



# LEV BAIS YAAKOV HIGH SCHOOL

3568 NOSTRAND AVENUE  
BROOKLYN, NEW YORK

PREPARED FOR:  
LEV BAIS YAAKOV HIGH SCHOOL  
CONGREGATION LEV BAIS YAAKOV, INC  
3568 - 3574 NOSTRAND AVENUE  
BROOKLYN, NY 11229

**FRIEDMAN P.E.**

[www.friedmanpe.com](http://www.friedmanpe.com)

## PROGRAM STUDY

### PURPOSE OF THE STUDY

The purpose of compiling information for a programmatic study for a school is rooted in creating a place that is not only functional but is conducive to the learning process. The study describes the programmatic, functional, spatial, and environmental requirements of the school, and how those considerations will be applied to enhance the building environment to supplement and support the educational program. It strives not only to achieve these prerequisites but also to meet the requirements of state and local codes for occupancy, fire and safety.

Putting these items to pen allows faculty, staff and administrators to prioritize internal requirements and address the needs of the students so that core requirements can be met. Once this is established and support spaces are in place, they can proceed with adjusting the schedules and curriculum already in place.

Schools not only need to make sure that internal requirements are met, but also need to address external requirements. Do they have spaces to meet with parents? How will non-students and members of the community have restricted access while maintaining building security?

## THE STUDY

This programmatic study will establish conditions, which under ideal circumstances, would achieve a model educational program for this school. The final architectural plan will try to meet as many of these conditions as possible, prioritizing the items in order of importance through discussions with administrators regarding the school's needs and requirements.

This analysis will use various sources in order to make informed decisions. Sources will include, but will not be limited to, the allowed number of pre-school children per room as identified by the New York City Department of Health, and the 2014 New York City Building Code in evaluating the square footage allotted for each use. While the building codes provide minimum requirements for the construction of a building, other considerations may be applied to enhance the building environment to supplement and support the educational program.

Through the use of plans, diagrams, tables and narratives, this report proposes to examine the school's needs and break them down to their most basic level. This report will provide descriptions of the spaces needed and illustrate how these needs will be met. Only through understanding those needs, can a plan be designed and implemented to address those needs.

## INTRODUCTION AND BACKGROUND

### CONGREGATION LEV BAIS YAAKOV, INC.

Congregation Lev Bais Yaakov, Inc. (a.k.a. Lev Bais Yaakov) is an Orthodox Jewish religious school for girls adhering to Orthodox Jewish traditions and customs. The Congregation Lev Bais Yaakov, Inc. School includes pre-school, elementary, middle and high school divisions (grades K-12). The school has an integrated curriculum that serves its students' educational and extra-curricular needs. The school's primary mission is to impart an education rooted in the girls' Jewish heritage and to provide them with the tools they will need to be successful in the modern world. The goals of a religious school are twofold: preserving the cultural and religious aspects of educating its students, while providing them with the fundamental skills and education needed to succeed in the secular world.

The Lev Bais Yaakov School currently occupies a six-story plus cellar school building, located at 3574 Nostrand Avenue. When Lev Bais Yaakov acquired the property in 2004, the school's intention was that the school building would suffice as the school grew from 300 to a total of 500 students.

As will be explained in greater detail in the "History of the Lev Bais Yaakov School" section of this report, Lev Bais Yaakov moved into its current building when it was completed in time for the 2010-2011 school year. The previous year, forty-five girls had graduated from the school's first eighth grade graduating class. Local Orthodox Jewish girls' high schools were only able to accept between ten and fifteen students for the following school year, with the remaining girls not having a local Orthodox Jewish girls' high school to attend. Lev Bais Yaakov addressed this problem by opening a ninth grade, and over the next four years the high school grew as the girls aged up into tenth, eleventh and twelfth grades. Eventually, the entire sixth floor of the school building was allocated for the high school grades, with one class of 25-30 girls for each grade, 9-12. Unfortunately, this does not completely solve the problem, since class sizes in the elementary and middle school are growing larger and more girls are expected to graduate from the eighth grade each year. Simply put, there isn't enough space to accommodate all of the graduating eighth graders who want to continue on and attend the Lev Bais Yaakov High School.

## LEV BAIS YAAKOV HIGH SCHOOL

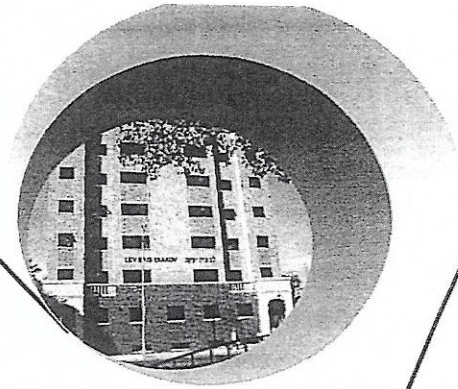
Lev Bais Yaakov High School has been growing in size each year as increasingly larger classes in the younger grades age up and graduate from eighth grade. As a result, the high school is expected to nearly double in size from the current enrollment of 133 students to 220 students within the next 5 years, which will necessitate parallel classes for all high school grades 9-12. Therefore, the school has determined that the Lev Bais Yaakov High School needs its own building to accommodate its program. To address this need, the school has purchased the adjoining property, 3568 Nostrand Avenue, in order to construct a separate building for the Lev Bais Yaakov High School.

The proposed new school building is being designed and constructed to accommodate the Lev Bais Yaakov High School, grades 9-12, providing vitally needed space for its educational program. The lower grades, K-8, will remain in the existing school building, allowing the pre-school, elementary and middle school grades to utilize the entire existing building, all of which is needed for K-8 educational programs.

The Lev Bais Yaakov School is in a unique position of being able to put its high school on an adjoining property. This will allow the school to maximize the potential of both buildings by easing congestion, sharing resources and increasing productivity. The advantage of having two adjoining buildings, instead of having two building in remote locations, is that a number of services and spaces do not need to be duplicated.

Lev Bais Yaakov's goal is to create a 'campus', thereby keeping the entire school in one central location. This will achieve two key objectives: Firstly, it will enable the school to provide a seamless education from pre-school through 12<sup>th</sup> grade. Secondly, having one centralized 'campus' also will allow students and staff to have access to all functions and services the school has available.

## MISSION STATEMENT OF LEV BAIS YAAKOV HIGH SCHOOL



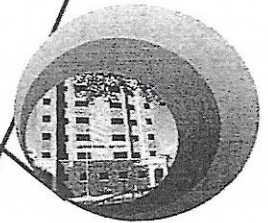
## Lev Bais Yaakov High School Mission Statement

At Lev Bais Yaakov High School we seek to impart to each student a *derech hachayim and emunas Chachamim*; a Torah sense of purpose and direction that will empower her to navigate life's diverse challenges productively and enable her to discern the *Emes* amidst the values of contemporary society. Thus, our educational goal is holistic; the development of each student's *ruchnius*, intellectual, social, and emotional self. Our Judaic and General Studies curricular and extra-curricular programs are designed to challenge and nurture our students' development in the areas of oral and written communication, differentiated thought and analysis, and creative expression, and engender a love of learning and *mitzvos* in an environment that both supports and champions individual growth and achievement.

**Rabbi Shmuel Deutsch**  
*Executive Director*

**Mrs. Rivka Oratz**  
*High School Menahel*

**Mrs. Batya Sochaczewski**  
*High School English Principal*



Lev Bais Yaakov's mission statement describes the school's ideology and its mandate to educate its students according to Orthodox Jewish values and traditions:

"At Lev Bais Yaakov High School we seek to impart to each student a *derech hachayim* and *emunas Chachamim* (proper and ethical path in life and belief in our forefathers and leaders of the Jewish faith in each generation); a *Torah* sense of purpose and direction that will empower her to navigate life's diverse challenges productively and enable her to discern the *Emes* (absolute truth) amidst the values of contemporary society. Thus, our educational goal is holistic; the development of each student's *ruchnius* (spirituality), intellectual, social, and emotional self. Our Judaic and General Studies curricular and extra-curricular programs are designed to challenge and nurture our students' development in the areas of oral and written communication, differentiated thought and analysis, and creative expression, and engender a love of learning and *mitzvos* (commandments and tenets of the Jewish faith) in an environment that both supports and champions Individual growth and achievement."

## HISTORY OF THE CONGREGATION LEV BAIS YAAKOV, INC. SCHOOL

The Congregation Lev Bais Yaakov, Inc.'s school (the school) began in 1997 with seventeen (17) kindergarteners located on the upper floor of a small synagogue located at 1937 Ocean Avenue in Brooklyn. The following year, the school received over one hundred (100) applications for the incoming kindergarten class, so in 1998 it added a new kindergarten class of twenty (20) students and a Pre-IA class of eighteen (18) students. In 2000 the school had once again outgrown its space and had to move. The school then relocated to a space which included four (4) classrooms and a small dining room at the Seaview Jewish Center located at 1440 East 99th Street in Brooklyn. Two years later, in 2002, the school had grown to approximately eighty students and encompassed kindergarten through third grade. Once again, the space the school was leasing became too small. The school was unable to locate one space large enough space to hold all of its students, so it leased two spaces; the preschool moved to the second floor of 1673 East 16th Street and the elementary school moved to 2710 Avenue X.

Due to its rapid growth, Lev Bais Yaakov searched for and acquired its current property located at 3574 Nostrand Avenue. In 2006 the New York City Board of Standards and Appeals granted a variance, pursuant to Z.R. §72-21, to permit a six-story plus cellar yeshiva and synagogue on the site. At that time, the school's intention was that the new building would suffice as the school grew to a total of 500 students. Lev Bals Yaakov moved into the building when it was completed in time for the 2010-2011 school year.



## LEV BAIS YAAKOV HIGH SCHOOL

At that time, forty-five girls were graduating from Lev Bais Yaakov's first eighth grade graduating class. Local Orthodox Jewish girls' high schools did not have space for all of the girls and were only able to accept between ten and fifteen students out of a total of forty-five. With its new building ready for occupancy, Lev Bais Yaakov opened Lev Bais Yaakov High School with a ninth grade of thirty-one students. As the girls aged up, the school added one high school grade each year over the next three years. Eventually the entire sixth floor of the school building was allocated for the high school, with one class of between twenty-five and thirty (25-30) girls for each grade 9-12.

Lev Bais Yaakov High School has been growing each year as increasingly larger classes in the younger grades age up and graduate from eighth grade. As a result, the high school is expected to double in size from the current enrollment of one hundred and thirty-three to two hundred and twenty (133 - 220) students within the next five (5) years. The current school building cannot accommodate all of the students as they move up from middle school to high school.

Due to its growth, the school has determined that the Lev Bais Yaakov High School needs its own building to meet its programmatic requirements and to provide space for parallel classes for all high school grades 9-12.

When the adjoining property, a 40' x 105' lot located at 3568 Nostrand Avenue, became available, the school was successful in obtaining the site. The school's plan is for the new building to house Lev Bais Yaakov High School, providing two classes each for grades 9-12, with some resources shared with the existing school building.

Providing the Lev Bais Yaakov High School with its own building will allow the elementary and middle school in the existing building to utilize spaces it had to do without, such as resource and tutoring rooms, as well as much needed specialty and tracking classrooms. Congregation Lev Bais Yaakov's executive offices and administrative and clerical services will remain in the existing school building, and the existing building's large auditorium will be utilized by the high school division for large assemblies, presentations, dramatic/musical performances and other activities that require a large assembly space.

# CONGREGATION LEV BAIS YAAKOV, INC.

## THE SCHOOL

Congregation Lev Bais Yaakov, Inc. is a not for profit religious corporation and is recognized by the New York State Education Department as a non-public school and has been assigned New York State Department of Education BEDS code #332200229795. The New York State Education Department's (NYSED) State Office of Religious and Independent Schools (SORIS) uses the BEDS code to recognize the existence of religious and independent schools and to facilitate the delivery of programs, services and resources that the schools' students are entitled to receive from their school district of residence.

Documentation attached on the following pages:

- NYSED SORIS Letter-State Office of Religious and Independent Schools
- NYSED BEDS Letter-Nonpublic School Services Team
- NYSED Administrators Listing for Public and Non-Public Schools & School Districts
- NYSED - SEDREF listing- State Education Department Reference File
- NYSED SEDREF – Institution Data
- NCES – National Center for Education Statistics -Private School Data
- 501C IRS Certification – Congregation Lev Bais Yaakov
- IRS EIN Letter
- Certificate of Incorporation- Religious Corporation-Congregation Lev Bais Yaakov

## NYS ED SORIS LETTER



THE STATE EDUCATION DEPARTMENT/THE UNIVERSITY OF THE STATE OF NEW YORK/ALBANY, NY 12234

State Office of Religious and Independent Schools  
89 Washington Avenue, Room 475, Education Building Annex  
Tel: (518)473-8202  
Fax: (518)474-9200  
[SORIS@nysed.gov](mailto:SORIS@nysed.gov)

January 15, 2019

Rabbi Samuel Deutsch  
Congregation Lev Bais Yaakov  
3574 Nostrand Ave.  
Brooklyn, NY 11229

Dear Rabbi Deutsch:

This letter is in response to your request to the New York State Education Department, State Office of Religious and Independent Schools regarding Congregation Lev Bais Yaakov.

According to our records, Congregation Lev Bais Yaakov is a religious corporation and is recognized by the New York State Education Department as a nonpublic school. To be recognized by the Department, a religious or independent school may apply for a BEDS code. When a school applies and is approved for a BEDS code, the school is listed on the Department's data system called SEDREF, which is accessible to the public and is found at: <http://portal.nysed.gov/portal/page/portal/PortalApp> and click on the SEDREF Query link.

Congregation Lev Bais Yaakov obtained a BEDS code for 3574 Nostrand Ave., Brooklyn, NY 11229 and has been active in SEDREF since the 2000-2001 school year. The school most recently submitted a BEDS report, indicating student enrollment at the elementary and secondary grades.

Additionally, Congregation Lev Bais Yaakov is a registered nonpublic high school. Registration status authorizes a nonpublic secondary school to grant valid Regents diplomas to students who successfully complete the course and assessment requirements for graduation. A secondary school with registration status is also authorized to administer Regents examinations at the nonpublic school location.

If there are any other questions, do not hesitate to contact us at 518-473-8202.

Sincerely,

Handwritten signature of Sabrina Petruska-Wilmot in cursive.  
Sabrina Petruska-Wilmot  
Associate in Education

## NYSSED NON-PUBLIC-SCHOOL SERVICES TEAM LETTER



THE STATE EDUCATION DEPARTMENT / THE UNIVERSITY OF THE STATE OF NEW YORK / ALBANY, NY 12234

Nonpublic Schools Services Team  
Tel. 518: 474-3678  
Fax 518: 473-4802  
E-mail: janderson@mail.nysed.gov


January 30, 2007

Ms. Heidi Shea-Springer  
NYC Industrial Development Agency  
110 William Street  
New York, New York 10038

Dear Ms. Shea-Springer,

I am writing to confirm that Lev Bais Yaakov, located at 2710 Avenue X in Brooklyn, has been assigned a BEDS # of 332200229795 by the New York State Education Department. Attendance at the school fulfills the requirements of New York State's Compulsory Attendance Law. Based upon my knowledge of the school, it satisfies the requirements for "equivalency of instruction" which is the State's mechanism for insuring that nonpublic elementary schools are providing instruction equivalent to that provided by the public schools in the district in which they are located. We strongly encourage you to work with Lev Bais Yaakov as you would with any other school in good standing in New York State. If I can be of further assistance do not hesitate to call.

Sincerely,

  
James Anderson  
Associate

## NYS ED ADMINISTRATOR'S LISTING FOR PUBLIC AND NON-PUBLIC SCHOOLS

**The New York State Administrators Listing for Public and Non-Public  
Schools and School Districts****District of Location: NYC Geog Dist #22 - Brooklyn****School: Congregation Lev Bais Yaakov****Code: 332200229795**

---

**Record Type: Non-Public      Grade Organization: K-12 School****Chief School Officer: Executive Director - Rabbi Samuel Deutsch****Mailing Address: 3574 Nostrand Ave  
Brooklyn, NY 11229****Phone: (718) 332-6000**

---

**[Return to the Administrators Listing Main Index](#)**

*If you have any questions, comments or suggestions about this data, please E-Mail them to  
[DataSupport@nysed.gov](mailto:DataSupport@nysed.gov)*

This page last updated on Wednesday, 18-Apr-2018 at 9:39 am

SEDREF INSTITUTION DATA

11/29/2018

: Institution Data



**SEDREF - Core Information on SED Institutions**

Home Menu General Query Search Start New Search Current List Internal Help Public Help Login

**Institution Data**

<b>Inst ID:</b>	800000043793	<b>Legal Name:</b>	CONGREGATION LEV BAIS YAAKOV
<b>Popular Name:</b>	CONGREGATION LEV BAIS YAAKOV	<b>Corporate Name:</b>	
<b>Label Name:</b>	CONGREGATION LEV BAIS YAAKOV	<b>Type of Incorporation:</b>	RELIGIOUS CORPORATION
<b>Inactive?:</b>	N	<b>SED Code:</b>	332200229795
<b>Inst Type Desc:</b>	NON-PUBLIC SCHOOLS	<b>SED Code Effective Date:</b>	07/01/2000
<b>Inst Sub Type Desc:</b>	JEWISH	<b>Grade Org Code:</b>	6
<b>Level 2 Tracking Code:</b>		<b>Grade Org Desc:</b>	K-12
<b>SORIS Inst ID:</b>	800000043793	<b>SORIS Inst Name:</b>	CONGREGATION LEV BAIS YAAKOV
<b>OSE Reporting Inst ID:</b>		<b>OSE Reporting Inst Name:</b>	
		<b>Non Public Registration Code:</b>	1
<b>County Code:</b>	33	<b>Non Public Registration Desc:</b>	REGISTERED
<b>County Desc:</b>	KINGS	<b>School Dist Of Location:</b>	332200
<b>Dist Type Desc:</b>	NYC COMMUNITY DISTRICTS	<b>County of School Dist Code:</b>	33
<b>SDL Description:</b>	NYC GEOG DIST 22	<b>Record Type Code:</b>	2
<b>Active Date:</b>	07/01/2000	<b>Record Type Desc:</b>	NON PUBLIC SCHOOL (IMF)
<b>Inactive Date:</b>		<b>Comm Dist Type:</b>	NEW YORK CITY
<b>Needs Resource Code:</b>		<b>Charter School Approval Code:</b>	
<b>Needs Resource Desc:</b>		<b>Charter School Approval Desc:</b>	
<b>EDEN NCES LEA ID:</b>		<b>EDEN NCES SCH ID:</b>	

