



Jay A. Segal
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July 19, 2013

VIA HAND DELIVERY

Hon. Meenakshi Srinivasan
Chair
& Members of the Board of
Standards & Appeals
40 Rector Street - 9th Floor
New York, New York 10006

RECEIVED
JUL 19 2013
BY COMMUNITY BOARD 8

Re: The Dalton School- 108-114 East 89th Street ("the "Property")
Manhattan Tax Block 1517, Lot 62
BSA Cal. No. 360-65-BZ

Dear Chair Srinivasan:

This application seeks an amendment to the variance and special permit granted under the above-referenced calendar number to allow the construction of a two-story, 12,164 ZSF addition to the roof of the existing building (the "Building") on the Property, increasing its (i) floor area to 98,996.4 ZSF and (ii) height from 143'10" to 170'5", which would increase the Building's non-compliance with respect to FAR, height, base height, front setback and rear setback requirements. Enclosed herewith are one (1) original and two (2) copies of the following materials in support of the aforementioned application:

1. SOC Application Form and Appendix
2. Statement of Facts (Item 1)
3. Affidavit of Ownership (Item 2)
4. DOB Objection dated 7/9/13 (Item 3)
5. Board History (Item 4)
6. Certificate of Occupancy (Item 5)
7. Certificate of Inspection and Compliance (Item 7)
8. Other Agency Permit/License (Item 9)
9. Zoning Map (Item 10)
10. Tax Map (Item 11)
11. Radius Diagram/Land Use Map (Item 12)
12. BSA Zoning Analysis Form (Item 13)
13. Photographs (Item 14)
14. Board Resolutions (Item 15)
15. Previously-Approved BSA Plans (Item 16)
16. Existing Plans (Item 17)



City of New York
Board of Standards and Appeals
40 Rector Street, 9th Floor
New York, NY 10006-1705
 Phone: (212) 788-8500
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www.nyc.gov/bsa

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JUL 19 2013
SPECIAL ORDER CALENDAR (SOC)
 Application Form
 BY COMMUNITY BOARD 8

BSA APPLICATION NO. 360-65-BZ

Section A

**Applicant/
Owner**

Greenberg Traurig, LLP by Jay A. Segal, Esq.

NAME OF APPLICANT

200 Park Avenue

ADDRESS

New York New York 10166

CITY STATE ZIP

212-801-9265

AREA CODE TELEPHONE

212-805-6400

AREA CODE FAX

segalj@gtlaw.com

EMAIL

Dalton Schools, Inc.

OWNER OF RECORD

108 East 89th Street

ADDRESS

New York NY 10128

CITY STATE ZIP

N/A

LESSEE / CONTRACT VENDEE

N/A

ADDRESS

N/A

CITY STATE ZIP

Section B

Site Data

108-114 East 89th Street

10128

STREET ADDRESS (INCLUDE ANY A/K/A)

ZIP CODE

East 89th Street, midblock between Park and Lexington Avenues

DESCRIPTION OF PROPERTY BY BOUNDING OR CROSS STREETS

1517 62 Manhattan 8

BLOCK LOT(S)

BOROUGH

COMMUNITY DISTRICT

No

LANDMARK/HISTORIC DISTRICT

Dan Garodnick

R8B

9a

CITY COUNCILMEMBER

ZONING DISTRICT

ZONING MAP NUMBER

(include special zoning district, if any)

Section C

Description

(LEGALIZATION ☐ YES ☒ NO ☐ IN PART)

Amendment to variance and special permit to allow the construction of a two-story, 12,164 ZSF addition to the roof of the existing building on the property, increasing its floor area to 98,996.4 ZSF (9.67 FAR) and height and base height from 143'10" to 170'5", increasing non-compliance with (i) ZR 24-11 (FAR), (ii) ZR 24-522(b) (height, base height and front setback requirements) and (iii) ZR 24-552(b) (rear setback requirements).

Section D

Actions

APPLICATION IS HEREBY MADE TO:

1. ☐ Waive of the Rules of Practice and Procedure (Explain in your statement)

2. ☐ Extension of Time to:

☐ Complete construction ☐ Obtain a Certificate of Occupancy

Expiration Date: _____

3. ☒ Amendment to Previous Board Approval

4. ☐ Extension of Term of the:

☐ Variance ☐ Special Permit For a term of _____ years

Expiration Date: _____

5. ☐ Other (Explain in your statement)

Authorizing Section(s) of the Zoning Resolution:

☐ § 11-411 ☐ § 11-412 ☐ § 11-413 ☐ §§ 72-01 and 72-22 ☐ § 73-11 ☒ Other 72-21 & 73-641

Section E**Department
Of
Buildings
Information**

- | | YES | NO |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|
| 1. Have plans been filed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Have plans been approved? (If Yes, Date Approved <u>6/20/94</u>) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Has a permit been obtained? (If Yes, Permit No. <u>100274392-01-AL</u> Date Issued <u>6/23/94</u>) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is work in progress? (If Yes, Percentage of work completed <u>100</u> %) | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Has a temporary or permanent Certificate of Occupancy been obtained? (If Yes, Expiration Date <u>None</u> Attach a copy) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

If you have answered "No" to any of these questions, include a paragraph in your statement describing the reason(s) for delay and the projected schedule of completion.

Section F**Board
History**

List all prior Board actions associated with the subject Zoning Lot and attach one copy of each resolution:

On June 8, 1965, when the Zoning District was R8, an application was granted by the Board under Section 72-21 & 73-641 to permit:

a 10,720 SF enlargement, providing relief from FAR, front/rear setback, and sky exposure plane regulations (the "Original Variance"). On 3/17/92, when the Zoning District was R8, an application was granted under 72-21 & 73-641 to modify the Original Variance to permit 7,092 SF in additional floor area, providing relief from FAR, height and setback regulations. On 9/12/2000, when the Zoning District was R8B, an application was granted under 72-01&73-11 to further amend the Original Variance to permit a 237.5 SF addition.

Section G**Inspection
and
Compliance**

- | | YES | NO |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|
| 1. Have you reviewed the Board's case file? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Have you recently inspected the premises and surrounding area? (If Yes, date of most recent site inspection <u>May 28, 2013</u>) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Did you find: | | |
| a. Compliance with the terms and conditions of the Board's resolution? Attach a completed Certificate of Inspection and Compliance | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b. Any significant condition changes (e.g. rezoning, city map amendments, recent developments) within the affected area since the Board's last action on this application?..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| If the answer is "yes" to any of the questions below, explain further in your statement. | | |
| 4. Is there currently a proposal before the City Planning Commission to change the subject Zoning District, or any other action which includes the premises? (File / CP No. _____) | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Are there any outstanding violation(s) on the premises? (If Yes, submit a DOB BIS printout) | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Is there any other application before the Board which affects the premises? (If Yes, Cal No. _____) | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7. Is there any other application at any government agency which affects the premises? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Section H**Signature**

I HEREBY AFFIRM THAT BASED ON INFORMATION AND BELIEF, THE ABOVE STATEMENTS AND THE STATEMENTS CONTAINED IN THE PAPERS ARE TRUE.

Signature of Applicant, Corporate Officer or Other Authorized Representative

Jay A. Segal
Print Name

Shareholder
Title

SWORN TO ME THIS 18th DAY OF July 2013

Daniel G. Egers
Notary Public, State of New York
Qualified in Queens County
No. 01EG6169682

Commission expires June 25, 2015
NOTARY PUBLIC

Appendix

Section F of SOC Form Calendar No. 360-65-BZ

"List all prior Board actions associated with the subject Zoning Lot and attach one copy of each resolution."

| Date | Cal. No. | Zoning | Board Action | Condition(s) |
|--------|-----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6/8/65 | 360-65-BZ | R8 | <p>Application for a variance pursuant to ZR Section 72-21 and special permit pursuant to ZR Section 73-641 to permit erection of a one-story enlargement in violation of floor area ratio, front/rear setback and sky exposure plane regulations.</p> <p style="text-align: center;">GRANTED</p> | <ul style="list-style-type: none"> the building shall conform to drawings received March 25, 1965 (17 sheets) and June 3, 1965 (3 sheets); compliance with all applicable laws, rules and regulations; and permit shall be obtained, work completed and a Certificate of Occupancy obtained within one year. |
| 3/3/92 | 360-65-BZ | R8B | <p>Application to reopen and amend the prior resolution pursuant to Sections 72-01 and 73-11 of the Zoning Resolution to permit: the expansion of the 10th story library mezzanine (creating a new 11th story); the insertion of floor slab into the double height gymnasium (former 11th story) to convert the gymnasium into two new classroom floors; and the installation of windows, cornice, water tank enclosure and elevator penthouse, in violation of floor area ratio and height and setback regulations. GRANTED</p> | <ul style="list-style-type: none"> constructed substantially as shown on drawings received on February 14, 1992 (25 sheets numbered Z1 thru Z25 and 22 sheets numbered E1 thru E22) the resolution cited above shall be complied with in all respects. a new Certificate of Occupancy obtained within two years. |

| Date | Cal. No. | Zoning | Board Action | Condition(s) |
|-----------|-----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9/12/2000 | 360-65-BZ | R8B | <p>Application to reopen and amend the prior resolution pursuant to Sections 72-01 and 73-11 of the Zoning Resolution to permit a 237.5 SF enlargement to rear of building.</p> <p>GRANTED</p> | <ul style="list-style-type: none"> premises shall be maintained in substantial compliance with drawings received on May 9, 2000 (2 sheets); the resolution cited above shall be complied with in all respects. |

MINUTES

PREMISES AFFECTED—705 East 189th Street, west side, 40.01 feet north of East 189th Street, Block 3091, Lot 96, Borough of The Bronx.

APPEARANCES—

For Applicant: Robert J. Crinnion and L. Minelli.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Foley, Commissioner Becker and Commissioner Klein 3

Negative: Vice Chairman and Commissioner Fox 2

THE RESOLUTION—

WHEREAS, the decision of the Borough Superintendent, dated March 12, 1965 on Alt. Applic. 10-65, reads:

"A-4 Proposed cellar apartment does not comply with Sec. 34 Sub. 1 'B' 1 'D' M.D.L."

and

WHEREAS, the premises were inspected by a committee of the Board, which recommended that the appeal be granted under certain conditions.

Resolved, that the decision of the Borough Superintendent, dated, March 12, 1965, acting on Alt. Applic. 10-65, Objection No. A-4 be and it hereby is modified under the powers vested in the Board by Section 310 of the Multiple Dwelling Law, and that the appeal be and it hereby is granted, on condition that all of the requirements in the Resolution adopted by the Board this day under Calendar Number 340-65-BZ shall be complied with.

360-65-BZ 6-8-65

APPLICANT—Ferrenz & Taylor for Dalton Schools Incorporated, owner.

SUBJECT—Application March 25, 1965 — decision of the Borough Superintendent, under Sections 72-21 and 73-641 of the Zoning Resolution, to permit in a R8 district, the erection of a one story enlargement to a school that increases the degree of non-compliance in floor area ratio, sky exposure plane and rear set-back.

PREMISES AFFECTED—108-114 East 89th Street, south side, 144.43 feet west of Lexington Avenue, Block 1517, Lot 62, Borough of Manhattan.

APPEARANCES—

For Applicant: David Abrams and M. Saitta.

For Opposition: Donald Mac Donald.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Foley, Vice Chairman Kleinert, Commissioner Fox, Commissioner Becker and Commissioner Klein 5

Negative: 0

THE RESOLUTION—

WHEREAS, a public hearing was held on this application on May 25, 1965, after due notice by publication in the Bulletin; laid over to June 8, 1965; hearing closed; and

WHEREAS, the decision of the Borough Superintendent, dated March 12, 1965 acting on Alt. Applic. 118/1965, reads:

"1. Proposed extension is contrary to Sec. 54-31 of Zoning Resolution as follows:

- Existing floor area ratio already exceeds that permissible under Sec. 24-11 of the Zoning Res.
- Additional story requires a minimum front setback of 20', measured from the street line. As per Sec. 24-522 of the Zoning Resolution.
- Additional story requires a minimum rear setback of 20'0" measured from the required rear

yard line. (50'0" measured from the rear lot line). As per Sec. 24-552 of the Zoning Resolution."

and

WHEREAS, the premises and surrounding area were inspected by a committee of the Board which recommended that the application be granted; and

WHEREAS, the Board finds under Section 72-21 of the Zoning Resolution that there are practical difficulties arising from the construction of the building itself in an area of high buildings, that the variance will not alter the character of the neighborhood, that the difficulty was not brought about by the owner or a predecessor in title but by the need for expansion and that the variance required is a minimum one; and

WHEREAS, the Board finds under Section 73-641 of the Zoning Resolution that this modification is required to provide an essential service, that there is no other way to design the enlargement to produce an integrated development and that this modification is the minimum necessary.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use and area district regulation of the Zoning Resolution and that the application be and it hereby is granted under Sections 72-21 and 73-641 of the Zoning Resolution, to permit in an R-8 district, the erection of a one-story enlargement to a school that increases the degree of non-compliance in floor area ratio, sky exposure plane and rear setback, on condition that the work shall conform to drawings filed with this application marked "Received March 25, 1965", 17 sheets and "June 3, 1965", 3 sheets revised; that all laws, rules and regulations applicable shall be complied with; that permit shall be obtained, work completed and a Certificate of Occupancy obtained within one year from the date of this resolution.

400-65-BZ

APPLICANT—Halpern and Hurley for Albert Greenbaum, owner.

SUBJECT—Application April 8, 1965 — decision of the Borough Superintendent, under Section 72-21 of the Zoning Resolution and Section 666 of the New York City Charter, to permit in a R7-2 district, the erection of a one story enlargement to an existing wholesale establishment.

PREMISES AFFECTED—298 East 2nd Street, north side, 193 feet west of Avenue D, Block 372, Lot 52, Borough of Manhattan.

APPEARANCES—

For Applicant: Aaron Halpern.

For Opposition: None.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative: 0

Negative: Chairman Foley, Vice Chairman Kleinert, Commissioner Fox, Commissioner Becker and Commissioner Klein 5

THE RESOLUTION—

WHEREAS, a public hearing was held on this application on May 25, 1965, after due notice by publication in the Bulletin; laid over to June 8, 1965; hearing closed; and

WHEREAS, the decision of the Borough Superintendent, dated April 2, 1965, acting on Alt. Applic. 518/1965, reads: "C-2 Proposed extension of existing building for the use of 'Wholesale and retail beer distribution' is contrary to Section 52-22 of the Zoning Resolution."

and

WHEREAS, the premises and surrounding area were in-

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MINUTES

360-65-BZ 3-3-92

APPLICANT—Shelly S. Friedman, Esquire, for The Dalton School, owner.

SUBJECT—Application September 4, 1991—reopening for an amendment of the resolution—proposed alterations—the existing tenth floor mezzanine will be expanded for additional classroom space and redesignated as the eleventh floor. A new floor slab will be installed into the double height gymnasium to create two (2) new classroom floors, in order to illuminate the new 12th and 13th floors, windows will be added on the 89th Street facade and two skylights will be constructed, also a new cornice, water tank enclosure, and elevator penthouse will be constructed—application previously granted *on condition* under Z.R. §72-21 and §73-641, permitting in an R8 district, the erection of a one (1) story enlargement to a school that increases the degree of non-compliance in floor area ratio, sky exposure plan and rear set-back.

PREMISES AFFECTED—108/14 East 89th Street, south side, 144'43" west of Lexington Avenue, Block 1517, Lot 62, Borough of Manhattan.

COMMUNITY BOARD #8M.

APPEARANCES—

For Applicant: Valerie Campbell and Shelly S. Friedman.

For Administration: John Scrofani, Fire Department.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO GRANT—

Affirmative: Chairman Silva, Commissioner Tamm, Commissioner Lawrie, Commissioner O'Keefe and Commissioner Chen.5

Negative:0

THE RESOLUTION—

WHEREAS, Community Board #8M recommended approval which was received on February 7, 1992; and

WHEREAS, the applicant requested an amendment of the resolution; and

WHEREAS, a public hearing was held on this application on February 11, 1992 after due notice by publication in the *Bulletin*, laid over to March 3, 1992 for decision.

Resolved, that the Board of Standards and Appeals does hereby *reopen and amend* the resolution pursuant to Sections 72-01 and 73-11 of the Zoning Resolution, said resolution having been adopted on June 8, 1965 by adding thereto:

"The proposed alterations—the existing tenth floor mezzanine will be expanded for additional classroom space and redesignated as the eleventh floor. A new floor slab will be installed into the double height gymnasium to create two (2) new classroom floors, in order to illuminate the new 12th and 13th floors, windows will be added on the 89th Street facade and two (2) skylights will be constructed, also a new cornice, water tank enclosure, and elevator penthouse will be constructed substantially as shown on revised drawings numbered Z1 thru Z25, marked "Received February 14, 1992"—twenty five (25) sheets and existing drawings numbered E1 thru E22 marked "Received February 14, 1992"—twenty two (22) sheets *on condition* that other than as herein amended the resolution above cited shall be complied with in all respects."

(DOB 106274392)

Adopted by the Board of Standards and Appeals, March 3, 1992.

744-76-A

APPLICANT—Richard Metzner, Architect, for Horace Mann Barnard School, owner.

SUBJECT—Application November 6, 1992—reopening for extension of term of variance which expired December 7, 1991—application previously granted *on condition* re-use of frame building within the fire limits as school.

PREMISES AFFECTED—4430 Tibbett Avenue, east side, 262'46" north of West 244th Street, Block 5806, Lot 710, Borough of The Bronx.

APPEARANCES—

For Applicant: Richard Metzner and Dominick A. Lauria.

For Opposition: John Scrofani, Fire Department.

ACTION OF BOARD—Laid over to April 7, 1992, Special Order Calendar, at 10 A.M., for continued hearing.

335-81-A

APPLICANT—Vassalotti Associates, Architects, for Jeffrey Deutch and David S. Klapper, owners.

SUBJECT—Application August 30, 1991—reopening for extension of term of variance which expired July 21, 1991—application previously granted *on condition* to re-conversion of frame residence to medical office.

PREMISES AFFECTED—71-18 Main Street, northwest corner of 71st Road, Block 6619, Lot 32, Flushing, Borough of Queens.

APPEARANCES—

For Applicant: Hiram A. Rothkrug and David S. Klapper.

For Opposition: John Scrofani, Fire Department.

ACTION OF BOARD—Laid over to April 28, 1992, Special Order Calendar, at 10 A.M., for continued hearing.

551-37-BZ Vol. II

APPLICANT—Joseph P. Morsellino, P.C., Hamax Holding Associates, owner.

SUBJECT—Application November 7, 1991—reopening for extension of term of variance which expired October 31, 1991—application previously granted *on condition* under Z.R. §7e and §7i, permitting in a local retail and residence use district, the extension of the yard area of the gasoline service station, and increase the size of the accessory building and permitting the additional uses of lubrication, accessory non-automatic car wash, minor auto repairs with hand tools only and parking and storage of more than five motor vehicles.

PREMISES AFFECTED—233-02 Northern Boulevard, southeast corner of 233rd Street, Block 8166, Lot 20, Douglaston, Borough of Queens.

COMMUNITY BOARD #11Q.

APPEARANCES—

For Applicant: Joseph P. Morsellino.

ACTION OF BOARD—Laid over to April 21, 1992, Special Order Calendar, at 10 A.M., for continued hearing.

CORRECTIONS

CORRECTION*

The resolution adopted October 29, 1991 under Calendar Number 866-49-BZ Vol. III and printed in Volume LXXVI Bulletin No. 45 is hereby corrected to read as follows:

866-49-BZ Vol. III

APPLICANT—Carl A. Sulfaro, Esquire, for Sun Refining and Marketing Company, owner.

SUBJECT—Application June 17, 1991—request to waive the Rules of Procedure and to obtain a Certificate of Occupancy which expired on January 19, 1989—application previously granted *on condition* under Z.R. §7c and §7e, permitting in a local retail residence use district, the extension of the existing service station building on the same plot, also to install four (4) additional gasoline tanks.

PREMISES AFFECTED—200-01/07 47th Avenue, northeast corner of Francis Lewis Boulevard, Bayside, Block 5559, Lot 75, Borough of Queens.

COMMUNITY BOARD #11Q.

