

Brookline High School - Feasibility Study - Proposed Space Summary

DRAFT PRELIMINARY

SUMMARY

06 FEB 2017 Issue

LEGEND

- Existing
- New
- Deficient Existing Program Space, see notes
- MSBA Guidelines

ENROLLMENT ACCOMMODATION

MASSACHUSETTS HS STANDARDS

BHS EDUCATION PLAN

HMFH Architects

BROOKLINE HIGH SCHOOL		BHS CAMPUS Existing Conditions Inventory			ENROLLMENT ACCOMMODATION			MASSACHUSETTS HS STANDARDS			BHS EDUCATION PLAN			MSBA Guidelines for 2700 Enrollment			Comments / Notes
group	ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	
CORE ACADEMIC - CLASSROOMS																	
	Classrooms / Tutorials/ Study Hall		57	49,590		92	70,290		95	78,370		98	82,720		92	78,200	MSBA Classrooms Only
CORE ACADEMIC - SCIENCE CLASS-LABS																	
	Science / Laboratories - Class-Labs		23	22,290		24	33,980		24	36,680		24	36,920		24	39,560	MSBA Science/ Prep/ Chem. Storage
COMMON SHARED Collaborative Learning																	
	Small Group Seminar/ Maker Space/ Project Areas			5,490			8,110			29,710			58,720			3,000	MSBA Small Group Seminar space only, other Common Shared spaces not included in MSBA
CORE ACADEMIC - TEACHER PLANNING																	
	Teacher - Departments/Teams			7,080			9,200			9,200			9,200			9,200	Confirm Teacher/Staff projections and Departments/Teams based on 2700 enrollment
SPECIAL EDUCATION																	
	Special Ed/ Tutorial/ Learning Centers/ OT PT			16,010			15,110			20,780			22,280			26,180	Self-Contained CRs in MSBA model
ART & MUSIC / DANCE																	
	Visual Arts & Perform Music / Dance			9,120			9,120			11,200			14,610			11,425	MSBA Visual Arts and Music Only; Dance not included
CAREER ED. / VOCATION & TECHNOLOGY																	
	UAB & BHS			19,160			18,680			19,220			20,000			28,800	
HEALTH/FITNESS & PHYSICAL EDUCATION *																	
	BHS & TAPPAN GYM (Pool not included)			82,840			71,950			76,890			77,990			31,320	* Includes the Existing Schluntz & Tappan Gym only; Shared with Recreation
AUDITORIUM / DRAMA PERFORMANCE																	
	Auditorium/ Black & White Box/ Drama			16,450			16,190			17,470			27,310			10,400	MSBA includes Auditorium, Stage and support space Only
DINING & FOOD SERVICE																	
	Cafeteria/ Kitchen/ Staff Lounge			17,240			19,450			19,450			19,830			19,850	
LIBRARY / MEDIA CENTER																	
	Library / Media Center / Learning Commons			9,070			16,800			16,800			16,800			16,775	
MEDICAL																	
	Nurses Offices			1,010			1,590			1,620			2,070			2,010	
ADMINISTRATION																	
	Need Staff Projections			7,180			6,180			7,590			7,790			4,720	MSBA total combines Administration & Guidance = 8,658 and
ADMIN. GUIDANCE																	
	Need Staff Projections			3,990			4,310			5,050			5,050			3,938	Staff projections for Enrollment increase to be verified
OTHER																	
				4,930			5,130			4,750			4,790			0	
CUSTODIAL & MAINTENANCE																	
				12,550			12,550			12,550			12,550			3,650	
PROJECT SUB-TOTAL NET SF																	
	Total BHS CAMPUS Net = NSF		NSF	284,000		<i>Expansion Adds</i> 34,640	NSF 318,640		<i>Expansion Adds</i> 83,330	NSF 367,330		<i>Expansion Adds</i> 134,630	NSF 418,630	NSF		289,028	Net Square Footage is usable (Net) Floor Area
	Total Building Gross Floor Area (GSF)		GSF	468,370		61,550	GSF 529,920		139,194	GSF 607,564		224,044	GSF 692,414			433,542	The KIRRANE Pool is not included in the net NSF
	includes BHS+ UAB+ GYM																Building Gross Square Footage (GSF)
	Grossing factor (GSF/NSF)	varies	average	1.65			1.65			1.65			1.65			1.50	The KIRRANE Pool is not included in the GSF current MSBA guidelines max 1.5

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	Existing
	New
	Deficient Existing Program Space, see notes
	MSBA Guidelines

BROOKLINE HIGH SCHOOL				ENROLLMENT ACCOMMODATION			MASSACHUSETTS HS STANDARDS			BHS EDUCATION PLAN			MSBA Guidelines for 2700 Enrollment			Comments / Notes			
BHS CAMPUS Existing Conditions Inventory																			
group	ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals			
CORE ACADEMIC CLASSROOMS						49,590			70,290			82,720			78,200		CORE ACADEMIC SPACES		
<i>(List classrooms of different sizes separately)</i>																			
Main Building - 115 Greenough							total	92		total	95		total	98		850	92	78,200	total Classrooms Includes Tutorial, Study Hall and ACE, SWS, ELL, classrooms
A.10	Classrooms		57	39,720	subtotal	79	59,520	subtotal	79	64,500	subtotal	79	64,740					SMMA Existing (53) classrooms; Expansion Utilization total =79	
A.11	Classroom - Over 1000 (Rm.385)	1,010	1	1,010	1,010	1	1,010	1,010	1	1,010	1,010	1	1,010					English CRs =14; Expand.Utiliz.@18.99= 19	
(A.10)	Classroom - 900-999 (Rms.383, 386)	Varies	2	1,900	Varies	2	1,900	950	2	1,900	950	2	1,900					Soc.S CRs =11; Expand.Utiliz. @18.40 =19	
A.12	Classroom - 800-899 (Rm.346) SWS.10	830	1	830	830	1	830	830	1	830	830	1	830					Math CRs =13; Expand.Utiliz. @20.84 =21	
A.13	Classroom - 700-799 (also see SWS.11)	Varies	33	22,960	Varies	33	22,960	Varies	33	22,960	Varies	33	22,960					World Lang.CRs =11; Expand.Utiliz. @19.16 =20	
A.14	Classroom - 600-699 (also see SWS.12)	Varies	17	11,360	Varies	17	11,360	under sized; RENO.as Group Break-out Rms see A.61, A.62			under sized; RENO.as Group Break-out Rms see A.61, A.62							Rms. 140, 131, 133, 144, 266, 258, 262, 260, 261, 265, 395, 343, 341, 344, 392, 386, 309	
A.15	Classroom - 500-599 (Rms. 384, 387)	Varies	2	1,170	Varies	2	1,170	under sized; RENO as Small Group Seminar A.60			under sized; RENO as Small Group Seminar A.60								
A.16	Classroom - 400-499 (Rm.342)	490	1	490	Varies	1	490	confirm BRYT			confirm BRYT							SMMA lists BRYT	
A.18	RENO Science ClassLabs 900 - 999 see S.43				Varies	6	5,640	Varies	6	5,640	Varies	6	5,640					(Renovate Rms. 350, 357, 360, 362, 371, 375)	
A.19	RENO Science ClassLabs 800 - 899 see S.44				Varies	6	5,160	Varies	6	5,160								(Renovate Rms. 345, 354, 359, 378, 379, 380)	
A.17	NEW Expansion Classrooms - 900				900	10	9,000	900	26	23,400	900	28	25,200					confirm number of CRs per Grade/Dept	
A.20	NEW Flexible Classroom w/dividing wall							900	4	3,600	900	8	7,200					2 paired Classrooms with dividing partition - expandable to one	
A.30	Tutorial Classrooms	subtotal	3	1,850	subtotal	3	1,850	subtotal	4	2,550	subtotal	4	2,550					Tutorial CR=3; Expand.Utiliz.@3.866=4	
A.31	Tutorial (Rm.201)	700	1	700	700	1	700	700	1	700	700	1	700						
A.32	Tutorial (Rm.267)	470	1	470	470	1	470	470	1	470	470	1	470						
A33	Tutorial (Rm.283)	680	1	680	680	1	680	680	1	680	680	1	680						
	NEW Tutorial							700	1	700	700	1	700						
A.40	NEW Multi-Use Large Group Rm w/storage							1,200	2	2,400	1,200	2	2,400					* Per Ed Plan DRAFT pg.56 w/flexible furniture needs storage; lectures. Also see CS.50	
A.50	Study Hall Classroom	600	1	600	600	1	600	600	1	600	900	1	900					SMMA Study-Hall CR=1; Exp.Utiliz.@=1 (was@IT Rms.122=345 +122A=270)	
				CORE continues next page			CORE continues next page			CORE continues next page									