[https://portal.nysed.gov/pls/eedrefpublic/eed\\_inst\\_qry\\$inst.queryviewbykey?P\\_INST\\_ID=800000043793&Z\\_CHK=43364](https://portal.nysed.gov/pls/eedrefpublic/eed_inst_qry$inst.queryviewbykey?P_INST_ID=800000043793&Z_CHK=43364)

1/5

11/29/2018

: Institution Data

EDEN LEA Type:		EDEN Sch Type:	
EDEN LEA Description:		EDEN School Type Desc:	
EDEN LEA Op Status:		EDEN Sch Op Status Code:	
EDEN LEA Op Status Desc:		EDEN School Op Status Desc:	
SDW Indicator:		CSE Placement Eligible:	
Medicaid Provider Number:		Established Date:	07/01/2000
Successor INST Id:		Parent INST Id:	800000062231
Successor Name:		Parent Name:	BOARD OF JEWISH EDUCATION
Assembly District #:		Assembly District Year:	
Congressional District #:		Congressional District Year:	
Senate District #:		Senate District Year:	
OSC Vendor ID on SEDREF:	1100005340	OSC Vendor Status on SEDREF:	A
OSC Vendor Location on SEDREF:		OSC Address Sequence Number on SEDREF:	
Payee Name on SEDREF:	CONGREGATION LEV BAIS YAAKOV	OSC Address Line 1:	3574 NOSTRAND AVE
OSC Address Line 2:		OSC Address Line 3:	
OSC City:	BROOKLYN	OSC State:	NY
OSC Zip:	11229	OSC Country:	USA
OSC Open For Ordering Flag:	Y	OSC Disabled Veteran Classification:	N
OSC Small Business Classification:	N	SED Approved For Payment:	Y
EFT Indicator on SEDREF:		SED Interest Eligible:	Y
SED Not For Profit:		DUNS Number on SEDREF:	
CCR / Expiration Date on SEDREF:		DUNS Verified:	
Sedfin ID:		SED Payee Id:	43792
History Indicator:	Y	Owner:	INFORMATION AND REPORTING SERVICES

[https://portal.nysed.gov/pls/sedrefpublic/sed\\_inst\\_qry\\$inst.queryviewbykey?P\\_INST\\_ID=800000043793&Z\\_CHK=43364](https://portal.nysed.gov/pls/sedrefpublic/sed_inst_qry$inst.queryviewbykey?P_INST_ID=800000043793&Z_CHK=43364)

2/5

11/29/2016

Institution Data

**Address**

Address Type	Address Line 1	Address Line 2	City	State	Zip	Zip + 4	Country	Foreign Postal Code	GIS Longitude (X)	GIS Latitude (Y)	OITS GIS Accuracy Code
MAILING	3574 NOSTRAND AVE		BROOKLYN	NY	11229		US				
PHYSICAL	3574 NOSTRAND AVE		BROOKLYN	NY	11229		US		-73.9414344859	40.5968205027	0

Records 1 to 2 of 2

**Institution Contacts**

Contact Type	Contact Value	Extension	Active Date	Inactive Date
US PHONE	(718)332-6000		04/26/2002	
US FAX	(718)332-8868		07/01/2006	
EMAIL	shmiel@levbaisyaakov.org		04/25/2016	

Records 1 to 3 of 3

**Administrative Positions**

Admin Pos Type	Title	First Name	Middle Initial	Last Name	Active Date	Inactive Date
<u>3-8 TESTING COORDINATOR</u>	SCHOOL 3-8 TESTING COORDINATOR	MALKIE		MITNICK	06/26/2017	
<u>CHIEF EXECUTIVE OFFICER</u>	EXECUTIVE DIRECTOR	SAMUEL		DEUTSCH	06/07/2012	
<u>CHIEF FINANCIAL OFFICER</u>	MSA CFO	SAMUEL		DEUTSCH	07/01/2007	
<u>INFORMATION OFFICER</u>	SCHOOL DATA COORDINATOR	SAMUEL		DEUTSCH	04/25/2016	
<u>SCHOOL ADMINISTRATOR</u>	HIGH SCHOOL PRINCIPAL	RIVKA		ORATZ	07/15/2013	
<u>SCHOOL ADMINISTRATOR</u>	ELEMENTARY PRINCIPAL	MALKIE		MITNICK	07/15/2013	

[https://portal.nysed.gov/pls/sedrefpublic/sed\\_inst\\_qry\\$inst.queryviewbykey?P\\_INST\\_ID=800000043793&Z\\_CHK=43364](https://portal.nysed.gov/pls/sedrefpublic/sed_inst_qry$inst.queryviewbykey?P_INST_ID=800000043793&Z_CHK=43364)

3/5



11/29/2018

: Institution Data

Records 1 to 6 of 6

**Usages**

Usage	Usage Ind
CN INDICATOR	Y
IMF INDICATOR	Y

Records 1 to 2 of 2

**Grades with Enrollment - SY 2017 - 18**

These grades represent the August Final School Year enrollments for 2017-18.

GRADE 1
GRADE 10
GRADE 11
GRADE 12
GRADE 2
GRADE 3
GRADE 4
GRADE 5
GRADE 6
GRADE 7
GRADE 8
GRADE 9
FULL DAY KINDERGARTEN
PRE KINDERGARTEN

Records 1 to 14 of 14

- [History Information](#)

[https://portal.nysed.gov/pls/sedrefpublic/sed\\_inst\\_qry\\$inst.queryviewbykey?P\\_INST\\_ID=800000043793&Z\\_CHK=43364](https://portal.nysed.gov/pls/sedrefpublic/sed_inst_qry$inst.queryviewbykey?P_INST_ID=800000043793&Z_CHK=43364)

4/5

NCES

Lev Bais Yaakov

[Print](#) [More Information](#)

Information	
<b>Institution Name:</b> Lev Bais Yaakov	<b>Institution Type:</b> Private School
<b>Mailing Address:</b> 3574 Nostrand Ave Brooklyn, NY 11229	<b>County:</b> Kings
<b>Phone:</b> (718) 332-6000	<b>NCES School ID:</b> A0107653
Characteristics	
<b>Locale:</b> City: Large (11)	
<b>Type:</b> Regular elementary or secondary	
<b>Affiliation:</b> Jewish	
<b>Student Body:</b> All-female	
<b>Days in Year:</b> 175	
<b>Hours in Day:</b> 7	
<b>Library:</b> no	
<b>Total Teachers (FTE):</b> 58.8	
<b>Total Students:</b> 570	
<b>Students K-12:</b> 526	
<b>Student/Teacher Ratio:</b> 8.9	
Enrollment by Race/Ethnicity	
<b>American Indian/Alaska Native:</b> 0 <b>Asian:</b> 0 <b>Native Hawaiian / Pacific Islander:</b> 0 <b>Hispanic:</b> 0 <b>Black, non-Hispanic:</b> 0 <b>White, non-Hispanic:</b> 526 <b>Two or More Races:</b> 0	
Enrollment by Grade	
<b>Grade Levels: PK - 12</b> <b>PK:</b> 44 <b>6th Grade:</b> 40 <b>KG:</b> 62 <b>7th Grade:</b> 32 <b>1st Grade:</b> 54 <b>8th Grade:</b> 36 <b>2nd Grade:</b> 51 <b>9th Grade:</b> 42 <b>3rd Grade:</b> 51 <b>10th Grade:</b> 23 <b>4th Grade:</b> 50 <b>11th Grade:</b> 35 <b>5th Grade:</b> 32 <b>12th Grade:</b> 18	
(PK = Pre-Kindergarten KG = Kindergarten)	

(Source: PSS Private school data 2015-2016 school year)

National Center for Education Statistics  
Institute of Education Sciences

501C IRS CERTIFICATION

GuideStar - Basic Information

Page 1 of 1



Search Results | Ne

Home | Glossary | Help | About GuideStar | Contact GuideStar | SiteMap | Update This

GuideStar EZ  
Basic Information

**Congregation Lev Bais Yaakov**  
1033 E 22nd St  
Brooklyn, NY 11210

GuideStar Plus  
Summary

**EIN: 11-3371981**  
This organization is not required to file an annual return with the IRS because it is a cl  
501(c)(03) public charity.

GuideStar Products  
Charity Check  
Analyst Report

G4G  
GS Pro

Want to learn more about  
this organization?

Back to Top

The GuideStar site is for personal, informational use only. Any other use, including res  
information or use for commercial gain, is prohibited, except in accordance with a Gui  
licensing agreement.

Home | About GuideStar | Contact GuideStar | Site Map

GuideStar is the registered trademark and operating name of Philanthropic Research, Inc., a 501(c)(3) nonprofit organiza  
2003, Philanthropic Research, Inc. All Rights Reserved.

http://www.guidestar.org/search/report/gs\_report.jsp

6/1/2003

## IRS EIN LETTER

INTERNAL REVENUE SERVICE  
DISTRICT DIRECTOR  
P. O. BOX 2508  
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: FEB 26 1999

CONGREGATION LEV BAIS YAAKOV  
C/O LEAH DEUTSCH  
1033 EAST 22ND STREET  
BROOKLYN, NY 11210-3609

Employer Identification Number:  
11-3371981  
DLN:  
17053342030008  
Contact Person:  
TERRI SARVIS ID# 31055  
Contact Telephone Number:  
(877) 829-5500  
Accounting Period Ending:  
August 31  
Form 990 Required:  
No  
Addendum Applies:  
Yes

Dear Applicant:

Based on information supplied, and assuming your operations will be as stated in your application for recognition of exemption, we have determined you are exempt from federal income tax under section 501(a) of the Internal Revenue Code as an organization described in section 501(c)(3).

We have further determined that you are not a private foundation within the meaning of section 509(a) of the Code, because you are an organization described in sections 509(a)(1) and 170(b)(1)(A)(i).

If your sources of support, or your purposes, character, or method of operation change, please let us know so we can consider the effect of the change on your exempt status and foundation status. In the case of an amendment to your organizational document or bylaws, please send us a copy of the amended document or bylaws. Also, you should inform us of all changes in your name or address.

As of January 1, 1984, you are liable for taxes under the Federal Insurance Contributions Act (social security taxes) on remuneration of \$100 or more you pay to each of your employees during a calendar year. This does not apply, however, if you make or have made a timely election under section 3121(w) of the Code to be exempt from such tax. You are not liable for the tax imposed under the Federal Unemployment Tax Act (FUTA).

Since you are not a private foundation, you are not subject to the excise taxes under Chapter 42 of the Code. However, if you are involved in an excess benefit transaction, that transaction might be subject to the excise taxes of section 4958. Additionally, you are not automatically exempt from other federal excise taxes. If you have any questions about excise, employment, or other federal taxes, please contact your key district office.

Grantors and contributors may rely on this determination unless the Internal Revenue Service publishes notice to the contrary. However, if you lose your section 509(a)(1) status, a grantor or contributor may not rely on this determination if he or she was in part responsible for, or was aware of, the act or failure to act, or the substantial or material change on the part of the organization that resulted in your loss of such status, or if he or

Letter 947 (DO/CG)

-2-

## CONGREGATION LEV BAIS YAAKOV

she acquired knowledge that the Internal Revenue Service had given notice that you would no longer be classified as a section 509(a)(1) organization.

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for federal estate and gift tax purposes if they meet the applicable provisions of Code sections 2055, 2106, and 2522.

Contribution deductions are allowable to donors only to the extent that their contributions are gifts, with no consideration received. Ticket purchases and similar payments in conjunction with fundraising events may not necessarily qualify as deductible contributions, depending on the circumstances. See Revenue Ruling 67-246, published in Cumulative Bulletin 1967-2, on page 104, which sets forth guidelines regarding the deductibility, as charitable contributions, of payments made by taxpayers for admission to or other participation in fundraising activities for charity.

In the heading of this letter we have indicated whether you must file Form 990, Return of Organization Exempt From Income Tax. If Yes is indicated, you are required to file Form 990 only if your gross receipts each year are normally more than \$25,000. However, if you receive a Form 990 package in the mail, please file the return even if you do not exceed the gross receipts test. If you are not required to file, simply attach the label provided, check the box in the heading to indicate that your annual gross receipts are normally \$25,000 or less, and sign the return.

If a return is required, it must be filed by the 15th day of the fifth month after the end of your annual accounting period. A penalty of \$20 a day is charged when a return is filed late, unless there is reasonable cause for the delay. However, the maximum penalty charged cannot exceed \$10,000 or 5 percent of your gross receipts for the year, whichever is less. For organizations with gross receipts exceeding \$1,000,000 in any year, the penalty is \$100 per day per return, unless there is reasonable cause for the delay. The maximum penalty for an organization with gross receipts exceeding \$1,000,000 shall not exceed \$50,000. This penalty may also be charged if a return is not complete, so be sure your return is complete before you file it.

You are required to make your annual return available for public inspection for three years after the return is due. You are also required to make available a copy of your exemption application, any supporting documents, and this exemption letter. Failure to make these documents available for public inspection may subject you to a penalty of \$20 per day for each day there is a failure to comply (up to a maximum of \$10,000 in the case of an annual return).

You are not required to file federal income tax returns unless you are subject to the tax on unrelated business income under section 511 of the Code. If you are subject to this tax, you must file an income tax return on Form 990-T, Exempt Organization Business Income Tax Return. In this letter we are not determining whether any of your present or proposed activities are unre-

Letter 947 (DO/CG)

-3-

CONGREGATION LEV BAIS YAAKOV

lated trade or business as defined in section 513 of the Code.

You need an employer identification number even if you have no employees. If an employer identification number was not entered on your application, a number will be assigned to you and you will be advised of it. Please use that number on all returns you file and in all correspondence with the Internal Revenue Service.

Revenue Procedure 75-50, published in Cumulative Bulletin 1975-2 on page 587, sets forth guidelines and recordkeeping requirements for determining whether private schools have racially nondiscriminatory policies as to students. You must comply with this revenue procedure to maintain your tax-exempt status.

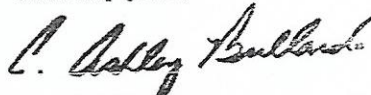
This ruling is based on the understanding that the majority of your Board of Directors will be non-salaried and will not be related to salaried personnel or to parties providing services. It is also based on the understanding that salaried individuals cannot vote on their own compensation and that compensation decisions will be made by the board.

If we have indicated in the heading of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

Because this letter could help resolve any questions about your exempt status and foundation status, you should keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown in the heading of this letter.

Sincerely yours,



District Director

Enclosure(s):  
Addendum

Letter 947 (DO/CG)

FRIEDMAN P.E.

www.friedmanpe.com

-4-

CONGREGATION LEV BAIS YAAKOV

Your form 1023 application and accompanying documentation indicate that the organization will be engaged in publishing memorial and religious text. Since you are not currently engaged in publishing activities and do not intend to carry on this activity in the near future, we have not determined the effect of the publishing activity on your tax exempt status. When you do initiate the publishing, please submit detailed information regarding the activity.

Letter 947 (DO/CG)

CERTIFICATE OF INCORPORATION

Certificate of Incorporation

OF

CONGREGATION LEV BAIS YAAKOV

(A RELIGIOUS CORPORATION)

Pursuant to the provisions of the  
Religious Corporation Law of the  
State of New York, Article X, Section 192

WE, the undersigned, all being of full age and at least two-thirds of us are citizens of the United States and all of us residing in the State of New York, do hereby make, sign and acknowledge and file this Certificate in order to form a Religious Corporation pursuant to the Religious Corporation Law of the State of New York, Article X, Section 192, as follows:

FIRST: The name of the proposed religious corporation is: CONGREGATION LEV BAIS YAAKOV

SECOND: The principal objects and purposes for which this corporation is formed are as follows:

- (a) To conduct and maintain a House of Worship conducted in accordance with the traditions of the Jewish faith, conduct all communal affairs necessary for a viable community AND TO ESTABLISH AND MAINTAIN A SCHOOL FOR EDUCATION IN ACCORDANCE WITH ORTHODOX JEWISH TRADITION.
- (b) To promote the religious, intellectual, moral, physical, developmental and social welfare among its members and their families in accordance with the tenets of their aforementioned faith, and its traditions and principals: to publish memorial and religious texts.
- (c) To have all the powers enumerated in the Religious Corporation Law, including, but not limited to, the authority to acquire, purchase, and sell property, both real and personal, to mortgage and lease both real and personal property, as may be necessary for the conduct, welfare and benefit and purpose of the corporation.
- (d) To aid, assist and support the educational and spiritual needs of children in the United States, and particularly in the State of New York, in order to inculcate the spiritual values of their aforementioned faith in such students and other members of their faith.
- (e) Notwithstanding any other provisions of these articles, the said corporation is organized exclusively for one or more of the following purposes: religious, charitable, or educational purposes (within the meaning of these terms as used in Section 501 (c) (3) of the Internal Revenue Code of 1954, and subsequent amendments), including, for such purposes, the making of distributions to organizations that qualify as exempt organizations under Section 501 (c) (3) of the Internal Revenue Code of 1954 (or corresponding provisions of any future United States Internal Revenue Law). The organizational objectives shall include the purposes and missions as intended under IRC 501 (c) (3). This organization shall be "publicly supported."
- (f) To do all things necessary to the accomplishment of the foregoing purposes and if the Trustees so decide, to associate itself with any other persons or organizations desiring to assist in the effectuation of the aforesaid purposes.
- (g) No part of the net earnings of the corporation shall inure to the benefit of, or be distributable to its members, trustees, officers or other private persons, except that the corporation shall be authorized and empowered to pay reasonable compensation for services rendered and to make payments and distributions in furtherance of the purposes set forth in Article (2) above. No substantial part of the activities of the corporation shall be carrying on of propaganda, or otherwise attempting to influence legislation, and the corporation shall not participate in, or intervene in (including publishing or distribution of statements) any political campaign on behalf of any candidate for public office. Notwithstanding any other provision of these articles, the corporation shall not carry on any other activities not permitted to be carried on by a corporation exempt from Federal income tax under section 501 (c) (3) of the Internal Revenue Code of 1954 (or the corresponding provision of any future United States Internal Revenue Law) or (b) of the Internal Revenue Code of 1954 (or the corresponding provision of any future United States Internal Revenue Law).

