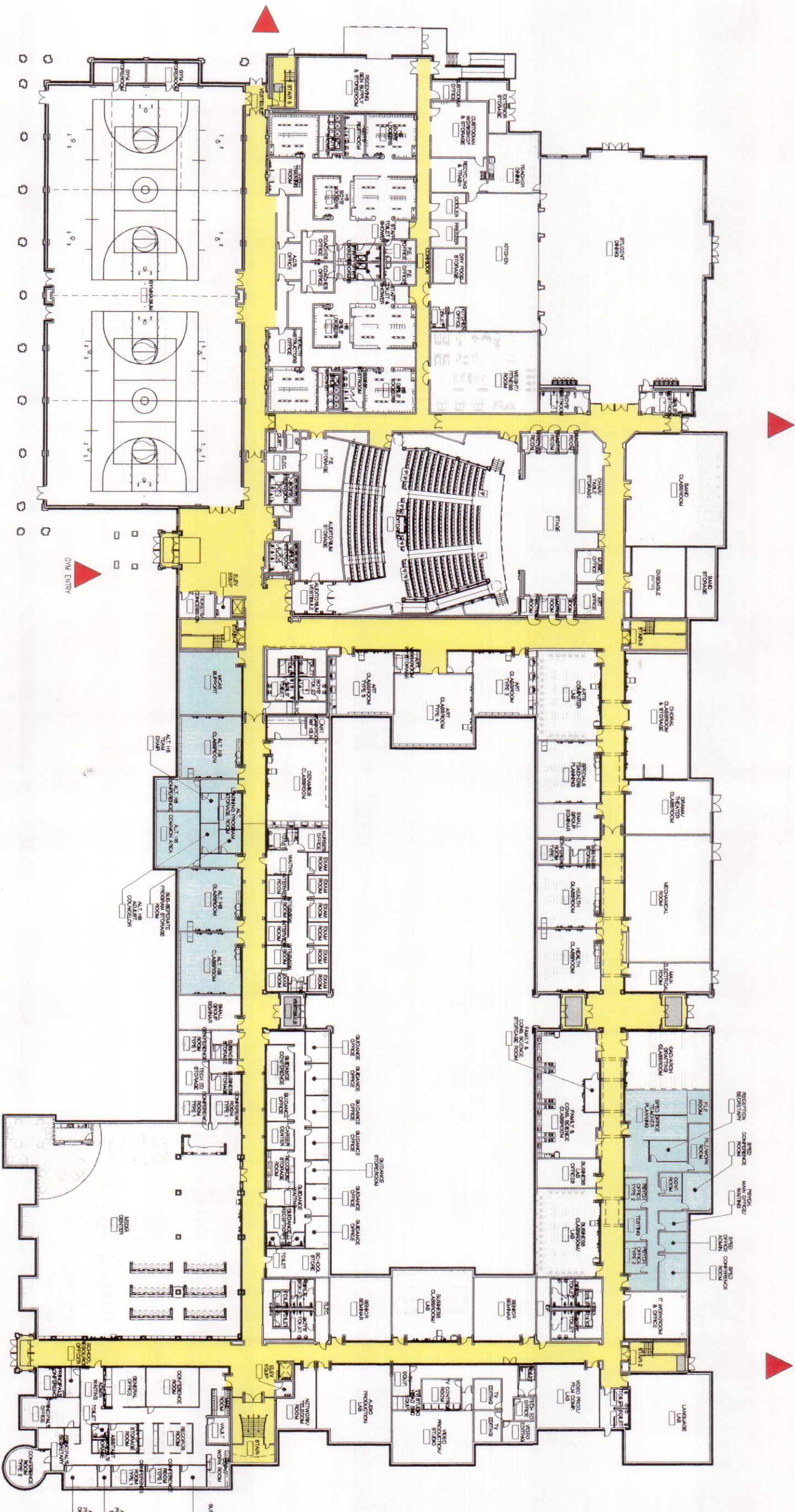




LEGEND

CIRCULATION ———

SPECIAL EDUCATION ———

**PRELIMINARY
FIRST FLOOR PLAN**

MAIN ENTRY

0' 10' 25' 50' 100'

1" = 50'-0"