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LEGEND	Color	Description
	Light Orange	Existing
	Orange	New
	Red	Deficient Existing Program Space, see notes
	Grey	MSBA Guidelines

BROOKLINE HIGH SCHOOL				BHS CAMPUS Existing Conditions Inventory			ENROLLMENT ACCOMMODATION			MASSACHUSETTS HS STANDARDS			BHS EDUCATION PLAN			MSBA Guidelines for 2700 Enrollment			Comments / Notes			
group	ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals			
ACE - Alternative Choices in Education				3,640			4,540			4,540			5,140			0	ACE					
(Confirm Share with SWS, program group)																						
Main Building - 115 Greenough					3		subtotal	4		subtotal	4											
ACE.10	ACE Math (Rm.255)	750	1	750	750	1	750	750	1	750	900	4	3,600									
	ACE History / Social Studies (Rm.253)	660	1	660	660	1	660	660	1	660												
	ACE English (Rm.250)	690	1	690	690	1	690	690	1	690												
ACE.10	Expansion ACE Classroom - 750				900	1	900	900	1	900												
ACE.40	ACE Science (Rm.254)	730	1	730	730	1	730	730	1	730	730	1	730									
ACE.60	ACE General Office / Reception	430	1	430	430	1	430	430	1	430	430	1	430									
ACE.61	ACE Coordinator Office	160	1	160	160	1	160	160	1	160	160	1	160									
ACE.62	ACE Guidance	220	1	220	220	1	220	220	1	220	220	1	220									
SWS - SCHOOL WITHIN a SCHOOL				2,790			2,790			2,790			5,490			0	SWS					
Main Building - 115 Greenough					3		SWS-1	3		SWS-1	3		SWS-1	3								
SWS.10	SWS-1 Classroom - 800-900 (Rm.403)	840	1	840	840	1	840	840	1	840	840	1	840									
SWS.11	SWS-1 Classroom - 700-800 (Rm.404)	740	1	740	740	1	740	740	1	740	740	1	740									
SWS.12	SWS-1 Classroom - 600-700 (Rm 406)	660	1	660	660	1	660	660	1	660												
SWS.10	SWS-2 Program Classroom - 900										900	3	2,700									
SWS.40	SWS Science (included in A.40 Science)				see A.40			see A.40			see A.40											
SWS.60	SWS Office (Rm.400A)	100	1	100	100	1	100	100	1	100	100	1	100									
SWS.61	SWS Secretary Office (Rm.400)	130	1	130	130	1	130	130	1	130	130	1	130									
SWS.62	SWS Conference/ Lounge (Rm.400B)	320	1	320	320	1	320	320	1	320	320	1	320									
ELL				990			990			990			1,500			0	ELL					
Main Building - 115 Greenough					2		subtotal	2		subtotal	2											
ELL.10	ELL - SEI Classroom (Rm.244)	520	1	520	520	1	520	520	1	520	750	2	1,500									
	ELL - SEI Classroom (Rm.239)	470	1	470	470	1	470	470	1	470												

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CORE ACADEMIC / SCIENCE CLASS-LABS				22,290			33,980			36,680			36,920			39,560	CORE ACADEMIC SCIENCE
Main Building - 115 Greenough																	
S.40	Science / Laboratories - Classlabs		23	20,110		24	30,160		24	31,680		24	31,680	1,440	24	34,560	Existing Science=23; Expand.Utiliz.@ 23.529=24
S.41	Science - 1200-1300 (Rm.366)	1,240	1	1,240	1,240	1	1,240										All existing Science Class-Labs are undersized per MSBA Standards
S.42	Science - 1000-1100 (Rms 351, 368, 370, 376)	Varies	4	4,200	Varies	4	4,200										Biology and Chemistry Utiliz. Indicate 8.31
S.43	Science - 900-999 (Rms. 350, 357, 360, 362, 371, 375)	Varies	6	5,640	Repurpose / Renovate as Classrooms see A.18			Repurpose / Renovate as Classrooms see A.18			Repurpose / Renovate as Classrooms see A.18						Repurpose / Renovate as Classrooms
S.44	Science - 800-899 (Rms. 345, 354, 359, 378, 379, 380)	Varies	6	5,160	Repurpose / Renovate as Classrooms see A.19			Repurpose / Renovate as Classrooms see A.19			Repurpose / Renovate as Classrooms see A.19						
S.45	Science - 800 (Rm. 373 no windows) @ Greenhouse Rm.373A repurpose)	800	1	800	1,200	1	1,200	Repurpose / Renovate			Repurpose / Renovate						Existing Not Used as Green House; Combine Repurpose / Renovate as Mediaum ClassLab
	Green House (Rm. 373A)	450	1	450	Repurpose / Renovate with Rm.373			Repurpose / Renovate with Rm.373			Repurpose / Renovate with Rm.373						
S.46	Science - 600-699 (Rms. 358, 361, 364, 352)	Varies	4	2,620	undersized			undersized			undersized						Renovate as Small Group Seminar spaces or Commons Project Areas, distribution tbd
S.50	NEW Science / Claslab - Large				1,440	8	11,520	1,440	12	17,280	1,440	12	17,280				WetLabs; Biology and Chemistry
S.51	NEW Science / Claslab - Medium				1,200	10	12,000	1,200	12	14,400	1,200	12	14,400				Drylabs; Physics
S.60	Science Prep Room				subtotal			200 24 4,800			200 24 4,800			200 24 4,800			
S.61	Prep Room (varies see inventory)	Varies	4	1,370	Varies	4	1,370										current use varies and some used as offices confirm
S.62	Central Chemical Storage (Rm.372)	Varies	2	560				200	1	200	200	1	200	200	1	200	current use varies and some used as offices confirm
S.63	Lab Specialist Office (353B)	250	1	250	250	1	250										
S.60	Expand Science Prep Room				200	11	2,200										combine (2) at 400 nsf shared at (2) ClassLabs
A.70	NEW Science Exhibit Space										240	1	240				10lin.ft Display Caseworks at ClassLabs Corridors