APPEARANCES—

For Applicant: Carl A. Sulfaro.

ACTION OF BOARD—Rules of Procedure waived, and application reopened and time extended to obtain a Certificate of Occupancy.

THE VOTE TO CLOSE HEARING—

Affirmative: Chairman Silva, Commissioner Tamm, Commissioner Lawrie, Commissioner Chen4

Negative:0

Absent: Commissioner O'Keefe1

THE VOTE TO GRANT—

Affirmative: Chairman Silva, Commissioner Tamm, Commissioner Lawrie, Commissioner Chen4

Negative:0

Absent: Commissioner O'Keefe1

THE RESOLUTION—

WHEREAS, a public hearing was held on the application on October 29, 1991, after due notice by publication in the *Bulletin*.

Resolved, that the Board of Standards and Appeals does hereby *reopen and amend* the resolution adopted on March 21, 1950 as amended through January 19, 1988 only as to the time to obtain a Certificate of Occupancy, so that as amended this portion of the resolution shall read:

"that a Certificate of Occupancy shall be obtained within one (1) year from the date of this amended resolution."

(Alt. 436/1962)

Adopted by the Board of Standards and Appeals, October 29, 1991.

(corrected in Bulletin No. 13, Vol. LXXVII dated March 26, 1992.)

*The resolution is corrected to show the correct Calendar number which is 866-49-BZ Vol. III rather than 886-49-BZ Vol. III.

CORRECTION*

The resolution adopted March 3, 1992 under Calendar Number 360-65-BZ and printed in Volume LXXVII Bulletin No. 11 is hereby corrected to read as follows:

360-65-BZ **3-17-92**

APPLICANT—Shelly S. Freidman, Esquire, for The Dalton School, owner.

SUBJECT—Application September 4, 1991—reopening for an amendment of the resolution—proposed alterations—the existing tenth floor mezzanine will be expanded for additional classroom space and redesignated as the eleventh floor. A new floor slab will be installed into the double height gymnasium to create two (2) new classroom floors, in order to illuminate the new 12th and 13th floors, windows will be added on the 89th Street facade and two skylights will be constructed, also a new cornice, water tank enclosure, and elevator penthouse will be constructed—application previously granted *on condition* under Z.R. §72-21 and §73-641, permitting in an R8 district, the erection of a one (1) story enlargement to a school that increases the degree of non-compliance in floor area ratio, sky exposure plan and rear set-back.

PREMISES AFFECTED—108/14 East 89th Street, south side, 144'43" west of Lexington Avenue, Block 1517, Lot 62, Borough of Manhattan.

COMMUNITY BOARD #8M.

APPEARANCES—

For Applicant: Valerie Campbell and Shelly S. Freidman.

For Administration: John Scrofani, Fire Department.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO GRANT—

Affirmative: Chairman Silva, Commissioner Tamm, Commissioner Lawrie, Commissioner O'Keefe and Commissioner Chen5

Negative:0

THE RESOLUTION—

Whereas, Community Board #8M recommended approval which was received on February 7, 1992; and

WHEREAS, the applicant requested an amendment of the resolution; and

WHEREAS a public hearing was held on this application on February 11, 1992 after due notice by publication in the *Bulletin*, laid over to March 3, 1992 for decision.

Resolved, that the Board of Standards and Appeals does hereby *reopen and amend* the resolution pursuant to Sections 72-01 and 73-11 of the Zoning Resolution, said resolution having been adopted on June 8, 1965 by adding thereto:

"The proposed alterations—the existing tenth floor mezzanine will be expanded for additional classroom space and redesignated as the eleventh floor. A new floor slab will be installed into the double height gymnasium to create two (2) new classroom floors, in order to illuminate the new 12th and 13th floors; windows will be added on the 89th Street facade and two (2) skylights will be constructed, also a new cornice, water tank enclosure, and elevator penthouse will be constructed substantially as shown on revised drawings numbered Z1 thru Z25, marked "Received February 14, 1992"—twenty five (25) sheets and existing drawings numbered E1 thru E22 marked "Received by February 14, 1992"—twenty two (22) sheets *on condition* that other than as herein amended the resolution above cited shall be complied with in all respects and that a new Certificate of Occupancy shall be obtained within two (2) years from the date of this amended resolution."

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CORRECTIONS

(DOB 106274392)

Adopted by the Board of Standards and Appeals, March 3, 1992.

(corrected in Bulletin No. 13, Vol. LXXVII dated March 26, 1992.)

*The resolution is corrected to include the words; "that a new Certificate of Occupancy shall be obtained within two (2) years from the date of this amended resolution."

CORRECTION*

The resolution adopted February 11, 1992 under Calendar Number 25-89-BZ and printed in Volume LXXVII Bulletin No. 8 is hereby corrected to read as follows:

25-89-BZ

APPLICANT—Taylor Clark Architects, Incorporated, for St. John's Queens Hospital, Division of Catholic Medical Center of Brooklyn and Queens, Incorporated, owner.

SUBJECT—Application January 12, 1989—Under Z.R. §72-21, §73-48, §73-481 and §73-49, to permit within an R6B district, the proposed construction of an off-site parking garage, accessory to a community facility (Use Group 4), which is non-complying in regards to lot coverage, front, side, and rear yards, location of access to street, roof parking, and number of permitted parking spaces.

PREMISES AFFECTED—58-04 Hoffman Drive, southeast corner of the intersection of Hoffman Drive and 58th Avenue, Block 2860, Lot 16 (tentative), Borough of Queens.

COMMUNITY BOARD #4Q.

APPEARANCES—

For Applicant: Philip P. Agusta.

RECOMMENDATION OF COMMUNITY BOARD—

Opposed to the Application.

ACTION OF BOARD—Application granted on condition.

THE VOTE TO GRANT—

Affirmative: Chairman Silva, Commissioner Tamm, Commissioner Lawrie and Commissioner Chen. 4

Negative: Commissioner O'Keefe. 1

THE RESOLUTION—

WHEREAS, a public hearing was held on this application on August 13, 1991, after due notice by publication in the *Bulletin*, laid over to October 8, 1991, November 19, 1991, January 28, 1992 and then to February 11, 1992 for decision; and

WHEREAS, the decision of the Borough Superintendent, dated January 4, 1989, and updated through January 28, 1992, acting on N.B. Applic. #1352/88, reads:

1. Proposed permitted parking facility for a community facility use (St. John's Queens Hospital) located in an R6B Zoning District, as proposed is contrary to the following bulk regulations:

A. Lot Coverage exceeds permitted, contrary to §24-11 Z.R.

B. Side yards less than 8" contrary to §24-35 Z.R.

C. Rear yard not provided contrary to §24-33 Z.R. and §24-36 Z.R.

D. No front yard of 5' is provided, contrary to §24-34 Z.R.

E. Height of building exceeds 35', and no rear and front S.E.P. is penetrated, contrary to §24-523 Z.R.

F. Minimum distance to entrance of 50' not provided contrary to §25-63 Z.R.

2. Refer to BSA for roof parking above the 4th floor level (§25-11 Z.R.)

3. Refer to BSA for permitted parking over 150 spaces (§25-141 Z.R.)

and

WHEREAS, the premises and surrounding area had a site and neighborhood examination by a committee of the Board consisting of Chairman/Commissioner Gaston Silva, R.A., Commissioner Arno Tamm, R.A., Commissioner Suzanne O'Keefe, R.A. and Commissioner Wellington Z. Chen; and

WHEREAS, the Board has adopted a Negative Declaration issued pursuant to 6 NYCRR Part 617; and

WHEREAS, this is an application pursuant to Z.R. §72-21, §73-48, §73-481 and §73-49, to permit in an R-6B district, an off-site parking garage, accessory to a community facility (Use Group 4) which is non-complying in regards to lot coverage, front, side and rear yards, location of accessory use, roof parking and number of permitted parking spaces; and

WHEREAS, the subject site is an irregularly shaped parcel, with a high water table, located between two community facilities, namely an adjacent park and medical offices, and is currently used as an accessory parking facility for a hospital located across the street; and

WHEREAS, these unique conditions create a practical difficulty in developing an accessory parking facility which is complying; and

WHEREAS, the subject site is owned by a non-profit institution and therefore financial hardship need not be demonstrated; and

WHEREAS, the evidence in the record indicates that the entrance and exit of the proposed facility is located on Hoffman Drive, a one-way street, and that traffic will be directed only through Hoffman Drive which is developed primarily with non-residential uses, so as to draw a minimum of vehicular traffic to and through local streets in the surrounding residential area; and

WHEREAS, the proposed parking garage has adequate reservoir space at the vehicular entrance to accommodate fourteen (14) automobiles; and

WHEREAS, the proposed parking garage was originally designed as a 5½ story building with three hundred forty six (346) spaces but was subsequently modified to a 4½ story building providing two hundred ninety (290) spaces, thereby reducing the vehicular impact on the surrounding neighborhood; and

WHEREAS, the applicant has prepared a traffic impact analysis in 1989 and parking accumulation studies in 1992, which indicate that the proposed parking garage will not cause significant traffic impacts in the area; and

WHEREAS, Hoffman Drive, the street providing access and egress to the parking garage, will be adequate to handle the traffic generated thereby; and

WHEREAS, the proposed roof parking will have a 6 foot parapet wall to shield cars from the street and adjacent buildings and is located so as not to impair the essential character of the future use or development of adjacent areas; and

WHEREAS, the history of development of the surrounding area indicates this proposal will not adversely affect the character of the surrounding neighborhood which has several community facilities, including St. John's hospital, which has been

MINUTES

Commissioner Korbey and Commissioner Caliendo.....4
Negative:0

THE RESOLUTION -

WHEREAS, the applicant has requested a reopening for an amendment to the resolution to add a canopy; and

WHEREAS, a public hearing was held on this application on March 28, 2000, after due notice by publication in the *City Record*, laid over to May 2, 2000, May 30, 2000, June 27, 2000, July 25, 2000 and then to September 12, 2000 for decision; and

WHEREAS, Community Board 10, Bronx, has approved of this application; and

WHEREAS, the proposed amendment is warranted under certain conditions.

Resolved, that the Board of Standards and Appeals hereby *reopens and amends* the resolution pursuant to Z.R. §11-412, only to add a steel canopy, said resolution having been adopted on July 7, 1954 as amended through September 21, 1954, so that as amended this portion of the resolution shall read:

"granted to permit the installation of a steel canopy over the pump island on condition that the premises shall be maintained in substantial compliance with the proposed drawings submitted with the application marked 'Received April 9, 1999'-(1) sheet, 'June 19, 2000'-(2) sheets, 'August 21, 2000'-(1) sheet; and that other than as herein amended the resolution above cited shall be complied with in all respects."

Adopted by the Board of Standards and Appeals, September 12, 2000.

360-65-BZ 9-12-00

APPLICANT - Friedman & Gotbaum, LLP, by Shelly S. Friedman, Esq., for Trustees of the Dalton School, owner.
SUBJECT - Application May 9, 2000 - reopening for an amendment to permit a 237.5 square foot addition to the theater area.

PREMISES AFFECTED - 108 East 89th Street, south side of East 89th Street near Lexington Avenue, Block 1517, Lot 62, Borough of Manhattan.

COMMUNITY BOARD #8M

APPEARANCES -

For Applicant: Lori Cusnier.

For Administration: Battalion Chief Robert J. Stec and John Scrofani, Fire Department.

ACTION OF THE BOARD - Application reopened and resolution amended.

THE VOTE TO GRANT -

Affirmative: Chairman Chin, Vice-Chair Bonfilio, Commissioner Korbey and Commissioner Caliendo.....4

Negative:0

THE RESOLUTION -

WHEREAS, the applicant has requested a reopening for an amendment to the resolution to permit a small rear yard addition; and

WHEREAS, a public hearing was held on this application on August 8, 2000, after due notice by publication in the *City Record*, and laid over to September 12, 2000 for decision; and

WHEREAS, the proposed amendment is necessary to enlarge the theater area of the school to accommodate needs for increased storage of theater related items; and

WHEREAS, since the requested amendment is only 237.5 square feet and is minimally visible to one rear neighbor, the Board finds that the amendment will not alter the essential character of the surrounding neighborhood and should be granted.

Resolved, that the Board of Standards and Appeals hereby *reopens and amends* the resolution pursuant to Z.R. §§ 72-01 and 73-11, said resolution having been adopted on June 8, 1965 as amended through March 3, 1992, so that as amended this portion of the resolution shall read:

"granted to permit an enlargement of 237.5 square feet to the rear of the building on condition that the premises shall be maintained in substantial compliance with the proposed drawings submitted with the application marked 'Received May 9, 2000'-(2) sheets; and that other than as herein amended the resolution above cited shall be complied with.

Adopted by the Board of Standards and Appeals, September 12, 2000.

534-65-BZ

APPLICANT - Alfonso Duarte, P.E., for Parker Yellowstone L.P., owner.

SUBJECT - Application May 1, 2000 - reopening for an extension of term of variance which expired July 13, 2000.

PREMISES AFFECTED - 104-40 Queens Boulevard, southeast corner of 68th Drive, Block 3175, Lot 1, Forest Hills, Borough of Queens.

COMMUNITY BOARD #6Q

APPEARANCES -

For Applicant: Alfonse Durate.

ACTION OF THE BOARD - Application reopened and term of the variance extended.

THE VOTE TO GRANT -

Affirmative: Chairman Chin, Vice-Chair Bonfilio, Commissioner Korbey and Commissioner Caliendo.....4

Negative:0

THE RESOLUTION -

WHEREAS, the applicant has requested a reopening for an extension of the term of the variance which expired

July 19, 2013

VIA HAND DELIVERY

Hon. Meenakshi Srinivasan, Chair
&
Members of the Board of Standards and Appeals
40 Rector Street - 9th Floor
New York, New York 10006

Re: 108-114 East 89th Street (the "Building")
Manhattan Tax Block 1517, Lot 62
(the "Zoning Lot" or "Property")
360-65-BZ

Dear Chair Srinivasan:

On behalf of Dalton Schools, Inc. ("Dalton"), the owner of the Property, we submit this Statement of Facts in support of Dalton's application for an amendment (the "Proposed Amendment") to the variance and special permit (as amended, collectively, sometimes referred to as the "Variance") that was granted by the Board in 1965 (360-65-BZ).¹ The Proposed Amendment would allow Dalton to construct a two-story, 26'-7" tall, approximately 12,200 gross square feet ("SF") enlargement (the "Enlargement") on the roof of the Building, which would increase the Building's non-compliance with the requirements of its R8B zoning district. The Enlargement would contain laboratories, research space, a greenhouse,² and classrooms that would enable Dalton to provide its existing student population with the improved STEM (science, technology, engineering, math) program it needs to offer, but would not result in an increase in the school's enrollment.

We show below that a grant of this application would be consistent both with the findings the Board made when it granted the Variance and the criteria established by the New York State Court of Appeals by which a zoning board should consider an application of a school seeking to expand its facility in order provide for its programmatic needs.

STATEMENT OF FACTS

The Zoning Lot / Relevant Zoning Parameters

The Zoning Lot is an interior lot on the north side of East 89th Street between Park and Lexington Avenues in an R8B zoning district. It has 101.67 feet of frontage, a depth of 100.67

¹ We explain below a prior amendment to the Variance was granted in 1992.

² The peaked roof of the greenhouse would extend 6'5" above the roof of the Enlargement.

feet, and a lot area of 10,235 SF. The following table sets forth the Enlargement’s non-compliance with the applicable R8B zoning parameters:

| Section | Required/ Maximum Permitted | Existing Building | Existing Non- Compliance | Building with Proposed Enlargement | Proposed Additional Non- Compliance |
|-----------------------------------------------------|-----------------------------------|--------------------------|--------------------------------|---------------------------------------------|----------------------------------------------|
| Maximum Base Height ZR 24-522(b) ZR 23-633 | 60’ | 143’-10” | Yes | 170’-5” | Yes |
| Front Setback ZR 24-522(b) ZR 23-633(b) | 15’ | 0’* | Yes | 0’* | Yes |
| Height ZR 24-522(b) ZR 23-633 | 75’ | 143’-10” | Yes | 170’-5” ** | Yes |
| Rear Yard ZR 24-36 | | | | | |
| Floor 1 | 0’ | 0’ | No | 0’ | N/A |
| Floors 2 | 30’ | 0’ | Yes | 0’ | N/A |
| Floors 3-5 | 30’ | 10.2’ | Yes | 10.2’ | N/A |
| Floors 6-12 | 30’ | 30.7’ | No | 30.7’ | N/A |
| Floors 13-14 (proposed) | 30’ | 30.7’ | No | 30.7’ | No |
| Rear Setback Above 60’ ZR 24-552(b) | 10’ | 0.7’ | Yes | 0.7’ | Yes |
| FAR ZR 24-11 | 5.1 (52,219 SF) | 8.48 (86,796.4 SF) | Yes | 9.67 (98,960.4 SF) | Yes |

*The street wall of the Building is set back 10’ from the street line, as shown on the drawings accompanying this application.

** The roof of the proposed greenhouse peaks at a height of 6’5” above this roof level.

History of the Zoning Lot / Prior Board Actions

In 1929, construction of the Building was completed and it has since been continuously used as a school by Dalton.

In 1965, due to increased enrollment primarily from the inclusion of boys in the formerly all girls’ school, Dalton, needing additional space, obtained the Variance to permit the vertical extension of fenced-in areas on the roofs of the fourth story and tenth story of the then ten-story

Building. The extensions constituted 10,720 SF, and required relief from FAR, front/rear setback, and sky exposure plane regulations under the prior R8 zoning (the Board’s Resolution is attached as Exhibit A). The extension on the fourth story roof was for an art studio, and the extension on the tenth story roof created a double-heightened 11th story for a regulation-size gymnasium. The new gymnasium allowed the existing non-regulation gymnasium on the tenth story to be converted to a library with a mezzanine.

In the early 1990s, due to increased enrollment, Dalton needed more classroom space. Dalton leased space in 200 East 87th Street to use as a physical education center (the “Physical Education Center”) so it could apply to the Board for permission to convert into classroom space the gym it had constructed in 1965 pursuant to the Variance. In 1992, Dalton obtained an amendment to the Variance (the “Prior Amendment” – the Board’s Resolution is attached as Exhibit B) to allow the expansion within the Building’s envelope of the tenth story library mezzanine and the insertion of a floor slab into the double-height gymnasium to convert the gymnasium into two new classroom floors (the 11th and 12th stories). The Prior Amendment allowed 7,092 SF of additional floor area and required relief from FAR regulations under the current R8B zoning.³ The construction permitted by the Prior Amendment was completed in 1995.⁴

Although Dalton’s enrollment has increased by only 25 students since the Board approved the Prior Amendment, its students have been taking more classes (discussed below), which made it necessary for Dalton to provide additional classroom space in the Building. It leased space for offices on the first and second floors of 120 East 89th Street (the “120 Building”), an apartment building immediately east of the Property, to free up space in the Building for additional classrooms and a library mezzanine. The offices in the 120 Building are connected internally to the Building by a corridor and stairs on the first floor.

Thus, in the nearly 85 years since the Building was constructed, its envelope has been expanded only once, in 1965, pursuant to the Variance.

Characteristics of the Surrounding Area

The area within 400 feet of the Property (the “Area”) contains a mix of residential, commercial and institutional uses. Residential uses are generally found in two- to five-story townhouses and in larger buildings with over 14 floors. The portion of Park Avenue in the Area is primarily residential, with 14- to 18-story residential buildings built in 1930 or earlier. Many of the residential buildings in the Area contain ground floor medical offices or retail use. Commercial uses in the Area are mainly on Lexington Avenue and the side streets. These businesses along Lexington Avenue are generally neighborhood retail and services, including drug stores, cafes, dry cleaners, and a Gristedes grocery store in the ground floor of the building located at 1343

³ The BSA Resolution refers to relief from height and setback requirements because of minor work on the cornice and roof.

⁴ In 2000 Dalton obtained a minor modification to the Variance allowing a 238 SF storage room at the rear of the theater on the Building’s first floor, to which we do not make further reference herein (the storage room, as actually constructed, contains 210 SF).

Lexington Avenue. The east-west side streets contain some local-serving retail as well as a concentration of medical offices. There are also four retail businesses located on the portion of Park Avenue that falls within in the Area: a deli, two dry cleaners, and a dog salon.