Ai3 architects

526 BOSTON POST ROAD
WAYLAND, MA 01778

TEL. 508.358.0790
FAX. 508.358.0791

Franklin High School

Franklin, Massachusetts

NOVEMBER 09, 2011



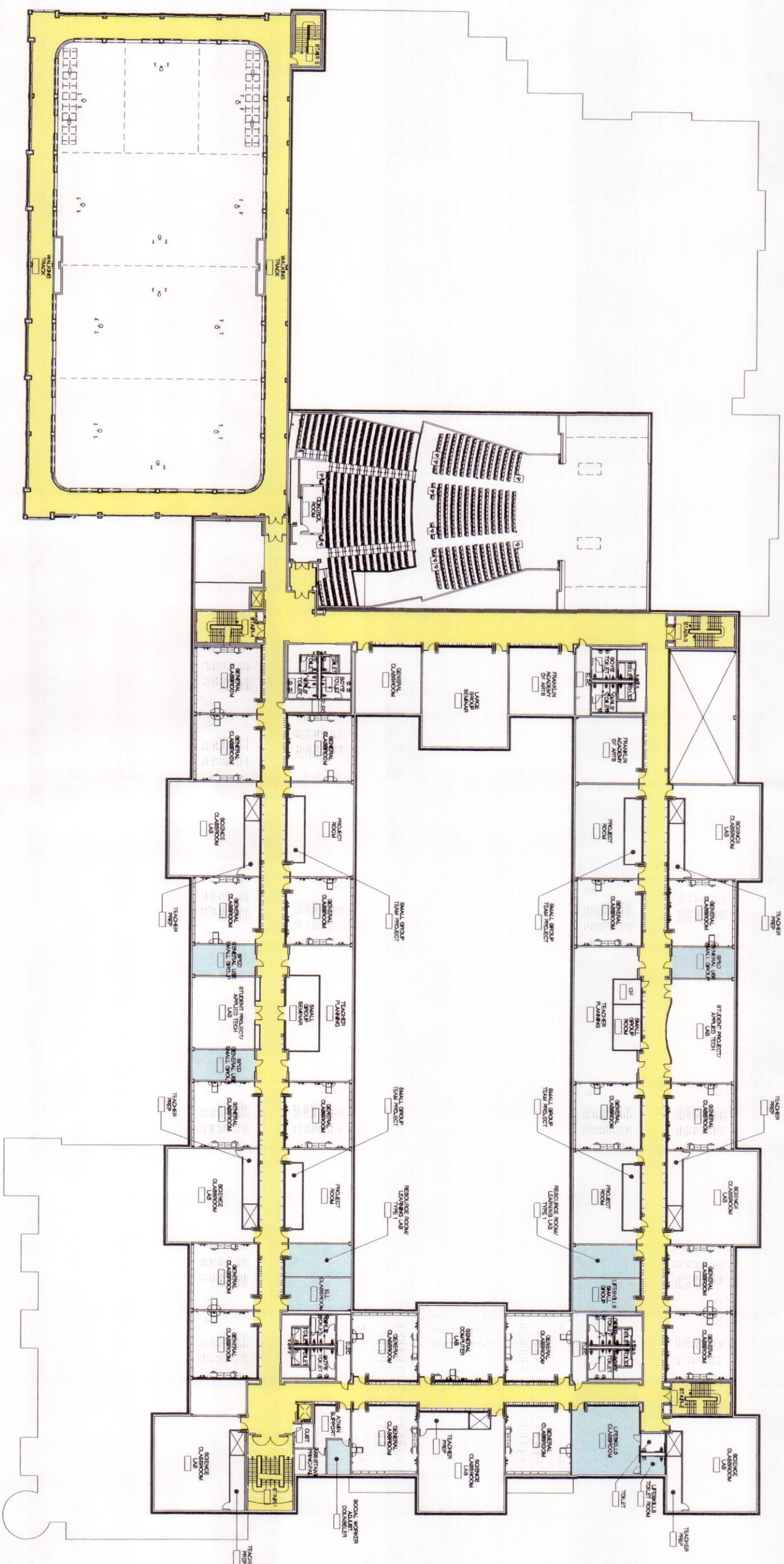


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