THIRD: The principal place of business of said corporation shall be located at 1477 West 21st Street, BROOKLYN, N.Y.

FOURTH: (a) A meeting of this corporation, was duly called and held in conformity with and under the provisions of Article X, Section 191 of the Religious Corporation Law, at its usual meeting place at 1036 E 21st St ~~Brooklyn~~ BROOKLYN City and State of New York, on the 210<sup>th</sup> day of MARCH, 1997 at which meeting a majority of the duly qualified voters of said organization were present, at least FOUR (4) in number were present, one of the subscribers hereof was the presiding officer. The following subscribers were present:



at least three (3) in number were present, one of the subscribers hereof was the presiding officer. The following subscribers were present voted thereat:

NAME	ADDRESS
<u>JERUCHOH L. SHAPIRO</u>	<u>1004 East 21st St. Brooklyn NY 11210</u>
<u>GERSHON SONTAG</u>	<u>2400 Ave L Brooklyn NY 11210</u>
<u>Martin Cukier</u>	<u>2523 Ave K Bklyn Brooklyn NY 11210</u>
<u>LEAH DEUTSCH</u>	<u>1033 East 22 Street Brooklyn NY 11210</u>

(b) The number of Trustees elected upon at the aforesaid meeting was THREE (3) in number.

(c) Those persons elected as trustees at the first meeting, their address and the terms of office for which they shall respectively serve, or their successors shall be elected, are:

- (1) ONE trustee until the said first annual election of trustees GERSHON SONTAG
  - (2) ONE trustee until the said second annual election of trustees JERUCHOH L. SHAPIRO
  - (3) ONE trustee until the said third annual election of trustees MARTIN CUKIER
  - (4) one trustee; until the said fourth annual election of trustees LEAH DEUTSCH
- (d) That at such meeting the date fixed for the annual election of Trustees was fixed as the 1st OF MARCH of each year.

(e) At said meeting, it was duly decided that said organization engaged in carrying out the functions described in Article Second (above) should become incorporated pursuant to Article X of the Religious Corporation Law. The name of the proposed corporation as decided at this meeting is to be as indicated in Article First above.

FIFTH: In the event of dissolution of the corporation, the Board of Trustees shall, after paying or making provision for the payment of all of the liabilities of the corporation, dispose of all of the assets of the corporation exclusively for the purposes of the corporation in such manner, or to such an organization or organizations organized and operated exclusively for charitable, educational, religious, or scientific purposes as shall at the time qualify as an exempt organization or organizations under section 501 (c) (3) of the Internal Revenue Code of 1954 (or the corresponding provision of any future United States Internal Revenue Law), as the Board of Trustees shall determine. Any such assets not so disposed of shall be disposed of by the Supreme Court in the County in which the principal office of the corporation is then located, exclusively for such purposes or to such an organization, as said Court shall determine, which are organized and operated exclusively for such purposes.

IN WITNESS WHEREOF, we, the undersigned, being at least eighteen years of age, affirm that the statements made herein are true and have subscribed our names and acknowledged this Certificate, this 20th day of MARCH, 1997.

Jeruchoh L. Shapiro  
Martin Cukier  
Leah Deutsch

STATE OF NEW YORK )  
COUNTY OF KINGS ) SS.

On the 20th day of March, 1997, before me personally came JERUCHOH L. SHAPIRO, LEAH D. GERSHON SONTAG and MARTIN CUKIER in me known and known to me to be the individuals described in and who executed the foregoing instrument, and they thereupon duly acknowledged that they executed the same.

David Y. Scionbrun  
Notary Public [SEAL]  
DAVID Y. SCIONBRUN  
Notary Public State of New York  
No. 24-4224102  
Qualified in Kings County  
Commission expires March 31, 1998

## RECOGNITION

Congregation Lev Bais Yaakov, Inc. is a religious corporation and is recognized by the New York State Education Department (NYSED) as a nonpublic school. NYSED is responsible for the oversight of public schools and standardized testing. Parents and guardians of compulsory school age children have the legal right to enroll them in nonpublic schools, which may be either independent/secular or provide religious instruction as part of the curriculum. NYSED provides support for nonpublic schools through the State Office of Religious and Independent Schools (SORIS).

Nonpublic religious or independent schools may apply to NYSED for a Basic Educational Data System (BEDS) code, which is assigned to each school location recognized by NYSED. When a school applies and is approved for a BEDS code, the school is listed on the State Education Department Reference File (SEDREF) database. All public and participating nonpublic schools are assigned a SEDREF number. The school's BEDS code enables NYSED to track the school through the SEDREF database. Congregation Lev Bais Yaakov, Inc. obtained a BEDS code and has been active in SEDREF since the 2000 school year.

Because the school is recognized by NYSED, it is eligible to participate in many state and local educational programs and services and the school and its students qualify and receive public funding for certain programs and services authorized by the federal and state governments that are only available to schools. These facts demonstrate the school's status as a *bona fide* school.

Since the school is recognized and tracked by NYSED through the SEDREF database, the school is also able to receive support and services through NYSED and the New York City Department of Education NYCDOE. As an educational institution qualified to receive public funding for certain programs and services, the school's students benefit from programs and services authorized by the federal and state governments that are administered by NYSED and NYCDOE. The children enrolled in the school benefit from programs and services authorized by New York State Legislature and the United States Congress, and which are administered by state and city school officials that ensure that all children of school age in New York State are entitled to receive if they are enrolled in a *bona fide* public or nonpublic school. This includes the: New York State Testing Program, transportation, New York State Textbook Loan Law Program, New York State Computer Software Loan Program, New York State School Library Materials Loan Program, and federally funded

education programs that are provided by the New York City Department of Education to children of school age attending public and nonpublic schools that are a part of the statewide educational system. This system included Federal “No Child Left Behind Act” programs such as Title I and Title III for children and professional development programs for teachers.

Congregation Lev Bais Yaakov, Inc. is listed with the United States Department of Education - The National Center for Education Statistics. The National Center for Education Statistics (NCES) is the primary federal entity for collecting and analyzing data related to education in the United States and other nations. NCES is located within the U.S. Department of Education and the Institute of Education Sciences. NCES fulfills a Congressional mandate to collect, collate, analyze, and report complete statistics on the condition of American education; conduct and publish reports; and review and report on education activities internationally.

#### NYSED REGISTRATION – LEV BAIS YAAKOV HIGH SCHOOL

Congregation Lev Bais Yaakov High School is a NYSED registered high school. Per NYSED guidelines, registered high schools have been reviewed and visited by NYSED staff as part of a determination of whether the school may be authorized to administer Regents examinations and confer Regents diplomas. The Board of Regents registers nonpublic secondary schools based upon a review of the school program; compliance with applicable laws, rules, and regulations; and achievement of certain standards. Congregation Lev Bais Yaakov High School is authorized by NYSED to administer Regents examinations and to grant valid New York State Regents diplomas to students who successfully complete the required course of study and assessment requirements for graduation.

## COMPULSORY ATTENDANCE

Since 1897, the compulsory attendance law in New York State has required all children between the ages of six and sixteen to be provided with a program of instruction, either at a public school or elsewhere. While the compulsory attendance law protects a child's right to be educated, the State has long recognized the right of parents to choose an alternative to the public school. Churches, temples, mosques, and other groups of people are guaranteed the right to provide educational programs in accordance with their religious beliefs and educational philosophies. Over the years, nonpublic schools have been an integral part of the total educational system of the State.

The New York State Education Law provides that if instruction is given to a minor elsewhere than at a public school, "it shall be at least substantially equivalent to the instruction given to minors of like age and attainments at the public schools of the city or district where the minor resides."<sup>1</sup>

## NEW YORK STATE EDUCATION LAW SECTIONS §3204, §3205 AND §3210

The school is a "school" within the meaning of ZR section 12-10 because it is an institution providing full-time day instruction and a course of study that meets the requirements of Sections 3204, 3205 and 3210 of the New York State Education Law (NYSEL).

---

<sup>1</sup> (Department, Student Support Services)

## FULL DAY INSTRUCTION (NYSEL § 3204 &amp; § 3205)

Congregation Lev Bais Yaakov Inc. ("the school") implements a curriculum that satisfies New York State's Compulsory Attendance Law requirements. The school is a full-time day school and is in session for not less than one hundred eighty days each year. The school enrolls children of school age grades kindergarten through twelve, including full time instruction. Instruction at the school is provided only by competent teachers.

The school teaches the subjects required by NYSEL 3204, English is the language of instruction and the textbooks used are written in English. The course of study for first through eighth grades includes arithmetic, reading, spelling, writing and the English language, geography, United States history, civics, hygiene, physical training, the history of New York State and science.

In the high school, the school's courses of study and of specialized training beyond the first eight years of full-time study (Grades 9-12) provides for instruction required by NYSEL, including the English language and its use, in civics, hygiene, physical training, and American history including the principles of government proclaimed in the Declaration of Independence and established by the constitution of the United States, as well as science and mathematics instructions. In the teaching of the subjects of instruction required by NYSEL, English is the language of instruction, textbooks used are written in English.

## AMOUNT AND CHARACTER OF REQUIRED ATTENDANCE (NYSEL § 3210)

Students at the school attend regularly as prescribed for the entire time the appropriate public schools are in session, students are subordinate and orderly while so attending.

Students at the school attend for at least as many hours as required in public schools and within the hours specified, a minimum of five and a half instructional hours.

Absences at the school are permitted only for causes allowed by the general rules and practices of the public schools and absence for religious observances and education are permitted under rules established by the education commissioner. Holidays and vacations do not exceed in total amount those allowed by public schools.

# SUBSTANTIAL EQUIVALENCY

## NON-PUBLIC SCHOOLS

The New York State Education Department provides guidance and resources for local school authorities and religious and independent schools regarding the statutory requirement for substantial equivalency of instruction at nonpublic schools to ensure that all students receive the education to which they are entitled, per New York Education Law §3204, §3205, and §3210.<sup>2</sup>

## REGISTERED HIGH SCHOOLS

Registered high schools: Per NYSED guidelines, registered high schools have been reviewed and visited by NYSED staff as part of a determination of whether the school may be authorized to administer Regents examinations and confer Regents diplomas. The Board of Regents registers nonpublic secondary schools based upon a review of the school program; compliance with applicable laws, rules, and regulations; and achievement of certain standards. In registering a nonpublic school, the Board of Regents has determined that such school is providing substantially equivalent instruction. (*Appeal of Fusion Academy-Brooklyn, 56 Ed Dept Rep, Decision No. 17,070*)<sup>3</sup>

---

<sup>2</sup> (NYSED)

<sup>3</sup> (Department, Guidelines for Determining Equivalency of Instruction in Nonpublic Schools)

NEW YORK STATE BOARD OF REGENTS HIGH SCHOOL REGISTRATION  
LEV BAIS YAAKOV HIGH SCHOOL

Congregation Lev Bais Yaakov High School is a NYSED Board of Regents registered high school that is authorized by NYSED to administer Regents examinations and to grant valid Regents diplomas to students who successfully complete the required course of study and assessment requirements for graduation. As such it has been reviewed and visited by NYSED staff and the Board of Regents has determined that it is providing substantially equivalent instruction per New York Education Law §3204, §3205, and §3210.

On the following pages: The University of the State of New York Education Department, Board of Regents Certificate of High School Registration for Congregation Lev Bais Yaakov and NYSED registration report are respectively attached.

THE UNIVERSITY OF THE STATE OF NEW YORK EDUCATION DEPARTMENT, BOARD  
OF REGENTS CERTIFICATE

# THE UNIVERSITY OF THE STATE OF NEW YORK



**EDUCATION**

**DEPARTMENT**

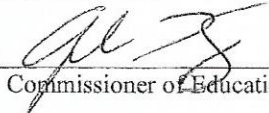
## Certificate of High School Registration

The Board of Regents has voted to register, as of Tuesday, April 29, 2014

### Congregation Lev Bais Yaakov

This registration shall continue as long as said institution conforms to the applicable State laws, Rules of the Board of Regents, Regulations of the Commissioner of Education, and other requirements as may be established by the Board of Regents.

In Witness Whereof, the Regents grant this certificate Number 33-658  
under seal of the University of the State of New York.

  
\_\_\_\_\_  
Commissioner of Education

August 5, 2014  
Date



NYSED REGISTRATION REPORT

**SECTION I**  
**Nonpublic Schools**

Registration Status	Grade	Incorporation Organization Abbreviation	School Name	School Administrator	Address	City	State Zip Code	Telephone
			<b>KINGS</b>					
	SH	RO	CONGREGATION CHASIDEI BELZ BETH MALK	Rabbi Berei Hecht	7914 Bay Parkway	Brooklyn	NY 11214	(718)576-1041
	Elem	RO	CONGREGATION DERECH EMUNAH VIENER	Ms. Mindy Hager	2305 Olean St	Brooklyn	NY 11210	(718)258-5314
REGISTERED	K-12	RO	CONGREGATION LEV BAIS YAAKOV	Rabbi Samuel Deutsch	3574 Nostrand Ave	Brooklyn	NY 11229	(718)332-6000
REGISTRATION PENDING	K-12	RO	CONGREGATION MACHNA SHALVA	Mr. Yaakov Y Steinmetz	4820 16th Ave	Brooklyn	NY 11204	(718)436-2122
		RO	CONGREGATION MACHNA SHALVA - 2	Mr. Josef Deutsch	8700 Ave K	Brooklyn	NY 11236	(347)558-8422
REGISTERED	K-12	RO	CONGREGATION MACHNE CHAIM INC	Rabbi Nuchem Klein	6101 16th Ave	Brooklyn	NY 11204	(718)871-7571
	K-12	RO	CONGREGATION OHR MENACHEM	Mr. Menachem Hendel	1729 President St	Brooklyn	NY 11213	(718)778-8770
	PreK	RO	CONGREGATION YESHIVA BNEI TORAH	Mr. Molsho Seldenfeld	1571 55th St	Brooklyn	NY 11219	(718)475-1200
	Elem	NFP	CO-OP SCHOOL (THE)	Ms. Meredith Gray	40 Brevoort Pl	Brooklyn	NY 11216	(347)721-3408
	Elem	FP	CORTELYOU EARLY CHILDHOOD CENTER	Ms. Sophia Francis	2739 Bedford Ave	Brooklyn	NY 11210	(718)421-9581
	SH	NFP	CRISTO REY BROOKLYN HIGH SCHOOL	Mr. Joseph Dugan	710 E 37th St	Brooklyn	NY 11203	(718)455-3555
	Elem	RO	CROWN HEIGHTS YESHIVAH	Mr. Refael Farhi	6363 Ave U	Brooklyn	NY 11234	(718)444-5800
	Elem	RO	D & G KALOIDIS PAROCHIAL SCHOOL	Ms. Francesca Mannino	8502 Ridge Blvd	Brooklyn	NY 11209	(718)836-6096
	Elem	FP	DANIELLE'S EDUCATING FOR THE FUTURE	Ms. Marie Joseph	144 E 56th St	Brooklyn	NY 11203	(718)345-8778
	JSH	RO	DARCHAI MENACHEM INC	Rabbi Eyal Bension	432 Rutland Rd	Brooklyn	NY 11203	(718)953-2919
	Elem	RO	DARKEI CHAIM	Mr. Ben Einhorn	1470 56th St	Brooklyn	NY 11219	(718)435-0894
	SH	RO	DARKEI TSHIVO OF DINOV	Rabbi Jacob Landau	77 Wallabout St	Brooklyn	NY 11249	(718)422-0012
	Elem	NFP	DILLON CHILD STUDY CENTER	Ms. Susan Shapiro	239 Vanderbilt Ave	Brooklyn	NY 11205	(718)940-5678
	Elem	RO	EAST MIDWOOD HEBREW DAY SCHOOL	Ms. Shirley Weichselbaum	1256 E 21st St	Brooklyn	NY 11210	(718)253-1555
	Elem	RO	EBENEZER PREP SCHOOL	Mrs. Joy K Jones	5464 Kings Hwy	Brooklyn	NY 11203	(718)629-4231
REGISTERED	SH	RO	EISEK HATORAH D'RACHMISTRIVKA	Mr. Ahron Wosner	8101 Ave K	Brooklyn	NY 11236	(718)438-5040
	SH	RO	ELITE HIGH SCHOOL	Ms. Yelena Sokolin	2115 Benson Ave	Brooklyn	NY 11214	(718)373-0960
REGISTERED	Elem	NFP	EPIPHANY LUTHERAN ELEMENTARY SCHOOL	Ms. Judy Evans-Gayle	721 Lincoln Pl	Brooklyn	NY 11216	(718)773-7200
	JSH	RO	EXCELSIOR ELEMENTARY SCHOOL	Mr. Ivanhoe Douglas	418 E 45th St	Brooklyn	NY 11203	(718)693-5502
	Elem	RO	FLATBUSH SDA SCHOOL	Ms. Veronica Walker	5810 Snyder Ave	Brooklyn	NY 11203	(718)922-6390
REGISTRATION PENDING	JSH	RO	FOLLOWERS OF JESUS SCHOOL	Mr. Richard C Schwartz	3065 Atlantic Ave	Brooklyn	NY 11208	(718)235-5493
REGISTERED	SH	RO	FONTBONNE HALL ACADEMY	Ms. Mary Ann Spicijaric	9901 Shore Rd	Brooklyn	NY 11209	(718)748-2244
	JSH	FP	FUSION ACADEMY BROOKLYN	Ms. Polly Christlson	1 Metro Tech-Ste 1004	Brooklyn	NY 11201	(718)522-3286
	JSH	RO	GAN YISROEL	Rabbi Aron Ginsberg	3909 15th Ave	Brooklyn	NY 11218	(718)853-9853
	Elem	NFP	GATEWAY CITY ACADEMY	Ms. Susanne Nocera	257 Bay Ridge Ave	Brooklyn	NY 11220	(718)921-3737

Elem - Elementary  
 JH - Junior High  
 JSH - Junior-Senior High  
 K-12  
 Mid - Middle  
 PreK - PreK Only  
 SH - Senior High  
 Spec - Special

FP - For Profit  
 EC - Education Corporation  
 RO - Religious Organization  
 URO - Unincorporated Religious Organization  
 NFP - Not-for-profit Corporation

## ENROLLMENT PROJECTIONS

School enrollment projections are vital for school administrators. These estimations help them determine how much staff they will need to keep or hire, making financial arrangements and classroom and grade distributions.