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SMALL GROUP / SEMINAR						0			0			13,010			13,010			3,000		SMALL GROUP / SEMINAR	
A.50 Small Group Seminar (20-30 seats)											Renovate existing Classrooms see A.15 and A.16			Renovate existing Classrooms see A.15 and A.16			500	6	3,000	MSBA includes w/ CORE ACAD. Classrooms Total	
A.51	RENO Small Group Seminars 20-30 occ. @ 500												Varies		11,360					Repurpose Renovate undersized Classrooms see A.15 and A.16, as Small Group and Seminar Rooms at various sizes and confirm adjacencies with planning options; such as Rms. 384, 387	
A.52	RENO Group Rooms - Medium 12-15 Occ @ 350												Varies		1,170						
A.53	RENO Group Rooms - Small 8-10 Occ @ 200												Varies		480						
													subtotal CORE ACAD. above								
COMMON SHARED / Collaborative Learning						5,490			8,110			16,700			32,700			0		COMMON SHARED	
Main Building - 115 Greenough																				not included in MSBA guidelines	
CS.10	Martin Luther King Room (Rm. 169)	1,410	1	1,410	1,410	1	1,410	1,410	1	1,410	1,410	1	1,410	1,410	1	1,410				Confirm Common Shared or Media Center or Admin or Other	
CS.11	Language Lab (Rm.230)	1,180	1	1,180	1,180	1	1,180	1,180	1	1,180	1,180	1	1,180	1,180	1	1,180				Language Lab w/ Control Room CS.12 & Computer Lab CS.13	
CS.12	Language / Comp. Lab Control Rm (Rm. 229)	200	1	200	200	1	200	200	1	200	200	1	200	200	1	200				Control room at Language CS.10 & Computer ClassLab CS.13	
CS.13	Humanities Computer Lab (Rms. 226)	470	1	470	470	1	470	470	1	470	470	1	470	470	1	470					
CS.14	Computer Lab (Rms. 389)	820	1	820	820	1	820	820	1	820	820	1	820	820	1	820					
CS.20	NEW Maker Space												2,000	2	4,000			2,000	4	8,000	was 4 and 8 respectively;
CS.21	TEST-Collaborative Space	1,410	1	1,410	1,410	1	1,410													Science use Test-Space for Lego-Robotics Collaborative Learning Commons to be coordinate with final Deans Teams	
CS.30	Collab. Learning Commons - Large												1,500	2	3,000			1,500	4	6,000	Mod-adds (1) per 2-Grade/ Dean Team; Max-adds (1) per 4-Grade/ Dean Team
CS.31	Collab. Learning Commons - Medium												1,000	2	2,000			1,000	4	4,000	Mod-adds (1) per 2-Grade/ Dean Team; Max-adds (1) per 4-Grade/ Dean Team
CS.32	Collab. Learning Commons - Small												500	2	1,000			500	4	2,000	Mod-adds (1) per 2-Grade/ Dean Team; Max-adds (1) per 4-Grade/ Dean Team
CS.40	Project Areas - Large												*various sizes =		2,620			*various sizes =		2,620	*common shared informal learning project areas; review with Media Center; Renovate undersized spaces see S.46
CS.41	Project Areas - Medium																				
CS.50	Large Flexible Flat-Floor Gathering Space Courtyard																6,000	1	6,000	Flexible space flat-floor for large assembly +/- 750 occ. coordinate w/Cafeteria; Community space, Transform Courtyard	

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TEACHER PLANNING - Departments / Teams						9,200			9,200			9,200			9,200		TEACHER PLANNING
T.10	Teacher Planning				existing		7,080	existing		7,080	existing		7,080	100	92	9,200	Expand Utilz. For Staff pending
	NEW Teacher Planning				NEW Admin.Spaces		2,120	NEW Admin.Spaces		2,120	NEW Admin.Spaces		2,120				Confirm Teacher space need due to enrollment expansion
T.11	Science Teacher Office (Rm.363)	470	1	470													tbd pending Admin projections and Dean Team configuration; departments vs. interdisciplinary
	Science Chair Office (Rm.365=120 and 365A=80)	200	1	200													
	Science Secretary Office (Rm.367)	330	1	330													
T.12	Social Studies Teacher Office (Rm.393)	690	1	690													
	Social Studies Chair Office (Rm.393A)	120	1	120													
T.13	English Teacher Office (Rm.394)	690	1	690													English Dept. prefers to be together for collaboration and coordination;
	English Chair Office (Rm.394A)	120	1	120													
	English Office (Rm.339)	250	1	250													
	English Office (Rm.332)	410	1	410													
	English Office (Rm.411)	320	1	320													
	Eng/SS Book Storage (Eng.Rm.396, SS.Rm.390)	400	2	800													
	Eng/SS Shared Conference Room (Rm.394B)	180	1	180													
	Eng/SS Shared Kitchenette (Rm.394C)	170	1	170													
T.14	Math Teacher Office (Rm.268) w/Kitchen (Rm.271)	720	1	720													610sf + 110 sf
	Math Office - Small (Rm.268A)	100	1	100													
	Math Office - (Rm.272)	110	1	110													
T.15	Language Resource (Rm.212)	470	1	470													
	Language Chair Office (Rm.212A)	130	1	130													
	Language Office - Small (Rm.212B)	100	1	100													
	ELL - SEI Office (Rms.234)	Varies	2	240													use MSBA Standard Small Group/Seminar 500sf
	Teacher Planning (Rm. 215)	210	1	210													
	Performing Arts Office (Rm.322 and 216)	250	1	250													
	VArts Offices see also UAB		1														
T.20	Teacher/Staff Lounge - Kitchenette see K.41																See K.41 Kitchenette; (Rm.256 near ACE)

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SPECIAL EDUCATION						15,110			20,780			22,280			26,180		SPECIAL EDUCATION
<i>(List rooms of different sizes separately)</i>																	
Main Building - 115 Greenough																	
E.10	SPECIAL ED.Classroom - Self-Contained	subtotal	3,610			6		950	4	3,800	950	4	3,800	950	18	17,100	(MSBA SPECIAL ED Self-Contained Classroom w/Toilet E.20)
E.11	SPECIAL ED - RISE & English (Rm.142)	680	1	680	680	1	680										Expand.Utiliz. @3.361 =4
E.12	SPECIAL ED - RISE (Rm.146)	700	1	700	700	1	700										
E.13	SPECIAL ED - CBC (Rm.148)	490	1	490	490	1	490										
E.14	SPECIAL ED - Math (Rm.237)	490	1	490	490	1	490										0.286
E.15	SPECIAL ED - English (Rm.334)	540	1	540	540	1	540										Senior English 0.143; and 0.286
E.16	SPECIAL ED - BRIDGE (Rm.105)	660	1	660	660	1	660										Language Academic Home Base
E.20	Self-Contained SPECIAL ED Toilet at E.10					0		60	4	240	60	4	240	60	18	1,080	(MSBA SPECIAL ED Toilet w/ Self-Contained Classroom E.10)
	Toilet Rm.105 near BRIDGE/ near CBC (Rm.152)	50	1	50	50	1	50										PT at the Mezzanine Physical Ed./Fitness
E.30	Special Ed. Resource Room							500	8	4,000	500	8	4,000	500	8	4,000	
E.31	Special Ed. Offices (Rm.123) - Psychologist	460	1	460	460	1	460										
E.40	NEW - PT				1,000	1	1,000	1,000	1	1,000	1,000	1	1,000				
	PT see PE/Fitness Mezzanine Rm.MO14				undersized												PT at the Mezzanine Physical Ed./Fitness
E.41	NEW - OT				500	1	500	500	1	500	1,000	1	1,000				
E.50	SP-Transition/Employment (Rm.109B)	710	1	710	710	1	710	710	1	710	710	1	710				confirm schedule for Transition 1 & 2, and Employment Support 1 & 2
E.60	NEW Kitchen and Laundry Facility							200	1	200	200	1	200				
E.70	NEW Life Skills Apartment							500	1	500	500	1	500				
SPECIAL EDUCATION continues next page				S.E. continues next page			S.E. continues next page			S.E. continues next page							