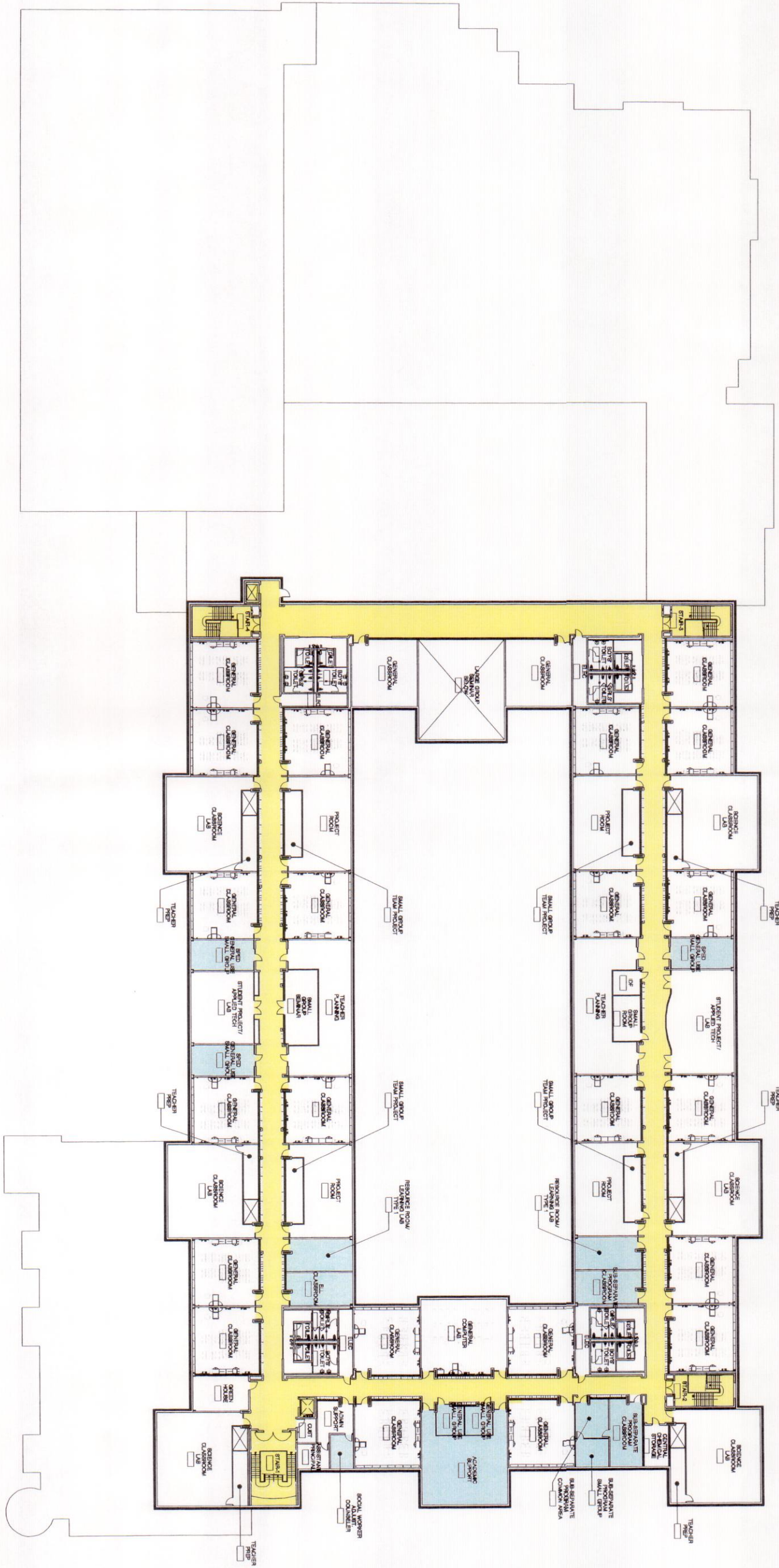
LEGEND

CIRCULATION

SPECIAL EDUCATION

PRELIMINARY SECOND FLOOR PLAN

$$I^m = 50' - 0''$$

LEGEND

CIRCULATION ———

SPECIAL EDUCATION ———

**PRELIMINARY
THIRD FLOOR PLAN**

1" = 50'-0"

0' 10' 25' 50' 100'





