Preliminary Space Summary - Norton High School

Option 2.2	Existing Conditions			PROPOSED: Existing to Remain/Renovated			PROPOSED: New			PROPOSED: Total			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	ROOM NFA[1]	# OF RMS	area totals	ROOM NFA[1]	# OF RMS	area totals	Comments
CORE ACADEMIC SPACES			**30,918**			**27,129**			**8,071**			**35,200**			**33,840**	
(List classrooms of diifferent sizes separately)																
Classroom - General	660	1	660	915	1	915				915	1	915	850	24	20,400	825 SF min - 950 SF max
Classroom - General	731	1	731	1,347	1	1,347				1,347	1	1,347				
Classroom - General	775	3	2,325	990	3	2,970				990	3	2,970				
Classroom - General	785	3	2,355	950	4	3,800				950	4	3,800				
Classroom - General	800	12	9,600	800	11	8,800				800	11	8,800				
Classroom - General	839	1	839	865	3	2,595				865	3	2,595				
Classroom - General	863	2	1,726													
Classroom - General	888	1	888													
Classroom - General	907	1	907													
Classroom - General	1,491	1	1,491													
Teacher Planning	87	1	87	2,300	1	2,300				2,300	1	2,300	100	24	2,400	
Teacher Planning	118	2	236													
Teacher Planning	113	2	226													
Teacher Planning	192	1	192													
Teacher Planning	338	1	338													
Teacher Planning	180	1	180													
Teacher Planning	136	2	272													
Teacher Planning	98	1	98													
Small Group Seminar (20-30 seats)			-										500	2	1,000	
Science Classroom / Lab	1,077	1	1,077				1,440	5	7,200	1,440	5	7,200	1,440	6	8,640	3 x85% ut=20 Seats-1 per /day/student
Prep Room	191	1	191				871	1	871	871	1	871	200	6	1,200	
Science Classroom / Lab	1,211	1	1,211	2,347	1	2,347				2,347	1	2,347				
Prep Room	207	1	207	500	1	500				500	1	500				
Science Classroom / Lab	1,131	2	2,262													
Prep Room	262	1	262													
Science Classroom / Lab	946	1	946													
Prep Room	207	1	207													
Science Classroom / Lab	1,066	1	1,066													
Prep Room	195	1	195													
Prep Room	143	1	143													
Central Chemical Storage Rm	0	0	-										200	1	200	
Science Office				280	1	280				280	1	280				
Teacher Collaboration - Office				325	1	325				325	1	325				
Teacher Collaboration - Office				150	2	300				150	2	300				
Teacher Collaboration - Conference				325	1	325				325	1	325				
Teacher Collaboration - Copy				325	1	325				325	1	325				
SPECIAL EDUCATION			**4,195**			**6,798**			**0**			**6,798**			**8,050**	
(List classrooms of diifferent sizes separately)																
Self-Contained SPED	899	1	899	1,200	1	1,200				1,200	1	1,200	950	5	4,750	assumed 8% of pop. in self-contained SPED
Self-Contained SPED Toilet	24	1	24										60	5	300	
Self-Contained SPED	754	1	754	955	1	955				955	1	955				
Self-Contained SPED Toilet	24	1	24													
Self-Contained SPED				1,125	2	2,250				1,125	2	2,250				
Resource Room	738	1	738	680	1	680				680	1	680	500	3	1,500	1/2 size Genl. Clrm.
Resource Room	833	1	833	350	2	350				350	2	350				
Resource Room	791	1	791	683	1	683				683	1	683				
Small Group Room	132	1	132	680	1	680				680	1	680	500	3	1,500	1/2 size Genl. Clrm.
ART & MUSIC			**4,586**			**7,140**			**0**			**7,140**			**6,400**	
Art Classroom - 25 seats	1,350	2	2,700	1,915	2	3,830				1,915	2	3,830	1,200	2	2,400	Assumed use - 25% Population - 5 times/week