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BROOKLINE HIGH SCHOOL				BHS CAMPUS Existing Conditions Inventory			ENROLLMENT ACCOMMODATION			MASSACHUSETTS HS STANDARDS			BHS EDUCATION PLAN			MSBA Guidelines for 2700 Enrollment			Comments / Notes		
group	ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals		
SPECIAL EDUCATION continues previous page <i>(List rooms of different sizes separately)</i>																					
E.80	Small Group Room (SP-Tutorial/Centers)	subtotal	6,200			10			10			14		500	8	4,000				SPECIAL ED Tutorials	
E.41	Small Group Room (@ Rm.334; E.15)	240	1	240	240	1	240	240	1	240	240	1	240							SPECIAL ED Tutorial Expand.Utiliz. @9.58 = 10	
	Special Ed Conference (@ Rm.148; E.13)	180	1	180	180	1	180	180	1	180	180	1	180								
E.42	Social & Speech Lang. Therapy (Rm.126)	600	1	600	600	1	600	600	1	600	600	1	600							Speech and Language Utiliz.= 0.294 = 1	
	Soc.& Spch Lang. Sm.Ofcs @ Rm.126)	130	3	390	130	3	390	130	3	390	130	3	390								
	Soc.& Spch Lang. Md.Ofcs @ Rm.126)	180	2	360	180	2	360	180	2	360	180	2	360								
E.17	SPECIAL ED - Small Group - LAHB (Rm.407)	confirm																		Language Academic Home Base	
	Special Ed (Rm. 121B)	210	1	210	210	1	210	210	1	210	210	1	210								
	Special Ed (Rm. 121A)	360	1	360	360	1	360	360	1	360	360	1	360								
E.50	SPECIAL ED - Pathways (Rm.240)	500	1	500	500	1	500	500	1	500	500	1	500								
E.52	Supported Learning (Rm.124)	890	1	890	890	1	890	890	1	890	890	1	890								
E.53	Sp-Learning Centers (Rm.100)	550	1	550	550	1	550	550	1	550	550	1	550							was Adult Ed.	
	SP.E - Learning Center (Rm.284)	660	1	660	660	1	660	660	1	660	660	1	660								
	SP.E - Learning Center (Rm.311)	740	1	740	740	1	740	740	1	740	740	1	740								
	SP.E - Learning Center English (Rm.407) LAHB	520	1	520	520	1	520	520	1	520	520	1	520								
E.80	EXPAND Small Group Room							500	2	1,000			500	4	2,000					SPECIAL ED Tutorial Expand.Utiliz. @9.58 = 10	
E.90	SPECIAL ED Admin																				
	Special Ed Chair Office	110	1	110	110	1	110	110	1	110	110	1	110								
	Special Education	120	1	120	120	1	120	120	1	120	120	1	120								
ExCEL						2,400	total w/SPECIAL ED			total w/SPECIAL ED			total w/SPECIAL ED								
Main Building - 115 Greenough							tbd			tbd			tbd								
EX.10	ExCEL (Rm. 203)	930	1	930	930	1	930	930	1	930	930	1	930							Expand.Utiliz. @3.6 = 4	
	ExCEL (Rm. 204)	560	1	560	560	1	560	560	1	560	560	1	560								
	ExCEL (Rm. 205)	280	1	280	280	1	280	280	1	280	280	1	280								
	ExCEL (Rm. 202)	480	1	480	480	1	480	480	1	480	480	1	480								
EX.30	Excel Office	150	1	150	150	1	150	150	1	150	150	1	150								
Winthrop House						0			0			0				0					Winthrop House
TBD: confirm existing and expansion		Confirm and provide existing																			confirm impact of enrollment on Winthrop Program; Currently @26; max.@ 32-40

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BHS CAMPUS Existing Conditions Inventory																					
group	ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals					
ART & MUSIC / DANCE						9,120			9,120			11,200			14,610			11,425	ART & MUSIC		
<i>(List rooms of different sizes separately)</i>																					
VISUAL ARTS																					
Main Building - 115 Greenough																					
F.00	Exhibit Gallery / NEW Display				450	1	450	450	1	450	450	1	450	450	1	450			Expansion Utilz. @7.059 = 8 Community Artists Exhibit, see Common Shared CS.50- Large Flexible Courtyard Space NEW Community Display & Gallery (see UAB F.40 and Renovate Rm.27C)		
UAB																			UAB Display walls at stair Landing		
F.10	Art Classroom - 25 seats																	1,200	5	6,000	For Maker Spaces see Common Shared CS.20
F.11	Ceramics - UAB Rm. 21	1,550	1	1,550	1,550	1	1,550	1,550	1	1,550	1,550	1	1,550	1,550	1	1,550					
F.12	Painting (Rm.29)	1,580	1	1,580	1,580	1	1,580	1,580	1	1,580	1,580	1	1,580	1,580	1	1,580					
F.13	Drawing (Rm.26)	1,400	1	1,400	1,400	1	1,400	1,400	1	1,400	1,400	1	1,400	1,400	1	1,400					
F.14	Metals /Jewelry Making - UAB Rm.21	1,480	1	1,480	1,480	1	1,480	1,480	1	1,480	1,480	1	1,480	1,480	1	1,480					
F.15	Sculpture (Rm.27C)	470	1	470	470	1	470	470	1	470	470	1	470	470	1	470					
F.40	NEW Sculpture Studio RENO UAB see G.23				1,200	1	1,200	1,200	1	1,200	2,000	1	2,000	2,000	1	2,000				see F.00 Renovate as Visual Art Display Gallery Large scale metal, wood, plaster and ventilation for equipment	
New Sculpture Outdoor Terrace																				exterior space not included in net sf	
F.20	Art Workroom w/ Storage & kiln																	150	5	750	
	Ceramics & Sculpture Storage	40	1	40	40	1	40	40	1	40	40	1	40	40	1	40					
	Kiln Room	240	1	240	240	1	240	240	1	240	240	1	240	240	1	240					
	Clay Room	250	1	250	250	1	250	250	1	250	250	1	250	250	1	250					
F.30	Darkroom Suite - UAB	240	1	240	240	1	240	240	1	240	240	1	240	240	1	240					
F.31	Photography Suite - UAB (Rm.30)	590	1	590	590	1	590	590	1	590	590	1	590	590	1	590					
F.32	Photography Storage - 150+40	190	1	190	190	1	190	190	1	190	190	1	190	190	1	190					
F.33	Portrait Studio Suite - UAB 2nd Flr	420	1	420	420	1	420	420	1	420	420	1	420	420	1	420					
F.34	Portrait Studio Storage - UAB 2nd Flr	150	1	150	150	1	150	150	1	150	150	1	150	150	1	150					
see G.30	TV Production Digital design see CE	existg=2,850 sf			subtotal	21,250		subtotal	22,090												
ART & MUSIC / DANCE continues next page				continues next page			continues next page			continues next page											

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ART & MUSIC / DANCE continues previous page																	
MUSIC/DANCE																	
Performing Arts (also AUD./DRAMA)																	
Main Building - 115 Greenough																	
F.10	Band - 50-100 seats (Rm.120)	1,750	1	1,750	1,750	1	1,750	1,750	1	1,750	1,750	1	1,750	1,500	1	1,500	Music Expand.Utiliz. @2.185 =3; Music Utiliz. Z-Block=6; provide dedicated Piano Lab; Small Choral
F.11	NEW Band				reschedule 2nd section			reschedule 2nd section			1,500	1	1,500				Dedicated Digital Studio
F.12	Chorus - 50-100 seats (Rm.324)	1,140	1	1,140	1,140	1	1,140	1,500	1	1,500	1,500	1	1,500	1,500	1	1,500	Music Utiliz. Z-Block=6; see F.13Dedicated Piano Lab; Small Choral
F.13	NEW Chorus				reschedule 2nd section			reschedule 2nd section			see New Music F.11 or F.15						
F.14	Orchestra	existg uses J.20 & J.61			existg uses J.20 & J.61			existg uses J.20 & J.61			see New Music F.15						existing uses the Drama Stage & White Box under-sized volume for 80+ students
F.15	NEW Music Space - Large										1,500	1	1,500				Acoustic performance; double-height space for Orchestra, Jazz, Rock etc.
F.20	Ensemble							200	1	200	200	1	200	200	1	200	
F.121	Music Practice	Varies	2	280	Varies	2	280	75	8	600	80	12	960	75	13	975	
F.23	Music Storage (Instruments)							500	1	500	500	1	500	500	1	500	
Tappan Gym																	
F.30	Dance Studio-1	2,950	1	2,950	2,950	1	2,950	2,950	1	2,950							Dance not included in MSBA guidelines
	Dance Studio-2	2,360	1	2,360	2,360	1	2,360	undersized, low ceilings			undersized, low ceilings						Existing Ceiling height to low; repurpose space
F.31	Dance Storage	250	2	500	250	2	500	250	2	500	250	2	500				
F.32	Dance Office-1	40	1	40	40	1	40	100	1	100	100	1	100				
	Dance Office-2	100	1	100	100	1	100	100	1	100	100	1	100				
F.13	NEW Dance Studio-2							3,000	1	3,000	3,000	2	6,000				