Franklin High School

DESE Space Summary Program

November 9, 2011



New Franklin High School	EXISTING Franklin 1,650 pupils			PROPOSED Franklin 1,650 pupils			MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)		
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals
CORE ACADEMIC SPACES			69,085			82,770			80,950
<i>Classroom - General (Subtotal)</i>		52	41,990		58		850	57	48,450
English - Type 1	765	12	9,180	830	11	8,715			
English - Type 2	1,035	1	1,035						
English - Type 3	1,225	1	1,225						
Foreign Language	770	8	6,160	830	11	8,715			
Math - Type 1	760	12	9,120	830	11	8,715			
Math - Type 2	1,225	1	1,225						
Social Studies - Type 1	765	11	8,415	830	11	8,715			
Social Studies - Type 2	950	1	950						
Social Studies - Type 3	1,225	1	1,225						
Health Classroom	900	3	2,700	830	2	1,660			
Business	755	1	755	see Technology Classrooms					
Franklin Academy of Arts				830	2	1,660			
Common/Computer/Breakout Space									
Project Room (1 per cluster)				950	8	7,600			
Small Group Room				230	2	460			
Senior Seminar (25-30 seats)				830	2	1,660			
<i>Teacher Planning (Subtotal)</i>		3	2,160				100	57	5,700
Type 1	425	1	425						
Type 2 (Interdisciplinary Arera for Specials)	745	1	745	1	1,000	1,000			
Type 3 (Interdisciplinary Area 1 for every 2 clusters)	990	1	990	4	1,200	4,800			
Conference Room (5 locations)				included in SF subtotal above					
Small Group / Team Project Rooms				230	8	1,840			
Small Group Seminar (20-30 seats)				465	4	1,860	500	4	2,000
<i>Science Classroom/Lab (Subtotal)</i>		17	19,385				1,440	15	21,600
Type 1	935	5	4,675						
Type 2	1,070	1	1,070						
Type 3	1,160	3	3,480						
Type 4	1,270	8	10,160	1,440	13	18,720			
Student Project / Applied Tech. Lab				1,200	2	2,400			
Student Project / Applied Tech. Lab				900	2	1,800			
<i>Prep Room / Storage Room (Subtotal)</i>		16	2,995				200	15	3,000
Type 1	105	3	315						
Teacher prep	155	5	775	150	13	1,950			
Type 3	190	2	380						
Type 4	235	5	1,175						
Greenhouse	350	1	350	300	1	300			
Student Project Prep				0	0	0			
Central Chemical Storage Room	115	1	115	200	1	200	200	1	200
<i>Core Academic Storage Rooms (Subtotal)</i>		9	1,150						
Foreign Language	155	1	155						
Math - Type 1	75	1	75						
Math - Type 2	150	2	300						
English	150	1	150						
Social Studies - Type 1	85	2	170						
Social Studies - Type 2	150	2	300						
<i>Teacher Planning Storage Rooms (Subtotal)</i>		3	460	incorporated into teacher planning rooms					
Type 1	50	1	50			0			
Type 2	120	1	120						
Type 3	290	1	290			0			
<i>Core Academic Offices (Subtotal)</i>		6	830	no dept. head offices					
Math	235	1	235						
Science - Type 1	85	1	85						
Science - Type 2	110	1	110						
Foreign Language	85	1	85						
Social Studies	160	1	160						
English	155	1	155						
SPECIAL EDUCATION			25,145			16,145			16,110
<i>Self-Contained SPED (Subtotal)</i>		11	6,365				950	11	10,450
Lifeskills - Small Group	290	1	290	300	1	300			
Lifeskills - Classroom	865	1	865	900	1	900			
Lifeskills Toilet Room				60	1	60			
Alt. Learning Program Small Group	175	1	175	0	0	0			
Alt. Learning Program Classroom - Type 1	415	1	415	0	0	0			
Alt. Learning Program Classroom - Type 2	605	1	605						
Alt. Learning Program Classroom - Type 3	730	1	730						
Alt. Learning Program Classroom - Type 4	1,045	1	1,045						
Sub-Separate Program Small Group	490	2	980	150	1	150			
Sub-Separate Program Common Area	565	1	565	200	1	200			
Sub-Separate Program Classroom	695	1	695	410	2	820			
Self-Contained SPED Toilet (Lifeskills)	75	2	150	0	1	0	60	11	660
<i>Resource Room / Learning Lab (Subtotal)</i>		11	8,570				500	5	2,500
Type 1	615	3	1,845	410	4	1,640			
Type 2	765	5	3,825						
Type 3	900	2	1,800						
Type 4 (Science Lab)	1,100	1	1,100						
Academic Support				1,200	1	1,200			
<i>Small Group Room (Subtotal)</i>		4	1,035				500	5	2,500
Seminar	300	1	300	included in general use small group					
ELL Classroom (10-12 seats)	160	1	160	410	2	820			
Speech & Language Classroom - Type 1	170	1	170	included in general use small group					
Speech & Language Classroom - Type 2	405	1	405						
General Use Small Group (3-5 seats)				150	2	300			
General Use Small Group (6-8 seats)				375	6	2,250			
SPED Storage Rooms									
Alt. Learning Program Storage Room	175	1	175	175	1	175			
Sub-Separate Program Storage Room	170	1	170	170	1	170			
Resource Storage/Prep Room	130	1	130						
SPED Offices									
Alt. Learning Program Offices	125	2	250	0	2	0			
Sub-Separate Program Office	90	1	90						
Psychologists Main Office/Waiting	360	1	360	150	1	150			
Psychologists Office - Type 1	85	1	85						
Psychologists Office - Type 2	160	1	160	150	2	300			
File Room	50	1	50	50	1	50			
Testing	65	1	65	150	1	150			
Special Ed Office (Administration)	295	1	295	150	1	150			
Reception/Secretary				175	1	175			
Social Worker/Adjustment Conselor				150	2	300			
Conference Room				125	1	125			
Special Ed Office (Teacher Planning)	1,030	1	1,030	50	17	850			
File/Work Room				200	1	200			
Special Ed Conference Room	165	2	330	225	2	450			
MCAS Support				830	1	830			