There are different methods to try to establish future enrollment. One way to calculate future student enrollment is to track new residential developments. The problem with this system is that it would be too tedious and time consuming. New families would have to be interviewed to find out their religious affiliation, the age of the students and whether they would be attending a public school. These are questions which people may not want to answer. Tracking migration patterns and geo-spatial analysis, although it may be somewhat effective, would still create the same problems; it would require identifying and tracking.

Any type of projection or estimate would be theoretical, and a constantly changing neighborhood would require a continuous need for updating the numbers. In this case, the best predictor would be grade progression rates for the school. In this case, the most reliable way to project what may occur in the future is to use data from multiple years to build ratios and factor in other elements to increase the likelihood that the numbers are reliable.

For enrollment projections to be as accurate as possible, it is important to look at the historical student enrollment once the school entered the new building for the 2010-2011 school year. Using other numbers to try to generate a trend would increase the chance of inaccurate data. The chart below shows the student enrollment from 2010-2011 to the present school year. Decreases in student population from one grade to the other was due to either families moving out of the area, a change in the economic situation or students being held back. Increase in enrollment was based on students the school administrators were able to accommodate rather than the number of students wanting to enroll.

Congregation Lev Bais Yaakov Enrollment											
	Actual										
	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Kindergarten	41	31	43	51	58	55	59	51	54	54	49
Preschool	37	43	42	47	56	54	55	57	51	53	46
1st Grade	38	37	47	40	49	54	52	56	59	51	54
2nd Grade	42	36	36	45	40	52	50	52	54	57	44
3rd Grade	24	44	38	34	47	37	52	50	51	53	48
4th Grade	44	25	48	38	35	48	34	50	49	49	47
5th Grade	22	37	24	45	37	35	39	34	51	48	51
6th Grade	40	22	40	25	46	38	37	39	33	50	47
7th Grade	46	38	23	42	26	46	37	37	38	32	42
8th Grade	14	45	41	24	41	26	47	37	36	37	32
9th Grade			31	31	21	35	22	40	30	30	34
10th Grade				31	29	20	35	22	41	30	32
11th Grade					25	26	20	30	22	41	29
12th Grade						23	26	20	35	22	38
Lower School	348	358	382	391	435	445	462	466	476	474	460
High School			31	62	75	104	103	118	128	126	133
Total	348	358	413	453	510	549	565	571	604	600	593
Percentage of Change				9.68%	12.58%	7.65%	2.91%	1.06%	5.78%	-0.67%	-1.18%

The capacity that the existing school building was designed to accommodate efficiently is approximately five hundred (500) students. When the enrollment grew to 600 students, the school became overcrowded and was unable to function to its full potential. At that point the school had no choice but to turn away students.

The National Center for Education Statistics estimates that public and private elementary and secondary schools (prekindergarten through grade 12) will increase by two percent through 2026. The year after the Lev Bais Yaakov school moved into its current location the school enrollment grew over twelve and a half percent (12.5%). The average growth over the next five years was six percent (6%) until enrollment reached about six hundred (600) students. This created overcrowding conditions in the school, and over the next two years enrollment decreased marginally (-0.67% and -1.18%). The decrease in enrollment in 2017 and 2018 is due to attrition and lack of space in the school building to accommodate new students.

## CAPACITY OF THE EXISTING SCHOOL BUILDING

Records at the New York City BSA show that in the application for a variance to build the existing school building at 3574 Nostrand Avenue, the Statement of Facts for BSA Calendar Number 339-05 BZ estimated the Lev Bais Yaakov School five-year projected enrollment as follows:

*“The total number of proposed classrooms will be thirty-five (35) classrooms, allowing for current and future growth of the Yeshiva to approximately five hundred (500) students by the year 2010.”*

In 2012 this maximum goal of 500 students was surpassed and enrollment continue to increase to 600 students at which point the existing school building became overcrowded and students had to be turned away.

## CAPACITY OF THE NEW HIGH SCHOOL BUILDING

The proposed Lev Bais Yaakov High School building will allow for parallel classes in grades 9-12, up to 55 students per grade, a total of two hundred and twenty (220) high school students. The red box in the table above shows the current numbers of the eighth through eleventh grades which will be next year's ninth through twelfth grades. The table below shows the projection over the next five years.

GRADE	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
8	32	42	47	51	47	48
9	34	34	45	50	53	50
10	32	36	36	48	53	55
11	29	34	38	38	51	55
12	38	31	36	40	40	54
TOTAL	133	135	155	176	197	214

At a six percent (6%) rate of increase, the five-year projection will allow the building to sufficiently hold the estimated number of students, allowing some grades to grow at a larger rate. The class sizes will be capped when they reach fifty-five (55) students. The new building will serve a dual purpose. Firstly, it will allow the high school to keep all of its current students and accommodate the Lev Bais Yaakov graduating eighth grade, and secondly it will free up overcrowded spaces that the high school classes occupy in the current school building, allowing the lower divisions: preschool, elementary and middle school, to maximize utilization of the existing school building. Providing the high school with its own building will allow the elementary and middle school in the existing building to utilize spaces it has had to do without, such as resource and tutoring rooms, as well as vitally needed specialty and tracking classrooms. In the totals above the eighth grade, shaded area, was omitted from the totals and shown to be used as a guide when predicting the incoming ninth grade class.

## THE LEV BAIS YAAKOV HIGH SCHOOL BUILDING

The new building will be comprised of a cellar, first, second, third, fourth, fifth and sixth floors. The cellar will have a multipurpose room, which will be utilized as a gymnasium/lunchroom/auditorium, and office, storage and utility spaces. The first floor will have a science lab, computer room, home economics room, book storage, reception area and security. The second floor will have a library, studio art room, teachers' room and STEM lab. The acronym STEM stands for the disciplines of science, technology, engineering, and mathematics. The third through sixth floors will each have two general classrooms, a tracking/resource room and an office.

## SECURITY AND SAFETY

The administration of the school will maintain security safeguards presently in place. In conjunction with the way the school operates, there are certain things that can be done in terms of building design that will augment the safety of the students.

The school will have a security desk located at the main entrance lobby. The security desk and reception office will be located to allow visual control so that visitors must walk past security first before being able to access the building in general. The security officers will monitor any persons entering the building through the front and side doors during school hours and will attend to any security issues that arise inside of the building.

As the proposed building's shape is rectangular, a direct corridor is feasible. In order to maintain a clear and uncomplicated design the corridors are laid out around the central vertical circulation core. The layout on each floor is such that rooms are placed along the perimeter walls and classrooms and offices along the perimeter wall. The stairs are located in such a way that there is always a staircase located nearby. The elevator lies between the two staircases. As a result, virtually all rooms on each floor will have natural light.

## LIMITATIONS

The program and layout are limited by the narrowness of the lot, and the design of the building is guided by this limitation. The elevator and stair core will be located in the center of the building, thereby dividing the building in half, limiting room layout options. The core needs to be placed in the center allowing the classrooms and other spaces to receive natural light and ventilation at the exterior walls.

## PRIMARY AND SECONDARY USES

### ROOMS OF INSTRUCTION

#### CLASSROOMS

FUNCTION: Religious and secular studies

- Rooms should be located in close proximity to secondary uses and core circulation.
- Classrooms to meet future enrollment needs.
- 20 square feet of space per child as per and Table 1004.1.1 of the 2014 New York City Building Code.
- Classrooms should be of varying sizes in order to group students into smaller groups as needed for remedial or advanced placement classes
- Where possible, located within close proximity of vertical core.
- Natural light, when possible, in classroom.
- Classroom should have unobstructed views.
- Layout should be conducive to group and individual work.



## SPECIALTY ROOMS OF INSTRUCTION

## SCIENCE CLASSROOM/LAB

FUNCTION: Demonstration and Experimentation of the Sciences

- 20 square feet of space per child as per and Table 1004.1.1 of the 2014 New York City Building Code.
- Allow adequate space for equipment and student activities
- Room should be located in close proximity to vertical circulation.
- Proximity to storage for equipment.
- Flexible design, used for demonstrations, labs and projects.
- Classroom should have unobstructed views.
- Layout should be conducive to small group and individual work.
- Allow enough area for a minimum of half a class

## COMPUTER ROOM

FUNCTION: Instruction of Computer Technology and for research purposes.

- 20 square feet of space per child as per 2014 New York City Building Code Table 1004.1.1.
- Close proximity to middle and high school students.
- Space should be in close proximity to vertical circulation cores.
- Staff: Computer room to be run by computer science teacher.
- Natural Light not required. If provided, window treatment to be provided to reduce glare.

## STEM LAB

**FUNCTION:** STEM classes (science, technology, engineering and mathematics). Learning is interdisciplinary, collaborative and project-based; students work closely together in a hands-on way to solve real-world problems.

- Rooms should be located in close proximity to vertical circulation.
- 20 square feet of space per child as per 2014 New York City Building Code Table 1004.1.1.
- Provide storage for equipment.
- Flexible design used for demonstrations and projects.
- Classroom should have unobstructed views.
- Layout should be conducive to small group and individual work.
- Allow enough area for a minimum of half a class

## HOME ECONOMICS

**FUNCTION:** Home Economics, food preparation, sewing and family skills

- Rooms should be located in close proximity to vertical circulation.
- 20 square feet of space per child as per 2014 New York City Building Code Table 1004.1.1.
- Provide storage for equipment.
- Flexible design used for demonstrations and projects.
- Classroom should have unobstructed views.
- Layout should be conducive to small group and individual work.
- Allow enough area for a minimum of half a class

## TRACKING CLASSROOMS

**FUNCTION:** Educational support spaces for gifted and lower academic students, and elective subjects

- 20 square feet per child as per 2014 New York City Building Code Table 1004.1.1 for classrooms
- Classrooms should smaller to accommodate small groups.
- At least one classroom per grade
- Where possible, should be located within close proximity to classrooms and vertical core.
- Natural light, when possible, in classroom.
- Flexible design
- Classroom should have unobstructed views.
- Layout should be conducive to group and individual work.
- Classrooms which can be used by teachers and staff to meet with a smaller group of students for remedial classes, tracked classes, advanced placement or elective subjects
- Adjacent to vertical circulation.
- Location for students to take individual exams
- Spaces should be accessible to all classrooms.

## SUPPORT SPACES

## GENERAL OFFICES

**FUNCTION:** Office space for specific uses.

- Office spaces for Religious/Hebrew principal and Secular/English principal and secretary/support staff
- Office for guidance counselor.
- Additional office for faculty and staff.
- Ample space necessary in order to provide services for students.

## OFFICE – GENERAL/RECEPTION

**FUNCTION:** Coordinates with other offices for ease of operation between departments, parents and the community. This office is point of contact with the community.

- General/Reception office to be near the main entrance from street in order to maintain security.

## OFFICE – NURSE/HEALTH OFFICE

- **FUNCTION:** Point of contact for first aid and treatment of minor illnesses and injuries. Nurse will contact parents and refer students to emergency services, if necessary.
- Large enough space to accommodate desk and storage.
- Located near vertical circulation, especially elevator.

## CUSTODIAL

**FUNCTION:** Support in maintaining school, to keep the school clean and equipment running.

- Janitor closets, supplies for quick clean ups.

## PLACES OF ASSEMBLY

## LUNCHROOM

**FUNCTION:** Common space used for food consumption.

- Minimum obstructions so that lunchroom can be easily supervised.
- Space should be accessible to students.
- Must provide seating for at least two grades in one seating.
- Close proximity to bathrooms.
- Lunchroom use based on 15 square feet per person as shown on Table 1004.1.1 of the 2014 New York City Building Code for unconcentrated (table and chair) seating.

## GYMNASIUM

**FUNCTION:** Physical education space to promote students' health and well-being and encourage team building skills and socialization.

- A space which is large and dividable, so multiple classes can use it together or for separate activities.
- Space should be accessible to all classrooms via vertical circulation.
- Minimal obstruction for sports play.
- Provide for storage of equipment.
- Close proximity to bathrooms.
- A location for extracurricular and afterschool activities.
- A location for elective uses.
- Must provide space for several classes at one time.
- Gymnasium use based on 15 square feet per person as shown on Table 1004.1.1 of the 2014 New York City Building Code. Allow additional floor area per student to allow for movement

## LIBRARY

FUNCTION: Common space uses: reading, lending books and research.

- For use by many or a few students at a time, for individual or group studies.
- Enough space to accommodate groups for use as a small lecture hall.
- Libraries should house grade appropriate materials for reading and research.
- Space should be located near vertical core.
- Space should be adaptable for use as a media/video screening room
- Acoustics are of primary importance
- Adequate lighting levels for reading and natural light is required

## MULTIPURPOSE SPACE

FUNCTION: Common space which can be used for various uses.

- Minimum obstructions so that room can be subdivided if needed.
- Space should be accessible circulation core.
- Close proximity to bathrooms.

## ELECTIVE USES

### MISCELLANEOUS

#### TEACHER'S ROOM

**FUNCTION:** A space for teaching staff to keep their belongings; drop off location for mail and copies made by office staff, a place for teachers to eat lunch and grade papers.

- Space large enough for a few or several teachers at one time, if possible.
- Location large enough to accommodate meetings.
- Adjacent to staff toilets, when possible.

## DEFICIENCIES

In recent years, the growth of the Orthodox Jewish community and families in the area has increased the space burden on the Congregation Lev Bais Yaakov School. When the school built its current school building, the intention was that the premises would suffice as the school gradually grew in size. The school did not envision the rapid growth that occurred, and due to this unanticipated growth, the school has become overcrowded and it does not have enough space to accommodate all of its own graduating eighth graders into the Lev Bais Yaakov High School.

All available spaces in the current school building are in use; some spaces have been re-purposed into spaces for instruction, and in other cases programs and services have been eliminated due to lack of space. Spaces such as the Synagogue and meeting rooms are currently being used for instruction. Faculty and staff are operating in overloaded offices and ultimately the students suffer as they cannot receive much needed services. There is a critical shortage of resource rooms and tutoring spaces in all grades. The school needs appropriate "tracking" classrooms for subjects in which students are divided into smaller groups with tracks such as basic, remedial or advanced level. These spaces are severely limited, smaller office space, hallways and closets are being used as resource rooms and for remedial studies and tutoring. The tracking classrooms are unique spaces that allow teachers to better direct lessons toward the specific ability level of the students in each class. There is not only a lack of classroom instruction space but also of spaces which support the efficient running of the school. Larger office spaces are utilized for instruction while smaller offices are used as resource spaces or shared by many people. All available space is being used. Stored equipment, books and other items have been moved into the classrooms and principals' offices in order to be able to use these spaces for other uses. These supporting spaces are necessary to properly educate students.

An educational program also encompasses other aspects which affect the type of education a student receives. Office workers and service providers need to share small spaces. When conferences are scheduled, these spaces need to be vacated in order for the meetings to occur. Students who are making up an exam may have to do so in the corridor as there are no small quiet spaces to accommodate them.



## GOALS

### GOALS OF THE SCHOOL

Lev Bais Yaakov High School is a community-based school which serves the needs of the Orthodox Jewish Community. The school's mission is based on the principle that the children's education should be continuous throughout their formative years, with particular emphasis on their ancestor's traditions and the community's way of life. The goal of Lev Bais Yaakov High School is to prepare the girls for the challenges that lie ahead. It strives to combine secular modern forms of instruction with traditional content. It educates the girls in Torah and Jewish studies as well as New York State mandated subjects. Lev Bais Yaakov High School strives to impart a deep-rooted understanding of traditional values and character development. The school also provides a quality secular education in order to provide students with the skills necessary to function successfully in today's society and become contributing members of not only their community, but society as well.

The existing building will be utilized to its maximum potential. When the high school moves into its own building, the sixth floor of the existing school building will be available for use by elementary and middle school classes. Much of the current overcrowding in the building will be alleviated by utilizing these spaces as urgently needed classrooms and supporting resource room and tutoring spaces for the elementary and middle school grades.

## GOALS OF THE PROGRAM

The goal of the program is to not only to accommodate the student enrollment within the five-year projection but to supply students with spaces and services necessary to create an environment conducive to learning. In order for students to have the tools necessary to succeed, they must be provided with the proper resources.

A successful school runs properly when all components come together. It is particularly effective when the students have sufficient space, there is enough space to accommodate new students and support services are housed in the same building. This includes, but is not limited to, auxiliary educational spaces such as art, science, STEM and computer labs and tracking rooms. A school is also successful when the staff has enough space to perform their duties to the best of their abilities without being hindered by space constraints.

With that said, no program is perfect. In order for every need to be met, there would have to be an unlimited amount of space and a large tract of land. When dealing with an existing structure, we have to work around the building's physical limitations. The objective of this program is to prioritize the needs of the school and attempt to meet as many goals as possible.

## PRIORITIES

As there are always physical limitations in any existing facility, prioritization of space uses must be allocated. Within a limited envelope prioritizing and knowing what you can do without is a must. Priority can be assigned in three tiers by order of importance.

<u>Tier One Priorities</u>	<u>Tier Two Priorities</u>	<u>Tier Three Priorities</u>
Classrooms	Labs	Home Economics Room
Offices	Tracking	Art Room
Gymnasium	Elective Classrooms	Music Room
Recreation Spaces	Teachers' Room	Dance Room
Lunchroom		Meeting Spaces
Library		

# PROGRAM IMPLEMENTATION

## ROOMS OF INSTRUCTION

As is the case with space limitations, other than the Tier One Priorities, not all Tier Two or Tier Three Priorities can be accommodated. Spaces will be allocated in order of importance as available. When Tier Two and Tier Three spaces are available, they are usually the first ones to be converted into classrooms, if necessary. Some elective spaces are located in this section.