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ENROLLMENT ACCOMMODATION

MASSACHUSETTS HS STANDARDS

BHS EDUCATION PLAN

HMFH Architects

BROOKLINE HIGH SCHOOL				BHS CAMPUS Existing Conditions Inventory									MSBA Guidelines for 2700 Enrollment			Comments / Notes	
group	ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	
CE - CAREER EDUCATION (CTE) VOCATIONS & TECHNOLOGY				19,160			18,680			19,220			20,000			28,800	CE - CAREER TECHNOLOGY
<i>(List rooms of different sizes separately)</i>																	
Main Building - 115 Greenough																	
G.10	Culinary Arts (MSBA Tech Shop)	subtotal	1,790														
G.10	Culinary Kitchen (Rm.108)	700	1	700	700	1	700										Existing Culinary Arts=1; Expand.Utiliz @2.35; requires (2) kitchens at Z-block, provide a larger Kitchen. Expand Reno or New relocate
	Expand Culinary Arts (Kitchen)				1,000	1	1,000	2,000	1	2,000	2,000	1	2,000				Locate with Community Access
G.11	Restaurant (Rm.106)	720	1	720	720	1	720	720	1	720	720	1	720				
G.12	Culinary Office (Rm.113)	150	1	150	150	1	150	150	1	150	150	1	150				
G.13	Culinary Support	220	1	220	220	1	220	220	1	220	0	1	-				
G.20	Int. Construct. Tech. (MSBA Tech Shop)													2,000	9	18,000	Wood Shop Utiliz. @=1; coord w/Adult ED
UAB																	
G.21	Int Construction Tech Carpentry (Rms.10 & 11)	1,370	2	2,740	1,370	2	2,740	1,370	2	2,740	1,370	2	2,740				Wood Shop Utiliz. @=1; coord w/Adult ED
G.22	Int. Constr Tech Carpentry Finishing	490	1	490	490	1	490	490	1	490	490	1	490				Wood Shop also used by Adult ED or Other
G.23	Engineering by Design Lab - UAB (Rm.13)	3,240	1	3,240	1,240	1	1,240	1,240	1	1,240	1,240	1	1,240				Existing is oversized for Engineering; see Renovate and see Sculpture Studio
	(RENO Rm.13 for see Sculpture Studio F.40)				Renovate see F.40			Renovate see F.40			Renovate see F.40						Renovate and see Sculpture Studio
	Engineering Office Rm.13A @ Rm.13	100	1	100	100	1	100	100	1	100	100	1	100				Also see Collaborative maker Spaces CS.
G.30	TV Studio/Digital Design (MSBA Tech)	existg=2,850 sf			subtotal	2,850		subtotal	2,850		subtotal	2,850					
	Digital/TV/Video Studio BlueLab (Rm.49A)	720	1	720	720	1	720	720	1	720	720	1	720				For additional Digital Design Computer Lab see both G.44 and G.45; and Library/ Media L.10
	Digital/TV/Video Studio RedLab (Rm.49B)	520	1	520	520	1	520	520	1	520	520	1	520				Confirm need for Screening room; Film and Video Editing Labs
	Control Room	290	1	290	290	1	290	290	1	290	290	1	290				
	TV Studio (Rm.48B)	650	1	650	650	1	650	650	1	650	650	1	650				
	TV Studio Storage (Rm.46)	670	1	670	670	1	670	670	1	670	670	1	670				Relocate/add Storage Reno as Studio
CE (CTE) CAREER TECH. continues next page					CE continues next page			CE continues next page			CE continues next page			CE continues next page			

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ENROLLMENT ACCOMMODATION

MASSACHUSETTS HS STANDARDS

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BROOKLINE HIGH SCHOOL		BHS CAMPUS Existing Conditions Inventory			ENROLLMENT ACCOMMODATION			MASSACHUSETTS HS STANDARDS			BHS EDUCATION PLAN			MSBA Guidelines for 2700 Enrollment			Comments / Notes
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CE (CTE) CAREER TECH. continues previous page																	
G.40 Business-Finance/MSBA (Drafting, Business)				-										1,200	9	10,800	
Main Building - 115 Greenough																	CE Expand.Utiliz.@3.52 =4; enlarge existg
G.40	School Store (Rm.116)	400	1	400	400	1	400	400	1	400	400	1	400	400	1	400	schedule as CE; Reno, relocate or new
UAB																	
G.41	Engineering Futures ClassLab Rm.16	1,090	1	1,090	1,090	1	1,090	1,090	1	1,090	1,090	1	1,090	1,090	1	1,090	Expand.Utiliz.Tech @1.597 =2
G.42	Business/ Early Childhood - UAB Rm.31	1,400	1	1,400	1,400	1	1,400	1,400	1	1,400	1,400	1	1,400	1,400	1	1,400	Renov for Business OR Early Childhood not combined; see new
G.43	Information Tech UAB Rm.31A	340	1	340	340	1	340										Confirm space assignment
G.44	Computer Science - UAB Rm.33	620	1	620	620	1	620										confirm use existing UAB Rm.33 or reno
G.45	NEW Bus./Tech./Computer - ClassLab		1					1,200	1	1,200	1,200	1	1,200	1,200	1	1,200	also see CS.20 Maker Space
G.50 CE-Food Prep																	Expand.Utiliz.Food Prep @3.02 =3
UAB	Family & Consumer Science - Rm.38	1,580	1	1,580	1,580	1	1,580	1,580	1	1,580	1,580	1	1,580	1,580	1	1,580	
Renovate and Expand Existing UAB 2nd Floor								Renovate Existing			1,000	1	1,000				BHS prefers to expand existing rooms rather than add (1) room; 2,000 nsf optimum
UAB	Family & Consumer Science - Rm.39 @1,000 nsf plus Office & Storage	1,640	1	1,640	1,640	1	1,640	1,640	1	1,640	1,640	1	1,640	1,640	1	1,640	Rm.39 is undersized; subdivided 1,000 sf; reconfigure storage and office for 1,500 sf min.
G.60 Medical Career																	Expand.Util.@.5=1; confirm G.50-G.51 room sizes for occ., equipmt., adjacency
G.61	Medical Careers (Rm.347)	730	1	730	off-site program			off-site program			off-site program					program w/Longwood Medical	
G.62	Medical Interpretation (SHARED)	150	1	150													
G.70 Early Childhood																	Expand.Util.=1; confirm reno existing OR
	Shares space with Business see G.42	see G.42															confirm provide dedicated space; PLUS see
	NEW Early Education Lab (Observation) Coordinate location and Staff-Daycare see SD.01				1,400	1	1,400	1,400	1	1,400	1,400	1	1,400	1,400	1	1,400	NEW Education Lab w/Observation 1,200 plus 200sf Observ. Office

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HEALTH/FITNESS & PHYSICAL EDUCATION						71,950			76,890			77,990			31,320		HEALTH /FITNESS/ PE
<i>(List rooms of different sizes separately)</i>																	
Main Building - 115 Greenough																	Confirm Off-Site Athletic Facilities for TEAMS
H.10	Schluntz Gym - Low Ceiling w/obstructions	11,835	1	11,835										12,000	1	12,000	Used by Community Rec.
H.20	Gym Storeroom	Varies	2	1,145										300	1	300	
H.21	Phys. Ed. Storage	Varies	4	320										500	1	500	plus see HT.21 Tappan Storage
	Sports Store Rooms	Varies	2	1,740													
H.30	Lockers	subtotal	10,030											15,120	1	15,120	plus see HT.30 Tappan Lockers
H.31	Locker Rooms - Boys	5,110	1	5,110													Renovate and Reconfigure Existing Locker Rooms; also locate near Fitness, Multi-purpose Rm., Dance Studios, and improve changing, shower spaces and make secure. Room
H.32	Locker Room Toilets - Boys	190	1	190													
H.33	Locker Rooms - Girls	4,680	1	4,680													
H.34	Locker Room Toilets - Girls	Varies	2	50													
H.35	Visiting Team Room - Lockers	745	1	745													Confirm Visiting Team Rm and Locker
	OR Team Room (Rm.25)	1,170	1	1,170													
H.40	Athletic Director's Office	345	1	345	150	1	150	150	1	150	150	1	150	150	1	150	Coordinate with Renovations at Tappan Gym
	Athletic Director's Secretary	145	1	145													
	PE Director	170	1	170	250	1	250	250	1	250	250	1	250	250	1	250	Coordinate with Renovations at Tappan Gym
	PE Office's	120	1	120	120	1	120	120	1	120	120	1	120				
	PE Workroom	150	1	150	150	1	150	150	1	150	150	1	150				
	Officials Office	Varies	2	160	100	1	100	100	1	100	100	1	100				
	Coaches' Office	80	1	80	100	1	100	100	1	100	100	1	100				
	Coaches Toilet and Shower	40	1	40	see H.35 above			see H.35 above			see H.35 above						
	PE Mezzanine Conference Room	1,460	1	1,460													
see HT.15	Crew Training	1,310	1	1,310	see Tappan Gym			see Tappan Gym			see Tappan Gym						See MSBA PE Alternate below H.15
	Fitness	1,280	1	1,280													
HEALTH/FITNESS & PE continues next page				PE continues next page			PE continues next page			PE continues next page							