Art Workroom w/ Storage & kiln	0	0	-	250	1	250				250	1	250	150	2	300	
Art Storage	126	1	126	250	1	250				250	1	250				
Band - 50 - 100 seats	1,189	1	1,189	1,500	1	1,500				1,500	1	1,500	1,500	1	1,500	Assumed use - 25% Population - 5 times/week
Chorus - 50 - 100 seats	0	0	-										1,500	1	1,500	
Ensemble	0	0	-	200	1	200				200	1	200	200	1	200	
Music Practice	88	1	88	120	3	360				120	3	360	75	0	-	
Music Practice	100	1	100													
Music Practice	119	1	119												-	
Music Storage	105	1	105	500	1	500				500	1	500	500	1	500	
Music Storage	159	1	159												-	
Art Finishing				250	1	250				250	1	250			-	
VOCATIONS & TECHNOLOGY			**6,938**			**7,543**			**0**			**7,543**			**6,400**	
Tech Clrm. - Cable TV Studio	879	1	879	879	1	879				879	1	879	1,200	2	2,400	Assumed use - 50% Population - 5 times/week
Tech Clrm. - Business Computer Lab	1,623	1	1,623													
Tech Clrm. - Business Computer Lab	988	1	988													
Tech Clrm. - Mac Computer Lab	504	1	504													
Tech Shop - Wood	2,447	1	2,447	2,540	1	2,540				2,540	1	2,540	2,000	2	4,000	Assumed use - 50% Population - 5 times/week
Tech Shop - storage	272	1	272	161	1	161				161	1	161				
Tech Shop - finishing room	108	1	108	150	1	150				150	1	150				
Tech Shop - dark room	117	1	117													
Tech Clrm. - CAD/Testing				915	1	915				915	1	915				
Tech Clrm. - Flex Lab				1,124	2	2,248				1,124	2	2,248				
Tech Clrm. - Storage				325	2	650				325	2	650				
HEALTH & PHYSICAL EDUCATION			**19,294**			**22,516**			**185**			**22,701**			**20,120**	
Gymnasium	11,884	1	11,884	11,884	1	11,884				11,884	1	11,884	12,000	1	12,000	
PE Alternatives	841	1	841	3,400	1	3,400				3,400	1	3,400	3,000	1	3,000	
Gym Storeroom	123	1	123	238	1	238				238	1	238	300	1	300	
Locker Rooms - Boys w/ Toilets	1,669	1	1,669	950	1	950				950	1	950	3,920	1	3,920	5.6 sf/student total
Locker Rooms - Girls w/ Toilets	2,831	1	2,831	950	1	950				950	1	950				
Team Room	473	1	473	1,100	2	2,200				1,100	2	2,200				
Phys. Ed. Storage	123	1	123	680	1	680				680	1	680	500	1	500	
Uniform Storage	432	1	432	150	1	150				150	1	150				
Athletic Director's Office	0	0	-										150	1	150	
Health Instructor's Office w/ Shower & Toilet	680	1	680	250	2	500				250	2	500				
Ticket Booth							185	1	185	185	1	185				
Weight & Fitness Storage				238	1	238				238	1	238	250	1	250	
Weight & Fitness Office				238	1	238				238	1	238				
Outdoor Storage				588	1	588				588	1	588				
Trainer	238	1	238	500	1	500				500	1	500				
MEDIA CENTER			**5,925**			**5,124**			**0**			**5,124**			**4,275**	
Media Center / Reading Room	4,192	1	4,192	5,124	1	5,124				5,124	1	5,124	4,275	1	4,275	
Writing Center	500	1	500													
Computer Lab	1,233	1	1,233													
AUDITORIUM / DRAMA			**6,711**			**8,118**			**0**			**8,118**			**7,492**	
Auditorium	4,879	1	4,879	4,879	1	4,879				4,879	1	4,879	4,667	1	4,667	2/3 Enrollment @ 10 SF/Seat - 750 seats MAX
Stage	1,569	1	1,569	2,511	1	2,511				2,511	1	2,511	1,600	1	1,600	
Auditorium Storage	168	1	168										425	1	425	
Make-up / Dressing Rooms	0	0	-										300	2	600	
Controls / Lighting / Projection	95	1	95	95	1	95				95	1	95	200	1	200	
Stage Storage				633	1	633				633	1	633				
DINING & FOOD SERVICE			**9,112**			**775**			**8,522**			**9,297**			**6,825**	