### CLASSROOMS – GENERAL

**STAFF REQUIRED:** One teacher for each subject.

The school has a dual Jewish Religious Studies/Secular Studies curriculum, every class has departmental teachers for religious studies and for secular studies. These are typical general classrooms, as opposed to specialized classrooms such as those for science, STEM etc. Classrooms are instructional rooms for curriculum areas which do not require a physically specialized space. Most of the day's studies and instruction occurs in the student's general classroom. Departmental teachers move from classroom to classroom, as necessary.

Classrooms should be set up in such a manner that the classrooms for each grade should be kept together. The classrooms should also be grouped in such a manner that the grade progression flows throughout the building, that is to say the progression from one grade to another should be a smooth one.

Allow daylight in classrooms where possible, as studies show it may increase performance and concentration.<sup>4</sup> Studies concerning the quality of lighting in the classroom have demonstrated a positive correlation between appropriate lighting and higher student

---

<sup>4</sup> (Heschong Mahone Group)

achievement. Specifically, studies indicate natural lighting to have the most positive affect on student achievement.<sup>5</sup>

## SPECIALTY ROOMS OF INSTRUCTION

### SCIENCE CLASSROOM/LAB

STAFF REQUIRED: Students will be instructed by science teachers.

Science classroom should allow for use by various sciences, chemistry, biology and environmental science. Allow daylight in science lab where possible, as studies show it may increase performance and concentration. Lab to be outfitted accordingly with the latest educational technology and equipment to enhance learning.

### COMPUTER ROOM

STAFF REQUIRED: Students will be instructed by computer teachers.

Create computer room to reinforce lesson, promote computer literacy and provide students who do not have access to a computer at home to remain competitive with their schoolmates.

### STEM LAB

STAFF REQUIRED: Students will be instructed by STEM teachers.

Create space where interdisciplinary, collaborative based projects can be created.

---

<sup>5</sup> (Earthman)

**SUPPORT SPACES**

## TRACKING/RESOURCE/ ELECTIVE CLASSROOMS

**STAFF REQUIRED:** Instructors work with smaller groups of students throughout the day, while classes are in session.

Create smaller classroom spaces which can be used for smaller groups, focusing students on specific subjects and skills. Some subjects are compulsory, and others are optional electives.

These smaller classrooms are used for subjects in which students are divided into smaller groups based on course difficulty, with tracks such as basic, remedial or advanced level. A major advantage of tracking is that it allows teachers to better direct lessons toward the specific ability level of the students in each class. For example, a student at a higher level in math may attend a class with advanced math students, but if at a lower level in English they may be grouped with peers at their level in English.

These smaller classrooms will also be used for elective and advanced placement subjects.

## OFFICE SPACES

Some offices will be described here while others will be more appropriately described under another use such as physical education.

## RECEPTION OFFICE

**STAFF REQUIRED:** Office staff

This space is needed for day-to-day operations of the school. This office interacts with parents and the community as well as students. Staff includes the high school administrative secretary who should be located near the main entrance for visitors and have access to student records.

**NURSE'S OFFICE**

**STAFF REQUIRED: One (1) Nurse**

Create sufficient space for nurse to evaluate and treat students. Space should be sufficient for nurse, a desk and space for supplies. Emergency cases will be transferred to local hospital emergency room. Nurse to maintain student health records.

**GUIDANCE OFFICE**

**STAFF REQUIRED: One (1) Guidance counselor**

Guidance office should be located in close proximity to older grades and be located near stair to maintain a greater level of privacy.

**CUSTODIAL**

**STAFF REQUIRED: Three (3) persons required for maintenance**

The custodian oversees the maintenance of the school and makes sure it runs smoothly, from heating and cooling to cleanliness and repairs. The custodian and his staff usually have contact with the administration and staff. The custodian and his staff will be located in the adjacent building and will come to the building when summoned.

**TEACHERS' ROOM**

**STAFF REQUIRED: None**

Create spaces on all floors where teachers can take a break, grade papers, pick up copies, etc. These spaces are for the exclusive use of the teachers. A separate space should be created for meeting with parents or for community-based meetings such as the Parent Teacher Association (PTA) meetings and parent engagement meetings.

## PLACES OF ASSEMBLY

## MULTIPURPOSE ROOM – MULTIPLE FUNCTIONS

STAFF REQUIRED: None, students will be supervised by teachers.

Create minimally obstructed, large space so that teachers can monitor students easily. Space to serve several functions, lunchroom, gymnasium and space for extra-curricular and after school activities to occur.

In order for space to function as a lunchroom, it needs to be large enough to contain a large number of students so that students can eat lunch at the same time thereby decreasing the number of lunch periods. This ensures that students can still function at the end of the day by not having had lunch at a time when it might still be considered breakfast nor having it too late where they are hungry and cannot focus.

In order to function as a gymnasium, it needs to be large enough to combine classes yet be able to be divided for smaller group activities.

## RECREATION SPACE

STAFF REQUIRED: Teachers supervise students.

Create two (2) types of recreation spaces, indoor and outdoor.

To support the school's physical education program, an indoor gymnasium and outdoor recreation areas are required. The first recreation type is the indoor gymnasium, recreation space for when there is inclement weather. The multipurpose room will be utilized as a gymnasium for indoor recreation. The second type is an outdoor space. It can be utilized when the weather permits outdoor activities. Rooftop recreation areas will be used for outdoor recreation space.

## LIBRARY

**STAFF REQUIRED:** One (1) librarian per library

Librarians to maintain and run libraries. Librarian will also assist teachers, as necessary.

The library plays an important role within the school and should welcome a wide range of functions from quiet individual reading, research, small lectures, video screenings and teacher meetings. The library is used for both lending of books and research, and supports group activities. The layout should be flexible so as to allow it to be rearranged into small conference areas, lecture spaces or teaching spaces. Acoustics are of primary importance. Adequate natural and artificial light is required.



## OTHER SPACES – CORE USES

## LOBBY

STAFF REQUIRED: One (1) security guard

Create lobby at the main building entrance. This will be the entrance accessible to visitors during the school day.

## HORIZONTAL CIRCULATION

STAFF REQUIRED: None

Create corridor systems that is compact and uncomplicated. Corridors should be internally located so that area with natural light can be allocated to classrooms.

## BATHROOMS

STAFF REQUIRED: None

Locate bathrooms where easily accessible from stair cores when possible. They should also be located near classrooms.

## PROPOSED FLOOR PLANS

### DIAGRAMMATIC REPRESENTATIONS

It is imperative that diagrams provide an understanding of the building as a whole. To that end, the floor plans will be presented in two different formats. The first, labeled *Floor Plans at a Glance*, will show just that. The floor plan will be presented as a whole, but the dimensions and other extraneous information will be removed. The plans will be color coded with appropriate identification on a legend. The floor plans represented in this section are at the same scale. In other sections, diagrams will be other scales depending on what they are trying to convey.

The second set of plans show the main spaces magnified and how they will be used.


### SPACES OMITTED


Due to the space restrictions, program requirements had to be modified. While the Tier One and Tier Two spaces have been included in the layout, some of the Tier Three spaces were omitted while others were assigned to spaces which could support a dual use. The uses which are still necessary will take place in one of the assembly spaces when not in use for its intended purpose.

## FLOOR PLANS AT A GLANCE


The following represents the floor plans at a glance. Doing this helps to give a more accurate picture of space uses in the school and how they are situated in relation to each other. The following legend applies to all diagrams. A brief program note for each floor will be given followed by the floor plans.


## LEGEND

 ASSEMBLY SPACE

 OFFICE

 CLASSROOM

 SPECIALTY CLASSROOM

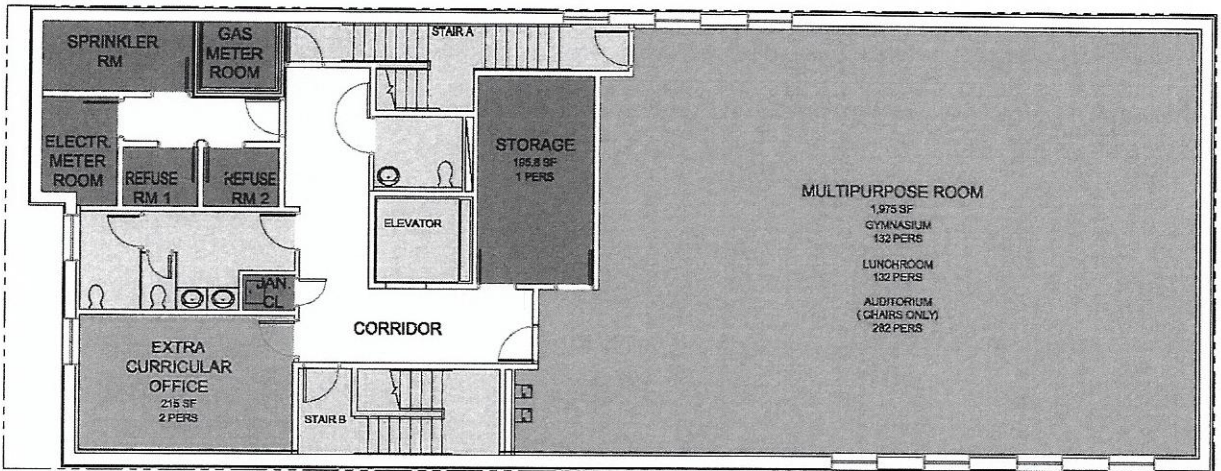
 CORRIDORS, WALLS, STRUCTURE

 TOILETS

 MECHANICAL/STORAGE

 VERTICAL CIRCULATION

The spaces as described by the legend are categorized in a way as to best understand how the building is being utilized. The areas marked as assembly spaces are areas where a large group of people congregate but does not fall under any category, for example, the teacher's room. Classrooms are rooms of instruction for the standard courses being taught, such as mathematics and English. Rooms used for specialty subjects are covered by specialty classrooms, such as home economics. The security desk, although it is not an office, it is grouped with offices as it will be a space where the security officer will spend the majority of the time. The waiting area and lobby are classified as a corridor space as it is a transitory area where people, if located there, will only be at this location for a provisional amount of time.



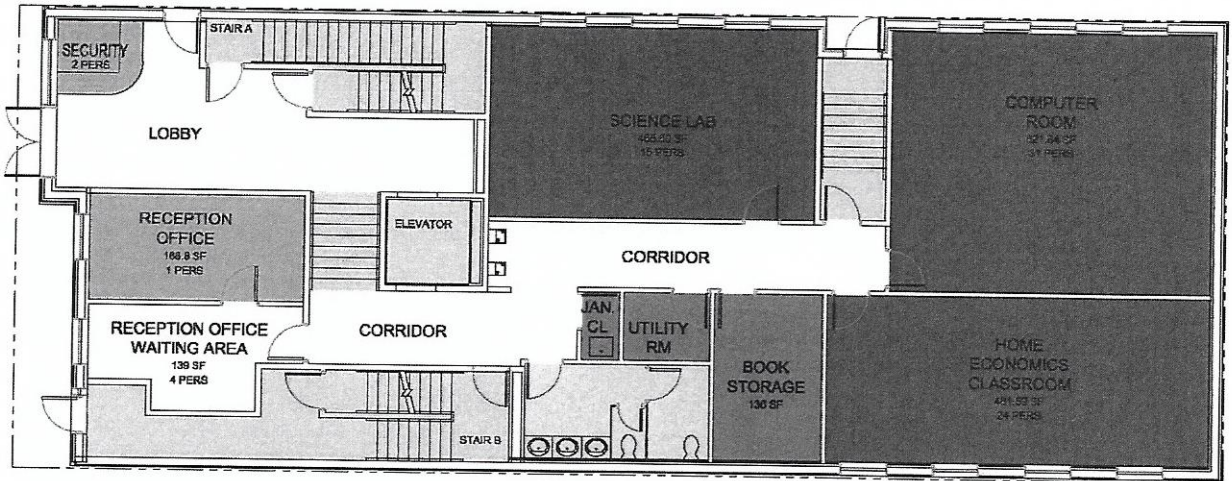
### CELLAR FLOOR PLAN – PROGRAM NOTE

This floor houses mechanical areas, extracurricular office and a multipurpose room. The multipurpose room will have a capacity of one hundred and thirty-two (132) people, calculated at fifteen (15) square feet per person, when used as a lunchroom. This would allow for two lunch periods each day.

The multipurpose room will also be used as a gymnasium. Although room occupancy per NYC Building Code is 132 persons, calculated at fifteen (15) square feet per person, for practical purposes the actual occupancy when used as a gymnasium will be fifty-five (55) students. This will allow approximately thirty-five (35) square feet per student, sufficient space for movement, depending on what activity is taking place. The 2014 New York City Building Code allows fifty (50) square feet for exercise room, the IHRSA (International Health, Racquet and Sportsclub Association) suggests twenty seven (27)-square-feet-per-member for multipurpose facilities and “Each member should be provided between 40 and 60 square feet of space at any given time in the group exercise room, and between 25 and 50 square feet per piece of equipment on the fitness floor.”<sup>6</sup>

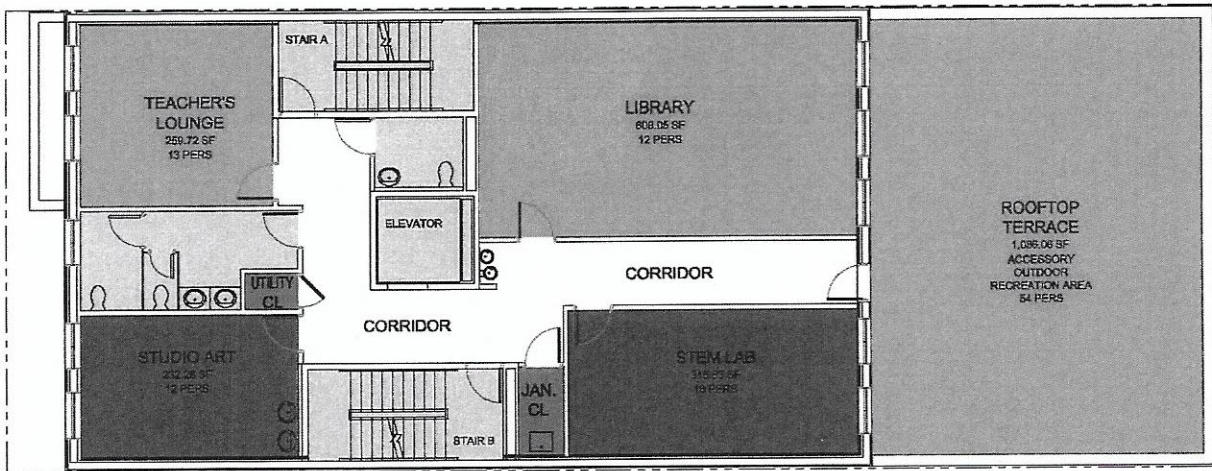
The multipurpose room will also be used as an auditorium for assemblies, with a maximum capacity of two-hundred and eighty-two (282) people, calculated at seven (7) square feet per person.

<sup>6</sup> (Rhodes)



### FIRST FLOOR PLAN – PROGRAM NOTE

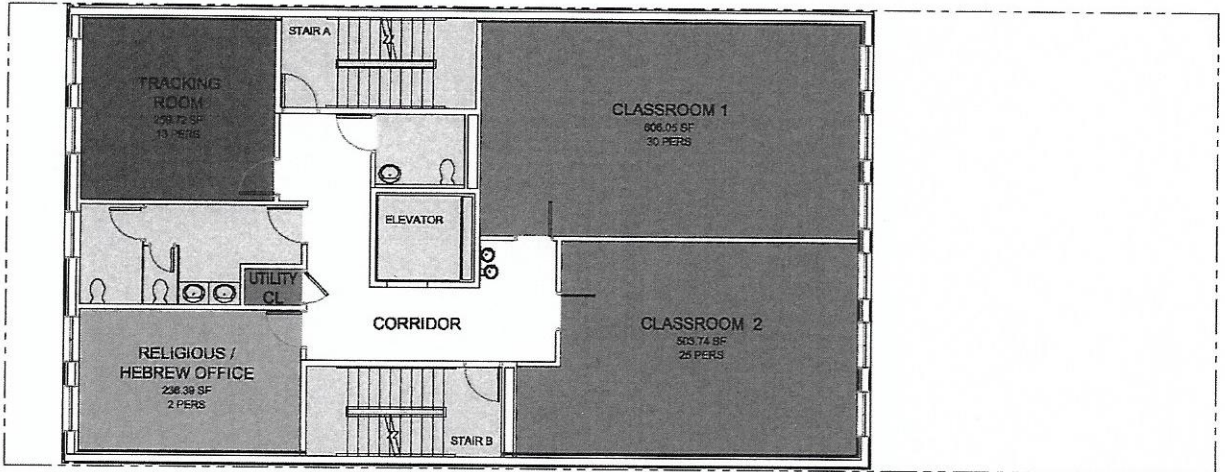
The first-floor main entrance on Nostrand Avenue will be used by students and visitors to the building. The high school students will also use the side entrance on Nostrand Avenue to exit the building at the end of the school day. Security will be posted at the main entrance covering both the entrance on Nostrand Avenue and the side entrance leading to the elementary school building. The reception office will be located on this floor in order to limit the public's access to the rest of the building. Visitors wanting to visit other offices throughout the building must visit the reception office for an escort to other locations. Visitors to the building who may need access to other areas of the school will be escorted to the waiting area by security until a staff member comes down to escort them to other floors and their final location. The first floor will also house three specialty classrooms and a book storage room.



