$	7.07	\$ 1,298,625 \$ 473,900			\$ \$	1,316,193 366,250	\$ \$	7.16	\$ 1,316,193 \$ 366,250
TOTAL CONSTRUCTION BUILDING/SITE	ŝ	64,306,524	\$ \$	350	\$ 64,306,524	s		\$ \$	64,811,481	\$ \$	353	\$ 64,811,481
DESIGN & PRICING CONTINGENCY @12%	-		*	\$42.01	\$7,716,783	2	-\$60,595	~	\$7,777,378	4	\$42	\$ 04,811,483
ESCALATION @7%		\$7,716,783 \$5,041,631		\$42.01	\$5,041,633	1	-\$60,595 -\$39,589		\$5,081,220		\$42	\$5,081,22
GENERAL CONDITIONS		\$5,394,546		\$29.37	\$5,394,546	5	-\$819,061		\$6,213,606		\$33.82	\$6,213,60
GENERAL REQUIREMENTS		w/above		\$0.00	\$0,55 1,5 1	-	#VALUE!		w/above		\$0.00	\$0,210,00
P&P BOND @1%		\$765,248		\$4.17	\$765,248	_	-\$636,462		\$1,401,710		\$7.63	\$1,401,71
INSURANCE		\$956,560		\$5.21	\$956,560	-	#VALUE!		w/above	C.	\$0.00	Ś
OVERHEAD AND PROFIT		\$2,926,116		\$15.93	\$2,926,116	-	\$793,981		\$2,132,135	1	\$11.61	\$2,132,13
	\$	87,107,408	\$	474	\$ 87,107,408	\$	(310,122)		\$87,417,530		\$476	\$87,417,53

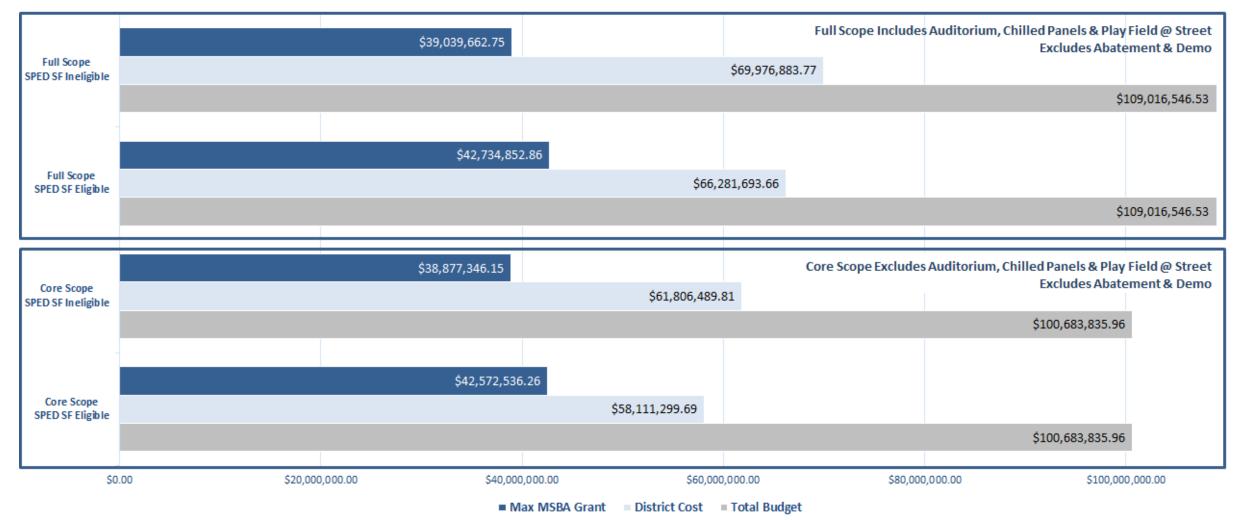
MSBA FORM 3011 TEST FITS





FEASIBILITY COST ESTIMATES

DYIMS Feasibility (PSR) Estimates w/ MSBA Form 3011

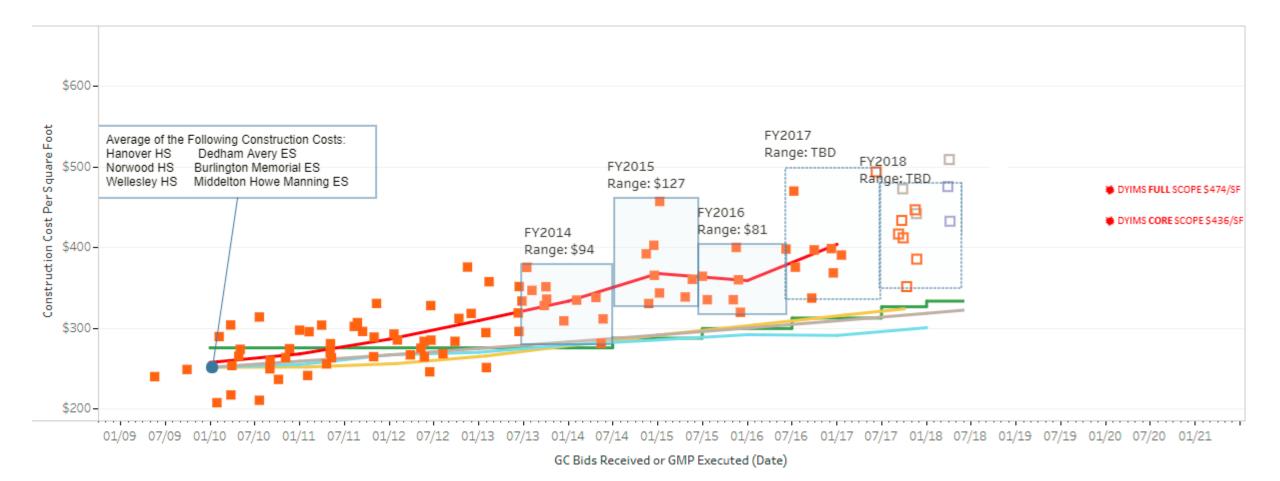


DYIMS COST VARIABLES

Items Exceeding Average MSBA Cost/SF Data:

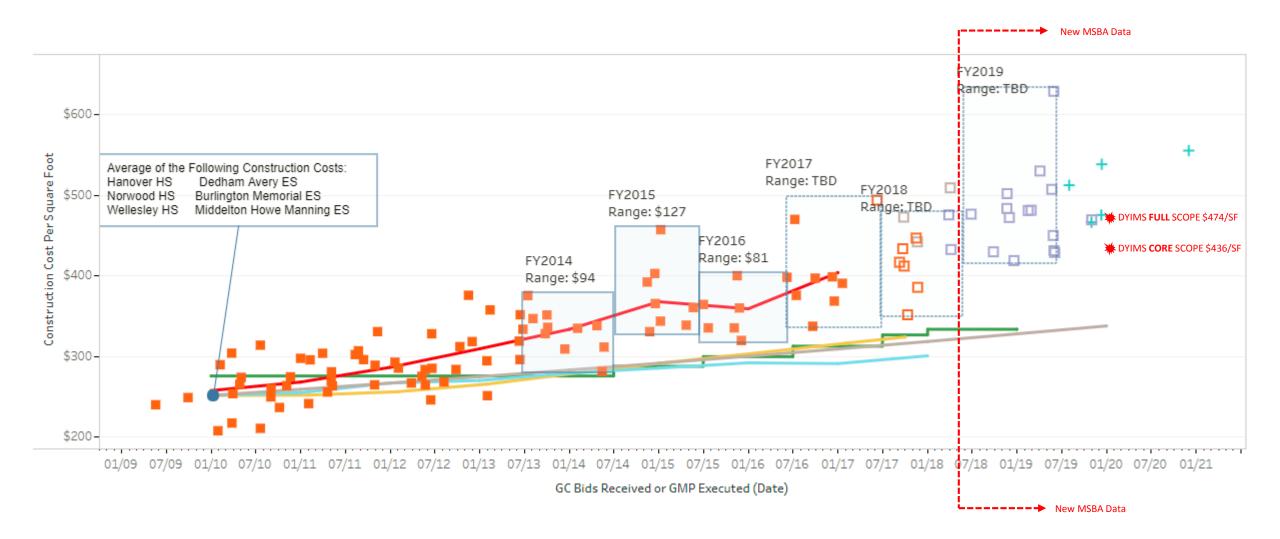
- General Condition / General Requirement Increase from 8% to 10.5% Due to Limited Competition in Market (+\$2.2M)
- Rammed Aggregate Piers ("Geopiles") Required due to Liquefaction Concerns Identified 4/7/18 (+\$2M)
- Chilled Radiant Panels, Requiring 150 Ton Chilled Water Plant (+\$1.5M)
- Auditorium at \$750SF + Corresponding Soft Cost Exclusions
- Triple Glazed, High Impact Windows
- Large Quantity of Play Fields

MSBA ESCALATION FY10'-FY18'

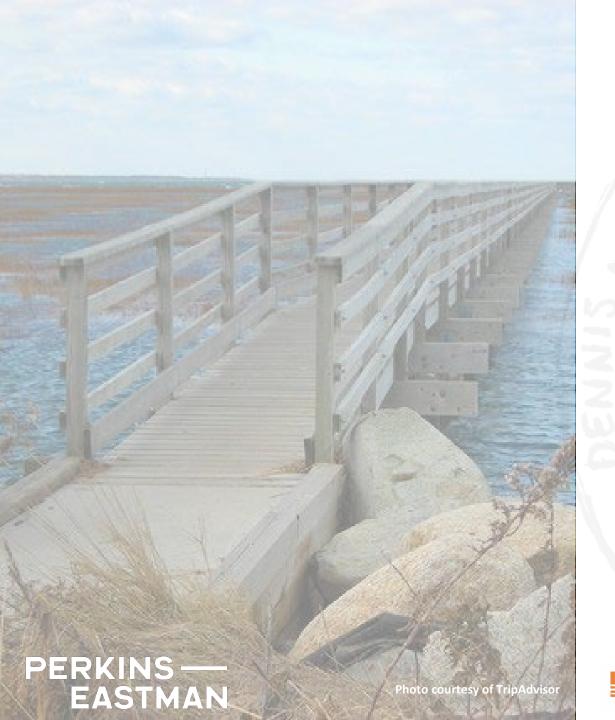


Source: <u>http://info.massschoolbuildings.org/TabPub/TableauCostData.aspx</u>

MSBA ESCALATION FY19'-FY20'



Source: <u>http://info.massschoolbuildings.org/TabPub/TableauCostData.aspx</u>





DENNIS-YARMOUTH SCHOOL PROJECT

SCHOOL BUILDING COMMITTEE April 11, 2018