Franklin High School
DESE Space Summary Program
November 9, 2011



New Franklin High School	EXISTING Franklin 1,650 pupils			PROPOSED Franklin 1,650 pupils			MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)		
ROOM TYPE	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals
Alternative High School	5,835	1	5,835	830	3	2,490			
Alternative High School Common Area				500	1	500			
Alternative High School Conference				200	1	200			
Alternative High School Adjustment Counselor				120	1	120			
Alternative High School Team Chair				120	1	120			
ART & MUSIC			12,780			11,890			8,350
Art Classroom - 25 seats (Subtotal)		5	5,975				1,200	3	3,600
Type 1	460	1	460						
Type 2	975	1	975						
Type 3	1,170	2	2,340	1,200	2	2,400			
Type 4	2,200	1	2,200	1,200	1	1,200			
Art Workroom w/ Storage or Kiln (Subtotal)		3	605				150	3	450
Type 1 (Kiln Room)	125	1	125	100	2	200			
Type 2 (Storage Room)	240	2	480	100	2	200			
Ceramics Classroom				1,200	1	1,200			
Music Classroom (Audio Production)	585	1	585	included in TV Studio					
Band - 50-100 seats	2,350	1	2,350	2,350	1	2,350	1,500	1	1,500
Chorus - 50-100 seats	1,125	1	1,125	1,400	1	1,400	1,500	1	1,500
Ensemble	125	1	125	830	1	830	200	1	200
Music Practice	95	3	285	75	6	450	75	8	600
Drama/Theater Room				1,000	1	1,000			
Music Storage (Subtotal)		6	1,210				500	1	500
Type 1	105	3	315						
Type 2 (Uniform)	145	2	290						
Type 3 (Instrument)	605	1	605						
Band Storage				300	1	300			
Choral Storage				100	1	100			
Art & Music Offices									
Art Office	235	1	235	130	1	130			
Music Office	285	1	285	130	1	130			
VOCATIONS & TECHNOLOGY			12,085			14,388			16,000
Technology Classroom (Subtotal)		10	10,020				1,200	5	6,000
Business Classroom/Lab - Type 1	1,090	1	1,090	1,200	1	1,200			
Business Classroom/Lab - Type 2	1,310	1	1,310	1,400	1	1,400			
Language Lab	1,130	1	1,130	1,200	1	1,200			
Arts Computer Lab	1,310	1	1,310	1,400	1	1,400			
CAD/Arch. Drafting	1,535	1	1,535	1,200	1	1,200			
Video Production / Film Computer Lab	1,515	1	1,515	1,062	1	1,062			
Audio Production Classroom				1,200	1	1,200			
Video Production / Studio	115	1	115	932	1	932			
Video Production / Film Office	465	1	465						
General Computer Lab	775	2	1,550	1,000	2	2,000			
Vocational Shop (Subtotal)		1	1,235				2,000	5	10,000
Nutrition & Child Development	1,235	1	1,235	1,200	1	1,200			
Vocations & Technology Storage Rooms									
Business Storage Room	110	2	220	100	2	200			
Tech Ed. Storage	90	2	180	100	2	200			
Video Production / Film Storage Room	215	1	215						