Other than the Property, there are three institutional uses in the Area: The Church of the Advent Hope at 111 East 87th Street, south of the Property, The Immanuel Lutheran Church at 122 East 88th Street, on the same block as the Property, and PS M169 (Robert F. Kennedy School), directly south of the Property, at 110 East 88th Street- this school occupies the lower floors of a 38-story residential tower which has a separate residential entrance at 115 East 87th Street.

The R8B zoning district is mapped through the midblocks between Lexington Avenue and Park Avenue. The Area also contains an R10 residential district, a C1-8X mixed use district, and the Special Park Improvement District (PI). The middle of the block bounded by East 88th and East 87th Streets and Lexington and Park Avenues is zoned R10. The east and west sides of Lexington Avenue in the Area are mapped in a C1-8X commercial district. The Special Park Improvement District (PI) is mapped along the east and west sides of Park Avenue in the Area.

The Dalton School

A. Buildings and History

The Dalton School is located in the following buildings, shown on the map attached as Exhibit C:

- 108-114 East 89th Street (the Building) - The Upper School, comprised of the Middle School (grades four through eight) and the High School (grades nine through twelve), totaling 929 students;⁵
- 51-63 East 91st Street - The Lower School, comprised of the First Program (kindergarten through third grade), totaling 376 students;⁶
- 200 East 87th Street - The Physical Education Center; and
- 120 East 89th Street - offices.

Dalton is an independent coeducational day school serving students from grades kindergarten through twelve. Originally called The Children’s University School, Dalton was founded in Massachusetts in 1919 by Helen Parkhurst, a progressive educator who believed that education should be based on individual growth and commitment to the community. To accomplish these objectives, she developed an educational system she termed the “Laboratory Plan” (the “Lab Plan” or “Lab”), in which teachers and students work together toward individualized goals. The Lab Plan was put into effect as an experiment in the High School of Dalton, Massachusetts, in

⁵ See letter from Head of School Ellen Stein dated June 5, 2013, attached hereto as Exhibit M (the “Stein Letter”).

⁶ *Ibid.*

1916. From this beginning, the Lab Plan and The Dalton School eventually took their names and their mission.⁷

In 1919, Helen Parkhurst relocated to New York City, where she opened her first school on West 74th Street. Larger facilities soon became necessary; the Lower School (grades kindergarten through third) was moved to West 72nd Street, and the High School opened in the autumn of 1929 in the Building. The Laboratory Plan remains an essential component of Dalton’s educational philosophy. Over the years, Dalton has become internationally well-known for its academic excellence and innovative approach to education.⁸

Helen Parkhurst developed a three-part plan that continues to be the structural foundation of a Dalton education: House, Assignment, and Lab.⁹

Helen Parkhurst believed it was crucial that each student belong to a smaller community within the larger school. This small group was so important that it was not called ‘homeroom’ or ‘advisory,’ but ‘House.’ The House is the home base in school for each Dalton student, and the House Advisor guides and assists each student in the learning process.¹⁰

The Assignment represents a contract between student and teacher. In addition to defining common obligations for daily class work, long-term projects, and homework, Dalton Assignments are structured to promote the refinement of time-management and organizational skills. The Assignment is introduced in the Lower School and increases in scope and complexity through Middle and High School.¹¹

The Lab is integral to the educational culture of the Dalton School. Students and teachers schedule Labs at specified times throughout the school day to discuss Assignment projects, expand upon questions of interest that arise in class, clarify issues, and explore new facets of a topic they want to pursue.¹²

B. The Existing Building / The Upper School

The description that follows differentiates between Dalton’s “regular” and “specialty” classrooms. Specialty classrooms are classrooms that have been customized so they can be used only for a specific purpose, such as music rooms, the computer science room, dance studios, art rooms, woodworking classrooms, and classrooms for the youngest children in the Building (4th and 5th grades). For instance, only music classes can be held in the music rooms, since there are no desks, only music stands, and the 4th and 5th grade classrooms contain small furniture and grade-specific materials so they cannot be used by the higher grades. The chart in Exhibit D classifies each classroom in the Building (as shown on the Existing Conditions drawings accompanying this application) as either “regular” or “specialty” and explains the use of each

⁷ <http://www.dalton.org/podium/default.aspx?t=153773>

⁸ *Ibid.*

⁹ http://www.dalton.org/philosophy/dalton_plan

¹⁰ <http://www.dalton.org/podium/default.aspx?t=153779>

¹¹ <http://www.dalton.org/podium/default.aspx?t=153780>

¹² <http://www.dalton.org/podium/default.aspx?t=153781&rc=0>

specialty classroom. All non-specialty classrooms in the Building are classified as regular classrooms. As shown on the chart, there are 74 classrooms in the Building, 43 “regular” and 31 “specialty.” Of the 31 specialty classrooms, five each are used as 4th grade, 5th grade, art and music classrooms, two are the combined computer science classroom, and one each is a greenroom, science lab room for project storage and observation, a room used by Preceptors for tutoring, the dance studio, an architecture lab, a darkroom, a ceramics room, a woodworking room, and a multi-purpose room, all discussed further below.

The uses of each floor of the Building are as follows:

| Floor | Use | Comments |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sub-cellar “2”: | Only mechanical rooms. | |
| Sub-cellar: | Used only for services | |
| Cellar: | Six classrooms, five of which are music rooms and one is a multi-purpose room that is used as a dance studio, music classroom and black box theater; office space for the music faculty, a dressing room, a prop storage space and a prop workshop. | The music rooms are classified as specialty classrooms because they are suitable only for music classes as they lack desks and have only music stands. The multi-purpose room has no tables. This level is completely below-grade except for five feet that is above-grade in the rear. None of these classrooms have windows and only three classrooms have glass block skylights to let light in from the sidewalk on the 89 th Street side of the Building. |
| 1 st Floor: | Building’s lobby, the theater, the theater’s prep-room and storage space. There is a corridor and stairs to the approximately 4,200 SF of space Dalton leases on the 1 st and 2 nd floors of the 120 Building. | |
| 2 nd Floor: | Two regular classrooms, the balcony for the theater, school admissions offices, development offices, faculty lounge, Head of School’s office, psychologist’s office, and other service/office space. | |
| 3 rd Floor: | Three regular classrooms, the cafeteria, kitchen, offices, nurse’s office, High School students’ lounge. | |

| | | |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4 th Floor: | Nine regular classrooms, of which six are science labs, ¹³ the science faculty office, biology and chemistry preparation rooms. | |
| 5 th Floor: | Five classrooms, of which four are regular classrooms and one is the computer science lab; four faculty offices. | The computer science lab, Room 502-504, is a single space encompassing two rooms, and is classified as a specialty classroom. One part has desks with computers arranged along the walls for lectures, and the other part has desks for group work on problem sets. |
| 6 th Floor: | Eight regular classrooms, office space for the technology faculty and history faculty. | |
| 7 th Floor: | Nine regular classrooms and a small office for middle school administration. | |
| 8 th Floor: | Seven regular classrooms, offices for the Head of the Middle School and administration offices, and a psychology office. | |
| 9 th Floor: | Nine specialty classrooms. | Eight are used exclusively by the 4 th and 5 th grades and one is a small classroom designed for use by Preceptors (tutors) but is also used by 14 sections of Math and English Workshops a week. |
| 10 th Floor: | Library and associated offices; one regular classroom off of the library space. | |
| 10 th Floor Mezzanine: | A balcony, Middle School library, and accessory offices. | |
| 11 th Floor: | Six classrooms, one of which is a regular classroom and five specialty classrooms: two fifth grade classrooms, a dance studio, an architecture lab, and a darkroom; office space for the dance faculty and Middle School Preceptors. | The dance studio contains no desks or chairs and is not suitable for other instructional space. The architecture lab does not have regular desks, but rather computers stationed along the sides of the room and architectural equipment. The darkroom contains no windows. |
| 12 th Floor: | Office space for the art faculty; seven specialty classrooms: five for art classes, one for ceramics, and one for woodworking. | The art classes contain stools, easels and art supplies. The ceramics room contains benches rather than desks and has specialty equipment. The woodworking |

¹³ The science labs are not classified as specialty classrooms because non-science classes can and do meet in these rooms.

| | | |
|--|--|-----------------------------------------------------------------------|
| | | room also contains benches rather than desks and has specialty tools. |
|--|--|-----------------------------------------------------------------------|

Dalton’s Programmatic Need for the Enlargement

Most of the two-story Enlargement would be dedicated to furthering Dalton’s “STEM” program. STEM, or science, technology, engineering and mathematics education, is at the center of a nationwide push to transform education, from the primary grades through graduate school, by reemphasizing the science-based fields. In New York City, educators and leaders in the public and private sectors are aiming to position the city as a capital of the global digital economy by creating an educated, entrepreneurial workforce, as evidenced by the city’s \$100 million investment in Cornell NYC Tech at the upcoming Roosevelt Island campus, which is a centerpiece of Mayor Bloomberg’s administration.¹⁴ At present, Dalton’s STEM program is not at the level it needs to be. Consequently, Dalton is unable to offer its students the program it needs to provide for Dalton to be a 21st Century school. As discussed below, the part of Dalton’s program most in need of improvement is technology and engineering.¹⁵

A. Deficiencies in Dalton’s Current STEM Program

1. Deficiencies in the Engineering Program¹⁶

While engineering is one of the four cornerstones of STEM, Dalton’s engineering program consists almost entirely of a single robotics course¹⁷ (robotics combines elements of engineering and computer science) in which only 30 High School students are enrolled.

Dalton believes the reason for the modest enrollment is the lack of a specialized engineering space which would allow students to construct and test their projects during the school day. Instead, such work now must take place after school or on Saturdays, which deters students who are on a team sport or play an instrument and have practices and games or other activities scheduled after school.

The need to construct and test robots after school causes additional difficulties. The robots are tested on a 12’ x 12’ robotics movement “field” where they perform their designed tasks, such as moving a ball from robot to robot up and down inclined planes. Because this activity occurs after normal school hours in the computer science classroom (Room 502-504), the first and last half hours of each after-school session is spent setting up and dismantling the movement field. A space such as the High School Facility would have a permanent movement field and eliminate

¹⁴ <http://www.nydailynews.com/new-york/education/stem/new-york-eyes-economic-future-rooted-finance-sciences-article-1.1213453#ixzz2Skf36fvW>

¹⁵ See the Stein Letter.

¹⁶ Unless stated otherwise, the information contained in this section is based on the letter from Gordon Campbell, chair of Dalton’s Computer Science Department, dated July 17, 2013, attached hereto as Exhibit O (the “Campbell Letter”).

¹⁷ The only engineering course currently being offered is a course in Sustainable Engineering, which is part of the Science Department.

this wasted hour. Also, without a specialized engineering space, robots have to be stored on the floor in Room 502. This limits the size of the robots that can be constructed, which curtails Dalton’s participation in “FIRST,” described in the next paragraph.

FIRST is a 501(c)(3) not-for-profit organization devoted to helping young people discover and develop a passion for STEM. The 2011-2012 FIRST season attracted nearly 300,000 participants from over 60 countries, and its annual programs culminate in an international robotics competition. Due to its lack of facilities, Dalton is only able to participate in the lowest-level high school “FIRST” robotics program, the FIRST Tech Challenge (“FTC”).¹⁸ With the High School Facility, Dalton will be able to participate in the FIRST Robotics Competition (“FRC”), the highest level FIRST competition, in which New York City public and independent schools such as Stuyvesant and Brooklyn Tech now compete.

The lack of a specialized space also prevents Dalton from offering any standard engineering classes, such as electrical or mechanical engineering, or engineering classes which involve the creation and assembly of a model, which needs a dedicated area for projects to be constructed and tested.

STEM education should begin at an early age, but the absence of a specialized space does not allow Dalton to offer any engineering class to its Middle School students.¹⁹ Presently, a Middle School “robotics club” meets after school twice a week as a non-accredited course, causing students to have to choose between the robotics club and after-school music, sports or other activities.

2. Deficiencies in Technology - Computer Science Program²⁰

A core component of any engineering program is computer science. Even students not specializing in nor focused on STEM education should be proficient in some level of computer science. A basic computer science class requires a room with computer stations and a space for group work on problems. Dalton currently has one such combined room for its entire computer science program (Room 502-504). This room is occupied by classes during every available period and is used for “Lab” meetings during the other periods, such as lunch periods – Lab periods are especially critical in computer science classes due to the need for incremental adjustments to projects that require meetings between student and teacher with access to the equipment. The high utilization of Dalton’s computer science room is caused by the dramatic increase in interest in computer science. In 2005, 43 High School students took computer science at Dalton; last year, 203 of the 455 High School students signed up to take the course, but only 184 were able to be enrolled. Dalton has completed its enrollment for next year and 254

¹⁸ The field used for FTC is based on foam tiles that must be set up inside of a steel wall frame. The field has other parts that are placed on top of it - these components vary from year to year, as determined by FIRST. Last year, the parts were a number of pipe components, and the year before, they were plywood ramps and other wood materials. The reason setting up and dismantling the movement field takes half an hour each is because of the number of parts that comprise the field.

¹⁹ There are some engineering units in science courses, but no separate engineering courses.

²⁰ The information contained in this section is based on the Campbell Letter.

students have signed up and they expect even more students to sign up in the future.²¹ With the complete utilization of Dalton’s one computer science classroom, no additional students can take computer science, nor can Dalton offer any computer science classes to Middle School students, or provide new computer science classes in a greater variety of subareas. Currently, the 9th, 10th and 12th grades meet only twice a week (11th graders meet four times a week).

To meet the demand for additional computer science classroom space, the Enlargement would have computer science classrooms adjacent to both the High School and Middle School Facilities. Their proximity to these Facilities would also allow specialized computer science and engineering classes to utilize the Facilities to construct projects.

3. Deficiencies in the Science Program²²

Dalton requires High School students to take three years of science - 9th graders take biology, 10th graders take chemistry and approximately 80% of 11th graders take physics, with the remaining 20% taking a second biology or chemistry course or another science elective. Most 12th graders elect to take a science course; the number of 11th and 12th graders taking two science classes has more than doubled since 2008. All Middle School students are required to take a science class each year.

Dalton’s science rooms, which are on the fourth floor, cannot accommodate additional classes. The matrix shows these science rooms are occupied by classes during nearly 90% of the periods. During many of the remaining periods these rooms are used for the student-teacher Lab sessions.

Consequently, there is no laboratory space for students to participate in long-term in-house research projects that can be performed in the Building, as part of the Dalton Research Program (“DRP”). Instead, the only students who can perform long-term research projects are the few who can be placed with outside institutions such as the Rockefeller Institute for Medical Research. This past year only 12 of the 48 students who signed up for the DRP could be so placed; the other 36 students could not perform experiments and had to limit their work to theory.

The lack of laboratory space also affects 9th grade biology projects. Because of space constraints, projects must be chosen which can be completed in 1/3rd of the school year, rather than the more complicated projects that would take the full year.

Dalton wants to strengthen its science program by constructing a science laboratory in which all interested students can perform research projects that could last for up to four years and 9th graders could choose year-long biology projects.

²¹ Presently, scheduling for the next school year is in process and course enrollments have not yet been finalized, though it is expected that the number of High School students that will be able to be enrolled in computer science will be approximately the same as the 184 that were enrolled last year.

²² Unless stated otherwise, the information contained in this section is based on the letter from Will Hopkins, chair of Dalton’s Science Department from 2005 to June 2013, and Lisa Brizzolara, chair of Dalton’s Science Department for the school year commencing September 2013, dated July 17, 2013, attached hereto as Exhibit P (the Hopkins/Brizzolara Letter”).

Dalton’s science program, especially the biology program, lacks a greenhouse facility, which could be used to grow food and for agricultural studies, experiments with nutrient recycling and energy conservation, studies of plant function and growth, sunlight experiments and independent projects.

4. Deficiencies in the Math Program

Dalton’s math program needs a specially-designed interactive room, with writeable walls and no front, in which the emphasis is not on an instructor lecturing in front of the room. The uses for the room are described in the next section.

B. Dalton Cannot Correct the Deficiencies
in its Current STEM Program by Providing
Additional Facilities in its Current Space

As discussed in detail in the next section, the proposed Enlargement would contain two specialized robotics and engineering facilities, each of which takes up the space of approximately three regular classrooms, a long-term science research lab (approximately the size of two-to-three regular classrooms), and a greenhouse (approximately the size of three regular classrooms) (collectively, the “New Facilities”), which Dalton needs in order to correct the deficiencies in its STEM program. As discussed below, the Enlargement is needed because there is no space in any of Dalton’s facilities that can be converted into the New Facilities.²³

1. Dalton Cannot Convert Classroom Space to the New Facilities

The Building’s existing classrooms are so fully utilized there is no classroom space in the Building for new courses or additional sections of existing courses; thus, the Building’s classroom space cannot be converted into the New Facilities.²⁴

Attached as Exhibit D-1 is a matrix (the “Matrix”) which shows the occupancy of each regular classroom, for each period, in each day of a typical school week during the most recent school year.²⁵ The back-up classroom schedules are attached as Exhibit D-2.

The Matrix shows regular classrooms are occupied during 74.88% of the periods in a school week. However, many of the periods in which these classrooms are not being used for a class are because the students who would otherwise use these rooms are at lunch, gym or assembly.

²³ See the Stein Letter.

²⁴ *Ibid.*

²⁵ The room schedules attached to this statement set forth the schedules for each room in the Building where classes meet in a typical week during the 2012-2013 school year. Most Dalton classes meet three out of four days between Monday and Thursday, and three out of every four Fridays in a month. Since the schedule for each Friday is different, the schedule for the first Friday of the month is provided. See letter from Sandy Taylor, Dalton’s scheduler, dated June 5, 2013, attached hereto as Exhibit N (the “Taylor Letter.”)

As shown on the Matrix, when accounting for these periods, the adjusted weekly-utilization rate for regular classrooms is 89.83%. Therefore, these classrooms are unoccupied in only 10.17% of the periods in which students are available to take classes.

Furthermore, during the 10% of periods when the rooms could be used by classes, they are usually occupied by teachers and students engaged in “Lab” meetings, either because access to materials in the classroom is needed, or because there is insufficient faculty office space for these meetings to occur elsewhere (discussed further below).

As shown on the Matrix, the periods in which rooms are unoccupied are scattered throughout the school day. The main reason why room availability is so scattered is because Dalton believes the ideal learning time in a day is different for each student so, to be fair to all students, Dalton rotates the periods that each class meets.²⁶ For example, a student taking “Section 2 of Intro to World History with Mr. Jones” may have this class during period 2 on Monday, period 4 on Tuesday, and period 7 on Thursday.²⁷

The nearly 90% adjusted-utilization rate of Dalton’s regular classrooms is very high. It would be extremely difficult to increase the rate because it would be very hard to match the scattered room availability with both student and teacher availability.²⁸ For example, it would be very unlikely to be able to schedule a foreign language class in Portuguese in the scattered periods in which rooms are available because they likely would not coincide with the schedules of both the Portuguese teacher and the students who wanted to take the class.

One of the reasons for the very high utilization of Dalton’s regular classrooms is that since the Prior Amendment was granted in 1992 the average number of courses a student takes has increased.

Dalton’s scheduler in 1992 told us that in the early 1990s, the great majority of Dalton students only took five core academic classes (math, history, English, foreign language, and science). In 2000-2001, students took an average of 5.18 academic classes, while in 2012-2013, students took an average of 5.53 academic classes.²⁹ This average is expected to rise in the future because students are taking more courses due, in part, to the increasingly competitive college applications process, whereby colleges are expecting applicants to take a greater number of academically demanding courses.³⁰ Some of the new courses introduced since the Prior Amendment, which have induced students to increase their course load, are Mandarin, computer science (discussed further below), and new creative writing classes.³¹

²⁶ *Ibid.*

²⁷ Sometimes the rooms in which a class is taught also changes. *Ibid.*

²⁸ *Ibid.*

²⁹ See letter from Jeff Slack, Dalton’s registrar, dated June 5, 2013, attached hereto as Exhibit N-1

³⁰ See Taylor Letter.

³¹ The Appendix lists courses Dalton has added or expanded since 2002-2003.

