

Massachusetts School Building Authority

Deborah B. Goldberg
Chairman, State Treasurer

Maureen G. Valente
Chief Executive Officer

John K. McCarthy
Executive Director / Deputy CEO

November 30, 2016

Mr. Adam Chapdelaine, Town Manager
Town of Arlington
730 Massachusetts Avenue Annex
Arlington, MA 02476

Re: Town of Arlington, Arlington High School

Dear Mr. Chapdelaine:

I would like to thank you and your team for meeting with Massachusetts School Building Authority (the "MSBA") staff on October 27, 2016 and for subsequent emails and phone conversations during which enrollment projections and methodologies were reviewed for the Arlington High School project (the "Proposed Project") in the Town of Arlington (the "District"). As discussed, the next critical step is for the MSBA and the District to agree on the design enrollment for the Arlington High School.

Arlington High School presently serves the District's entire grade 9-12 enrollment, and accordingly, this analysis will be particularly focused on the enrollment projections for those grades. The table below illustrates the District's grade K-12 enrollment during the most recent 10 year period as reported by the Department of Elementary and Secondary Education (the "DESE"), including enrollment for the current school year (2016-2017) as reported by the District. The total grade 9-12 enrollment in Arlington as reported by the District for the 2016-2017 school year is 1,297 students, which was the maximum grade 9-12 enrollment reported in the preceding 10 years. Additionally, the current year's grade 9-12 enrollment reflects an increase of approximately 95 students (7.9%) from the average grade 9-12 enrollment reported during the preceding 10 year period.

YEAR	K-5	6-8	9-12	TOTAL
2007	2,360	984	1,126	4,470
2008	2,407	1,048	1,132	4,587
2009	2,432	1,060	1,162	4,654
2010	2,504	1,051	1,196	4,751
2011	2,566	1,026	1,218	4,810
2012	2,588	1,028	1,233	4,849
2013	2,726	1,054	1,185	4,965
2014	2,827	1,107	1,217	5,151
2015	2,868	1,127	1,253	5,248
2016	2,899	1,212	1,297	5,408



The MSBA understands that the District is proposing a design enrollment to accommodate approximately 1,900 students in grades 9-12 at Arlington High School. The enrollment in grades 9-12 reported to the DESE for the 2016-2017 school year at Arlington High School was 1,297 students.

With respect to future enrollments, the MSBA's base enrollment forecast indicates Arlington's grade 9-12 enrollment will continue to experience an increasing trend through 2026-2027. The average grade 9-12 base enrollment forecast for the projected period through the 2026-2027 school year is 1,525 students.

As a result of a sensitivity analysis performed by the MSBA on this base enrollment projection and further discussion with the District, the following adjustments have been made to the base enrollment projection:

- Student Migration
 - The MSBA's default methodology projects enrollment utilizing the most recent five year average grade-to-grade cohort survival ratios.
 - In order to account for the recently observed change in pattern of students returning to the District that previously chose to attend school out of district at other public, private or parochial schools, the MSBA's base model has been adjusted to utilize the most recent three year average grade-to-grade survival ratios.
 - This adjustment added approximately 65 students to the average grade 9-12 enrollment as compared to the projection without this adjustment.

- Out-of-District Enrollment
 - In order to adjust for fluctuations to the out-of-district enrollment patterns of the District's residents over time, the MSBA has made an additional adjustment to the base enrollment projection.
 - In order to make this adjustment, the MSBA adjusted the grade to grade survival ratios for K-5 by a total of 3.3% throughout a four year period in the projection.
 - This adjustment added approximately 20 students to the average grade 9-12 enrollment as compared to the projection without this adjustment.

- Development
 - Based on the discussions between the District and the MSBA, and the anticipated development information provided by the District, the MSBA's enrollment model has been adjusted to use the five-year 75th percentile cohort survival rate for 2018 and 2019 rather than the five-year average cohort survival rate which is utilized throughout the base enrollment forecast.
 - This adjustment added approximately 25 students to the average total grade 9-12 enrollment as compared to the projection without this adjustment.

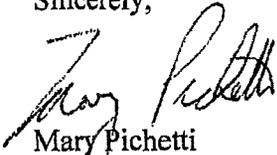
As a result of the analysis on the base enrollment projection, the adjustments to the base projection described above, and based on the historical enrollment trends of the District, the MSBA recommends a design enrollment of 1,635 students for Arlington High School.

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Arlington Enrollment Letter

The MSBA believes that this design enrollment recommendation will position the District to efficiently meet space capacity needs throughout future enrollment variations. Please sign and return the attached certification within 14 calendar days to confirm agreement on this design enrollment. If the District feels that this design enrollment does not meet the needs of the District, please respond to this letter via e-mail to Mercy Muya and propose three meeting/conference call times for which the District can be available to discuss enrollment.

If you have any questions regarding this matter, please do not hesitate to contact me or Mercy Muya (Mercy.Muya@massschoolbuildings.org) at 617-720-4466.

Sincerely,



Mary Pichetti
Director of Capital Planning

Cc: Legislative Delegation
Diane M. Mahon, Chair, Arlington Board of Selectmen
Ruthy Bennett, Facilities Director, Town of Arlington
Jennifer Susse, Chair, Arlington School Committee
Dr. Kathleen Bodie, Superintendent, Arlington Public Schools
Diane Johnson, Chief Financial Officer, Arlington Public Schools
File: 10.2 Letters (Region 4)

**MASSACHUSETTS SCHOOL BUILDING AUTHORITY
TOWN OF ARLINGTON
ARLINGTON HIGH SCHOOL
DESIGN ENROLLMENT CERTIFICATION**

As a result of a collaborative analysis with the Massachusetts School Building Authority (the "MSBA") of enrollment projections and space capacity needs for the proposed project at the Arlington High School, the Town of Arlington hereby acknowledges and agrees that the design of the proposed project at the Arlington High School shall be based on an enrollment of no more than 1,635 students in grades 9-12. The Town of Arlington further acknowledges and agrees that, pursuant to 963 CMR 2.00 *et seq.*, the MSBA shall determine the square feet per student space allowance and total square footage for a high school serving 1,635 students in grades 9-12. The Town of Arlington acknowledges and agrees that it has no right or entitlement to any particular design enrollment, square feet per student space allowance, or total square footage and that it has no right or entitlement to a design enrollment any greater than 1,635 students for the Arlington High School, and further acknowledges and agrees that it shall not bring any claim or action, legal or equitable, against the MSBA, or any of its officers or employees, for the purpose of obtaining an increase in the design enrollment of the Arlington High School that it has acknowledged and agreed to herein. The Town of Arlington further acknowledges and agrees that, among other things, the design enrollment, square feet per student space allowance, and total square footage of the Arlington High School shall be subject to the approval of the MSBA's Board and that the final approval of a proposed project at the Arlington High School shall be within the sole discretion of the MSBA's Board.

The undersigned, for themselves and the Town of Arlington, hereby certify that they have read and understand the contents of this Design Enrollment Certification and that each of the above statements is true, complete and accurate. The undersigned also hereby certify that they have been duly authorized by the appropriate governmental body to execute this Certification on behalf of the Town of Arlington and to bind the Town of Arlington to its terms.

Chief Executive Officer

Duly Authorized Representative of School Committee

Date

Date

Superintendent of Schools

Date