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HEALTH/FITNESS & PE continues previous page																					
Tappan Gym - SHARED - BHS & REC.							renovate existing plus new		71,080	renovate existing plus new		76,020	renovate existing plus new		77,120					Confirm Off-Site Athletic Facilities for TEAMS	
HT.12	T-GYM-1 Gymnasium - Large	7,130	1	7,130	7,130	1	7,130	15,000	1	15,000	15,000	1	15,000	see H.10					Used by Community Rec.		
HT.13	T-GYM-2 Gymnasium - Small	5,930	1	5,930	5,930	1	5,930	part of see HT.13			part of see HT.13			see H.10					Used by Community Rec.		
HT.14	T-Indoor Playing Field - Pavilion	14,980	1	14,980	14,980	1	14,980	14,980	1	14,980	14,980	1	14,980	see H.10					Used by Community Rec.		
H.70	NEW Field House - Expand Indoor Play Field																25,000	1	25,000	200m Track, 4-volleyball courts, batting cages, badminton, tennis	
HT.15	NEW PE Court				6,000	1	6,000	6,000	1	6,000	6,000	1	6,000		3,000	1	3,000		3,000	(MSBA PE Alternate)	
HT.17	Multi-Purpose Room - Large @ Mezz.	2,200	1	2,200	2,200	1	2,200	2,200	1	2,200	2,200	1	2,200							locate Multi-purpose near locker rooms	
HT.18	Multi-Purpose - Med. Rm.32	630	1	630	630	1	630	630	1	630	630	1	630								
HTR.16	Wrestling	2,380	1	2,380	2,380	1	2,380	2,380	1	2,380	2,380	1	2,380							Used by Community Rec.	
	Wrestling Storage	Varies	2	340	Varies	2	340	Varies	2	340	Varies	2	340								
HT.20	T-GYM-1 Storage	Varies	2	720	Varies	1	720	Varies	2	720	Varies	2	720								
	T-GYM-2 Storage	450	1	450	450	1	450	450	1	450	450	1	450								
H.30	NEW Lockers (BHS use)	subtotal	10,505		15,120	1	15,120	15,120	1	15,120	15,120	1	15,120	see previous pg.						plus see H.30 BHS Lockers	
HT.30	* T-Boys Locker & Shower Rooms	5,380	1	5,380	5,380	1	5,380	5,380	1	5,380	5,380	1	5,380							* REC-Community Use; confirm all TEAMS	
	* T-Girls Locker & Shower Rooms	4,270	1	4,270	4,270	1	4,270	4,270	1	4,270	4,270	1	4,270							* REC-Community Use; confirm all TEAMS	
	Coaches Locker & Shower Rooms	855	1	855																	
H.35	NEW Individual Shower Rooms				100	4	400	100	4	400	100	4	400								Staff and Transition
H.40	RENO/NEW Sports Medicine Center		2,270		Reno existing			Reno existing			3,000	1	3,000							locate Fitness near locker rooms	
HT.40	Coach / Phys Ed Office	260	1	260	260	1	260	260	1	260	260	1	260								
	Phys Ed Office	230	1	230	230	1	230	230	1	230	230	1	230								
	Training - Large	1,100	1	1,100	1,100	1	1,100	1,100	1	1,100	1,100	1	1,100								
	Training - Small	340	1	340	340	1	340	340	1	340	340	1	340								
	Phys Ed Office	60	1	60	60	1	60	60	1	60	60	1	60								
	Officials Room (Rm.124)	70	1	70	70	1	70	70	1	70	70	1	70								
	Office (Rm.104)	210	1	210	210	1	210	210	1	210	210	1	210								
see M.50	NEW Nurse Office for GYM-UAB				see Medical for sf			see Medical for sf			see Medical for sf									Locate new nurse etc. @ TAPPAN Sports Medicine Center	
H.50	NEW Wellness/Fitness Center 50+ occ. Flexible							3,000	1	3,000	3,000	1	3,000							locate Fitness near locker rooms	
HT.51	Fitness Center	2,700	1	2,700	2,700	1	2,700	2,700	1	2,700	2,700	1	2,700								
	Fitness Storage	180	2	360	180	1	180	180	1	180	180	1	180								
see F.15	Dance Studio/ Dance Offices see ART & MUSIC/DANCE																			for Dance Studios see F.15 Ed Plan locate dance near locker rooms	

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BHS CAMPUS Existing Conditions Inventory																			
group	ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals			
PERFORMING ARTS : AUDITORIUM / DRAMA						16,450			16,190			17,470			27,310			10,400	AUDITORIUM / DRAMA
Main Building - 115 Greenough																			Existing Auditorium / Drama program space
J.10	Auditorium	6,210	1	6,210	6,210	1	6,210	6,210	1	6,210	6,210	1	6,210	7,500	1	7,500		MSBA based on 750 seats max.	
	Balcony	2,210	1	2,210	renovate		2,210	renovate		2,210	renovate		2,210						renovate balcony space
	Tech-Balcony	105	2	210	105	2	210	105	2	210	105	2	210						catwalk at Fly-loft Rigging
J.20	Stage	2,380	1	2,380	2,380	1	2,380	2,380	1	2,380	2,380	1	2,380	1,600	1	1,600			
	Stage Office	70	1	70	70	1	70	70	1	70	100	1	100						
	Stage Shower	20	1	20	20	1	20	20	1	20	reno or repurpose w/ office								
J.30	Auditorium Storage	confirm all												500	1	500			confirm all existing performing arts storage; and to remain
J.40	Make-up / Dressing Rooms	Varies	2	180	Varies	2	180	Varies	2	180	300	2	600	300	2	600			
J.41	Green Room	215	1	215	215	1	215	215	1	215	215	2	430						
J.50	Controls / Lighting / Projection	95	1	95	95	1	95	95	1	95	200	1	200	200	1	200			
	Scenery Workshop	750	1	750	750	1	750	750	1	750	2,000	1	2,000						Not included in MSBA space standards
	Scenery Workshop Office	135	2	270	135	2	270	135	2	270	135	2	270						additional program space totals
J.60	Black Box Theater (Rm. 323)	1,860	1	1,860	1,860	1	1,860	3,000	1	3,000	3,000	1	3,000						New includes 2400 Box, 200 Controls, 200 Lighting, 200 Storage
	Black Box Control Room (Rm. 319)	260	1	260															
J.61	White Box (Rm.220) Orchestra & Drama	1,720	1	1,720	1,720	1	1,720	use J.60 repurpose		1,860	2,000	1	2,000						Orchestra; Drama Set-Storage; Back Stage Power
J.70	New Theatre 400 seat										7,700								
	New Theatre Stage										4,000	1	4,000						Education Plan
	New Theatre Control Rm										2,000	1	2,000						
	New Theatre Catwalk / Lighting										200	1	200						
	New Theatre Piano Storage/ Storage										1,000	1	1,000						
											500	1	500						