2. The Building’s Non-Classroom Space
Cannot be Converted to the New Facilities

There is no non-classroom space in the Building that could be used for Dalton’s proposed enhanced STEM program. There is no excess office space to convert to the New Facilities. In fact, as mentioned above, Dalton has had to lease space in the 120 Building for additional offices. In the 2002-2003 academic year, Dalton had 123 full-time faculty members in the Building while in 2012-2013 Dalton has 137 full-time faculty members in the Building. The lack of sufficient office space results in teachers having inadequate room to prepare for classes and meet with students in Lab. Lab meetings are often conducted with students sitting in between two teachers at a table in the faculty office that an entire department’s faculty shares, with little privacy in a space not conducive for individualized instruction.³²

The Building has no standard-sized student lounge or study hall to use as space for the New Facilities. The High School student lounge on the 3rd floor is only 518 SF, and there is no designated lounge area for the Middle School students, so students often congregate and study in hallways, frequently sitting on the floor. Nor can the cafeteria space be used for additional program. The cafeteria currently is fully utilized, which necessitates the staggering of lunch periods with fourth graders eating lunch in their classrooms. Middle School lunch periods need to start at 10:45 AM and are limited to 25 minutes, and the cafeteria is constantly utilized for lunch until 1:35 PM. Prior and after these times, the cafeteria is occupied by staff for preparation and clean-up.³³

3. The New Facilities Cannot be
Placed in Dalton’s Other Buildings

Dalton cannot expand its presence in 200 East 87th Street, the building in which Dalton is leasing the lowest five floors for the Physical Education Center, shown on the floor plans attached as Exhibit E, because the rest of this building is occupied by co-op apartments.³⁴

Nor can Dalton lease additional space in the 120 Building, the apartment building in which Dalton has leased space for offices on its 1st and 2nd floors (attached as Exhibit F are floor plans showing the space Dalton leases in the 120 Building), because (i) the rest of the 120 Building is rented as apartments, (ii) only the 1st floor of the 120 Building is near the same elevation as the floors of the Building and (iii) Dalton’s current lease expires June 30, 2020, so even if Dalton could obtain additional useful space in the 120 Building, the future of Dalton’s existing space would be in doubt at the time the lease expires. Finding expansion space off-site is not an option because traveling to the off-site locations diminishes class time (time is lost now when students travel to the Physical Education Center)³⁵ and an additional building or partial building for classes could have a greater impact on the community than the requested on-site expansion.

³² See the Taylor Letter.

³³ *Ibid.*

³⁴ See the Stein Letter.

³⁵ *Ibid.*

In sum, Dalton has done everything possible to fulfill its programmatic needs in its current structures and has diligently sought alternative solutions to its space and crowding issues prior to the subject application. However, the limitations of the Building prevent Dalton from providing its students with the STEM program it must provide.³⁶

Consequently, the only way Dalton can provide its students with an enhanced STEM program is by constructing the Enlargement.

The Proposed Enlargement

The Enlargement, set forth in the Proposed Conditions drawings and described in detail below, consists primarily of new STEM facilities and will provide the space Dalton needs to improve and expand its STEM program, particularly with respect to engineering.

A. Overview

The Enlargement would have two stories with approximately 12,200 SF of gross floor area. The 13th floor, containing approximately 6,100 SF of gross floor area, would have an approximately 480 SF machine room (the “Machine Room”), an approximately 1,200 SF High School robotics/engineering laboratory (the “High School Engineering Lab,” and together with the Machine Room, collectively, the “High School Facility”), an approximately 420 SF High School Computer Science classroom, an approximately 950 SF Middle School robotics/engineering lab (the “Middle School Facility”) and an approximately 500 SF Middle School Computer Science classroom. The 14th floor, also approximately 6,100 SF, would contain an approximately 1,300 SF greenhouse, an approximately 1,200 SF science research lab, and three classrooms, each approximately 460 SF each.³⁷

B. The Proposed 13th Floor

The 13th floor would contain the High School Facility, the Middle School Facility, a Middle School computer science classroom and a High School computer science classroom. A depiction of the layout and contents of the High School Facility and Middle School Facility is shown in Drawing No. SK-05, attached as Exhibit F-1

1. The High School Facility (approximately 1,700 SF)³⁸

The High School Facility, described in detail below, will include the approximately (i) 1,200 SF High School Engineering Lab, consisting of (a) Fabrication Laboratory Equipment, (b) Prototyping (Assembly) Space, (c) Robotics Area, and (d) Engineering Equipment and (ii) 480 SF Machine Room. It will introduce an innovative approach to engineering education that

³⁶ *Ibid.*

³⁷ The square footages of these rooms and other spaces in the Enlargement total less than 12,200 SF of gross floor area because they exclude wall thickness and represent only gross usable square footage.

³⁸ Unless stated otherwise, the information contained in this section is based on the Campbell Letter.

originated at the university level, specifically at MIT and Stanford, which is now being adopted in high schools and middle schools in other parts of the country, particularly in the west.

The two primary uses of the High School Facility will be by Dalton’s High School robotics and engineering classes.

A robotics class would use the Facility as follows: Each year, robotics classes are focused towards addressing the year’s particular challenge - last year’s challenge was to raise a basket full of balls as high as possible. The robotics class would discuss the problem around the work tables (prototyping/assembly space described below). The problem is analyzed and broken into steps- for instance, in this problem, a robot would need to flip a crate containing balls, pick up the balls, drop the balls in the crate, pick up the crate, and lift the crate. Then, small teams would research possible solutions (such as an arm or grabbing device). Small models of the solutions that seem most promising would be built using the equipment in the Engineering Lab, including possibly the “Fab Lab” equipment described below. The models are then used to demonstrate the mechanical solutions and tested on the robotics field, part of the robotics area described below. There would be many rounds of testing to increase the accuracy and proficiency of the robot. As the process progresses towards constructing a finished robot, the equipment and work benches in the Machine Room will be used.

An engineering class would use the Facility as follows: A typical assignment for an engineering class would be to create a clock. The class would start by meeting together as a group to discuss the assignment and then separate into smaller groups around the work tables in the Engineering Lab (the prototyping/assembly space). The class would then build small models of the clocks using paper, 3-dimensional printed models and laser cut pieces, which would require use of the “Fab Lab” equipment. The students would then present their models to each other, recording the presentations using the green screen. The class would then do another phase of prototyping which would require soldering and wiring electronic components using equipment in the High School Engineering Lab (the engineering equipment). This work would occur in small groups, and projects would need to be stored between classes, in the storage space in the Lab. This project would continue to a refined final product constructed in the Machine Shop.

A discussion of the five components of the High School Facility follows:

a. Fabrication Laboratory Equipment

The Fabrication Laboratory or “Fab Lab” equipment will likely consist of (a) a laser cutter for cutting shapes out of two dimensional materials such as plastic, wood, or metal, (b) computer numerical control (CNC) machine, which is an automated milling device that makes industrial components without direct human assistance, for 3-dimensional milling of materials, (c) a small

CNC machine for printed circuit boards and other fine-scale work, and (d) a 3-dimensional printer for printing 3-dimensional items out of plastic.³⁹

A well known Fab Lab course is the “How to Make Almost Anything” class at MIT and Century College in Minnesota.⁴⁰ Fab Labs are now being implemented in a few high schools and middle schools, including Marymount, here in New York City. Attached as Exhibit F-2 are photographs of Marymount’s Fab Lab, which is approximately 1,000 SF and serves around 300 total students.

Dalton’s art classes will also make use of the Fab Lab equipment, as Marymount has done. This would allow Dalton to incorporate art into its STEM program so it can provide “STEAM” education.

b. Prototyping (Assembly) Space⁴¹

The High School Engineering Lab will have a prototyping (assembly) space containing six meeting/working tables which will accommodate up to approximately 16 students (and the instructor) that will be in the lab at a time. This space will have multiple uses. Engineering and robotics classes would use it for the design, development, refinement and assembly of the models produced by the specialized Fab Lab equipment.⁴² This space could also be used for group discussions and collaboration. There will also be white or cork boards for instruction and design. A video and green screen for 3-dimensional modeling, motion capture, online classes, and communication with experts will also be included in the Engineering Lab for use by both robotics and engineering classes.

The workbenches in the prototyping/assembly space will also contain tools to be used by robotics and engineering students, as well as a prototyping station for building and testing scale models of robots or other engineering projects, and a lockable workbench for small drill press, miter saw, and power tools, which will be used for both robotics and engineering.

The photographs attached as Exhibit F-3 are of a prototyping space at the Nueva School outside of San Francisco, a private K-8 school.⁴³

³⁹ Rather than printing on paper, such a printer produces a fully-assembled model of an object. A design of a model is created using specialized software, which is then uploaded to the three-dimensional printer. The printer then lays down successive layers of material (liquid, powder, paper or sheet), which are fused to create the final, three-dimensional shape.

⁴⁰ <http://fab.cba.mit.edu/classes/MIT/863.08/>

⁴¹ Prototyping refers not to the creation of an advance model of a product before it is mass produced, but rather to the creation of an object, such as a part of a robot. For example, in the context of a robotics class, the project may be building a robot to raise a basket full of balls as high as possible. To address the problem, the class designs different robot parts, such as an arm or a grabbing device. Prototyping here refers to building small models of these robot parts, which are then tested to evaluate how well they work. If the part works well, the part is then built and becomes a part of the finished robot.

⁴² Several schools, such as Marymount, call both the Fab Lab equipment and the prototyping/assembly space the “Fab Lab.”

⁴³ <http://nuevaschool.org/programs/i-lab>

c. Robotics Area

Robots will either be constructed from scratch or will use some pre-built parts. The nature of the robots will change frequently, so the robotics area will need to have the tools to accommodate vehicular robots, legged robots, flying robots, lifting or hoisting robots, robots to study grasp, and robots to study vision. An example of such a robotics area, including constructed robots, is attached as Exhibit F-4, which are photographs from Dos Pueblos High School, a 9-12th grade public school in Galeta, California.

As shown on the attached depiction, the robotics area will include:

- a 12’X12’ field for constructed robots to be programmed and tested and to prepare for the FIRST Tech Challenge;⁴⁴
- Elevated programming station that overlooks test field;
- Storage for robot constructs;
- Battery charging station; and
- Overhead rigging and modular drive spaces with mounted cameras around test fields.

The Engineering Lab will also contain a soldering station with ventilation hood, storage for electronic components, including motor controllers and motors, and storage for raw materials, including aluminum.

d. Engineering Equipment

The engineering equipment will include a workstation, which will have function generators, oscilloscopes, frequency counter, high performance DC power supplies, three-phase autotransformers, power electronics converters, isolators, power meters, and switches, and soldering and oscilloscope stations. A typical workbench setup is shown in the photograph attached as Exhibit F-5.

e. Machine Room

The approximately 480 SF Machine Room would consist of equipment such as a band saw, air compressor, table saw, welding station, lathe, pipe cutter, grinder, sander and drill press. It will also contain two 5’ X 5’ work tables, a work bench and storage space for stock, paint, power tools, a power vacuum cleaner, screws, nuts and bolts. A depiction of the proposed Machine Room is shown in Exhibit F-1.

⁴⁴ This is the field that is currently temporarily set up in a classroom after school, which takes a total of an hour to set up and dismantle.

The room would be used by Dalton’s engineering and robotics classes to create the parts for their robots and projects, which will be assembled and tested in the High School Engineering Lab. An example of a machine room from the Dos Pueblos school is shown in Exhibit F-4.

Dalton needs the High School Facility because:

- It estimates between 85 and 110 High School students would take robotics if both the lecture and construction components of the course were provided during the school day, rather than after school and on weekends;
- Dalton wants its students to be able to enter the FRC competition and this space is needed for the construction of larger projects such as solar cars and gravity vehicles;
- Dalton wants to offer a variety of engineering electives, such as biological and electrical engineering, which require such a facility to construct and test projects;
- Dalton wants to offer, as an accredited course, participation in the Science Olympiad, a citywide competition combining engineering and science; and
- Dalton can integrate art into its STEM program, as Marymount has done, by offering new courses such as Computer Science and Art (Graphics) which need to utilize the specialized Fab Lab equipment.

2. High School Computer Science/Engineering Classroom (approximately 420 SF)⁴⁵

As described above, the single existing Computer Science classroom in Room 502-504 is completely utilized. An additional Computer Science classroom for High School students will allow:

- A greater number of High School students to take Computer Science courses. Last year 203 students signed up to take the course, but only 184 were able to be enrolled. This year, 254 students have signed up for next year and more students are expected to sign up in the future;⁴⁶
- An increase in 9th and 10th grade computer science classes from two to four per week; and

⁴⁵ The information contained in this section is based on the Campbell Letter.

⁴⁶ Presently, scheduling for the next school year is in process and course enrollments have not yet been finalized, though it is expected that the number of High School students that will be able to be enrolled in computer science will be approximately the same as the 184 that were enrolled last year.

- The introduction of new electives, such as Artificial Intelligence, Cryptography, Web Frameworks and Advanced Data Structures.

Placement of the classroom adjacent to the High School Facility would allow the specialized computer science classes to utilize the High School Facility for construction of the projects they are designing in class. This classroom is the size of a regular classroom.

3. The Middle School Facility (approximately 950 SF)⁴⁷

The Middle School Facility, like the High School Engineering Lab, will contain (a) Fab Lab Equipment, (b) Prototyping/Assembly Space, (c) Robotics Area and (d) Engineering Equipment (the Machine Room will be used by both High School and Middle School students). A depiction of the proposed Middle School Facility is shown in Exhibit F-1.

The two primary uses of the Middle School Facility will be by Dalton’s Middle School robotics and engineering classes.

A Middle School robotics class would use the Middle School Facility in a manner similar to the way a High School robotics class would use the High School Facility. The class would initially discuss the problem around the work tables (prototyping/assembly space described below) and then small teams would research possible solutions to these problems. Small models of the solutions would be built using the equipment in the Middle School Facility, including possibly the “Fab Lab” equipment. The models are then used to demonstrate the mechanical solutions and tested on the robotics fields, which is an ongoing process that requires constant use of the fields. Similar to the High School robotics classes, as the process progresses towards constructing a finished robot, the equipment and work benches in the Machine Room will be used.

A typical assignment in a fourth grade engineering class would include designing a new type of lamp. Students would be told to observe their family members and decide what type of new light source was needed. Then they would design a lamp to suit that need. The lamp would be designed on the white boards and tables in the Facility and a model would be produced on the 3-dimensional printer. Prototyping (assembly) of the lamp from parts made in the lab would take place on the work benches.

a. Fabrication Laboratory Equipment

As shown on the attached depiction, the facility will contain Fab Lab equipment such as a small laser cutter for cutting shapes out of two dimensional materials and a 3-dimensional printer for printing 3-dimensional items out of plastic.

⁴⁷ The information contained in this section is based on the Campbell Letter.

b. Prototyping (Assembly) Space

This space will have three tables and a work bench for design, fabrication, prototyping (assembly), testing of projects and instructional space (these tables will accommodate up to 16 Middle School students). There will also be white or cork boards for instruction, collaboration and design, as well as storage space for a power vacuum cleaner, models, projects and materials, including wood, paper and metal.

c. Robotics Area

The robotics area would have the same equipment that will be in the High School robotics area, except it will have two smaller robotics movement fields, totaling 12’ x 16’, one each for the FIRST Lego League and the RoboCupJr., the middle school FIRST competitions, and a robot storage and display for keeping old robots and demonstrating best construction practices.

d. Engineering Equipment

The engineering equipment will be similar to the equipment in the High School Facility, though the equipment in the Middle School Facility will be less sophisticated.

The Middle School Facility would allow Dalton to offer to Middle School students (i) robotics and other engineering courses, such as Intro to Lego Robotics, Scratch (Programming) and Intro to 3-Dimensional Modeling, and (ii) the opportunity to participate in the FIRST Lego League and the RoboCupJr., the middle school FIRST competitions.

There are 474 Middle School students. Dalton estimates that approximately 250 of these students will enroll in the courses described above.

4. Middle School Computer Science/Engineering Classroom (approximately 500 SF)

This classroom is needed so Dalton can offer computer science and engineering classes to Middle School students. Placement of the classroom adjacent to the Middle School Facility will facilitate the ability of students in the more advanced courses, such as Middle School Computer Science and Art (Graphics) and Intro to Drafting and Design, to move from the classroom to the Middle School Facility to fabricate the projects they are designing in the classroom.⁴⁸ This classroom is the size of a regular classroom.

C. The Proposed 14th Floor

The 14th floor would contain a science research lab, a greenhouse and three classrooms.

⁴⁸ See Campbell Letter.

1. Science Research Lab (approximately 1,200 SF) ⁴⁹

The approximately 1,150 SF Science Research Lab would have a “wet lab” for chemistry and biology projects and experiments, a “dry lab” for physics, and would greatly benefit Dalton and its STEM program as follows:

- Long term research projects - this year 48 students signed up for the DRP. However, the lack of a Science Research Lab meant that of these 48 students, the only students who could perform experiments were the 12 who could be placed at outside institutions. The studies of the other students were limited to theory. Dalton estimates construction of the Science Research Lab would increase participation in the DRP course to approximately 75 students. Students could work on a project for multiple school years, some for all four years of High School.
- 9th grade biology projects could extend through the entire school year, rather than be restricted to only 1/3rd of the year, which would expand the range of possible projects and enhance the educational experience.
- New Science electives, such as Quantum Mechanics, Advanced Environmental Science, Evolutionary Ecology, Astronomy II, Electronics, and Marine Biology that require lab projects could be taught.

The Science Research Lab needs to be 1,200 SF to accommodate the over-75 research projects that Dalton estimates will be kept in the lab for storage and observation. A typical project would be an investigation of the learning behavior of an ant colony in a food maze, which would require a terrarium of approximately 30” x 50” (approximately 10.5 SF). The space needed by over 75 research projects requires a room of approximately 1,200 SF, for these projects and the students who will be tending to them. In addition to the upper-grade long-term research projects, some 9th grade biology projects that extend through the entire school year will also be placed in the limited space remaining in the Lab.⁵⁰

2. Greenhouse (approximately 1,300 SF)

The approximately 1,300 SF greenhouse would be used by (i) Dalton’s Environmental Science class for food and agricultural studies and experiments with nutrient recycling and energy conservation, (ii) biology classes, for studies on plant function and growth, (iii) other classes that have units on plants or sunlight and (iv) Middle School and High School environmental clubs. Students could grow food, while learning hands-on about nutrition, biodiversity, and

⁴⁹ The information contained in this section is based on the Hopkins/Brizzolara Letter.

⁵⁰ It is anticipated that Room 406 will continue to be used for storage and observation of approximately 33 of the 9th grade biology projects.

conservation. The food produced in the greenhouse could be used in the school cafeteria or to teach cooking lessons.⁵¹

Similar greenhouses have been constructed for local schools by New York Sun Works, a non-profit organization. A standard New York Sun Works greenhouse includes agricultural systems for the production of fresh, perishable vegetables, solar panels, a system for the collection of rainwater for use in the greenhouse, a low-carbon heating and low-energy cooling system, a dedicated classroom space, and weather station.⁵² Greenhouses designed and constructed by New York Sun Works are typically larger than the size of the greenhouse proposed to be contained in the Enlargement. For instance, the greenhouse at the Manhattan School for Children on West 93rd Street is 1,420 SF.⁵³ Attached in the Appendix is a list of New York Sun Works greenhouses in New York City public schools that have either been constructed, are being built this fall, or are in the design phase. As shown, each of these six greenhouses is at least 1,400 SF, with the largest being over 2,400 SF.

3. Additional Classroom Space (approximately 460 SF each)

As shown above, Dalton’s regular classrooms effectively have a 90% utilization rate, which makes it virtually impossible for Dalton to add additional sections of popular classes or new subjects its faculty would like to offer because of the inability to match the few periods in which rooms are not occupied with teacher and student availability. To provide flexibility for these additional sections and subjects, the Enlargement includes three classrooms. Two possible uses for the classrooms are foreign language and mathematics.