### SECOND FLOOR PLAN – PROGRAM NOTE

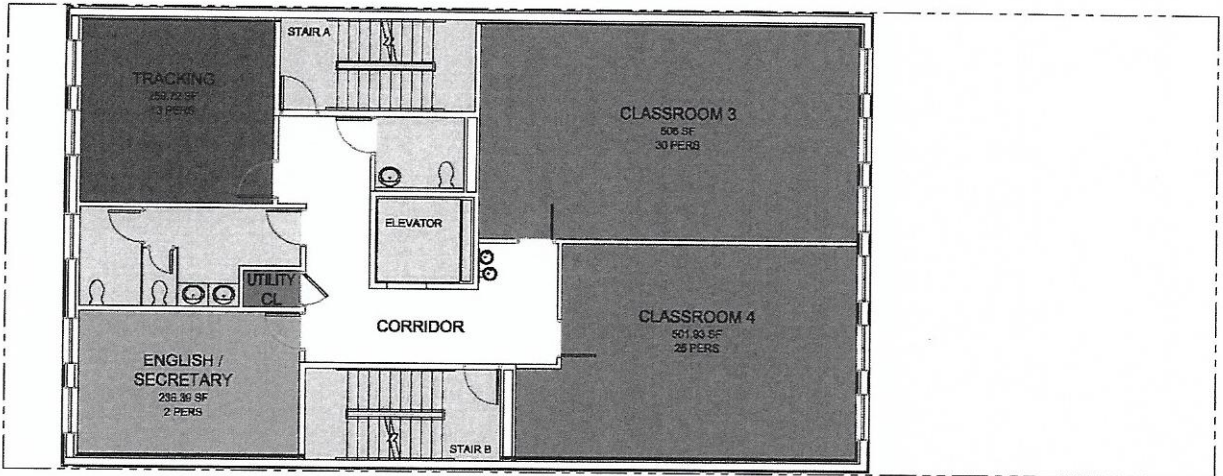
The second floor has a variety of functions. It houses the STEM lab, studio art room, teacher's lounge and library. The library will be well-equipped with research and reading materials for research and preparation of reports as well as accommodating a variety of learning activities. Lectures, discussions, group and individual study will also take place there.

There is an exterior roof top terrace which the students can use for recreation or outdoor study when weather allows. The recreation area will only be used during daylight school hours and will not be lighted, with the exception of emergency lighting. If any mechanical equipment is placed on the roof will be fenced off, so that students cannot access equipment.



### THIRD FLOOR PLAN – PROGRAM NOTE

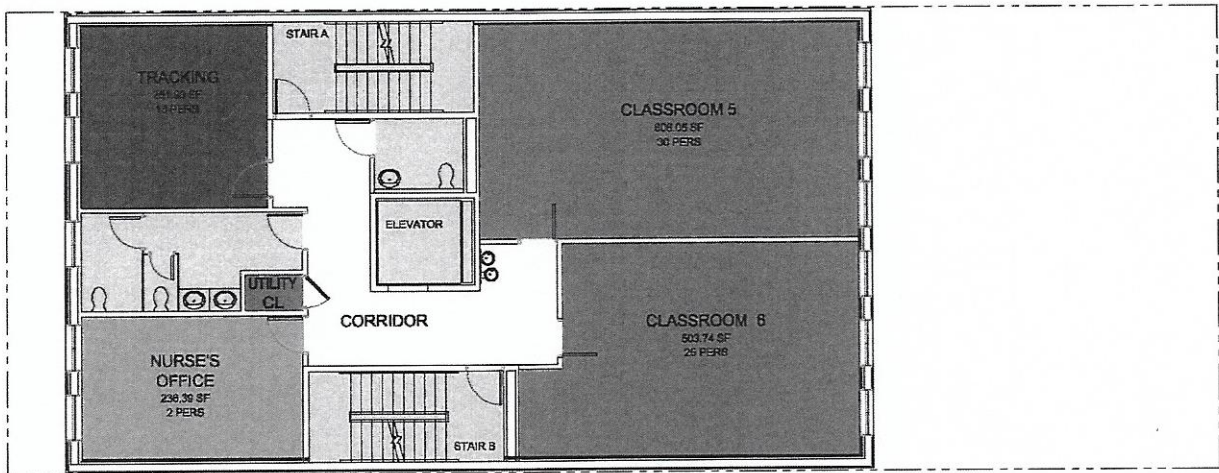
The third-floor houses two general classrooms, a tracking room, as well as the Religious/Hebrew principal's office. The classrooms, which are designated for the ninth-grade students, are separated from the other spaces by the circulation core.



#### FOURTH FLOOR PLAN – PROGRAM NOTE

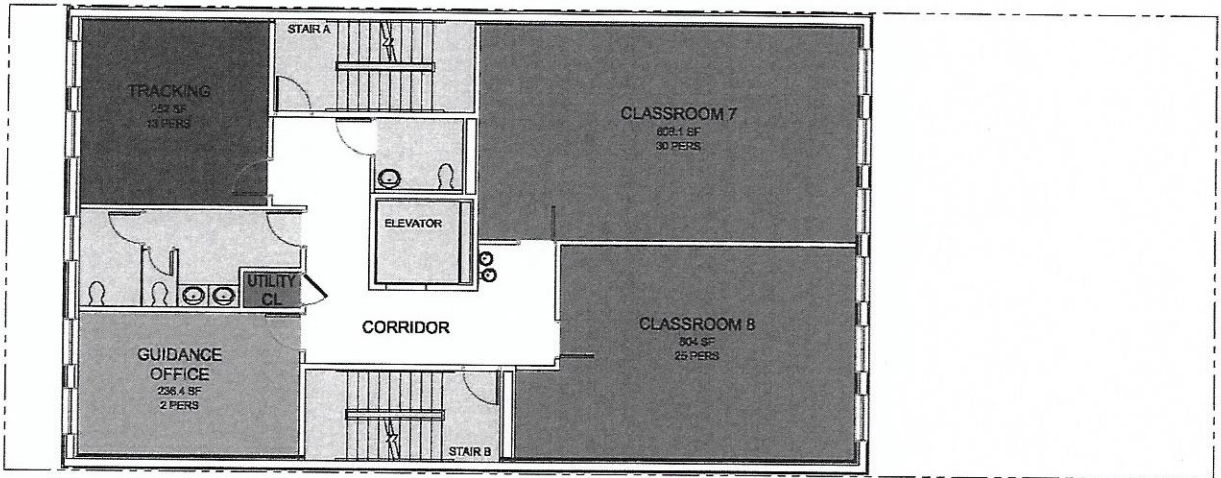
The fourth-floor houses two general classrooms, a tracking room and the Secular/English principal's office. The classrooms, which are designated for the tenth-grade students, are separated from the other spaces by the circulation core.





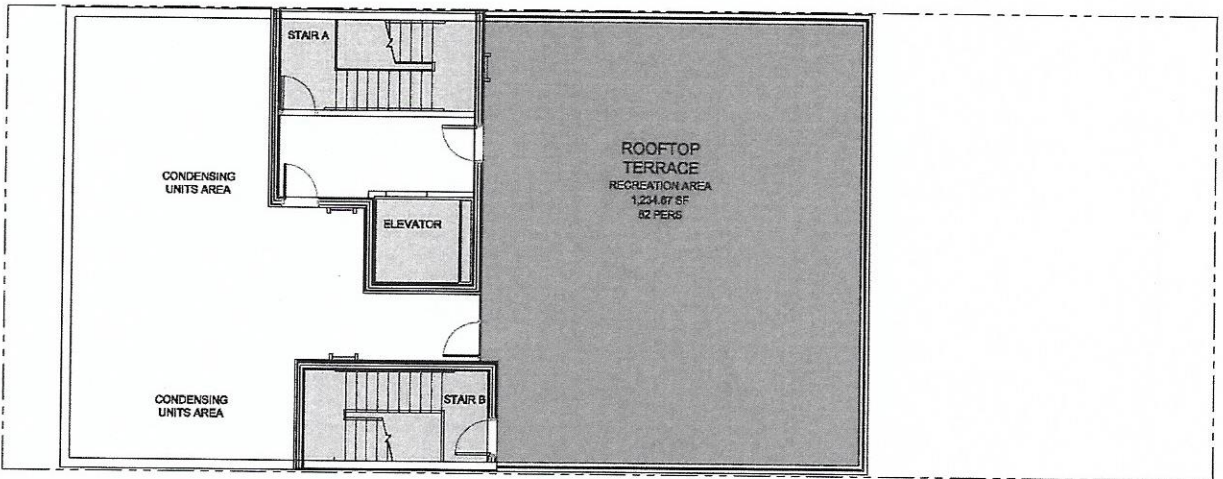
### FIFTH FLOOR PLAN – PROGRAM NOTE

The fifth-floor houses two general classrooms, a tracking room and the nurse's office. The nurse's office is located off staircase "B" so that any student that needs to be transported to a hospital or needs to be sent home can do so quickly and efficiently. The classrooms, which are designated for the eleventh-grade students, are separated from the other spaces by the circulation core.



### SIXTH FLOOR PLAN – PROGRAM NOTE

The sixth-floor houses two general classrooms, a tracking room, and the guidance office. The classrooms, which are designated for the twelfth-grade students, are separated from the other spaces by the circulation core.



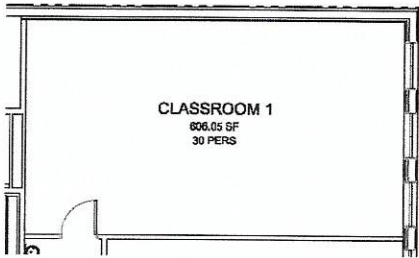
### ROOF PLAN – PROGRAM NOTE

The rear portion of the roof will be used as a roof-top recreation area. The roof will have a minimum six (6) foot high fence over a minimum four (4) foot high parapet wall all around the perimeter of the area to be enclosed. The recreation area will only be used during daylight school hours and will not be lighted, with the exception of emergency lighting. If any mechanical equipment is placed on the roof will be fenced off, so that students cannot access equipment. Roof to comply with New York City Fire Code requirements regarding rooftop access and obstructions.

## FLOOR PLANS - SPACE DESCRIPTIONS

## ROOMS OF INSTRUCTION

## CLASSROOMS



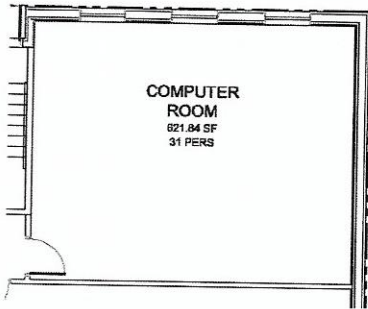
Example shown, not typical. Total number of general/homeroom classrooms grades 9-12: eight (8)  
 - Two general classrooms per grade. The total number of students per grade will be a maximum of fifty-five (55) per grade, total occupancy of two hundred and twenty (220) students.

High School classrooms are located on the third through sixth floors of the building. High school students tend to spend almost all of their time at their desks. When students break into smaller groups for elective classes, or for tracking, four (4) additional smaller classrooms will be utilized for these groups (one smaller classroom per grade). Additional specialized classrooms will include a STEM lab, science lab, home-economics room, studio art room, and a library for lectures and research.

This proposal will limit the maximum number of high school students per classroom to thirty (30) students.

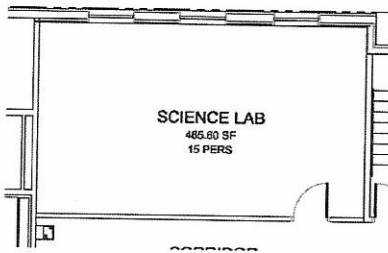
SPECIALIZED ROOMS OF INSTRUCTION

COMPUTER ROOM



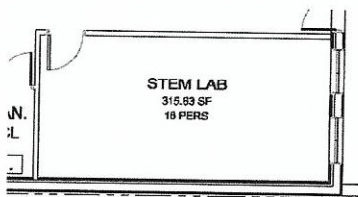
The computer room is located on the first floor. This room is necessary for computer classes that promote computer literacy and provide students who do not have access to a computer at home a place to do research and to write up reports.

SCIENCE CLASSROOM/LAB



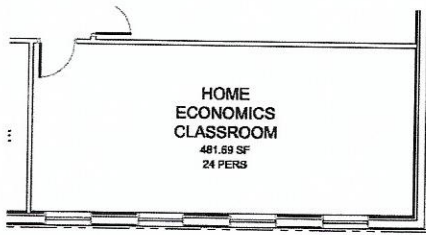
The science classroom/lab will be located on the first floor. The lab will provide hands on education in the sciences and allow a place where experiments can be performed safely.

STEM LAB



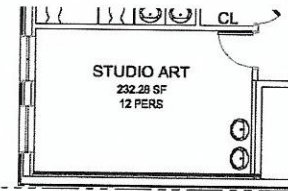
The STEM lab will be located on the second floor. The STEM lab is small to accommodate small group sizes for more individual attention. The STEM lab provides hands on education in STEM subjects and allows a place where hand-on projects can be performed.

## HOME ECONOMICS CLASSROOM



The home economics classroom is located on the first floor. This room is for hand-on classes that promote practical life skills, such as cooking, sewing and practical life skills.

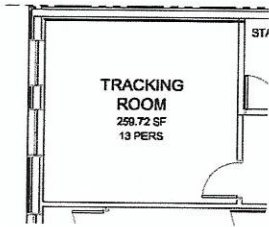
## STUDIO ART CLASSROOM



The studio art classroom is located on the second floor. This room is used for visual arts classes.

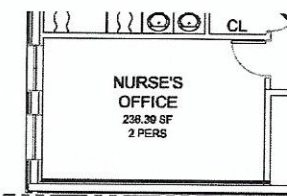
## SUPPORT SPACES

## TRACKING ROOMS



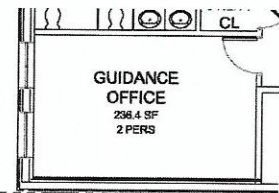
Sample shown, not typical. There are four (4) classrooms designated as “tracking rooms”, for remedial or advanced classes. These rooms are located on the third, fourth, fifth and sixth floors of the building. Teachers are part time or full-time teachers. These classrooms are used for subjects in which students are divided into smaller groups based on course difficulty, with tracks such as basic, remedial or advanced level. Sample room shown.

## NURSE'S OFFICE



The nurse's office is located on the fifth floor. The nurse will provide first aid treatment and will evaluate medical conditions. If the need arises the nurse will contact parents or refer ill or injured students to the hospital. The nurse's office is located near the stairs which will allow ambulance workers to exit the building without alarming the students.

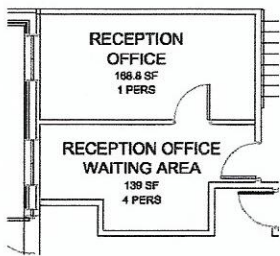
## GUIDANCE COUNSELOR



The guidance counselor's office will be located on the sixth floor. It is easily accessible to students, yet its location near the stairs allows for privacy. The guidance counselor is responsible for guidance, referrals, and counseling for students and families. This office is especially important for high school students. The counselors will assist students and families.

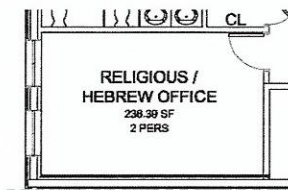
## OFFICES

## FIRST FLOOR OFFICE



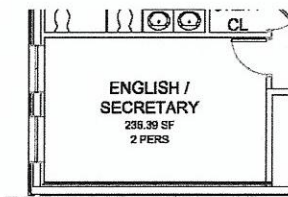
The reception office is located on the first floor off the main entrance. Unless visitors are escorted directly to their final destination, they wait in the waiting area until they are escorted to their destination. This is the location where students go when they need information or to call their parents. It is also where the teachers check in and out and where secretarial staff is located.

## RELIGIOUS / HEBREW OFFICE



The religious/Hebrew office is located on the third floor off the circulation core. This is the office for the Hebrew and religious instruction principal.

## SECULAR / ENGLISH OFFICE



The secular/English office is located on the fourth floor off the circulation core. This is the office for the Secular/English principal and teachers. Among their duties, principals develop and manage the general school routine of the high school students and coordinate all activities within the school and within various grades. They also work closely with the guidance counselor to make sure students have the required credits and exams needed to graduate high school.

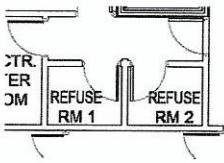
## UTILITY ROOM



The custodian and his staff are responsible for maintaining the building and keeping its mechanical systems running. Utility closets are located on every floor with the exception of the cellar floor. The custodian dispatches his staff whenever they are needed. Sample shown, not typical.

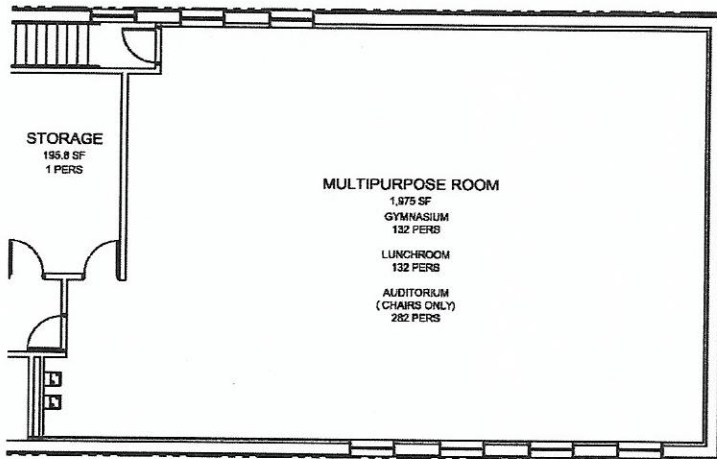


## REFUSE



The perishable waste holding area is a refrigerator where perishable leftovers and trash are stored prior to garbage pick-up, it is located on the cellar level adjacent to the dry refuse storage area. It is accessible via the stairs and elevator to the main level and side exit which allows for easy access to the outside. Non-perishable trash, boxes and other recyclable materials are held in the dry refuse storage area until trash pick-up days when it is taken curbside. The refuse room's capacity allows for storage for several days.

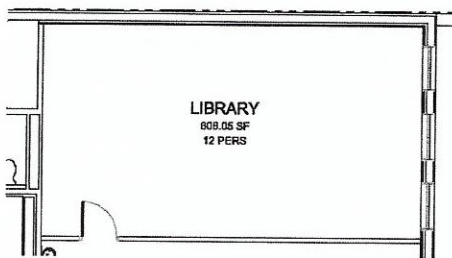
PLACES OF ASSEMBLY  
MULTIPURPOSE ROOM



The cellar multipurpose room will be used as a lunchroom on a daily basis, with two 40-minute lunch periods to accommodate all classes. The room is large enough to accommodate half of the projected student capacity each lunch period. It will be a place where students eat their bagged lunches. As this building has no kitchen,

students will be bringing their lunches with them. The multipurpose room will also be used as a gymnasium. It will large enough to accommodate two classes for gym (55 students) or the space can be subdivided for smaller group activities. When utilized for gym/ physical education by two classes, square footage allocated is thirty-five (35) square feet per student. The multipurpose room will also be used as an auditorium for school assemblies, with a maximum capacity of two-hundred and eighty-two (282) people, calculated at seven (7) square feet per person.