Cafeteria / Student Lounge / Break-out	5,126	1	5,126				4,838	1	4,838	4,838	1	4,838	3,500	1	3,500	3 seatings - 15SF per seat
Chair / Table Storage	168	1	168				522	1	522	522	1	522	325	1	325	
Scramble Serving Area	0	0	-				600	1	600	600	1	600	600	1	600	
Kitchen / Serving Area	2,199	1	2,199				2,335	1	2,335	2,335	1	2,335	2,000	1	2,000	1600 SF for first 300 + 1 SF/student Add'l
Dishwashing	173	1	173													
Kitchen toilet	113	1	113													
Kitchen office	73	1	73													
Kitchen receiving	112	1	112													
Food storage	526	1	526													
Staff Lunch Room	622	1	622	775	1	775				775	1	775	400	1	400	20 SF/Occupant
School Store							227	1	227	227	1	227				
MEDICAL			**596**			**830**			**0**			**830**			**710**	
Medical Suite Toilet	13	1	13	60	2	120				60	2	120	60	1	60	
Medical Suite Toilet	18	1	18													
Nurses' Office / Waiting Room	128	1	128	310	1	310				310	1	310	250	1	250	
Interview Room	0	0	-	100	1	100				100	1	100	100	1	100	
Examination Room / Resting	437	1	437	100	3	300				100	3	300	100	3	300	
ADMINISTRATION & GUIDANCE			**2,818**			**3,745**			**0**			**3,745**			**2,970**	
General Office / Waiting Room / Toilet	705	1	705	350	1	350				350	1	350	350	1	350	
Teachers' Mail and Time Room	0	0	-	100	1	100				100	1	100	100	1	100	
Duplicating Room	0	0	-	200	1	200				200	1	200	200	1	200	
Records Room	105	1	105	200	1	200				200	1	200	200	1	200	
Records Room	199	1	199													
Principal's Office w/ Conference Area	195	1	195	375	1	375				375	1	375	375	1	375	
Principal's Secretary / Waiting	0	0	-	125	1	125				125	1	125	125	1	125	
Assistant Principal's Office - AP1	139	1	139	150	1	150				150	1	150	150	1	150	
Assistant Principal's Office - AP2	0	0	-										150	0	-	
Supervisory / Spare Office	139	1	139	120	1	120				120	1	120	120	1	120	
Conference Room	269	1	269	450	1	450				450	1	450	450	1	450	
Guidance Office	125	3	375	150	4	600				150	4	600	150	0	-	
Guidance Waiting Room	0	0	-	100	1	100				100	1	100	100	1	100	
Guidance Storeroom	0	0	-	100	1	100				100	1	100	100	1	100	
Career Center	578	1	578	325	1	325				325	1	325	300	1	300	
Records Room	114	1	114	200	1	200				200	1	200	100	1	100	
Teachers' Work Room	0	0	-	350	1	350				350	1	350	300	1	300	
CUSTODIAL & MAINTENANCE			**1,394**			**2,041**			**0**			**2,041**			**2,150**	
Custodian's Office	0	0	-	200	1	200				200	1	200	150	1	150	
Custodian's Workshop	0	0	-	248	1	248				248	1	248	250	1	250	
Custodian's Storage	421	1	421	421	1	421				421	1	421	375	1	375	
Recycling Room / Trash	288	1	288										400	1	400	
Receiving and General Supply	541	1	541	360	1	360				360	1	360	325	1	325	
Storeroom	46	1	46	238	2	476				238	2	476	450	1	450	
Network / Telecom Room	98	1	98	168	2	336				168	2	336	200	1	200	
OTHER			**0**			**2,300**			**0**			**2,300**			**0**	
Boiler Room				2,300	1	2,300				2,300	1	2,300				
Total Building Net Floor Area (NFA)			**92,487**			**94,059**			**16,778**			**110,837**			**100,169**	
Proposed Student Capacity / Enrollment															**700**	214
Total Building Gross Floor Area (GFA)[2]									25,167			162,755			**149,800**	
Grossing factor (GFA/NFA)			**0.00**						1.5			**1.47**			**1.50**	

[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: JCJ Architecture

Name of Principal Architect: James E. LaPosta Jr AIA

Signature of Principal Architect:

Date: 18-Feb-11