- Foreign Language Classroom for 4th and 5th Grades

Currently, foreign language starts in the 5th grade. Classes are held in regular classrooms, which lack language- and culture-specific materials. Dalton wants to extend foreign language to the 4th grade, as studies show the earlier children are exposed to a foreign language the more proficient they will become. Dalton believes the best way for the 4th and 5th graders to learn a new language is through immersion methodology, which includes establishing a culturally rich classroom environment. The classroom would have objects and boards sporting the “realia” materials for each language and a library with foreign language-specific reading materials. The classroom may also allow Dalton to add new foreign languages, such as Hindi, Arabic, Russian and Brazilian Portuguese.⁵⁴

- Specially-Designed Mathematics Room

The room would be interactive, with writeable walls and no front, in which the emphasis is not on an instructor lecturing in front of the room. It would be conducive for group work on

⁵¹ *Ibid.*

⁵² <http://nysunworks.org.s46880.gridserver.com/?s=thegreenhouseproject>

⁵³ <http://www.theepochtimes.com/n2/united-states/rooftop-greenhouse-revolutionize-city-schools-47075.html>

⁵⁴ The information contained in this section is based on the letter from Lori Langer de Ramirez, chair of Dalton’s World/Classical Languages & Global Language Initiatives, dated June 5, 2013, attached hereto as Exhibit Q.

problem sets in and outside of class, support math “Lab” meetings, house classes for the expanded Math team, two new classes Dalton is preparing to offer which emphasize group work on problem sets rather than traditional lectures, and a new Game Theory class for seniors.⁵⁵

Pending Violations

There are no open violations on the Property.

⁵⁵ The information contained in this section is based on the letter from Lisa Borenstein, chair of Dalton’s Mathematics Department, dated June 5, 2013, attached hereto as Exhibit R.

The Objections

The Department of Buildings has objected to the proposed Enlargement in an objection stamped denied as of July 9, 2013, as follows:

| Obj. # | Code Section | Objections |
|-------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Maximum Base Height ZR 24-522(b) ZR 23-633 | Proposed base height exceeds 60’; contrary to ZR 24-522(b) & ZR 23-633. |
| 2. | Front Setback ZR 24-522(b) ZR 23-633(b) | Proposed front setback is less than 15’; contrary to ZR 24-522(b) & ZR 23-633(b). |
| 3. | Maximum Height ZR 24-522(b) ZR 23-633 | Proposed building height exceeds 75’; contrary to ZR 24-522(b) & ZR 23-633. |
| 4. | Rear Setback ZR 24-552(b) | Proposed rear setback above 60’ is less than 10’; contrary to ZR 24-552(b). |
| 5. | Floor Area Ratio ZR 24-11 | Proposed FAR for zoning lot containing only Community facility use exceeds 5.10 maximum for R8B District within Community Board 8, Manhattan. |
| 6. | Permitted Obstructions (Mechanical Space) ZR 24-51(f)(3) | Proposed mechanical equipment exceeds maximum allowed for permitted obstructions; contrary to ZR 24-51(f)(3). ⁵⁶ |

The Board Should Grant the Proposed Amendment to the Variance Allowing the Enlargement for Dalton to Provide for its Programmatic Needs

We explain below that the New York State Court of Appeals has set forth the standards by which a zoning board should review an application of a school to expand its facility in order provide for its programmatic needs, and that the Board has granted relief pursuant to those standards in cases similar to this application.

A. Relevant Legal Standard

The New York State Court of Appeals has held that in a residential district educational institutions cannot be required to show an affirmative need to expand as a condition precedent to the issuance of a discretionary approval by a zoning board. *See, e.g., Cornell University v.*

⁵⁶ Due to a late redesign of the rooftop mechanical equipment, the mechanical equipment complies with the requirements for permitted obstructions set forth in ZR 24-51(f)(3) and thus a waiver from this provision is not required. A revised objection sheet is in the process of being submitted and will be furnished to the Board as soon as it is obtained.

Bagnardi, 68 N.Y.2d 583 (1986); Lawrence School Corp. v. Lewis, 578 N.Y.S.2d 627 (N.Y.A.D. 2 Dept., 1992). We understand the Court of Appeals’ holdings to mean that a zoning board cannot deny a special permit or variance, or an amendment thereto, to a school seeking to expand its facilities because the zoning board does not believe the school needs the new or expanded program the school is seeking to provide in the expanded facility.

The *Cornell* court also held that because “schools, public, parochial, and private, by their very nature, singularly serve the public’s welfare and morals,” zoning boards in New York should allow schools to expand into residential areas unless a particular proposed expansion “would unarguably be contrary to the public’s health, safety or welfare.” *Id.* at 593, 595. *Cornell* crystallized the Court of Appeals’ long-standing presumption in favor of educational and religious uses in residential areas. *See Diocese of Rochester v. Planning Bd. of Town of Brighton*, 1 N.Y.2d 508, 526 (1956) (“schools and accessory uses are, in themselves, clearly in furtherance of the public morals and general welfare”). Under this standard, the court has held that, for example, the potential adverse impacts on “use, enjoyment and value of properties in the surrounding areas” and on “the prevailing character of the neighborhood” are “insufficient bas[e]s on which to preclude” the substantial expansion of a religious facility in a residential neighborhood. *Westchester Reform Temple v. Brown*, 22 N.Y.2d 488, 494 (1968).

The variance sought here would allow Dalton to add 12,200 gross SF of instructional and research space in two additional floors at the top of the Building. The Enlargement will not lead to an increase in enrollment, nor will it result in additional traffic in the area. The principal affect will be on the eastern views of apartments on the top floors of 1095 Park Avenue, the building to the immediate west of the Dalton School.

In a similar application, St. Bernard’s School applied to the Board for a special permit to construct a 21,732 SF addition which would “brick up” three windows in an adjacent building and negatively impact the views from other of its apartments. *Two East Ninety Eighth St. v. Bd. of Stds. & Appeals*, Sup. Ct., N.Y. County, April 10, 1997, Williams, J., Index No. 109380/96, *aff’d* 251 A.D.2d 261 (App. Div. 1998) (these two opinions are provided as Exhibit G). The Board’s unanimous resolution granting the special permit (150-95-BZ - provided as Exhibit H) states:

“although the Board acknowledges that the light and air of some windows in adjacent buildings will be affected by the applicant’s proposal, it notes that...at most, there will be three additional lot line windows affected by this proposal that are in the setback that would be required with an as-of-right enlargement.”

When the Board’s grant of the special permit was challenged before the Supreme Court, the New York City Corporation Counsel offered its opinion of the law as follows:

“[t]he fact that these facilities may interfere with the use and enjoyment of surrounding dwellings is not a sufficient basis for preventing their establishment or expansion in residential districts.” Brief of Respondent at 43, *Two East Ninety Eighth St. v. Bd. of Stds. & Appeals* attached as Exhibit I.

The Supreme Court upheld the grant of the special permit under *Cornell*, finding that an impact on the views of several neighboring apartments is not contrary to the public’s health, safety, or welfare. In upholding the BSA’s resolution, the court found “considerable evidence in the record to support the BSA’s finding that the only disadvantage of this proposal was not to the community at large, but rather to some of the residents of one neighboring building” whose views would be diminished. *Two East Ninety Eighth St. v. Bd. of Stds. & Appeals*. The Appellate Division held that the Supreme Court’s decision was “unanimously affirmed for the reasons stated by Williams, J.” 251 A.D.2d 261 (App. Div. 1998).

We note that in *Two East Ninety Eighth Street* three windows would be “bricked up” by the proposed action, unlike here, where the windows at 1095 Park Avenue would be 9’ to 14’10” from the proposed Enlargement, or its elevator bulkhead and up to approximately 25’ from the rooftop screen.

The Two East Ninety Eighth Street decision is consistent with other cases in which courts have upheld the Board’s grants of discretionary relief to educational institutions. See *322 Realty Corp. v. Bd. of Stds. & Appeals*, Sup. Ct., N.Y. County, March 2001, Madden, J., Index No. 105010/00 (upholding the Board’s grant of a variance to Columbia Grammar School to allow construction of a five-story, 21,136 SF addition); *Dwight School Neighbors v. Bd. of Stds. & Appeals*, Sup. Ct., N.Y. County, April 7, 2004, Schlesinger, J., Index No. 105707/03, *aff’d* 12 A.D.3d 248 (App. Div. 2004) (upholding the Board’s grant of a variance to The Dwight School to allow a one-story rear yard addition).⁵⁷

As explained below, we believe that the Enlargement’s affect would not fail the public health, safety, or welfare test articulated by the *Cornell* court and followed by the Board in the applications of The St. Bernard’s School, The Columbia Grammar School and The Dwight School, and that the Proposed Amendment is consistent with the Board’s findings in granting the Variance and Special Permit.

B. Dalton’s Programmatic Need to
Enhance its STEM Program
Requires Construction of the Enlargement

As explained in detail above, Dalton needs the Enlargement in order to carry out its program, particularly in the STEM areas and especially with respect to technology and engineering. The Enlargement would contain the High School Facility, the High School computer science/engineering classroom, the Middle School Facility, the Middle School computer science/engineering classroom, the greenhouse, Science Research Lab, and three classrooms. The New Facilities will provide Dalton with sufficient space for engineering and robotics instruction, design, construction and testing, using cutting edge equipment, allowing more students, including its Middle Schoolers, to study engineering, robotics and computer science

⁵⁷ The amount of square feet added by the Dwight School was not specified by the court and is not available in the trial court documents.

and offer a greater variety of courses in these areas. The science lab space and greenhouse will permit a greater diversification of Dalton’s science offerings and allow more students to engage in independent research projects, and the new classroom space would allow Dalton to add additional sections of popular classes or new subjects its faculty would like to teach.

The Building’s configuration constitutes a unique physical condition on the Zoning Lot, which causes Dalton practical difficulties and unnecessary hardship that prevent Dalton from being able to carry out its proposed program in the Building, particularly in the STEM areas. As stated above, Dalton’s regular classrooms have an adjusted-utilization rate of around 90%, and there is no other space in the Building, such as offices, cafeteria or lounge, that can be used for the facilities Dalton needs for its proposed program. Therefore, Dalton’s programmatic needs require construction of the Enlargement.

Construction of the Enlargement would increase the Building’s non-compliance with, and requires relief from, the applicable maximum base height, maximum building height, front setback, rear setback, and FAR requirements of the Zoning Resolution, for which the Proposed Amendment is sought.

Strict application of the Zoning Resolution would serve no public purpose and would operate as a severe constraint on Dalton’s functioning as an academic institution. This hardship is not one that is generally applicable to uses located in the neighborhood in which the Zoning Lot is located, which is predominately residential in nature. There is only one other school within 400 feet of the Property, PS M169 (Robert F. Kennedy School), directly south of the Property, at 110 East 88th Street, which occupies the lower floors of a 38-story residential tower.

As discussed above, the Court of Appeals has held that zoning boards should allow schools to expand into residential areas unless a proposed expansion “would unarguably be contrary to the public’s health, safety or welfare.” Dalton believes that the proposed Enlargement would not be contrary to the public’s health, safety or welfare and consequently the Board should approve this application.

C. The Enlargement Would Not be Contrary to
the Public’s Health, Safety or Welfare

Because the Enlargement is designed to serve the existing school enrollment, there will be no resulting increase in the use of the Building, and thus no increase in pedestrian or vehicular traffic in the area.

The Enlargement would not alter the essential visual character of the neighborhood. Increasing the stories in the Building from 12 to 14 would raise its height by 26’-7” to 170’-5”.⁵⁸ As shown on the attached area map (Exhibit J) there are many similarly tall buildings in the neighborhood. Of the 152 buildings shown, from 85th Street to 91st Street between Lexington and Madison Avenues, there are 45 buildings over 13-stories, including two on the Building’s

⁵⁸ The roof of the proposed greenhouse peaks at a height of 6’5” above this roof level.

block- the property immediately to the west of the Building Lot, 1095 Park Avenue, which is improved with an 18-story building, which extends approximately 50 feet into the R8B district, and the building on the southeast corner of the Building’s block, 1085 Park Avenue, which is 15-stories. There are also five buildings over 10-stories, and nine over seven stories.

The use or development of adjacent property will not be substantially impaired should the Proposed Amendment be granted. The principal impact of the Enlargement, as shown on Drawing No. A-501.00 (Exhibit K) and discussed below, will be on the eastern views from and light and air to the windows on the upper stories of 1095 Park Avenue (“1095”), the building immediately to the west of Dalton. 1095 is an 18-story building, with its zoning lot having 159 feet of frontage on East 89th Street. The western 100 feet are in an R10 district, and the remaining 59 feet, including the portion in which the affected windows are located, are in the same R8B district as the Building.

The Enlargement and the elevator bulkhead would be 9’ to 14’10” from the affected windows in 1095 and the acoustic screen⁵⁹ on the roof of the Enlargement would be approximately 25’ away from the affected windows. The Enlargement, the elevator bulkhead, and the screen would adversely affect the views from and light and air to windows on the 15th through 18th floors,⁶⁰ and would obstruct the light and air to some windows on the 14th floor of 1095.

Under the relevant legal standards discussed above, we do not believe the obstruction of the views from and light and air to the affected windows should be considered unarguably contrary to the public’s health, safety or welfare.

The Enlargement will also be visible from the following other buildings in the area that are of comparable size or taller than the Building (see Drawing No. SK-03.00 attached as Exhibit L):

| Building Address | No. of Stories | Approx. Distance from Enlargement |
|----------------------------------|----------------|-----------------------------------|
| 1105 Park Avenue | 14 | 100’ |
| 120 East 90 th Street | 15 | 300’ |
| 1111 Park Avenue | 14 | 300’ |
| 1327 Lexington Avenue | 11 | 350’ |
| 1057 Park Avenue | 14 | 350’ |
| 115 East 87 th Street | 38 | 350’ |
| 1100 Park Avenue | 18 | 400’ |
| 160 East 88 th Street | 15 | 400’ |
| 1290 Lexington Avenue | 16 | 400’ |
| 1125 Park Avenue | 14 | 400’ |
| 1065 Park Avenue | 30 | 400’ |

⁵⁹ Dalton has tried to mitigate the affect of the acoustic screen by making it the lowest permitted by the New York City Noise Code and having its top 5’6” made out of glass.

⁶⁰ The Enlargement, the elevator bulkhead, and acoustic screen would not be directly in front of the 18th floor, though the screen, which would be approximately 25’ away from 1095, would affect the downward views from the windows on this floor.

| | | |
|------------------|----|------|
| 1112 Park Avenue | 15 | 450' |
| 1060 Park Avenue | 14 | 450' |

Because the Enlargement would be several hundred feet from and on an angle with most of the above buildings, it would occupy only a few degrees in the field of vision from most of the windows from which it is visible.

In addition, the six buildings on the north side of East 89th Street immediately opposite the Building (107-121 East 89th Street) are less than 9-stories tall. The Enlargement would be visible in part of the upward field of vision from the south-facing windows in these buildings. Similarly, the Enlargement would be visible in part of the upward field of vision from the north-facing windows on the rear of two buildings, 107 East 88th Street (7 stories) and 111 East 89th Street (11 stories), which are directly south of the Building.

The Enlargement would be fully enclosed and no student access will be permitted on the roof; therefore, there will be no affect with respect to noise from the Enlargement on adjacent properties.

The Enlargement will contain aspects that will contribute positively to the neighborhood, aesthetically and environmentally. The proposed Enlargement’s brick façade will be attractive. The current stucco-facing of the 11th and 12th floors, the two existing upper floors of the Building, will be replaced with brick to match the façade of the Enlargement and the rest of the Building. The Enlargement is also planned to contain a green roof on part of its roof. The plant materials on the roof are an aesthetic enhancement over the current roof and will provide an environmental benefit to the community by making the Building more ecologically sustainable.

In granting the Special Permit and the Prior Amendment thereto, the Board made the required findings under Sections 73-03, 73-64 and 73-641 of the Zoning Resolution. For the same reasons discussed above with respect to the Variance, the Proposed Amendment to allow Dalton to construct the Enlargement is consistent with the Board’s findings in granting the Special Permit.

If granted, the Proposed Amendment will provide advantages to the surrounding community by permitting Dalton to better serve its students, some of whom live in the neighborhood, and provide an essential service to the community.

Dalton is a vital community facility that serves 1,305 students from all walks of life in New York City. Dalton is actively committed to having a diverse community and enrolling students with wide ranging talents, background and experience. As of 2011, 47% of Dalton’s kindergartners are members of diverse groups⁶¹ and in 2012 21% of Dalton students received financial aid, amounting to 16% of tuition dollars.⁶² In order to graduate, High School students are required to

⁶¹ http://www.nytimes.com/2011/12/19/education/dalton-schools-admissions-director-babby-inspires-endless-opinion.html?pagewanted=all&_r=0

⁶² See Stein letter.

complete four community service project “credits,” with each project representing a sustained, meaningful commitment to one agency or cause. Student service opportunities include volunteering in soup kitchens, hospitals and after-school programs such as the East Harlem Tutorial Program.⁶³

Dalton’s rigorous, innovative educational curriculum benefits more than just its student body. For instance, Dalton has joined with other schools in founding the Global Online Academy, which enables its students and teachers to learn, collaborate and innovate with schools and educators around the globe, as students study and exchange new ideas with their diverse global counterparts.⁶⁴

⁶³ http://www.dalton.org/program/high_school/co-curricular/service_learning

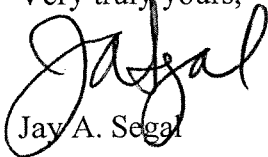
⁶⁴ <https://www.dalton.org/goa?rc=1>

Conclusion

Dalton is proposing to expand its Building for only the second time in eighty-four years. The proposed Enlargement is an imperative for Dalton to provide the program needed by its students and vital to Dalton's ability to remain one of the city's most effective and pioneering educational institutions. This application presents evidence which meets the Court of Appeals' standards set forth in *Cornell* and other applicable cases and is consistent with the Board's findings under Sections 72-21, 73-03 and 73-64 of the Zoning Resolution in granting the Variance and Special Permit.

On the basis of the foregoing, the applicant respectfully requests that the Board grant the Proposed Amendment.

Very truly yours,



Jay A. Segal

Enclosures

cc: The Honorable Daniel R. Garodnick, Council Member
The Honorable Scott M. Stringer, Manhattan Borough President
The Honorable Nicholas D. Viest, Community Board 8 Manhattan, Chair
Edith Hsu-Chen, Department of City Planning, Director, Manhattan Office
Jed Weiss, Executive Zoning Specialist, Department of Buildings
Cheryl Cohen Effron, President of the Board, Dalton
Ellen Stein, Head of School, Dalton
Brenda Levin
Daniel G. Egers, Esq.

Appendix

COURSES ADDED OR EXPANDED SINCE 2002-2003⁶⁵

- Robotics
- Engineering
- New science research program
- Pop Foods
- Math Team
- Expansion of Computer Science
- Expansion of Mandarin
- Extending Foreign Language into 5th grade
- Expansion of Creative Writing program

LIST OF GREENHOUSES PRODUCED BY NEW YORK SUN WORKS⁶⁶

BUILT:

PS 333, 154 West 93rd Street, Manhattan, K-8th grade: 1,440 SF

BUILDING FALL 2013:

PS 84, 250 Berry Street, Brooklyn, Pre-K-5th grade: 1,644 SF

DESIGN PHASE:

NEST+m, 111 Columbia Street, Manhattan, K-12th grade: 1,850 SF
PS 199, 270 West 70th Street, Manhattan, K-5th grade: 2,424 SF
Brooklyn School of Inquiry, 50 Avenue P, 4th Floor, K-5th grade: 2,100 SF
MS M245, The Computer School, 100 West 77th Street, Manhattan, 5-8th grade: 1,500+ SF*

*This greenhouse is not yet designed, but will likely be in excess of 1,500 SF.

⁶⁵ See the Stein Letter.

⁶⁶ New York Sun Works’ Director of Development and Events

CORRECTIONS

CORRECTION*

The resolution adopted October 29, 1991 under Calendar Number 866-49-BZ Vol. III and printed in Volume LXXVI Bulletin No. 45 is hereby corrected to read as follows:

866-49-BZ Vol. III

APPLICANT—Carl A. Sulfaro, Esquire, for Sun Refining and Marketing Company, owner.

SUBJECT—Application June 17, 1991—request to waive the Rules of Procedure and to obtain a Certificate of Occupancy which expired on January 19, 1989—application previously granted *on condition* under Z.R. §7c and §7e, permitting in a local retail residence use district, the extension of the existing service station building on the same plot, also to install four (4) additional gasoline tanks.