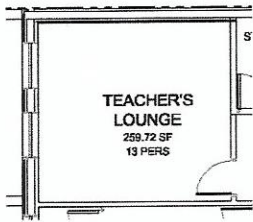
LIBRARY



The Library will be located on the second floor. It will be well-equipped with research and reading materials. It will accommodate a variety of learning activities, layout flexibility will allow for different group sizes and modes of learning, including lecture, discussion, group and individual study. It will also be a reference library for use by the high school students for research

and preparation of reports.

TEACHER'S ROOM



The teacher's room will be located on the second floor. This is a place for teachers to grade papers, have lunch and pick up mail and copies.

SUMMARY OF SPACES  
 BREAKDOWN OF SPACES

The following table allocates the main spaces and shows how they occupy each floor along with the number of people allowed per use. The total building space calculated per person is 89.41 square feet. As shown, each space has its own amount of square footage allotted. Plans will be filed with the New York City Department of Buildings and will meet New York City Building Code requirements. The spaces proposed meet or exceed the minimum requirements mandated by the 2014 New York City Building Code per Table 1004.1.1 Occupant Load Requirements. See page 89 of this report.

SUMMARY OF USES									
SPACE	TOTAL FLOOR AREA	SF PER PERSON	CELLAR	FIRST FLOOR	SECOND FLOOR	THIRD FLOOR	FOURTH FLOOR	FIFTH FLOOR	SIXTH FLOOR
CLASSROOM	4437.35	20.17	0	0	0	1109.79	1107.98	1109.79	1109.79
TRACKING	1022.3	4.65	0	0	0	259.72	258.72	251.93	251.93
SPECIALTY CLASSROOMS	2117.07	9.62	0	1569.16	547.91	0	0	0	0
ASSEMBLY SPACES	2980.32	13.54	1975.55	465.02	865.77	0	0	0	0
OFFICES	1374.7	6.25	215.83	213.31	0	236.39	236.39	236.39	236.39
MECHANICAL & STORAGE	736.45	3.34	430.97	198.99	44.21	15.57	15.57	15.57	15.57
TOILETS	1186.09	5.39	188.83	132	143.74	145.4	192.04	192.04	192.04
VERTICAL CIRCULATION	2571.86	11.69	338.29	581.85	328.78	328.78	328.78	332.69	332.69
CORRIDORS	2145.23	9.75	312.72	336.94	418.36	266.97	268.72	270.76	270.76
EXTERIOR WALLS	3008.06	13.67	548.86	513.78	427.90	414.05	368.47	367.50	367.50
TOTAL AREA	21579.43	98.09	4011.05	4011.05	2776.67	2776.67	2776.67	2776.67	2776.67

The total number of people on the chart exceeds the actual total number of people utilizing the school at any given time. This is due to the fact that some rooms are non-simultaneous use spaces. These rooms will be occupied at various times by the students and staff who are otherwise counted in classrooms. The table above, although correct, does not give an accurate distribution of spaces.

## CLARIFICATION

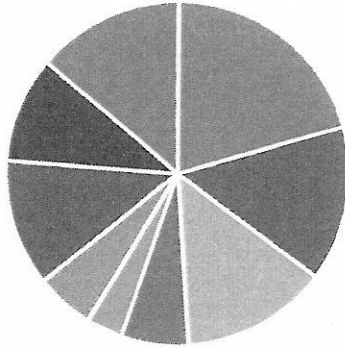
In order to keep the table above as concise as possible, several related uses were grouped together. Uses that are associated with other uses were grouped with like uses. Any storage related use, whether book storage, record storage or janitorial supplies were grouped into the category of storage. 'Other classrooms' include specialty classrooms and tracking rooms which are used as a classroom when additional instruction space is needed. When calculating the square footage per space the maximum number of students was used.

It would appear that the teachers' room might not be able to accommodate all of the teachers, however teachers come and go throughout the school day and they don't all occupy the teacher's room at the same time. Some of the teachers in the specialty classrooms, such as science teachers, may also spend extra time in their own spaces. Teachers may stay in their classrooms while their students are at lunch or gym. Office staff may or may not use these rooms, thereby decreasing the number of persons in these spaces.

The specialty classrooms, assembly spaces and tracking rooms are non-simultaneous spaces, servicing the same students who occupy the general classrooms. These rooms are occupied by smaller groups of students getting specialized instruction. Instructors work throughout the day; they pull students out of their classes to give them more focused instruction individually or in small group settings in academic areas in which they may have a weakness. The square footage per student may be misleading as it is calculated as square footage for total students instead of by student at any given time. The square footage per person was taken as the square footage per person in the building at a given time. Although this number is correct it cannot be used as a guide. For example, all of the faculty will not be in the classrooms at the same time. It is used as a guide. The square footage per space were calculated as required by 2014 New York City Building Code Occupant Load Requirements Table 1004.1.1.

For the purpose of assigning one use for the multipurpose room on the table on the previous page, the square footage per person for the assembly spaces was based on the total number of students, two hundred and twenty (220). As with the other rooms, the maximum number of persons allotted per space should be as per plan.

## BUILDING SPACES



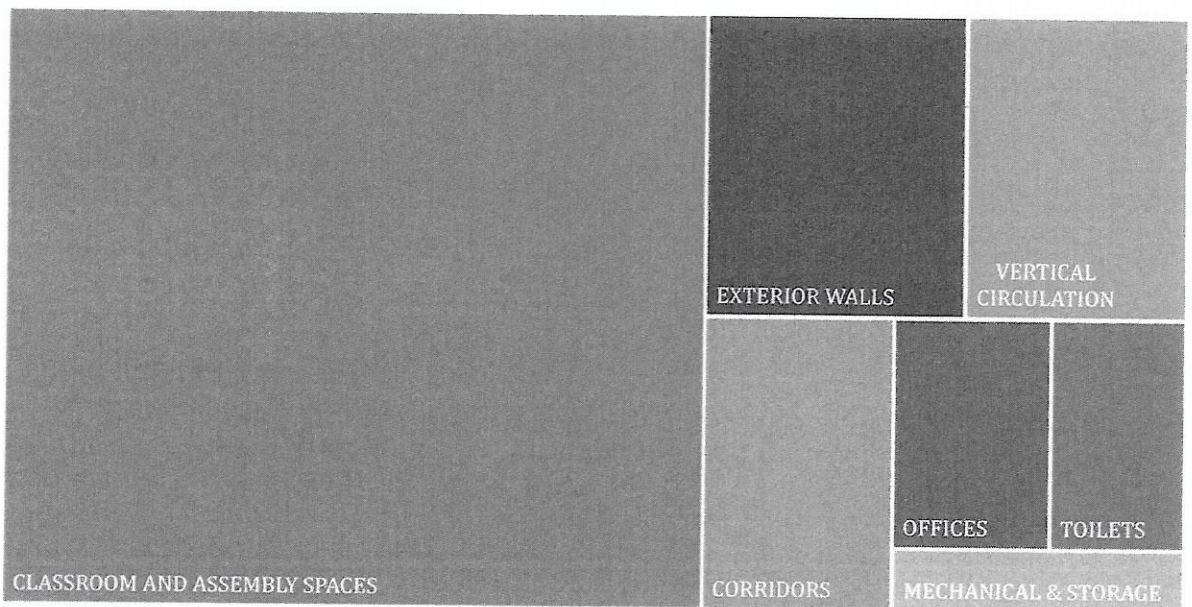
- ▣ CLASSROOM
- ▣ ASSEMBLY SPACES
- ▣ MECHANICAL & STORAGE
- ▣ VERTICAL CIRCULATION
- ▣ EXTERIOR WALLS
- ▣ OTHER CLASSROOMS
- ▣ OFFICES
- ▣ TOILETS
- ▣ CORRIDORS

The *Building Spaces* pie chart was created to show how square footage is allocated throughout the building. It shows the total allocation of types of spaces by percentage and allows even smaller spaces to be easily seen.

The tree map chart below illustrates how much space is allocated to areas where the students spend the majority of their time. The other areas are not necessarily used constantly by the students yet are essential to the running of the school. These spaces include, but are not limited to, horizontal and vertical circulation, bathrooms and storage spaces.

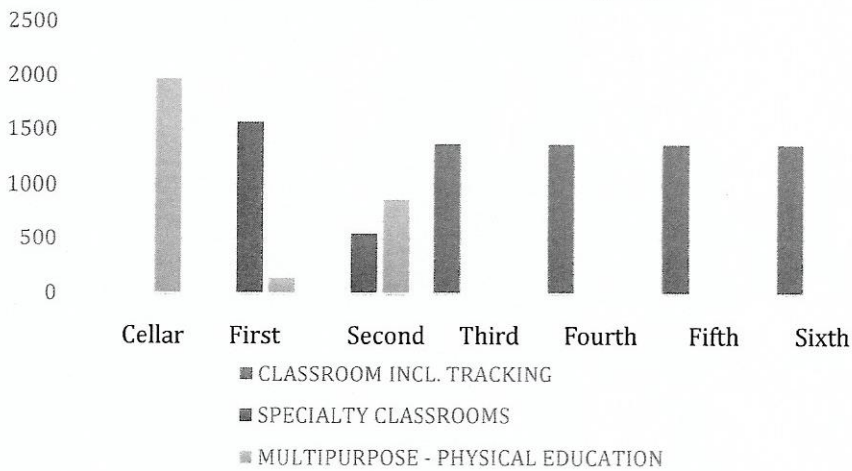
STUDENT SPACES VS OTHER USES

- CLASSROOM AND ASSEMBLY SPACES
- MECHANICAL & STORAGE
- VERTICAL CIRCULATION
- EXTERIOR WALLS
- OFFICES
- TOILETS
- CORRIDORS



The graph below shows the distribution of square footage of instruction space, i.e. the amount of square footage allocated on each floor for classroom learning. Tracking rooms are used for classroom learning so they were included with the general classrooms. The library is used for individual study and research, so it was grouped with the multipurpose rooms. The gym/multipurpose room will be used for physical education classes and activities.

**Square Footage Per Classroom/Learning Space**



The square footage occupied by students meets or exceeds the minimum requirements mandated by the 2014 New York City Building Code per Table 1004.1.1 Occupant Load Requirements.



# REFERENCED MATERIALS

TABLE 1004.1.1  
MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

FUNCTION OF SPACE	FLOOR AREA IN SQ. FT. PER OCCUPANT
Agricultural buildings	300 gross
Aircraft hangars	500 gross
Assembly	
Gaming floors (keno, slots, etc.)	11 gross
Exhibit gallery and museums	30 net
Assembly with fixed seats	See Section 1004.7
Assembly without fixed seats	
Concentrated (chairs only—not fixed)	7 net
Dance floor	5 net
Dance floor (ballroom)	10 net
Standing space	5 net
Unconcentrated (tables and chairs)	15 net
Bowling centers, allow 5 persons for each lane including 10 feet of runway, and for additional areas	7 net
Business areas	100 gross
Courtyards – other than fixed seating areas	40 net
Day Care	
Age under 6 months	30 net
Age 6 months – 2 years	40 net
Age 2 years – 6 years	30 net
Age above 6 years	30 net
Dormitories	50 gross
Education	
Classroom area	30 net
Shops and other vocational room areas	30 net
Kindergarten and pre-kindergarten	30 net
Elementary rooms	50 gross
Gymnasiums	15 net
H-O Fabrication and manufacturing areas	200 gross
Industrial areas	100 gross
Instructional areas	
Inpatient treatment areas	140 gross
Outpatient areas	100 gross
Sleeping areas	120 gross
Kitchens, commercial	200 gross
Library	
Reading rooms	30 net
Stack area	100 gross
Locker rooms	50 gross
Mercantile	
Areas on other floors	50 gross
Basement and grade floor areas	30 gross
Storage, stock, shipping areas	300 gross
Parking garages	200 gross
Passenger terminal	
Baggage claim	20 gross
Baggage handling	300 gross
Concourse	100 gross
Passenger terminal or platform	1.5 sq. ft.*
Waiting area (Standing)	15 gross
Waiting areas (Seated)	5 net
Residential	200 gross within dwelling units
Skating rinks, swimming pools	
Rink and pool	50 gross
Decks	15 gross
Stages and platforms	15 net for performing area and 50 net for seating area
Accessory storage areas, mechanical equipment rooms	300 gross
Warehouses	500 gross

\* Capacity of all passenger vehicles that can be unloaded simultaneously.  
For 50' x 90' square foot = 0.0025 sq. ft.

The number of people in the spaces proposed on the plans was calculated using Table 1004.1.1 of the 2014 New York City Building Code. The rooms that are re-purposed as dual space uses have two different numbers on the space. The maximum amount of people allowed in the space depends upon which use is at that time.

# CURRICULUM, RECREATION AND SERVICES

## CURRICULUM

Lev Bais Yaakov High School is a registered high school with the New York State Board of Regents, as such it has been reviewed and visited by NYSED staff and the Board of Regents has determined that it is providing substantially equivalent instruction per New York Education Law §3204, §3205, and §3210.

Lev Bais Yaakov High School provides educational instruction substantially equivalent to that provided in New York State public schools. The school provides instruction only by competent teachers.

The school's courses of study and of specialized training beyond the first eight years of full-time study (Grades 9-12) provides for instruction required by NYSEL, including the English language and its use, in civics, hygiene, physical training, and American history including the principles of government proclaimed in the Declaration of Independence and established by the constitution of the United States, as well as science and mathematics instructions. In the teaching of the subjects of instruction required by NYSEL, English is the language of instruction, textbooks used are written in English.

In addition to providing the educational curriculum required of all schools in New York State, students receive additional Jewish studies instruction. Since the school's students receive both religious and secular instruction, they often spend at least twice the amount of time in school as public school students receiving only a secular education.

## RECREATION

Recess scheduling is staggered throughout the day to allow use of recreation spaces by all grades. Recess activities are focused on promoting physical activity. Indoor recreation takes place in the cellar level gymnasium. Outdoor recreation will take place in the rooftop outdoor areas on the second floor and sixth floor rooftop when weather permits.

### THE SCHOOL CYCLE

The school year is ten months long, September to June. The school does not operate during the summer months.

### SERVICES

The school maintains relationships with other institutions and agencies in the community that provide support services to the school's families and makes appropriate referrals for other services when necessary.

## SCHEDULING OF CLASSES

### THE MODEL

Lev Bais Yaakov High School is a private educational institution and is part of the Congregation Lev Bais Yaakov, Inc. school which has been educating children since 1997. Congregation Lev Bais Yaakov, Inc. is a NYSED recognized school for grades K-12. The pre-school, elementary and middle school is located in the adjacent building. Students have been provided with a high-quality school curriculum intergraded with physical, social, emotional, intellectual, linguistic and aesthetic programs.

### RECESS/BREAKS

When students have free periods such as study hall, during lunch and before and after class, the students will be using the student lounge, the library/learning area or the rooftops. Space is sufficient for several students to use these spaces. Students would be also able to check out books and go across the hall to use them in the student lounge.

## STUDENT TRANSPORTATION

The students and teachers of Lev Bais Yaakov High School rely on different forms of transportation. The school's enrollment is primarily drawn from nearby neighborhoods in Brooklyn. As is general practice in New York City, high school students primarily take public transportation.

### PUBLIC TRANSPORTATION

The Lev Bais Yaakov High School is located in close proximity to New York City public bus routes with a bus stop on the block on Nostrand Avenue. On Nostrand Avenue on Avenues "V" and "W" are the B36 and the B44 busses. The BM3 bus runs along Avenue "X" and the B3 runs along Avenue "U". Students who need to take the train will take the "Q" train which runs along East 16<sup>th</sup> Street and transfer to one of the bus lines.

### ARRIVAL AND DEPARTURE

High School students arrive at school at 8:30 am and depart at 5:00 pm. With only a few exceptions, almost all of the students in the high school travel to and from school via public transportation.

## CORRIDOR CIRCULATION

### ARRIVAL AND DISMISSAL

The arrival and dismissal process is an efficient system which has been proven to work, thus Lev Bais Yaakov will continue to implement it. The floors are designed so that each floor is laid out with two stairwells and a center corridor. This straightforward design allows for full space utilization and maximization of window area.

When the students arrive they will enter through the main entrance. They will then utilize both staircases in order to relieve congestion.

THE LUNCHROOM

Lunch sessions will be scheduled in two shifts, allowing all students to eat at a reasonable time, neither too early nor too late. Lunch periods are broken up into two 40-minute sessions in order to accommodate the entire high school. After eating lunch, students go to recess or to their next classes while the lunchrooms and other accessory spaces are swept and prepared for the next group of students.

The following table shows when the students will eat lunch. The maximum number of students calculated for each space, regardless of its dual use, is calculated as per Table 1004.1.1 of the 2014 New York City Building Code. When spaces are used for lunchroom, which code describes as *unconcentrated table and chairs*, 15 square feet per person was allotted.

BREAKDOWN OF STUDENTS BY LUNCH PERIOD		
TIME	GRADE	NUMBER OF STUDENTS
12:30	9TH GRADE	30
	9TH GRADE	25
	10TH GRADE	30
	10TH GRADE	25
1:15	11TH GRADE	25
	11TH GRADE	30
	12TH GRADE	25
	12TH GRADE	30
<b>TOTAL STUDENTS</b>		220

The maximum capacity of the cellar level multipurpose room when used as a lunchroom will be one hundred and thirty two (132) persons.