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HMFH Architects

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group	ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	
DINING & FOOD SERVICE				17,240			19,450			19,450			19,830	19,850	DINING & FOOD SERVICE		
Main Building - 115 Greenough					extg subtotal	10,910			13,120			13,120					2700 enroll; adds 1,440 nsf per MSBA standards
K.10	Cafeteria / Student Lounge / Break-out	9,250	1	9,250	9,250	1	9,250	9,250	1	9,250	13,500	1	13,500	13,500	1	13,500	existing space is not to current standards
	Cafeteria Overflow	1,660	1	1,660	1,660	1	1,660	1,660	1	1,660							
	New Expand Cafeteria				2,210	1	2,210	2,210	1	2,210							
K.11	Chair / Table Storage		0											825	1	825	assume use existing; confirm location(s)
K.20	Scramble Serving Area	1,990	1	1,990	existing		1,990	existing		1,990	existing		1,990	600	1	600	Renovate and Reconfigure Servery
	Renovate Reconfigure Servery Kitchen				reconfigure servery			reconfigure servery			reconfigure servery						
K.30	Kitchen	1,330	1	1,330	existing	subtotal	2,855	existing	subtotal	2,855	existing	subtotal	2,855	4,000	1	4,000	assume renovate existing
	Kitchen Office	95	1	95													
	Ingredients Storage	470	1	470													
	Dry Storage	Varies	2	960													
					review BHS Food Service			review BHS Food Service			review BHS Food Service						per MSBA standards no added space; review with Food Service
K.40	Staff Lounge (Rm.171)	1,485	1	1,485	1,485	1	1,485	1,485	1	1,485	1,485	1	1,485	925	1	925	Existing Staff Lounge; or repurpose

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LIBRARY / MEDIA CENTER				9,070			16,800			16,800			16,800			16,775	LIBRARY / MEDIA CENTER
Main Building - 115 Greenough																	2700 enroll; adds 2,760 nsf per MSBA standards
L.10	Library / Media Center	6,570	1	6,570	6,570	1	6,570	Reno as Classrms or Admin			Reno as Classrms or Admin			16,775	1	16,775	
	Expansion & NEW Library / Media Center				7,730	1	7,730	16,800	1	16,800	16,800	1	16,800				review hub and spoke/satellite spaces; including book collection
	Library Tech Center	1,150	1	1,150	1,150	1	1,150										
	Library Study Room	70	2	140	70	2	140										
	Library Workroom (Rm.281A)	420	1	420	420	1	420										
	Library Office	140	1	140	140	1	140										
L.50	Media Center Computer Lab (Rms. 277)	650	1	650	650	1	650										coord and confirm with Visual Arts and Career Ed./CTE
see CS.40	Project Areas - Large							tbd			tbd						dedicated/ shared interdisciplinary flexible program space- see Common Shared Collaborative Learning
see CS.41	Project Areas - Medium																

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BHS CAMPUS Existing Conditions Inventory																	
group	ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	
MEDICAL						1,590			1,620			2,070			2,010	MEDICAL	
<i>(List rooms of different sizes separately)</i>																	2700 enroll; adds 680 nsf per MSBA standards
Main Building - 115 Greenough																	
M.11	Medical Suite Toilet	50	1	50	60	2	120	60	2	120	60	2	120	60	1	60	Ed Plan indicates (2) accessible Toilets
M.10	Nurse General / Waiting Room	580	1	580	580	1	580	400	1	400	400	1	400	250	1	250	
	Nurse Waiting	70	1	70	70	1	70								17		
M.12	Interview Room							100	4	400	100	4	400	100	6	600	
	Exam Room / Resting	Varies	2	220	Varies	2	220	100	6	600	100	9	900	100	11	1,100	
M.13	NEW Exam/ Restg or Interview Rooms				100	5	500										
M.14	Lab	90	1	90	100	1	100	100	1	100	100	1	100				
Tappan GYM - Medical Office											Medical Ofc @ Tappan						
M.50	NEW Nurse Ofc for GYM-UAB										150	1	150				Locate New Nurse Ofc. @ TAPPAN Sports Medicine Center
UAB - Medical Office								Medical Ofc @ UAB			Medical Ofc @ UAB						
M.55	Nurse Office - UAB (Rm.23A)	120	1	120	120	1	120	120	1	120	120	1	120				Town Medical Nurse Office for District

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group	ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	
ADMINISTRATION							6,180			7,590			7,790			4,720	MSBA total includes ADMIN. & GUIDANCE			
<i>(List rooms of different sizes separately)</i>																				Combined Total = 8,658
Main Building - 115 Greenough																				Additional Space PENDING
N.10	Main Office (MSBA General Office/ Waiting)	500	1	500	500	1	500	500	1	500	500	1	500	500	1	500	500	1	500	Expand Utilz. Not calculated for STAFF
N.11	Secretary Office	350	1	350	350	1	350	350	1	350	350	1	350	350	1	350	350	1	350	
N.12	Secretary Office	190	1	190	190	1	190	190	1	190	190	1	190	190	1	190	190	1	190	
N.13	Registrar	150	1	150	150	1	150	150	1	150	150	1	150	150	1	150	150	1	150	
N.14	Waiting Area	320	1	320	320	1	320	320	1	320	320	1	320	320	1	320	320	1	320	
N.20	Teachers' Mail and Time Room																			
N.21	Copy (MSBA Duplicating Rm)	80	1	80	80	1	80	80	1	80	80	1	80	80	1	80	80	1	80	confirm existing
	Workroom - BHS Rm.162D	200	1	200	200	1	200	200	1	200	200	1	200	200	1	200	200	1	200	
N.23	Records Storage	100	1	100	100	1	100	100	1	100	100	1	100	100	1	100	100	1	100	
N.30	Headmasters Office	390	1	390	390	1	390	390	1	390	390	1	390	390	1	390	390	1	390	
N.31	Headmasters Secretary	180	1	180	180	1	180	180	1	180	180	1	180	180	1	180	180	1	180	
N.32	Assistant Head Masters Office - AH1	240	1	240	240	1	240	240	1	240	240	1	240	240	1	240	240	1	240	
N.33	Assist. Head Masters Office -AH2 (MSBA)																			
N.34	Deans Office.1	200	1	200	200	1	200													
	Deans Office.2	240	1	240	240	1	240													
	NEW Deans Office @ Dean Teams							200	4	800			250	4	1,000					
N.37	Associate Deans Office	140	2	280	140	2	280													
	Social Worker (Rm. 317J)	140	1	140	140	1	140	140	1	140	140	1	140	140	1	140	140	1	140	
	ISS Office (Rm. 313)	140	1	140	140	1	140	140	1	140	140	1	140	140	1	140	140	1	140	
	NEW Assoc.Deans Offices @ Dean Teams							140	4	560			140	4	560					
N.38	Spare Office / Supervisory																			
	Dean Secretary Office (217A)	110	1	110																
	Office	50	1	50																
	Reception	170	1	170																
N.40	African-American/Latino Scholars (Rm.167)	310	1	310	310	1	310													ED Plan pg. 59
	BRYT Offices (Rm.107)	720	1	720	720	1	720	720	1	720	720	1	720	720	1	720	720	1	720	
	STEP TO SUCCESS - Career Center (Rm.163)	650	1	650	confirm coord see N.80			confirm coord see N.80												Coordinate with N.80 Guidance & UAB Career
	METCO Office (Rm.170)	630	1	630	630	1	630	630	1	630	630	1	630	630	1	630	630	1	630	
	Admin. Conference (Rm.164)	550	1	550	550	1	550	550	1	550	550	1	550	550	1	550	550	1	550	
	Teachers Work Room							1,350	1	1,350			1,350	1	1,350					
	UAB - CE/CTE ADMIN.																			
	Conference Room (Rm. 29C)	170	1	170	170	1	170													
	Nurse and Visual Arts Offices (Rm.23A and Rm.2	120	2	120	100	1	100													