PREMISES AFFECTED—200-01/07 47th Avenue, northeast corner of Francis Lewis Boulevard, Bayside, Block 5559, Lot 75, Borough of Queens.

COMMUNITY BOARD #11Q.

APPEARANCES—

For Applicant: Carl A. Sulfaro.

ACTION OF BOARD—Rules of Procedure waived, and application reopened and time extended to obtain a Certificate of Occupancy.

THE VOTE TO CLOSE HEARING—

Affirmative: Chairman Silva, Commissioner Tamm, Commissioner Lawrie, Commissioner Chen 4

Negative: 0

Absent: Commissioner O'Keefe 1

THE VOTE TO GRANT—

Affirmative: Chairman Silva, Commissioner Tamm, Commissioner Lawrie, Commissioner Chen 4

Negative: 0

Absent: Commissioner O'Keefe 1

THE RESOLUTION—

WHEREAS, a public hearing was held on the application on October 29, 1991, after due notice by publication in the *Bulletin*.

Resolved, that the Board of Standards and Appeals does hereby *reopen and amend* the resolution adopted on March 21, 1950 as amended through January 19, 1988 only as to the time to obtain a Certificate of Occupancy, so that as amended this portion of the resolution shall read:

"that a Certificate of Occupancy shall be obtained within one (1) year from the date of this amended resolution."

(Alt. 436/1962)

Adopted by the Board of Standards and Appeals, October 29, 1991.

(corrected in Bulletin No. 13, Vol. LXXVII dated March 26, 1992.)

*The resolution is corrected to show the correct Calendar number which is 866-49-BZ Vol. III rather than 886-49-BZ Vol. III.

CORRECTION*

The resolution adopted March 3, 1992 under Calendar Number 360-65-BZ and printed in Volume LXXVII Bulletin No. 11 is hereby corrected to read as follows:

360-65-BZ **3-17-92**

APPLICANT—Shelly S. Freidman, Esquire, for The Dalton School, owner.

SUBJECT—Application September 4, 1991—reopening for an amendment of the resolution—proposed alterations—the existing tenth floor mezzanine will be expanded for additional classroom space and redesignated as the eleventh floor. A new floor slab will be installed into the double height gymnasium to create two (2) new classroom floors, in order to illuminate the new 12th and 13th floors, windows will be added on the 89th Street facade and two skylights will be constructed, also a new cornice, water tank enclosure, and elevator penthouse will be constructed—application previously granted *on condition* under Z.R. §72-21 and §73-641, permitting in an R8 district, the erection of a one (1) story enlargement to a school that increases the degree of non-compliance in floor area ratio, sky exposure plan and rear set-back.

PREMISES AFFECTED—108/14 East 89th Street, south side, 144'43" west of Lexington Avenue, Block 1517, Lot 62, Borough of Manhattan.

COMMUNITY BOARD #8M.

APPEARANCES—

For Applicant: Valerie Campbell and Shelly S. Freidman.

For Administration: John Scrofani, Fire Department.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO GRANT—

Affirmative: Chairman Silva, Commissioner Tamm, Commissioner Lawrie, Commissioner O'Keefe and Commissioner Chen 5

Negative: 0

THE RESOLUTION—

Whereas, Community Board #8M recommended approval which was received on February 7, 1992; and

WHEREAS, the applicant requested an amendment of the resolution; and

WHEREAS a public hearing was held on this application on February 11, 1992 after due notice by publication in the *Bulletin*, laid over to March 3, 1992 for decision.

Resolved, that the Board of Standards and Appeals does hereby *reopen and amend* the resolution pursuant to Sections 72-01 and 73-11 of the Zoning Resolution, said resolution having been adopted on June 8, 1965 by adding thereto:

"The proposed alterations—the existing tenth floor mezzanine will be expanded for additional classroom space and redesignated as the eleventh floor. A new floor slab will be installed into the double height gymnasium to create two (2) new classroom floors, in order to illuminate the new 12th and 13th floors, windows will be added on the 89th Street facade and two (2) skylights will be constructed, also a new cornice, water tank enclosure, and elevator penthouse will be constructed substantially as shown on revised drawings numbered Z1 thru Z25, marked "Received February 14, 1992"—twenty five (25) sheets and existing drawings numbered E1 thru E22 marked "Received by February 14, 1992"—twenty two (22) sheets *on condition* that other than as herein amended the resolution above cited shall be complied with in all respects and that a new Certificate of Occupancy shall be obtained within two (2) years from the date of this amended resolution."

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CORRECTIONS

(DOB 106274392)

Adopted by the Board of Standards and Appeals, March 3, 1992.

(corrected in Bulletin No. 13, Vol. LXXVII dated March 26, 1992.)

*The resolution is corrected to include the words; "that a new Certificate of Occupancy shall be obtained within two (2) years from the date of this amended resolution."

CORRECTION*

The resolution adopted February 11, 1992 under Calendar Number 25-89-BZ and printed in Volume LXXVII Bulletin No. 8 is hereby corrected to read as follows:

25-89-BZ

APPLICANT—Taylor Clark Architects, Incorporated, for St. John's Queens Hospital, Division of Catholic Medical Center of Brooklyn and Queens, Incorporated, owner.

SUBJECT—Application January 12, 1989—Under Z.R. §72-21, §73-48, §73-481 and §73-49, to permit within an R6B district, the proposed construction of an off-site parking garage, accessory to a community facility (Use Group 4), which is non-complying in regards to lot coverage, front, side, and rear yards, location of access to street, roof parking, and number of permitted parking spaces.

PREMISES AFFECTED—58-04 Hoffman Drive, southeast corner of the intersection of Hoffman Drive and 58th Avenue, Block 2860, Lot 16 (tentative), Borough of Queens.

COMMUNITY BOARD #4Q.

APPEARANCES—

For Applicant: Philip P. Agusta.

RECOMMENDATION OF COMMUNITY BOARD—

Opposed to the Application.

ACTION OF BOARD—Application granted on condition.

THE VOTE TO GRANT—

Affirmative: Chairman Silva, Commissioner Tamm, Commissioner Lawrie and Commissioner Chen. 4

Negative: Commissioner O'Keefe. 1

THE RESOLUTION—

WHEREAS, a public hearing was held on this application on August 13, 1991, after due notice by publication in the *Bulletin*, laid over to October 8, 1991, November 19, 1991, January 28, 1992 and then to February 11, 1992 for decision; and

WHEREAS, the decision of the Borough Superintendent, dated January 4, 1989, and updated through January 28, 1992, acting on N.B. Applic. #1352/88, reads:

1. Proposed permitted parking facility for a community facility use (St. John's Queens Hospital) located in an R6B Zoning District, as proposed is contrary to the following bulk regulations:

- A. Lot Coverage exceeds permitted, contrary to §24-11 Z.R.
- B. Side yards less than 8" contrary to §24-35 Z.R.
- C. Rear yard not provided contrary to §24-33 Z.R. and §24-36 Z.R.
- D. No front yard of 5' is provided, contrary to §24-34 Z.R.

E. Height of building exceeds 35', and no rear and front S.E.P. is penetrated, contrary to §24-523 Z.R.

F. Minimum distance to entrance of 50' not provided contrary to §25-63 Z.R.

2. Refer to BSA for roof parking above the 4th floor level (§25-11 Z.R.)

3. Refer to BSA for permitted parking over 150 spaces (§25-141 Z.R.)

and

WHEREAS, the premises and surrounding area had a site and neighborhood examination by a committee of the Board consisting of Chairman/Commissioner Gaston Silva, R.A., Commissioner Arno Tamm, R.A., Commissioner Suzanne O'Keefe, R.A. and Commissioner Wellington Z. Chen; and

WHEREAS, the Board has adopted a Negative Declaration issued pursuant to 6 NYCRR Part 617; and

WHEREAS, this is an application pursuant to Z.R. §72-21, §73-48, §73-481 and §73-49, to permit in an R-6B district, an off-site parking garage, accessory to a community facility (Use Group 4) which is non-complying in regards to lot coverage, front, side and rear yards, location of accessory use, roof parking and number of permitted parking spaces; and

WHEREAS, the subject site is an irregularly shaped parcel, with a high water table, located between two community facilities, namely an adjacent park and medical offices, and is currently used as an accessory parking facility for a hospital located across the street; and

WHEREAS, these unique conditions create a practical difficulty in developing an accessory parking facility which is complying; and

WHEREAS, the subject site is owned by a non-profit institution and therefore financial hardship need not be demonstrated; and

WHEREAS, the evidence in the record indicates that the entrance and exit of the proposed facility is located on Hoffman Drive, a one-way street, and that traffic will be directed only through Hoffman Drive which is developed primarily with non-residential uses, so as to draw a minimum of vehicular traffic to and through local streets in the surrounding residential area; and

WHEREAS, the proposed parking garage has adequate reservoir space at the vehicular entrance to accommodate fourteen (14) automobiles; and

WHEREAS, the proposed parking garage was originally designed as a 5½ story building with three hundred forty six (346) spaces but was subsequently modified to a 4½ story building providing two hundred ninety (290) spaces, thereby reducing the vehicular impact on the surrounding neighborhood; and

WHEREAS, the applicant has prepared a traffic impact analysis in 1989 and parking accumulation studies in 1992, which indicate that the proposed parking garage will not cause significant traffic impacts in the area; and

WHEREAS, Hoffman Drive, the street providing access and egress to the parking garage, will be adequate to handle the traffic generated thereby; and

WHEREAS, the proposed roof parking will have a 6 foot parapet wall to shield cars from the street and adjacent buildings and is located so as not to impair the essential character or the future use or development of adjacent areas; and

WHEREAS, the history of development of the surrounding area indicates this proposal will not adversely affect the character of the surrounding neighborhood which has several community facilities, including St. John's hospital, which has been

MINUTES

PREMISES AFFECTED—705 East 189th Street, west side, 40.01 feet north of East 189th Street, Block 3091, Lot 96, Borough of The Bronx.

APPEARANCES—

For Applicant: Robert J. Crinnion and L. Minelli.

ACTION OF BOARD—Appeal granted on condition.

THE VOTE—

Affirmative: Chairman Foley, Commissioner Becker and Commissioner Klein 3

Negative: Vice Chairman and Commissioner Fox 2

THE RESOLUTION—

WHEREAS, the decision of the Borough Superintendent, dated March 12, 1965 on Alt. Applic. 10-65, reads:

"A-4 Proposed cellar apartment does not comply with Sec. 34 Sub. 1 'B' 1 'D' M.D.L."

and

WHEREAS, the premises were inspected by a committee of the Board, which recommended that the appeal be granted under certain conditions.

Resolved, that the decision of the Borough Superintendent, dated, March 12, 1965, acting on Alt. Applic. 10-65, Objection No. A-4 be and it hereby is modified under the powers vested in the Board by Section 310 of the Multiple Dwelling Law, and that the appeal be and it hereby is granted, on condition that all of the requirements in the Resolution adopted by the Board this day under Calendar Number 340-65-BZ shall be complied with.

360-65-BZ 6-8-65

APPLICANT—Ferrenz & Taylor for Dalton Schools Incorporated, owner.

SUBJECT—Application March 25, 1965 — decision of the Borough Superintendent, under Sections 72-21 and 73-641 of the Zoning Resolution, to permit in a R8 district, the erection of a one story enlargement to a school that increases the degree of non-compliance in floor area ratio, sky exposure plane and rear set-back.

PREMISES AFFECTED—108-114 East 89th Street, south side, 144.43 feet west of Lexington Avenue, Block 1517, Lot 62, Borough of Manhattan.

APPEARANCES—

For Applicant: David Abrams and M. Saitta.

For Opposition: Donald Mac Donald.

ACTION OF BOARD—Application granted on condition.

THE VOTE—

Affirmative: Chairman Foley, Vice Chairman Kleinert, Commissioner Fox, Commissioner Becker and Commissioner Klein 5

Negative: 0

THE RESOLUTION—

WHEREAS, a public hearing was held on this application on May 25, 1965, after due notice by publication in the Bulletin; laid over to June 8, 1965; hearing closed; and

WHEREAS, the decision of the Borough Superintendent, dated March 12, 1965 acting on Alt. Applic. 118/1965, reads:

"1. Proposed extension is contrary to Sec. 54-31 of Zoning Resolution as follows:

- Existing floor area ratio already exceeds that permissible under Sec. 24-11 of the Zoning Res.
- Additional story requires a minimum front set-back of 20', measured from the street line. As per Sec. 24-522 of the Zoning Resolution.
- Additional story requires a minimum rear set-back of 20' measured from the required rear

yard line. (50'0" measured from the rear lot line). As per Sec. 24-552 of the Zoning Resolution."

and

WHEREAS, the premises and surrounding area were inspected by a committee of the Board which recommended that the application be granted; and

WHEREAS, the Board finds under Section 72-21 of the Zoning Resolution that there are practical difficulties arising from the construction of the building itself in an area of high buildings, that the variance will not alter the character of the neighborhood, that the difficulty was not brought about by the owner or a predecessor in title but by the need for expansion and that the variance required is a minimum one; and

WHEREAS, the Board finds under Section 73-641 of the Zoning Resolution that this modification is required to provide an essential service, that there is no other way to design the enlargement to produce an integrated development and that this modification is the minimum necessary.

Resolved, that the Board of Standards and Appeals does hereby make a variation in the application of the use and area district regulation of the Zoning Resolution and that the application be and it hereby is granted under Sections 72-21 and 73-641 of the Zoning Resolution, to permit in an R-8 district, the erection of a one-story enlargement to a school that increases the degree of non-compliance in floor area ratio, sky exposure plane and rear setback, on condition that the work shall conform to drawings filed with this application marked "Received March 25, 1965", 17 sheets and "June 3, 1965", 3 sheets revised; that all laws, rules and regulations applicable shall be complied with; that permit shall be obtained, work completed and a Certificate of Occupancy obtained within one year from the date of this resolution.

400-65-BZ

APPLICANT—Halpern and Hurley for Albert Greenbaum, owner.

SUBJECT—Application April 8, 1965 — decision of the Borough Superintendent, under Section 72-21 of the Zoning Resolution and Section 666 of the New York City Charter, to permit in a R7-2 district, the erection of a one story enlargement to an existing wholesale establishment.

PREMISES AFFECTED—208 East 2nd Street, north side, 193 feet west of Avenue D, Block 372, Lot 52, Borough of Manhattan.

APPEARANCES—

For Applicant: Aaron Halpern.

For Opposition: None.

ACTION OF BOARD—Application denied.

THE VOTE TO GRANT—

Affirmative: 0

Negative: Chairman Foley, Vice Chairman Kleinert, Commissioner Fox, Commissioner Becker and Commissioner Klein 5

THE RESOLUTION—

WHEREAS, a public hearing was held on this application on May 25, 1965, after due notice by publication in the Bulletin; laid over to June 8, 1965; hearing closed; and

WHEREAS, the decision of the Borough Superintendent, dated April 2, 1965, acting on Alt. Applic. 518/1965, reads: "C-2 Proposed extension of existing building for the use of 'Wholesale and retail beer distribution' is contrary to Section 52-22 of the Zoning Resolution."

and

WHEREAS, the premises and surrounding area were in-

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360-65-BZ 3-3-92

APPLICANT—Shelly S. Friedman, Esquire, for The Dalton School, owner.

SUBJECT—Application September 4, 1991—reopening for an amendment of the resolution—proposed alterations—the existing tenth floor mezzanine will be expanded for additional classroom space and redesignated as the eleventh floor. A new floor slab will be installed into the double height gymnasium to create two (2) new classroom floors, in order to illuminate the new 12th and 13th floors, windows will be added on the 89th Street facade and two skylights will be constructed, also a new cornice, water tank enclosure, and elevator penthouse will be constructed—application previously granted *on condition* under Z.R. §72-21 and §73-641, permitting in an R8 district, the erection of a one (1) story enlargement to a school that increases the degree of non-compliance in floor area ratio, sky exposure plan and rear set-back.

PREMISES AFFECTED—108/14 East 89th Street, south side, 144'.43" west of Lexington Avenue, Block 1517, Lot 62, Borough of Manhattan.

COMMUNITY BOARD #8M.

APPEARANCES—

For Applicant: Valerie Campbell and Shelly S. Friedman.
For Administration: John Scrofani, Fire Department.

ACTION OF BOARD—Application reopened and resolution amended.

THE VOTE TO GRANT—

Affirmative: Chairman Silva, Commissioner Tamm, Commissioner Lawrie, Commissioner O'Keefe and Commissioner Chen.....5
Negative:.....0

THE RESOLUTION—

WHEREAS, Community Board #8M recommended approval which was received on February 7, 1992; and

WHEREAS, the applicant requested an amendment of the resolution; and

WHEREAS, a public hearing was held on this application on February 11, 1992 after due notice by publication in the *Bulletin*, laid over to March 3, 1992 for decision.

Resolved, that the Board of Standards and Appeals does hereby *reopen and amend* the resolution pursuant to Sections 72-01 and 73-11 of the Zoning Resolution, said resolution having been adopted on June 8, 1965 by adding thereto:

"The proposed alterations—the existing tenth floor mezzanine will be expanded for additional classroom space and redesignated as the eleventh floor. A new floor slab will be installed into the double height gymnasium to create two (2) new classroom floors, in order to illuminate the new 12th and 13th floors, windows will be added on the 89th Street facade and two (2) skylights will be constructed, also a new cornice, water tank enclosure, and elevator penthouse will be constructed substantially as shown on revised drawings numbered Z1 thru Z25, marked "Received February 14, 1992"—twenty five (25) sheets and existing drawings numbered E1 thru E22 marked "Received February 14, 1992"—twenty two (22) sheets *on condition* that other than as herein amended the resolution above cited shall be complied with in all respects."

(DOB 106274392)

Adopted by the Board of Standards and Appeals, March 3, 1992.

744-76-A

APPLICANT—Richard Metzner, Architect, for Horace Mann Barnard School, owner.

SUBJECT—Application November 6, 1992—reopening for extension of term of variance which expired December 7, 1991—application previously granted *on condition* re-use of frame building within the fire limits as school.

PREMISES AFFECTED—4430 Tibbett Avenue, east side, 262'.46" north of West 244th Street, Block 5806, Lot 710, Borough of The Bronx.

APPEARANCES—

For Applicant: Richard Metzner and Dominick A. Lauria.
For Opposition: John Scrofani, Fire Department.

ACTION OF BOARD—Laid over to April 7, 1992, Special Order Calendar, at 10 A.M., for continued hearing.

335-81-A

APPLICANT—Vassalotti Associates, Architects, for Jeffrey Deutch and David S. Klapper, owners.

SUBJECT—Application August 30, 1991—reopening for extension of term of variance which expired July 21, 1991—application previously granted *on condition* to re-conversion of frame residence to medical office.

PREMISES AFFECTED—71-18 Main Street, northwest corner of 71st Road, Block 6619, Lot 32, Flushing, Borough of Queens.

APPEARANCES—

For Applicant: Hiram A. Rothkrug and David S. Klapper.
For Opposition: John Scrofani, Fire Department.

ACTION OF BOARD—Laid over to April 28, 1992, Special Order Calendar, at 10 A.M., for continued hearing.

551-37-BZ Vol. II

APPLICANT—Joseph P. Morsellino, P.C., Hamax Holding Associates, owner.

SUBJECT—Application November 7, 1991—reopening for extension of term of variance which expired October 31, 1991—application previously granted *on condition* under Z.R. §7e and §7i, permitting in a local retail and residence use district, the extension of the yard area of the gasoline service station, and increase the size of the accessory building and permitting the additional uses of lubrication, accessory non-automatic car wash, minor auto repairs with hand tools only and parking and storage of more than five motor vehicles.

PREMISES AFFECTED—233-02 Northern Boulevard, southeast corner of 233rd Street, Block 8166, Lot 20, Douglaston, Borough of Queens.

COMMUNITY BOARD #11Q.

APPEARANCES—

For Applicant: Joseph P. Morsellino.

ACTION OF BOARD—Laid over to April 21, 1992, Special Order Calendar, at 10 A.M., for continued hearing.