Family & Consumer Science Storage Room	230	1	115	100	1	100			
Vocations & Technology Offices									
Tech. Ed. Office	100	1	100	100	1	100			
TV Control Room				260	1	260			
TV Editing				180	2	360			
TV Equipment				115	1	115			
Video Editing				136	1	136			
TV Studio Head End Equipment				81	1	81			
Toilet				42	1	42			
TV Office				0	1	0			
HEALTH & PHYSICAL EDUCATION			49,480			36,815			25,440
Gymnasium	5,975	1	5,975	17,649	1	17,649	12,000	1	12,000
Walking Track				6,201	1	6,201			
Field House	27,895	1	27,895				3,000	1	3,000
PE Alternatives (Subtotal)		2	3,710						
Cardio Room	675	1	675						
Weight/Fitness Room	3,035	1	3,035	1,911	1	1,911			
Wrestling Room / Athletics	1,520	1	1,520						
Gym Storeroom				243	2	486	300	1	300
Locker Rooms - Boys/Girls w/ Toilets (Subtotal)		2	8,090	1,440	6	8,640	9,240	1	9,240
Girls Locker Room	3,630	1	3,630						
Boys Locker Room	4,460	1	4,460						
Phys. Ed. Storage (Subtotal)		4	545	440	1	440	500	1	500
Type 1	75	1	75						
Type 2	100	1	100						
Type 3	115	1	115						
Type 4	255	1	255						
Athletic Director's Office	495	1	495	150	1	150	150	1	150
Health Instructor's Office w/ Toilet (Subtotal)		2	620	250	1	250	250	1	250
Type 1	190	1	190						
Type 2	430	1	430						
PE/Health Office	215	1	215	150	2	300			
PE Toilet/Shower				69	2	138			
Athletic Office	280	1	280						
Trainer	500	1	500	250	1	250			
Ticket Booth	25	1	25						
Athletic Storage (Subtotal)		4	1,040						
Type 1	70	2	140						
Type 2	335	1	335						
Type 3	565	1	565						
Athletic Coach's Office w/ Toilet				200	2	400			
MEDIA CENTER			9,495			10,213			10,213
Media Center/Reading Room	8,900	1	8,900	10,213	1	10,213	10,213	1	10,213
Computer Lab	430	1	430						
Teacher Planning	165	1	165						
Café				incorporated into Media Center					
Club Activity Area				incorporated into Senior Seminar					
Presentation Room				see Core Academic Spaces					
AUDITORIUM / DRAMA			7,730			12,300			10,400
Auditorium (850 seats)	5,575	1	5,575	9,400	1	9,400	7,500	1	7,500
Stage (Platform)	670	1	670	2,200	1	2,200	1,600	1	1,600
Auditorium Storage				500	1	500	500	1	500
Make-up/Dressing Rooms							300	2	600
Controls / Lighting / Projection				200	1	200	200	1	200
Drama/Theater Classroom	1,180	1	1,180						
Storage Room	120	1	120						
Office - Type 1	65	1	65						
Office - Type 2	120	1	120						
DINING & FOOD SERVICE			16,815			13,026			13,026
Cafeteria / Student Lounge (including Art Café)	9,405	1	9,405	8,250	1	8,250	8,250	1	8,250
Chair / Table Storage	65	1	65	563	1	563	563	1	563
Scramble Serving Area	1,840	1	1,840	600	1	600	600	1	600