FACULTY

BREAKDOWN OF FACULTY BY FLOOR		
FLOOR	SERVICE	NUMBER OF STAFF
CELLAR	EXTRA CURRICULAR ACTIVITIES	1
FIRST FLOOR	SECURITY	1
	RECEPTIONIST	1
	SCIENCE TEACHER	1
	COMPUTER TEACHER	1
	HOME ECONOMICS TEACHER	1
SECOND FLOOR	ART TEACHER	1
	STEM LAB TEACHER	1
	LIBRARIAN	1
THIRD FLOOR	HEBREW SECRETARY	1
	HEBREW PRINCIPAL	1
	CLASSROOM 1 TEACHER	1
	CLASSROOM 2 TEACHER	1
	TRACKING TEACHER	1
FOURTH FLOOR	TRACKING TEACHER	1
	ENGLISH PRINCIPAL	1
	ENGLISH SECRETARY	1
	CLASSROOM 3 TEACHER	1
	CLASSROOM 4 TEACHER	1
FIFTH FLOOR	NURSE	1
	CLASSROOM 5 TEACHER	1
	CLASSROOM 6 TEACHER	1
	TRACKING TEACHER	1
SIXTH FLOOR	CLASSROOM 7 TEACHER	1
	CLASSROOM 8 TEACHER	1
	TRACKING TEACHER	1
	GUIDANCE COUNSELOR	1
TOTAL STAFF		27

This table shows the breakdown of faculty by floor. There are departmental teachers for secular studies and for religious studies. As the Lev Bais Yaakov High School is part of a campus, some teachers, administrators and the custodial staff will not be included in the staff count as they will spend the bulk of their time in the adjacent building. When needed these staff members will be called and return to the other building once their tasks are complete.



## DELIVERIES

### DELIVERIES

For the Lev Bais Yaakov High School, the chief priorities are the education of the students, both secular and religious, and the safety of its students. For the most part, deliveries are scheduled either before the students arrive or after they leave. This maintains order throughout the school day. Deliveries will arrive through the Nostrand Avenue main entrance door.

The school's security guard monitors the entrance. School supplies and other deliveries are approximately one or two truck deliveries per week.

## WASTE MANAGEMENT

### SCHEDULED PICK UP

Waste pick-up for the Lev Bais Yaakov High School site is provided twice a week by the New York City Sanitation Department (DSNY). It is picked up curbside on Nostrand Avenue and is scheduled for Mondays and Thursdays.

### RECYCLING

Lev Bais Yaakov High School site is scheduled for recycling pick-up on Thursdays. The school currently does not have a formal recycling plan. For the purpose of this report, all trash is calculated as waste, as it all is picked up curbside regardless of its content.

### PROBLEMS

In order to estimate how much trash will be generated and how it will impact the school, several things were taken into consideration.

- How much trash is generally created
- How to treat perishable trash which will give off a bad odor if it sits outside for a few days, especially in the warmer months
- How to store the trash until the scheduled pick up days

### TRASH GENERATED

In trying to estimate and document how much trash will be generated in the future several items were considered.

- How much trash is generated by the school today and how does the amount today determine future trash production
- How does the amount of trash translate into cubic feet

### HOW MUCH TRASH IS GENERATED

Lev Bais Yaakov is an Orthodox Jewish girls' school whose current student body will be divided between two buildings. The preschool, elementary school and middle school is in the adjacent building located at 3574 Nostrand Avenue, which is not the subject of this study, therefore will not be calculated into this section. The Lev Bais Yaakov High School, which is currently with the rest of the school, will be relocated into the new high school building. The calculations in this section will address the trash generation and storage needs of the new high school building, which is the subject of this study. In order to estimate the amount of trash generated other models need to be examined.

### HOW MUCH TRASH DO OTHER SCHOOLS GENERATE

The best way to calculate trash generation is to find a similar, established number and apply it to our current situation. To do this a study conducted in Minnesota by the Minnesota Pollution Control Agency was used. It compared six different schools from elementary to high school. It then took its results and averaged them out to see how much trash these schools were generating. Although the study was conducted to see how much they could reduce by recycling, it is of use here as it documents all trash collected.

The six schools compared totaled approximately 6,300 students where the smallest school had approximately 500 students and the largest had over 2,700 students.<sup>7</sup> The average of these schools then was estimated for 1052 students. Although this is over five times the size of the proposed high school, the number can be used to proportionally establish the amount of a smaller school. If we use the amount of trash per student, we can use that information to establish an approximate number for the proposed number of students.

Over a two-day period, the Minnesota schools accumulated 6000 pounds of garbage was collected from the six schools. That yielded 3000 pounds a day or .5 (3000/6300) pounds per student per day. In order to discover if this would be a viable number, the rough estimate used by the New York City Department of Sanitation (DSNY) for schools was consulted. They estimate four (4) pounds per week of refuse per student. This yields 880 pounds per week or 440 pounds per pick-up. Using the estimate from the Minnesota school, a school with a proposed capacity of Lev Bais Yaakov High School would yield one

---

<sup>7</sup> (Agency)

hundred and ten (110) pounds of trash per day or six hundred and sixty (660) pounds per six (6) day school week. As trash pick-up occurs twice a week and the school is open five days a week, this would be 330 pounds per pick-up. The DSNY number would yield a much higher incidence in trash collection. If we use the four pounds per student per week, that would yield eight hundred and eighty (880) pounds per week or four hundred and forty (440) pounds per trash pick-up. This number is larger so as to ensure that there is sufficient storage for waste, the larger number estimated by DSNY, will be used of trash per pick up.

### TRASH ANALYSIS

In order to establish what size trash storage area would be appropriate, several factors were considered, as discussed previously. The next question would be 'Why is this important?' Why not just bring the trash out on the scheduled days instead of accumulating it, or supply the exact space needed? The answer is not a simple one but can be explained mainly in four points. This report attempts to estimate the amount of trash which will be produced in the new high school building. Firstly, this school building is a new one at this location, and there is no existing data for comparison. Secondly, as there will be no kitchen or food service in this school building, thus additional food and food products are not being discarded. The students will bring their lunches with them some of whom will return home with their garbage in their lunch boxes. Thirdly, there may be other unforeseen circumstances, such as a sanitation strike, which would certainly lead to accumulated garbage. Finally, the space which is designated for trash, whether it be perishable or dry trash, will need some additional space for circulation inside of it and preferable would not be filled up to the ceiling. The calculations should at least yield a number which will hold three to four times the amount estimated to be required.

## CUBIC FEET ARE GENERATED

The trash collected in the Minnesota study was comprised of 35% paper, 24% food, 15% true trash and the other 25% was miscellaneous trash not falling into any category. If the amount were to be broken down, mixed paper (loose -construction, fax, manila, some chipboard)<sup>8</sup> 1 cubic yard per 363 pounds, Food waste (Produce waste, mixed, loose) gave 1 cubic yard per 1443 pounds.

The question remaining is, what would the rest be calculated as? The best way is to over-estimate. This would almost guarantee that there would not be too much of an overabundance of trash. For the purpose of this report, the larger number, number estimated by DSNY, will be used of trash per pick up.

Applying the percentages used by the Minnesota study as to percentage of perishables versus non-perishables would be flawed. The schools in the Minnesota study all have something this school does not have, a cafeteria. The numbers used as to poundage of refuse to storage space as well as to the percentage of food waste versus non-perishable trash can be utilized. The study showed

Food waste was 24% of total trash  
Calculated at 1 cubic yard per 1443

Paper waste was 35% of total trash  
Calculated at 1 cubic yard per 363 pounds

Municipal solid waste, commonly known as trash of total trash was 41% of total trash  
Calculated at 225 pounds per cubic yard.<sup>9</sup>

The DSNY computes 3000 pounds of refuse to take up 1.5 cubic yards. If all the trash was taken at the same weight it would yield  $880 / 3000 = 0.29$ . Since 3000 pounds is equal to 1.5 cubic yards, then  $0.29 \times 1.5 = 0.44$  cubic yards. The estimate of 0.44 cubic yards per pick up will be used for estimating purposes.

---

<sup>8</sup> (Diversion Study Guide, Appendix I)

<sup>9</sup> (Volume-To-Weight Conversion Factors)

## PERISHABLE TRASH

Perishable trash, after sitting in the hot sun may produce odors and attract insects and rodents, especially in the summer months. In order to alleviate this situation, a refrigerated perishable waste holding area will be provided. Its interior capacity will be 273.55 cubic feet (approximate usable area of 5'-0" wide by 6'-6" deep by 8'-5" high). It will be used by the school for enclosure and storage of biodegradable (food) waste, and will be located inside of the school building, on the cellar floor near the exit and the elevator.

When using the numbers from the Minnesota study, we need to consider that it worked for calculating overall garbage, but the study stated that half the schools in the study had other activities happening, which increased the amount of trash collected. One school had a large cooking event, one had collected trash from an athletic event and another school had a theater performance. As the school does not have a cafeteria, to try to determine a ballpark amount for organic material (perishable) waste, bagged lunches must be considered. Most of the items in a bagged lunch are perishable or should be considered for refrigeration, like milk containers. The average student carrying a packed lunch yields 67 pounds of waste each school year.<sup>10</sup> Although the typical school year is ten months, it averages to nine months after all the holidays are subtracted. Using nine months as opposed to ten will give us a larger number that that will aid in getting a number that would be an overestimate. That translates to:

$$67 \times 220 \text{ (students)} = 14740$$

$$14740 / 9 \text{ (months)} = 1638$$

$$1638 / 4 \text{ (weeks in a month)} = 409.50$$

$$409.50 / 2 \text{ (trash pick-ups per week)} = 204.75 \text{ pounds}$$

Refrigeration manufacturers, when looking at how much food fits in a freezer calculate that 1 cubic foot of freezer space holds 35 pounds of food. The minimum size of a refrigerated refuse space would need to accommodate approximately six (6) cubic feet.

This number can also be estimated as follows:

---

<sup>10</sup> (Green Quiz Answer - School Lunch Waste)

$204.75$  (pounds per pick up) /  $35$  (pounds in a cubic foot) = approximately  $5.85$  cubic feet needed per pick up.

The proposed refrigerated refuse space will have a capacity to hold  $273.55$  cubic feet of perishable food refuse. In order to determine how many pick-ups can be missed the numbers need to be divided. A total of approximately  $46$  pickups can be missed safely. This number can also be estimated as follows:

$273.55$  (reuse room capacity) /  $5.85$  cubic feet (required per pickup) =  $46$  pick-ups when completely full.

It should be noted that although the freezer can hold this amount, it is a room. Piling refuse up to its maximum capacity is not only impractical but does not take into account circulation inside the storage space. These numbers illustrate that several pick-ups can be missed.

#### NON-PERISHABLE TRASH

The non-perishable trash storage room will be located inside of the school building, on the cellar floor, in the same area as the refrigerated waste storage. This room will also be located near the exit and the elevator. This location near the main exit allows trash to be easily transferred to curbside on the afternoon prior to scheduled trash pick-up. The refuse room will have an interior capacity of  $273.55$  cubic feet (approximate usable area of  $5'-0"$  wide by  $6'-6"$  deep by  $8'-5"$  high).

School is in session five days per week, and trash collection will be twice a week, on Mondays and Thursday as per NYC Department of Sanitation schedule. Therefore, trash will accumulate over a maximum three-day period, from Monday through Wednesday. Using the numbers estimated by the DSNY, the average pick-up would yield four hundred and forty pounds of refuse or  $0.44$  cubic yards as shown previously. The trash storage room capacity will be more than sufficient for storage of the maximum amount of waste produced by  $220$  students in three days. It allows for approximately  $621$  ( $273.55 / 0.44$ ) missed pick-ups before the storage room is completely full. This number does not accurately convey the actual usage of garbage produced by a school, which explains why it would appear to be more than ample for the proposed school. Large or bulky items such as furniture will not be stored and removed from the premises on the appropriate day.

# BUILDING SPACES

## ROOM DISTRIBUTION

ROOM DISTRIBUTION PER FLOOR					
FLOOR	ROOM	GRADE	SQUARE FOOTAGE ACTUAL	(PLANS) NO. OF PERSONS	SF PER PERSON
CELLAR	SPRINKLER ROOM		78.00		
	GAS METER RM		35.89		
	ELEC METER RM		58.75		
	REFUSE 1		32.50		
	REFUSE 2		32.50		
	STORAGE		179.34		
	EXTRA CURRICULAR OFFICE		215.83	2	107.92
	MULTIPURPOSE ROOM		1975.55	132	14.97
	HC BATHROOM		46.64		
	BATHROOM		142.19		
	JAN CLOSET		13.99		
	TOTAL VERTICAL CIRCULATION		338.29		
	CORRIDOR		312.72		
	EXTERIOR WALL		548.86		
FIRST FLOOR	SECURITY		44.51	2	22.26
	LOBBY		326.01		
	RECEPTION OFFICE		168.80	1	168.80
	WAITING AREA		139.01	4	34.75
	UTILITY ROOM		43.57		
	BOOK STORAGE		136.33		
	SCIENCE LAB		465.63	23	20.24
	COMPUTER ROOM		621.84	31	20.06
	HOME ECONOMICS		481.69	24	20.07
	JAN CLOSET		19.09		
	BATHROOM		132.00		
	TOTAL VERTICAL CIRCULATION		581.85		
	CORRIDOR		336.94		
	EXTERIOR WALLS		513.78	85	6.04

The room distribution tables list spaces, with the exception of exterior walls, shafts and unusable areas, on a floor by floor basis. The information was compiled for all floors in the building in order to determine what spaces are available, and to assist in problem-solving any issues that may arise during planning and layout of the spaces. The multipurpose room, as its name suggests, will be used for a variety of uses. In order to avoid counting the space twice, the distribution table on the left shows the number of persons allowed for its use as a lunchroom and gymnasium. Although the room will also be used as an auditorium, which will be calculated as seven (7) square feet per person, the number shown is for uses which the space will be used for most of the time. The plans reflect the square footages for all its uses.



ROOM DISTRIBUTION PER FLOOR						
FLOOR	ROOM	GRADE	SQUARE FOOTAGE ACTUAL	(PLANS) NO. OF PERSONS	SF PER PERSON	
SECOND FLOOR	TEACHER'S LOUNGE		259.72	13	19.98	
	STUDIO ART		232.28	12	19.36	
	LIBRARY		606.05	12	50.5	
	STEM LAB		315.63	16	19.73	
	JANITOR'S CL		29.70			
	UTILITY ROOM		14.51			
	BATHROOM		143.74			
	VERTICAL CIRCULATION		328.78			
	CORRIDOR		418.36			
	EXTERIOR WALLS		427.90	53	8.07	
			2776.67			
		TERRACE		1086.06	54	20.11
	THIRD FLOOR	TRACKING ROOM		259.72	13	19.98
		RELIGIOUS / HEBREW OFFICE		236.39	2	118.2
CLASSROOM #1		9	606.05	30	20.2	
CLASSROOM #2		9	503.74	25	25.18	
UTILITY ROOM			15.57			
BATHROOM			145.40			
VERTICAL CIRCULATION			328.78			
CORRIDOR			266.97			
	EXTERIOR WALLS		414.05			

ROOM DISTRIBUTION PER FLOOR					
FLOOR	ROOM	GRADE	SQUARE FOOTAGE ACTUAL	(PLANS) NO. OF PERSONS	SF PER PERSON
FOURTH FLOOR	TRACKING 1		258.72	13	19.9
	ENGLISH / SECRETARY		236.39	2	118.2
	CLASSROOM 3	10	606.05	30	20.2
	CLASSROOM 4	10	501.93	25	20.08
	UTILITY		15.57		
	BATHROOM		145.40		
	HC BATHROOM		46.64		
	VERTICAL CIRCULATION		328.78		
	CORRIDOR		268.72		
	EXTERIOR WALLS		368.47	70	5.26
FIFTH FLOOR	TRACKING		251.93	13	19.38
	NURSE'S OFFICE		236.39	2	118.20
	CLASSROOM 5	11	606.05	30	20.2
	CLASSROOM 6	11	503.74	25	20.15
	HC BATHROOM		46.64		
	BATHROOM		145.40		
	UTILITY CLOSET		15.57		
	VERTICAL CIRCULATION		332.69		
	CORRIDOR		270.76		
	EXTERIOR WALLS		367.50	70	5.25
			2776.67		
SIXTH FLOOR	TRACKING		251.93	13	19.38
	GUIDANCE OFFICE		236.39	2	118.20
	CLASSROOM 7	12	606.05	30	20.2
	CLASSROOM 8	12	503.74	25	20.15
	HC BATHROOM		46.64		
	BATHROOM		145.40		
	UTILITY CLOSET		15.57		
	VERTICAL CIRCULATION		332.69		
	CORRIDOR		270.76		
	EXTERIOR WALLS		367.50	70	5.25
ROOF	TERRACE		1234.67	62	19.91

CLASSROOM UTILIZATION

The following Room Utilization Rate Table shows utilization rates of classrooms and other spaces by percentage. Utilization rates are an essential factor to consider when creating new spaces for a school. The utilization rate shows whether a space is over-utilized or under-utilized. If a space is over-utilized that means that, depending on the space, another similar room may need to be allocated in order to ease congestion. If too many spaces are under-utilized, that may mean that these spaces should be considered for a dual use or may be eliminated altogether. The question to consider is, at what point does the balance tip in each direction? The answer, for the most part, depends on how many rooms are being under-utilized. As a general rule, any room with a utilization rate of under 50% should be considered under-utilized.

ROOM UTILIZATION RATE TABLE				
ROOM TYPE	NO. OF ROOMS	TOTAL PERSONS	TOTAL SQ. FT.	UTILIZATION RATE USED
CLASSROOMS	8	220	4437.35	85.46%
TRACKING	4	52	1022.3	91.84%
SCIENCE LAB	1	23	465.63	44.90%
STEM LAB	1	17	356.26	32.65%
COMPUTER ROOM	1	30	621.84	42.86%
HOME ECONOMICS	1	20	481.69	18.37%

Utilization rates are calculated during hours that classes are in session. It should be noted that classes begin at 8:30am Monday through Friday. Classes end at 5:00pm Monday through Thursday and at 12:30pm on Fridays. To calculate the utilization rates,

the number of hours a room is used in a month is divided by a fixed number of hours per month, those being the hours that classes are in session.

A monthly cycle is utilized because there are some activities which take place outside the general classrooms, such as gym, science lab, STEM and home economics, some of which are scheduled on a rotating basis during the month. These activities, as well as daily lunch and recess periods are considered times spent outside the classroom and have been subtracted from classroom utilization times.

There are some rooms which have not been considered in this discussion due to their specialized nature. For example, the teachers' room cannot be identified as a space with a utilization rate. Teachers will come and go at different times and at different rates to the point that an assessment of time cannot be captured. Offices also have the potential to be occupied for the entire day. In some cases, office workers will eat lunch in their offices,