The Dalton School



Dalton - List of Rooms Where Classes* are Held in the Building

| Room | Room Classification | Grade level if Regular Classroom | Explanation for Classification if not Regular Classroom |
|-------|---------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 100 | Specialty Classroom | | Green Room off theater, very small, no windows |
| 150 | Office | | Not a classroom, used only by High School Preceptors |
| 205 | Office | | 101 SF conference room, used only for Peer Mentoring, not a classroom |
| 251 | Regular Classroom | High School | |
| 252 | Regular Classroom | High School | |
| 301 | Regular Classroom | High School | |
| 311 | Regular Classroom | High School | |
| 350 | Regular Classroom | High School | |
| 401 | Regular Classroom | All | |
| 403 | Regular Classroom | All | |
| 405 | Regular Classroom | All | |
| 406 A | Regular Classroom | All | |
| 406 | Specialty Classroom | All | Used for Labs, storage and observation of independent science research projects. House and a few sections of Peer Tutoring meet here. |
| 410 | Regular Classroom | All | |
| 413 | Regular Classroom | All | |
| 415 | Regular Classroom | All | |
| 450 | Regular Classroom | All | |
| 501 | Regular Classroom | High School | |
| 502 | Specialty Classroom | | Computer Science, computers arranged along wall, not suitable for other instructional space |
| 503 | Regular Classroom | High School | |
| 504 | Specialty Classroom | | Computer Science, computers arranged along wall, not suitable for other instructional space |
| 505 | Regular Classroom | High School | |
| 507 | Regular Classroom | High School | |
| 510 | Office | | Faculty office - English/foreign language teachers' desks, not suitable for instructional space- used only for House. |
| 601 | Regular Classroom | High School | |
| 602 | Regular Classroom | High School | |



B01

Monday

Tuesday

Wednesday

Thursday

Friday 1

Friday 2

Friday 3

Friday 4

Low Strings
09:05 to 09:55 in B01
with Jordan Brown

Low Strings
09:05 to 09:55 in B01
with Jordan Brown

Music 5
09:15 to 10:00 in B01
with Jordan Brown

Chamber Music
10:10 to 10:55 in B01
with Jordan Brown

Chamber Music
10:10 to 10:55 in B01
with Jordan Brown

Chamber Music
10:10 to 10:55 in B01
with Jordan Brown

Music 4
11:50 to 12:35 in B01
with David Morgan

Music 4
11:50 to 12:35 in B01
with David Morgan

College Group
Meeting Srs
11:50 to 12:35 in B01

College Group
Meeting Srs
11:50 to 12:35 in B01

College Group
Meeting Srs
11:50 to 12:35 in B01

College Group
Meeting Srs
11:50 to 12:35 in B01

String Orchestra
12:40 to 01:25 in B01
with Jordan Brown

Chamber Music
12:40 to 01:35 in B01
with Jordan Brown

String Orchestra
12:40 to 01:25 in B01
with Jordan Brown

Chamber Music
12:40 to 01:35 in B01
with Jordan Brown

Chamber Music
12:50 to 01:35 in B01
with Jordan Brown

Chamber Music
12:40 to 01:35 in B01
with Jordan Brown

Chamber Music
12:40 to 01:35 in B01
with Jordan Brown

Low Strings
01:40 to 02:25 in B01
with Jordan Brown

Low Strings
01:40 to 02:25 in B01
with Jordan Brown

Music 5
02:30 to 03:15 in B01
with Jordan Brown

Chamber Music
02:30 to 03:15 in B01
with Jordan Brown

Chamber Music
02:30 to 03:15 in B01
with Jordan Brown

B02

Monday

Tuesday

Wednesday

Thursday

Friday 1

Friday 2

Friday 3

Friday 4

Intermediate Winds
09:05 to 09:55 in B02
with David Morgan

Music 5
09:15 to 10:00 in B02
with David Morgan

Music 5
08:10 to 08:50 in B02
with Jordan Brown

Intermediate Winds
01:40 to 02:25 in B02
with David Morgan

Music 5
02:30 to 03:15 in B02
with David Morgan

Music 5
02:30 to 03:15 in B02
with Jordan Brown

B03

Monday

Tuesday

Wednesday

Thursday

Friday 1

Friday 2

Friday 3

Friday 4

Chorus 6

09:05 to 09:55 in B03
with Hannah Carr

Music 4

11:50 to 12:35 in B03
with Hannah Carr

Music 4

11:50 to 12:35 in B03
with Robert Bush

Music 4

11:50 to 12:35 in B03
with Hannah Carr

Music 4

11:50 to 12:35 in B03
with Robert Bush

Vocal Ensemble

12:40 to 01:25 in B03
with Chris Landraiu

Vocal Ensemble

12:40 to 01:25 in B03
with Chris Landraiu

Vocal Ensemble

12:40 to 01:25 in B03
with Chris Landraiu

Intermediate Winds

01:40 to 02:25 in B03
with David Morgan

Chorus 6

01:40 to 02:25 in B03
with Alison Davy

Music 5

02:30 to 03:15 in B03
with Hannah Carr

Music 5

02:30 to 03:15 in B03
with David Morgan

Music 5

08:10 to 08:50 in B03
with David Morgan

Music 5

09:15 to 10:00 in B03
with Alison Davy

Intermediate Winds

09:05 to 09:55 in B03
with David Morgan

B05

| Monday | Tuesday | Wednesday | Thursday | Friday 1 | Friday 2 | Friday 3 | Friday 4 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|
| <div>Intermediate Brass 09:05 to 09:55 in B05 with Glenn Makos</div> <div>Small Jazz Group 11:00 to 11:45 in B05 with Glenn Makos</div> | <div>Intermediate Brass 01:40 to 02:25 in B05 with Glenn Makos</div> <div>Music 5 02:30 to 03:15 in B05 with Glenn Makos</div> | <div>Chamber Jazz 08:10 to 08:55 in B05 with Glenn Makos</div> <div>Music 5 09:15 to 10:00 in B05 with Glenn Makos</div> <div>Jazz Combo 10:10 to 10:55 in B05 with Glenn Makos</div> | <div>Music 5 08:10 to 08:50 in B05 with Glenn Makos</div> <div>Intermediate Brass 09:05 to 09:55 in B05 with Glenn Makos</div> | <div>Chamber Jazz 08:10 to 08:55 in B05 with Glenn Makos</div> | | <div>Chamber Jazz 08:10 to 08:55 in B05 with Glenn Makos</div> | |
| | | | | <div>Jazz Ensemble MS 12:40 to 01:25 in B05 with Glenn Makos</div> | | <div>Jazz Ensemble MS 12:40 to 01:25 in B05 with Glenn Makos</div> | <div>Jazz Ensemble MS 12:40 to 01:25 in B05 with Glenn Makos</div> |
| | | | | | <div>Chamber Jazz 02:30 to 03:15 in B05 with Glenn Makos</div> | | |

B06

| Monday | Tuesday | Wednesday | Thursday | Friday 1 | Friday 2 | Friday 3 | Friday 4 |
|----------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|
| Intermediate Percussion 09:05 to 09:55 in B06 | Orchestra HS 08:10 to 09:00 in B06 with Jordan Brown | Music 5 09:15 to 10:00 in B06 with Robert Bush | Music 5 08:10 to 08:50 in B06 with Robert Bush | | Orchestra 08:10 to 08:55 in B06 with Jordan Brown | Orchestra 08:10 to 08:55 in B06 with Jordan Brown | Orchestra 08:10 to 08:55 in B06 with Jordan Brown |
| | Zen Dance 09:00 to 09:45 in B06 with Randi Sloan | | Intermediate Percussion 09:05 to 09:55 in B06 | | Dance Lab 09:00 to 09:45 in B06 with To Be Announced | Dance Lab 09:00 to 09:45 in B06 with To Be Announced | Dance Lab 09:00 to 09:45 in B06 with To Be Announced |
| Body Conditioning 10:10 to 10:55 in B06 with Molly Poerstel | Dance Lab 10:10 to 10:55 in B06 with To Be Announced | | Zen Dance 10:10 to 10:55 in B06 with Randi Sloan | Dance 6 Girls 10:00 to 10:45 in B06 with Blake Pearson | Dance 6 Girls 10:00 to 10:45 in B06 with Blake Pearson | Dance 6 Girls 10:00 to 10:45 in B06 with Blake Pearson | Dance 6 Girls 10:00 to 10:45 in B06 with Blake Pearson |
| Dance Lab 11:00 to 11:45 in B06 with To Be Announced | Zen Dance 11:00 to 11:45 in B06 with Randi Sloan | Dance Lab 11:00 to 11:45 in B06 with To Be Announced | Orchestra HS 11:00 to 11:45 in B06 with Jordan Brown | | Zen Dance 11:00 to 11:45 in B06 with Randi Sloan | Zen Dance 11:00 to 11:45 in B06 with Randi Sloan | Zen Dance 11:00 to 11:45 in B06 with Randi Sloan |
| Chorus/Madrigal 11:50 to 12:35 in B06 with Chris Landriau | Chorus/Madrigal 11:50 to 12:35 in B06 with Chris Landriau | | Chorus/Madrigal 11:50 to 12:35 in B06 with Chris Landriau | Chorus/Madrigal 11:50 to 12:35 in B06 with Chris Landriau | | Chorus/Madrigal 11:50 to 12:35 in B06 with Chris Landriau | Chorus/Madrigal 11:50 to 12:35 in B06 with Chris Landriau |
| Concert Band MS 12:40 to 01:25 in B06 with Robert Bush | Dance Lab 12:40 to 01:35 in B06 with To Be Announced | Percussion Ensemble 12:40 to 01:25 in B06 | Concert Band MS 12:40 to 01:25 in B06 with Robert Bush | Percussion Ensemble 12:40 to 01:25 in B06 | Dance Lab 12:50 to 01:35 in B06 with To Be Announced | Percussion Ensemble 12:40 to 01:25 in B06 | Percussion Ensemble 12:40 to 01:25 in B06 |
| | Intermediate Percussion 01:40 to 02:25 in B06 | Intermediate Percussion 01:40 to 02:25 in B06 | Body Conditioning 01:40 to 02:25 in B06 with Molly Poerstel | Zen Dance 01:40 to 02:25 in B06 with Randi Sloan | | Orchestra 01:40 to 02:25 in B06 with Jordan Brown | Orchestra 01:40 to 02:25 in B06 with Jordan Brown |
| Music 5 02:30 to 03:15 in B06 with Robert Bush | Music 5 02:30 to 03:15 in B06 with Robert Brown | Orchestra 02:30 to 03:15 in B06 with Jordan Brown | | | | Dance Lab 02:30 to 03:15 in B06 with To Be Announced | Dance Lab 02:30 to 03:15 in B06 with To Be Announced |

B10

| Monday | Tuesday | Wednesday | Thursday | Friday 1 | Friday 2 | Friday 3 | Friday 4 |
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| <div>Advanced Strings 09:05 to 09:55 in B10 with Madeline Blum</div> | | | <div>Music 5 08:10 to 08:50 in B10 with Madeline Blum</div> | | | | |
| | | <div>Music 5 09:15 to 10:00 in B10 with Madeline Blum</div> | <div>Intermediate Strings 09:05 to 09:55 in B10 with Madeline Blum</div> | | | | |
| <div>Music 4 11:50 to 12:35 in B10 with Madeline Blum</div> | <div>Music 4 11:50 to 12:35 in B10 with Hannah Carr</div> | <div>Music 4 11:50 to 12:35 in B10 with Madeline Blum</div> | <div>Music 4 11:50 to 12:35 in B10 with Hannah Carr</div> | | | | |
| | <div>Intermediate Strings 01:40 to 02:25 in B10</div> | <div>Advanced Strings 01:40 to 02:25 in B10 with Madeline Blum</div> | | | | | |
| <div>Music 5 02:30 to 03:15 in B10 with Madeline Blum</div> | <div>Music 5 02:30 to 03:15 in B10 with Madeline Blum</div> | | | | | | |



100

| Monday | Tuesday | Wednesday | Thursday | Friday 1 | Friday 2 | Friday 3 | Friday 4 |
|------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| Acting 08:10 to 08:55 in 100 with Robert Sloan | Theater Tech 08:10 to 09:00 in 100 with David Brune | Director's Workshop 08:10 to 08:55 in 100 | Acting 08:10 to 08:55 in 100 with Robert Sloan | Director's Workshop 08:10 to 08:55 in 100 | Theater Tech 08:10 to 09:00 in 100 with David Brune | Director's Workshop 08:10 to 08:55 in 100 | Theater Tech 08:10 to 09:00 in 100 with David Brune |
| Stagecraft 09:00 to 09:45 in 100 with David Brune | Theater 6 09:05 to 09:55 in 100 with Robert Sloan | Advanced Acting Studio 09:00 to 09:45 in 100 | Stagecraft 09:00 to 09:45 in 100 with David Brune | Advanced Acting Studio 09:00 to 09:45 in 100 | Independent Study: Theatre 09:00 to 09:45 in 100 | Advanced Acting Studio 09:00 to 09:45 in 100 | Independent Study: Theater (Acting 3) |
| Director's Workshop 10:10 to 10:55 in 100 | Design for Stage 10:10 to 10:55 in 100 with Meg Zeder | Theater 8 MS 10:00 to 10:55 in 100 with Allen Kennedy | Theater 5 10:05 to 10:45 in 100 with Kevin Gallagher | Stagecraft 10:10 to 10:55 in 100 with David Brune | Design for Stage 10:10 to 10:55 in 100 with Meg Zeder | Stagecraft 10:10 to 10:55 in 100 with David Brune | Design for Stage 10:10 to 10:55 in 100 with Meg Zeder |
| Advanced Acting Studio 11:00 to 11:45 in 100 | Acting 11:00 to 11:45 in 100 with Allen Kennedy | Acting 11:00 to 11:45 in 100 with Allen Kennedy | Theater Tech 11:00 to 11:45 in 100 with Meg Zeder | Acting 11:00 to 11:45 in 100 with Robert Sloan | Acting 11:00 to 11:45 in 100 with Allen Kennedy | Acting 11:00 to 11:45 in 100 with Robert Sloan | Acting 11:00 to 11:45 in 100 with Allen Kennedy |
| Advanced Acting Studio 11:50 to 12:35 in 100 | Advanced Acting Studio 11:50 to 12:35 in 100 | | Advanced Acting Studio 11:50 to 12:35 in 100 | Independent Study: Theatre 11:50 to 12:35 in 100 | | Independent Study: Theater (Acting 3) | Stagecraft 11:50 to 12:35 in 100 with David Brune |
| Theater Tech 12:40 to 01:25 in 100 with Meg Zeder | Theater 6 12:45 to 01:35 in 100 with Robert Sloan | Independent Study: Theater | Theater Tech 12:40 to 01:25 in 100 with Meg Zeder | Theater 8 MS 12:40 to 01:25 in 100 with Kevin Gallagher | | Theater 8 MS 12:40 to 01:25 in 100 with Kevin Gallagher | Theater 8 MS 12:40 to 01:25 in 100 with Kevin Gallagher |
| Theater 5 01:40 to 02:25 in 100 with Kevin Gallagher | Acting 01:40 to 02:25 in 100 with Robert Sloan | Theater 5 01:40 to 02:25 in 100 with Kevin Gallagher | Theater 5 01:40 to 02:25 in 100 with Kevin Gallagher | Acting 01:40 to 02:25 in 100 with Allen Kennedy | Advanced Acting Studio 01:40 to 02:25 in 100 | Theater Tech 01:30 to 02:15 in 100 with David Brune | Stagecraft 01:40 to 02:25 in 100 with David Brune |
| Acting 02:30 to 03:15 in 100 with Allen Kennedy | Theater 6 02:30 to 03:15 in 100 with Robert Sloan | Theater 8 MS 02:30 to 03:15 in 100 with Kevin Gallagher | Advanced Acting Studio 02:30 to 03:15 in 100 | Design for Stage 02:30 to 03:15 in 100 with Meg Zeder | Director's Workshop 02:30 to 03:15 in 100 | Independent Study: Theater (Acting 3) | Acting 02:30 to 03:15 in 100 with Robert Sloan |

150

| Monday | Tuesday | Wednesday | Thursday | Friday 1 | Friday 2 | Friday 3 | Friday 4 |
|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|
| Preceptorial HS 08:10 to 08:55 in 150 with Brad Melius | Preceptorial HS 08:10 to 08:55 in 150 with Lillian Redl | Preceptorial HS 08:10 to 08:55 in 150 with Lillian Redl | Preceptorial HS 08:10 to 08:55 in 150 with Brad Melius | Preceptorial HS 08:10 to 08:55 in 150 with Lillian Redl | Preceptorial HS 08:10 to 08:55 in 150 with Brad Melius | Preceptorial HS 08:10 to 08:55 in 150 with Lillian Redl | Preceptorial HS 08:10 to 08:55 in 150 with Brad Melius |
| Preceptorial HS 09:00 to 09:45 in 150 with Brad Melius | Preceptorial HS 09:00 to 09:45 in 150 with Alexis Kipper | Preceptorial HS 09:00 to 09:45 in 150 with Brad Melius | | Preceptorial HS 09:00 to 09:45 in 150 with Brad Melius | Preceptorial HS 09:00 to 09:45 in 150 with Lillian Redl | Preceptorial HS 09:00 to 09:45 in 150 with Brad Melius | Preceptorial HS 09:00 to 09:45 in 150 with Lillian Redl |
| House | House | House | House | House | House | House | House |
| Preceptorial HS 10:10 to 10:55 in 150 with Lillian Redl | Preceptorial HS 10:10 to 10:55 in 150 with Brad Melius | Preceptorial HS 10:10 to 10:55 in 150 with Brad Melius | Preceptorial HS 10:10 to 10:55 in 150 with Brad Melius | Preceptorial HS 10:10 to 10:55 in 150 with Brad Melius | Preceptorial HS 10:10 to 10:55 in 150 with Lillian Redl | Preceptorial HS 10:10 to 10:55 in 150 with Brad Melius | Preceptorial HS 10:10 to 10:55 in 150 with Brad Melius |
| Preceptorial HS 11:00 to 11:45 in 150 with Lillian Redl | Preceptorial HS 11:00 to 11:45 in 150 with Alexis Kipper | Preceptorial HS 11:00 to 11:45 in 150 with Brad Melius | Preceptorial HS 11:00 to 11:45 in 150 with Brad Melius | Preceptorial HS 11:00 to 11:45 in 150 with Alexis Kipper | Preceptorial HS 11:00 to 11:45 in 150 with Alexis Kipper | Preceptorial HS 11:00 to 11:45 in 150 with Alexis Kipper | Preceptorial HS 11:00 to 11:45 in 150 with Alexis Kipper |
| Preceptorial HS 11:50 to 12:35 in 150 with Lillian Redl | Preceptorial HS 11:50 to 12:35 in 150 with Brad Melius | | Preceptorial HS 11:50 to 12:35 in 150 with Alexis Kipper | Preceptorial HS 11:50 to 12:35 in 150 with Brad Melius | House 11:50 to 12:50 in 150 with Francée Sugar | Preceptorial HS 11:50 to 12:35 in 150 with Brad Melius | Preceptorial HS 11:50 to 12:35 in 150 with Lillian Redl |
| Preceptorial HS 12:40 to 01:35 in 150 with Alexis Kipper | Preceptorial HS 12:40 to 01:35 in 150 with Lillian Redl | Preceptorial HS 12:55 to 01:35 in 150 with Brad Melius | Preceptorial HS 12:50 to 01:35 in 150 with Lillian Redl | Preceptorial HS 12:40 to 01:35 in 150 with Alexis Kipper | Preceptorial HS 12:50 to 01:35 in 150 with Brad Melius | Preceptorial HS 12:40 to 01:35 in 150 with Alexis Kipper | Preceptorial HS 12:40 to 01:35 in 150 with Brad Melius |
| Preceptorial HS 01:40 to 02:25 in 150 with Lillian Redl | Preceptorial HS 01:40 to 02:25 in 150 with Alexis Kipper | Preceptorial HS 01:40 to 02:25 in 150 with Alexis Kipper | Preceptorial HS 01:40 to 02:25 in 150 with Brad Melius | Preceptorial HS 01:40 to 02:25 in 150 with Alexis Kipper | | | |
| Preceptorial HS 02:30 to 03:15 in 150 with Brad Melius | Preceptorial HS 02:30 to 03:15 in 150 with Brad Melius | Preceptorial HS 02:30 to 03:15 in 150 with Brad Melius | Preceptorial HS 02:30 to 03:15 in 150 with Brad Melius | Preceptorial HS 02:30 to 03:15 in 150 with Alexis Kipper | Preceptorial HS 02:30 to 03:15 in 150 with Lillian Redl | Preceptorial HS 02:30 to 03:15 in 150 with Lillian Redl | Preceptorial HS 02:30 to 03:15 in 150 with Lillian Redl |