Franklin High School
DESE Space Summary Program
November 9, 2011



New Franklin High School	EXISTING Franklin 1,650 pupils			PROPOSED Franklin 1,650 pupils			MSBA Guidelines (refer to MSBA Educational Program & Space Standard Guidelines)		
	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals	ROOM NFA ¹	# OF RMS	area totals
Kitchen (including Dishwash)	4,900	1	4,900	2,950	1	2,950	2,950	1	2,950
Staff Lunch Room	605	1	605	663	1	663	663	1	663
MEDICAL			2,250			1,410			1,410
Medical Suite Toilet	25	2	50	60	1	60	60	1	60
Nurses' Office/Waiting Room (Subtotal)		3	925	250	1	250	250	1	250
Waiting Room	175	1	175						
Office	120	1	120						
Cot Area	630	1	630						
Interview Room				100	4	400	100	4	400
Examination Room	95	2	190	100	7	700	100	7	700
Storage Room	160	1	160						
ADMINISTRATION & GUIDANCE			5,100			6,559			6,014
General Office / Waiting Room / Toilet	505	1	505	825	1	825	825	1	825
Teachers' Mail and Time Room				100	1	100	100	1	100
Duplicating Room (Teacher Planning Areas)				200	1	200	200	1	200
Records Room	65	2	130	200	1	200	200	1	200
Principal's Office	250	1	250	375	1	375	375	1	375
Conference Room				320	1	320			
Principal's Secretary / Waiting				125	1	125	125	1	125
Assistant Principal's Office - AP1 (Academic)	165	1	165	150	1	150	150	1	150
Assistant Principal's Office - AP2 (Student Services)	160	2	320	150	2	300	150	2	300
Supervisory / Spare Office	70	3	210	120	1	120	120	1	120
Conference Room	160	1	160	450	1	450	450	1	450
Guidance Office (Subtotal)		6	840				150	9	1,350
Type 1	110	5	550	150	7	1,050			
Type 2 (Director)	290	1	290	200	1	200			
Guidance Waiting Room (Reception)	250	1	250	100	1	100	100	1	100
Guidance Storeroom	125	1	125	100	1	100	100	1	100
Career Center	280	1	280	563	1	563	563	1	563
Records / Storage Room	135	1	135	231	1	231	231	1	231
Teachers' Work Room							825	1	825
Administration									
Reception Booth	50	1	50						
Assist. Principal Administrative Office	360	2	720	150	2	300			
Main Office Storage Room	90	2	180	90	2	180			
Assistant Principal Storage Room	50	2	100	50	2	100			
Vault	120	1	120	120	1	120			
School Resource Officer	85	1	85	85	1	85			
Guidance									
Conference Room	320	1	320	200	1	200			
Toilets	45	2	90	50	2	100			
Workroom	65	1	65	65	1	65			
CUSTODIAL & MAINTENANCE			12,465			2,863			2,863
Custodian's Office	300	1	300	150	1	150	150	1	150
Custodian's Breakroom				0	1	0			
Custodian's Toilet/Shower				0	1	0			
Custodian's Workshop (Facilities)	455	1	455	250	1	250	250	1	250
Custodian's Storage	475	1	475	375	1	375	375	1	375
Custodian's Storage/Workshop				0	1	0			
Recycling Room / Trash				400	1	400	400	1	400
Receiving and General Supply	1,780	1	1,780	563	1	563	563	1	563
Storeroom				925	1	925	925	1	925
Network/Telecom Room - Type 1	135	1	135	200	1	200	200	1	200
Network/Telecom Room - Type 2	360	1	360						
Custodian's Locker Room/Toilet	140	1	140						
Outside Storage	800	1	800						
Facilities Storage	270	1	270						
Facilities Storage	6,355	1	6,355						
IT Workroom & Office	680	1	680	0	1	0			
IT General Storage Room	190	1	190						
IT Equipment Storage Room	525	1	525						
OTHER			835			3,030			0
Large Group Seminar				1,650	1	1,650			
School Store	285	1	285	300	1	300			
Concession & Ticket (at Gym Lobby)				200	1	200			
Storage Room @ Loading Dock				200	1	200			
IT Work Room & Office				680	1	680			
Yearbook Office	550	1	550	0	1	0			
Total Building Net Floor Area (NFA)			223,265			211,409			190,776
Proposed Student Capacity			1,650			1,650			1,650
Total Building Gross Floor Area (GFA)			312,571			306,543			267,300
Grossing factor (GFA/NFA)			1.40			1.45			1.40

¹ Individual Room Net Floor Area (NFA)

Includes the net square footage measured from the inside face of the perimeter walls and includes all specific spaces assigned to a particular program area including such spaces as non-communal toilets and storage rooms.

² Total Building Gross Floor Area (GFA)

Includes the entire building gross square footage measured from the outside face of exterior walls.

Architect Certification

I hereby certify that all of the information provided in this "Proposed Space Summary" is true, complete and accurate and, except as agreed to in writing by the Massachusetts School Building Authority, in accordance with the guidelines, rules, regulations and policies of the Massachusetts School Building Authority to the best of my knowledge and belief. A true statement, made under the penalties of perjury.

Name of Architect Firm: Ai3 Architects, LLC
Name of Principal Architect: JAMES S. JORDAN, AIA
Signature of Principal Architect: [Signature]
Date: 11-9-11