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ADMIN. GUIDANCE				3,990			4,310			5,050			5,050			3,938	see MSBA ADMIN & GUIDANCE
<i>(List rooms of different sizes separately)</i>																	Combined Total = 8,658
Main Building - 115 Greenough																	
N.50	Conference Room (MSBA Admin& Guid.)	270	1	270	270	1	270	450	1	450	450	1	450	450	1	450	Expand Utilz. For Staff Not calculated
N.60	Guidance Waiting Rm		10					100	1	100	100	1	100	100	1	100	Additional Space PENDING
N.61	Guidance -Office	140	1	140	140	1	140	150	14	2,100	150	14	2,100	150	14	2,100	Existing Guidance Office +/-14;
N.62	PSS Directors Office	250	1	250	250	1	250										(1) Main Central Rm. OR per Team = (4) at 250 w/TEAMS
	PSS Office	130	2	260	130	2	260										
	Psychologist Office	210	1	210	210	1	210										
	Office	130	4	520	130	4	520										
	Office	420	1	420	420	1	420										
N.69	NEW Guidance at Dean Teams				150	2	300	150	4	600	150	4	600	150	4	600	
Social and Emotional Support																	
N.70	Substance/Violence Prevention Counsel/ Office Interview @ Nursing	Varies	3	380	100	4	400	100	4	400	100	4	400	100	4	400	adjacency with Nurse/Medical Office
N.75	Guidance - Internship Office (Rm.160L)	140	1	140	140	1	140										
	Guidance - Internship Center (160M)	220	1	220	220	1	220										
N.80	Guidance Career Office (Rm.279)	620	1	110	620	1	620	900	1	900	900	1	900	825	1	825	Expand.Utilz. @.168 =1
N.81	Guidance Career Center - Small(Rm.280)	110	1	620	110	1	110										
UAB - CE/CTE ADMIN.																	
	Career Ed (Rm.23)	350	1	350	350	1	350	confirm			confirm						
N.90	Guidance - Storeroom							100	1	100	100	1	100	100	1	100	
N.91	Guidance Records Storage	100	1	100	100	1	100	400	1	400	400	1	400	363	1	363	Central Secure Record Storage OR per TEAM

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OTHER				4,930			5,130			4,750			4,790			0	OTHER
<i>(List rooms of different sizes separately)</i>																	
0.01	Security Office				200	1	200	200	1	200	200	1	200				at Main Office or Asst.Head
0.02	After-School				use existing			use existing			use existing						confirm needs Office, Storage or Other
0.03	Summer School / Summer Programs				use existing			use existing			use existing						confirm needs Office, Storage or Other
Main Building - 115 Greenough																	
0.00	Student Newspaper (Rm. 385A)	570	1	570	570	1	570	570	1	570	570	1	570				
0.10	BEEP Rm.101	770	1	770	770	1	770	770	1	770	770	1	770				
0.11	BEEP Rm.107	720	1	720	720	1	720	720	1	720	720	1	720				
0.20	Alumni Center (Rm.165); combine with 0.30	460	1	460	460	1	460	460	1	460	500	1	500				combine w/21st Century Rm; confirm #of occ.; Add display casework
0.30	21st Century (Rm.168B); combine with 0.20	300	1	300	300	1	300	Alumni & 21st combined			Alumni & 21st combined						combine w/Alum. Center
0.50	Graphic Arts/ BHS Copy Center	690	1	690	690	1	690	1,000	1	1,000	1,000	1	1,000				BHS and District Facility locate w/ delivery access; confirm size for equip./print volume
	Graphic Arts/ BHS Copy Center Office	150	1	150	150	1	150										
	Ofc (Rm.104) @ Graphic Copy Ctr	100	1	100	100	1	100										
0.60	Adult Ed Classroom (Rm.04)	770	1	770	770	1	770	770	1	770	770	1	770				Adult Ed. Storage (Rm.03) 400sf not used
0.61	Adult Ed Office (Rm.109B)	140	1	140	140	1	140										Adult Ed. Office Not Required, combine with 0.60
0.70	BEU Office (Rm.004A)	260	1	260	260	1	260	260	1	260	260	1	260				(1) staff and (1) secretary
0.90	PEER Leadership	uses CRs															Expand.Util @2.33 =3; uses CR's Z-Block; confirm or provide dedicated space
UAB - 46 Tappan																	
	BIG - Brookline Interactive Group (N.A)	4,450	1		not included			not included			not included						NOT INCLUDED; existing to remain

Brookline High School - Feasibility Study - Proposed Space Summary

LEGEND

	Existing
	New
	Deficient Existing Program Space, see notes
	MSBA Guidelines

DRAFT PRELIMINARY

SUMMARY

06 FEB 2017 Issue

ENROLLMENT ACCOMMODATION

MASSACHUSETTS HS STANDARDS

BHS EDUCATION PLAN

HMFH Architects

BROOKLINE HIGH SCHOOL		BHS CAMPUS Existing Conditions Inventory			ENROLLMENT ACCOMMODATION			MASSACHUSETTS HS STANDARDS			BHS EDUCATION PLAN			MSBA Guidelines for 2700 Enrollment			Comments / Notes
group	ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	
CUSTODIAL & MAINTENANCE (BHS/UAB/GYM)				12,550			12,550			12,550			12,550			3,650	CUSTODIAL & MAINTENANCE
<i>(List rooms of different sizes separately)</i>																	
	Main Building - 115 Greenough	see inventory & plans		10,320	10,320	1	10,320	10,320	1	10,320	10,320	1	10,320	10,320	1	10,320	Confirm w/ BHS Bldg. Dept.
	Custodian's Office (Lounge)																
	Custodian's Workshop																
	Custodian's Storage																
	Recycling Room / Trash																
	Receiving and General Supply																
	Storeroom																
	Network / Telecom Room																
	UAB	see inventory & plans		530	530	1	530	530	1	530	530	1	530	530	1	530	Central Plant MEP NOT INCLUDED
	Central Plant not in NSF																Confirm w/ BHS Bldg. Dept.
	Tappan GYM	see inventory & plans		1,700	1,700	1	1,700	1,700	1	1,700	1,700	1	1,700	1,700	1	1,700	Confirm w/ BHS Bldg. Dept.
																	Kirrane Pool NOT INCLUDED

For Program Total(s) see Summary on Page 1

For additional program information not included in the Program Space Summary above, tracked separately, refer to the following

Brookline High School - Feasibility Study - Proposed Space Summary

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SUMMARY

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		group	ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals		
OTHER / BUILDING SERVICES																OTHER / BUILDING SERVICES	
	Town Medical Nurse Office at UAB																
	BHS Lock shop or Other Sch. Dept. Facilities															not included	
	Sch Dept. Offices (Webster St. Facility)																
OTHER / COMMUNITY - DAYCARE																COMMUNITY - DAYCARE	
	TBD Staff - Daycare															to be determined	
	SD.01 Confirm and provide information on existing															provide Staffing projections and need based on enrollment	
OTHER / COMMUNITY - HEALTH & WELLNESS																OTHER / COMMUNITY	
	Kirrane Pool - SHARED - BHS & REC.			14,560													
P.10	Natatorium	11,310	1	11,310													
	Pool - Storeroom	70	1	70													
P.20	Pool - Locker Rooms - Boys/Girls	1,150	1	1,150													
	Pool - Locker Rooms - Boys/Girls	1,670	1	1,670													
	Pool - Phys. Ed. Storage			-													
P.30	Pool Office	120	3	360													
	Pool Instructor's Office w/ Shower & Toilet			-													

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OUTDOOR PROGRAM / ACADEMIC & COMMUNITY																	OUTDOOR PROGRAM
<i>(List activities and of different sizes separately)</i>																	Not part of Building Net Sq. Ft. (NSF)
	Main Greenough Building - Courtyard	total area		32,930													
	Informal Gathering / Seating																
	Student Activities																
	Events																
	Cypress Field																FIELD / RECREATION
	Natural-Lawn Area																Confirm and coordinate with BHS Athletics Fitness
	Seating / Community Picnic																
	Flagpole / Memorial Plaque																
	Bicycle Parking																
	Turf Field and Lighting																
	Soccer, Lacrosse & (1-2) Softball maybe Football-Practice, no posts																
	Bleachers																
	Basketball Court - (1 or 2)																(1) min and (2) preferred
	TBD: Concessions/Restroom Facilities																
	OTHER																
	Fitness Loop at Sidewalks																
	Outdoor Assembly and Stage																
	Cypress Playground																PLAYGROUND
	Playground(s): 6months - 2 yrs																Confirm and coordinate with BHS
	Playground(s): 2 yrs - 5 yrs																
	Playground(s): 5 yrs - 12 yrs																
	Spray & Splash																
	TBD: Underground Parking Structure																PARKING
	Parking 1 to 3 levels w/headhouse(s)				50,000	1	50,000	50,000	2	100,000	50,000	3	150,000				49,000 footprint Parking w/ Ramp
	Stairs/ Elevator/ Paystations				GSF			GSF			GSF						