205

Monday Tuesday Wednesday Thursday Friday 1 Friday 2 Friday 3 Friday 4

| | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|
| House | House | House | House | House | House | House | House |
|-------|-------|-------|-------|-------|-------|-------|-------|

Peer Mentoring
PALS
12:40 to 01:35 in 205
with Justina Fonta

Peer Mentoring
PALS
12:50 to 01:35 in 205

House
11:50 to 12:50 in 205
with Taylor Waller

251

| Monday | Tuesday | Wednesday | Thursday | Friday 1 | Friday 2 | Friday 3 | Friday 4 |
|-----------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------|
| 19th Century French Lit 'A' 08:10 to 08:55 in 251 | French Level 2 08:10 to 08:55 in 251 with Marc Bendali | Spanish 4 'A' 08:10 to 08:55 in 251 with Carmen Herrera | 19th Century French Lit 'A' 08:10 to 08:55 in 251 | Spanish 4 'A' 08:10 to 08:55 in 251 with Carmen Herrera | French Level 2 08:10 to 08:55 in 251 with Marc Bendali | Spanish Level 4 08:10 to 08:55 in 251 with Carmen Herrera | French Level 2 08:10 to 08:55 in 251 with Marc Bendali |
| French Level 1 09:00 to 09:45 in 251 with Marc Bendali | Mandarin Level 5 'A' 09:00 to 09:45 in 251 | Spanish Conversation & Composition 1 | French Level 1 09:00 to 09:45 in 251 with Marc Bendali | Spanish Conversation & Composition 1 | Mandarin Level 5 'A' 09:00 to 09:45 in 251 | Spanish Conversation & Composition 1 | Mandarin Level 5 'A' 09:00 to 09:45 in 251 |
| House | House | House | House | House | House | House | House |
| Alg 1/ Alg 2 10:10 to 10:55 in 251 with Felicia Meiz | Spanish Level 2 10:10 to 10:55 in 251 with Michele | Spanish Level 2 10:10 to 10:55 in 251 with Michele | Mandarin Level 5 'A' 10:10 to 10:55 in 251 | French Level 1 10:10 to 10:55 in 251 with Marc Bendali | Spanish Level 2 10:10 to 10:55 in 251 with Michele | French Level 1 10:10 to 10:55 in 251 with Marc Bendali | Spanish Level 2 10:10 to 10:55 in 251 with Michele |
| Spanish Conversation & Composition 1 | Spanish 4 'A' 11:00 to 11:45 in 251 with Carmen Herrera | Spanish 4 'A' 11:00 to 11:45 in 251 with Carmen Herrera | French Level 2 11:00 to 11:45 in 251 with Marc Bendali | 19th Century French Lit 'A' 11:00 to 11:45 in 251 | Spanish 4 'A' 11:00 to 11:45 in 251 with Carmen Herrera | 19th Century French Lit 'A' 11:00 to 11:45 in 251 | Spanish 4 'A' 11:00 to 11:45 in 251 with Carmen Herrera |
| Spanish Conversation & Composition 1 | Spanish Conversation & Composition 1 | | Spanish Conversation & Composition 1 | Spanish Conversation & Composition 1 | House 11:50 to 12:50 in 251 with Karen Luten | Spanish Conversation & Composition 1 | Spanish Conversation & Composition 1 |
| Spanish Level 2 01:40 to 02:25 in 251 with Michele | 19th Century French Lit 'A' 01:40 to 02:25 in 251 | Mandarin Level 5 'A' 01:40 to 02:25 in 251 | Spanish 4 'A' 01:40 to 02:25 in 251 with Carmen Herrera | Spanish 4 'A' 01:40 to 02:25 in 251 with Carmen Herrera | Spanish Conversation & Composition 1 | French Level 2 01:40 to 02:25 in 251 with Marc Bendali | French Level 1 01:40 to 02:25 in 251 with Marc Bendali |
| Spanish Level 4 02:30 to 03:15 in 251 with Carmen Herrera | French Level 1 02:30 to 03:15 in 251 with Marc Bendali | French Level 2 02:30 to 03:15 in 251 with Marc Bendali | Spanish Conversation & Composition 1 | Spanish Level 2 02:30 to 03:15 in 251 with Michele | Spanish Level 4 02:30 to 03:15 in 251 with Carmen Herrera | Mandarin Level 5 'A' 02:30 to 03:15 in 251 | 19th Century French Lit 'A' 02:30 to 03:15 in 251 |

252

| Monday | Tuesday | Wednesday | Thursday | Friday 1 | Friday 2 | Friday 3 | Friday 4 |
|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|
| Hispanic Literature 'A' 08:10 to 08:55 in 252 | Peer Leadership Seminar 08:10 to 08:55 in 252 | | Hispanic Literature 'A' 08:10 to 08:55 in 252 | | Peer Leadership Seminar 08:10 to 08:55 in 252 | | Peer Leadership Seminar 08:10 to 08:55 in 252 |
| French Autobiography 'A' 09:00 to 09:45 in 252 | 19th Century French Lit 'A' 09:00 to 09:45 in 252 | The Modern Middle East 09:00 to 09:45 in 252 | French Autobiography 'A' 09:00 to 09:45 in 252 | The Modern Middle East 09:00 to 09:45 in 252 | 19th Century French Lit 'A' 09:00 to 09:45 in 252 | The Modern Middle East 09:00 to 09:45 in 252 | 19th Century French Lit 'A' 09:00 to 09:45 in 252 |
| House | House | House | House | House | House | House | House |
| | Spanish Level 3 'A' 10:10 to 10:55 in 252 with Maria Nebres | Spanish Level 3 'A' 10:10 to 10:55 in 252 with Maria Nebres | 19th Century French Lit 'A' 10:10 to 10:55 in 252 | French Autobiography 'A' 10:10 to 10:55 in 252 | Spanish Level 3 'A' 10:10 to 10:55 in 252 with Maria Nebres | French Autobiography 'A' 10:10 to 10:55 in 252 | Spanish Level 3 'A' 10:10 to 10:55 in 252 with Maria Nebres |
| The Modern Middle East 11:00 to 11:45 in 252 | Advanced Poetry Writing 11:00 to 11:45 in 252 | | Peer Leadership Seminar 11:00 to 11:45 in 252 | Hispanic Literature 'A' 11:00 to 11:45 in 252 | Advanced Poetry Writing 11:00 to 11:45 in 252 | Hispanic Literature 'A' 11:00 to 11:45 in 252 | Advanced Poetry Writing 11:00 to 11:45 in 252 |
| Statistics 'A' 11:50 to 12:35 in 252 with David Harvey | Statistics 'A' 11:50 to 12:35 in 252 with David Harvey | | Statistics 'A' 11:50 to 12:35 in 252 with David Harvey | Statistics 'A' 11:50 to 12:35 in 252 with David Harvey | House 11:50 to 12:50 in 252 with Gomprecht/Kerman | Statistics 'A' 11:50 to 12:35 in 252 with David Harvey | Statistics 'A' 11:50 to 12:35 in 252 with David Harvey |
| Spanish Level 3 'A' 01:40 to 02:25 in 252 with Maria Nebres | Hispanic Literature 'A' 01:40 to 02:25 in 252 | 19th Century French Lit 'A' 01:40 to 02:25 in 252 | Advanced Poetry Writing 01:40 to 02:25 in 252 | Advanced Poetry Writing 01:40 to 02:25 in 252 | The Modern Middle East 01:40 to 02:25 in 252 | Peer Leadership Seminar 01:40 to 02:25 in 252 | French Autobiography 'A' 01:40 to 02:25 in 252 |
| | French Autobiography 'A' 02:30 to 03:15 in 252 | Peer Leadership Seminar 02:30 to 03:15 in 252 | The Modern Middle East 02:30 to 03:15 in 252 | Spanish Level 3 'A' 02:30 to 03:15 in 252 with Maria Nebres | | 19th Century French Lit 'A' 02:30 to 03:15 in 252 | Hispanic Literature 'A' 02:30 to 03:15 in 252 |



301

| Monday | Tuesday | Wednesday | Thursday | Friday 1 | Friday 2 | Friday 3 | Friday 4 |
|----------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------|
| Spanish Conversation & Composition 1 | French Level 4 09:00 to 09:45 in 301 with Marc Bendali | Mandarin Level 2 08:10 to 08:55 in 301 with Maria S. Lee | Spanish Conversation & Composition 1 | Mandarin Level 2 08:10 to 08:55 in 301 with Maria S. Lee | Health 12 08:10 to 08:55 in 301 with Justine Fonte | Mandarin Level 2 08:10 to 08:55 in 301 with Maria S. Lee | Health 12 08:10 to 08:55 in 301 with Justine Fonte |
| House | House | House | House | Health 10 09:00 to 09:45 in 301 with Justine Fonte | French Level 4 09:00 to 09:45 in 301 with Marc Bendali | Health 10 09:00 to 09:45 in 301 with Justine Fonte | French Level 4 09:00 to 09:45 in 301 with Marc Bendali |
| Mandarin Level 2 10:10 to 10:55 in 301 with Maria S. Lee | College Group Meeting Srs 11:00 to 11:45 in 301 | House | French Level 4 10:10 to 10:55 in 301 with Marc Bendali | House | House | House | House |
| Latin Level 1 11:50 to 12:35 in 301 with Stanley | Latin Level 1 11:50 to 12:35 in 301 with Stanley | Latin Level 1 11:50 to 12:35 in 301 with Stanley | Latin Level 1 11:50 to 12:35 in 301 with Stanley | Latin Level 1 11:50 to 12:35 in 301 with Stanley | House 11:50 to 12:50 in 301 with Lisa Stiller | Latin Level 1 11:50 to 12:35 in 301 with Stanley | Latin Level 1 11:50 to 12:35 in 301 with Stanley |
| College Group Meeting Srs 01:40 to 02:25 in 301 | College Group Meeting Srs 01:40 to 02:25 in 301 | Theater & MS Science Research Program 12:50 to 01:35 in 301 | Science Research Program 12:50 to 01:35 in 301 | House | Health 10 01:40 to 02:25 in 301 with Justine Fonte | Health 12 01:40 to 02:25 in 301 with Justine Fonte | Spanish Conversation & Composition 1 |
| | | French Level 4 01:40 to 02:25 in 301 with Marc Bendali | Mandarin Level 2 01:40 to 02:25 in 301 with Maria S. Lee | House | Mandarin Level 2 02:30 to 03:15 in 301 with Maria S. Lee | French Level 4 02:30 to 03:15 in 301 with Marc Bendali | |
| | Spanish Conversation & Composition 1 | College Group Meeting Srs 02:30 to 03:15 in 301 | | | | | |

311

| Monday | Tuesday | Wednesday | Thursday | Friday 1 | Friday 2 | Friday 3 | Friday 4 |
|------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|
| Mandarin Level I 08:10 to 08:55 in 311 with Adam Lanphier | Spanish Level 3 'A' 08:10 to 08:55 in 311 with Maria Nebres | Hispanic Cinema 08:10 to 08:55 in 311 with Maria Teresa | Mandarin Level I 08:10 to 08:55 in 311 with Adam Lanphier | Hispanic Cinema 08:10 to 08:55 in 311 with Maria Teresa | Spanish Level 3 'A' 08:10 to 08:55 in 311 with Maria Nebres | Hispanic Cinema 08:10 to 08:55 in 311 with Maria Teresa | Spanish Level 3 'A' 08:10 to 08:55 in 311 with Maria Nebres |
| Mandarin 4 'A' 09:00 to 09:45 in 311 with Maria S. Lee | Cicero 09:00 to 09:45 in 311 with Marcia DeVoe | French Cinema 09:00 to 09:45 in 311 with Fatima Mhinat | Mandarin 4 'A' 09:00 to 09:45 in 311 with Maria S. Lee | French Cinema 09:00 to 09:45 in 311 with Fatima Mhinat | Cicero 09:00 to 09:45 in 311 with Marcia DeVoe | French Cinema 09:00 to 09:45 in 311 with Fatima Mhinat | Cicero 09:00 to 09:45 in 311 with Marcia DeVoe |
| House | House | House | House | House | House | House | House |
| Hispanic Cinema 10:10 to 10:55 in 311 with Felix Cortes | Spanish Level 3 10:10 to 10:55 in 311 with Felix Cortes | Spanish Level 3 10:10 to 10:55 in 311 with Felix Cortes | Cicero 10:10 to 10:55 in 311 with Marcia DeVoe | Mandarin 4 'A' 10:10 to 10:55 in 311 with Maria S. Lee | Spanish Level 3 10:10 to 10:55 in 311 with Felix Cortes | Mandarin 4 'A' 10:10 to 10:55 in 311 with Maria S. Lee | Spanish Level 3 10:10 to 10:55 in 311 with Felix Cortes |
| French Cinema 11:00 to 11:45 in 311 with Fatima Mhinat | French 3 'A' 11:00 to 11:45 in 311 with Fatima Mhinat | French 3 'A' 11:00 to 11:45 in 311 with Fatima Mhinat | Spanish Level 3 'A' 11:00 to 11:45 in 311 with Maria Nebres | Mandarin Level I 11:00 to 11:45 in 311 with Adam Lanphier | French 3 'A' 11:00 to 11:45 in 311 with Fatima Mhinat | Mandarin Level I 11:00 to 11:45 in 311 with Adam Lanphier | French 3 'A' 11:00 to 11:45 in 311 with Fatima Mhinat |
| French 4 'A' 11:50 to 12:35 in 311 with Tracy Christopher | French 4 'A' 11:50 to 12:35 in 311 with Tracy Christopher | | French 4 'A' 11:50 to 12:35 in 311 with Tracy Christopher | French 4 'A' 11:50 to 12:35 in 311 with Tracy Christopher | House 11:50 to 12:50 in 311 with Bove/Galley | French 4 'A' 11:50 to 12:35 in 311 with Tracy Christopher | French 4 'A' 11:50 to 12:35 in 311 with Tracy Christopher |
| | | | Science Research Program 12:50 to 01:35 in 311 | | | | |
| Spanish Level 3 01:40 to 02:25 in 311 with Graciela Espana | Mandarin Level I 01:40 to 02:25 in 311 with Adam Lanphier | Cicero 01:40 to 02:25 in 311 with Marcia DeVoe | Hispanic Cinema 01:40 to 02:25 in 311 with Felix Cortes | French 3 'A' 01:40 to 02:25 in 311 with Fatima Mhinat | French Cinema 01:40 to 02:25 in 311 with Fatima Mhinat | Spanish Level 3 'A' 01:40 to 02:25 in 311 with Maria Nebres | Mandarin 4 'A' 01:40 to 02:25 in 311 with Maria S. Lee |
| French 3 'A' 02:30 to 03:15 in 311 with Fatima Mhinat | Mandarin 4 'A' 02:30 to 03:15 in 311 with Maria S. Lee | Spanish Level 3 'A' 02:30 to 03:15 in 311 with Maria Nebres | French Cinema 02:30 to 03:15 in 311 with Fatima Mhinat | Spanish Level 3 02:30 to 03:15 in 311 with Graciela Espana | Hispanic Cinema 02:30 to 03:15 in 311 with Maria Teresa | Cicero 02:30 to 03:15 in 311 with Marcia DeVoe | Mandarin Level I 02:30 to 03:15 in 311 with Adam Lanphier |

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401

| Monday | Tuesday | Wednesday | Thursday | Friday 1 | Friday 2 | Friday 3 | Friday 4 |
|----------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------|
| Chemistry 08:10 to 08:55 in 401 with Joaquin Ramsey | Science 8 08:10 to 09:00 in 401 with Vance Condle | Biology 08:10 to 08:55 in 401 with Jennifer Hackett | | Biology 08:10 to 08:55 in 401 with Jennifer Hackett | Science 8 08:10 to 09:00 in 401 with Vance Condle | Biology 08:10 to 08:55 in 401 with Jennifer Hackett | Science 8 08:10 to 09:00 in 401 with Vance Condle |
| Biology 09:00 to 09:45 in 401 with Molly Josephs | Biology 09:00 to 09:45 in 401 with Ronald | Astronomy 09:00 to 09:45 in 401 with Jerry Francischelli | Advanced Biology 'A' 09:00 to 09:45 in 401 | Astronomy 09:00 to 09:45 in 401 with Jerry Francischelli | | Astronomy 09:00 to 09:45 in 401 with Jerry Francischelli | |
| | Science 7 10:00 to 10:55 in 401 with Judith Geller | Science 7 10:00 to 10:55 in 401 with Judith Geller | Advanced BioTech 'A' 10:10 to 10:55 in 401 | Biology 10:10 to 10:55 in 401 with Molly Josephs | Science 7 10:00 to 10:55 in 401 with Judith Geller | Biology 10:10 to 10:55 in 401 with Molly Josephs | Science 7 10:00 to 10:55 in 401 with Judith Geller |
| Astronomy 11:00 to 11:45 in 401 with Jerry Francischelli | Advanced Biology 'A' 11:00 to 11:45 in 401 | Advanced Biology 'A' 11:00 to 11:45 in 401 | Science 8 11:00 to 11:45 in 401 with Vance Condle | | | | |
| Science 6 11:50 to 12:40 in 401 with Elissa Baim | Science 6 11:50 to 12:40 in 401 with Elissa Baim | Science 6 11:50 to 12:40 in 401 with Elissa Baim | Science 6 11:50 to 12:40 in 401 with Elissa Baim | Science 6 11:50 to 12:40 in 401 with Elissa Baim | Science 6 11:50 to 12:40 in 401 with Elissa Baim | Science 6 11:50 to 12:40 in 401 with Elissa Baim | Science 6 11:50 to 12:40 in 401 with Elissa Baim |
| Science 5 12:45 to 01:35 in 401 with Elissa Baim | Science 5 12:45 to 01:35 in 401 with Elissa Baim | Science 5 12:45 to 01:35 in 401 with Elissa Baim | Science 5 12:45 to 01:35 in 401 with Elissa Baim | Science 5 12:45 to 01:35 in 401 with Elissa Baim | Science 5 12:45 to 01:35 in 401 with Elissa Baim | Science 5 12:45 to 01:35 in 401 with Elissa Baim | Science 5 12:45 to 01:35 in 401 with Elissa Baim |
| Science 7 01:30 to 02:15 in 401 with Judith Geller | Science 5 01:40 to 02:25 in 401 with Elissa Baim | | Biology 01:40 to 02:25 in 401 with Jennifer Hackett | Science 7 01:30 to 02:15 in 401 with Judith Geller | Astronomy 01:40 to 02:25 in 401 with Jerry Francischelli | Science 8 01:30 to 02:15 in 401 with Vance Condle | Biology 01:40 to 02:25 in 401 with Molly Josephs |
| Science 6 02:30 to 03:15 in 401 with Elissa Baim | Advanced Biology 'A' 02:30 to 03:15 in 401 | Science 8 02:30 to 03:15 in 401 with Vance Condle | Science 6 02:30 to 03:15 in 401 with Elissa Baim | | Biology 02:30 to 03:15 in 401 with Jennifer Hackett | | |

403

| Monday | Tuesday | Wednesday | Thursday | Friday 1 | Friday 2 | Friday 3 | Friday 4 |
|----------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------|
| Biology 08:10 to 08:55 in 403 with Judith Geller | Science 8 08:10 to 09:00 in 403 with Malcolm Fenton | Euclidean Geometry 'A' 08:10 to 08:55 in 403 | | Euclidean Geometry 'A' 08:10 to 08:55 in 403 | Science 8 08:10 to 09:00 in 403 with Malcolm Fenton | Euclidean Geometry 'A' 08:10 to 08:55 in 403 | Science 8 08:10 to 09:00 in 403 with Malcolm Fenton |
| Math Team MS 09:05 to 09:55 in 403 with David Gornprecht | Health 12 09:00 to 09:45 in 403 with Justine Fonte | Peer Tutoring 09:00 to 09:45 in 403 with Sol Galtan | Conceptual Chemistry 09:00 to 09:45 in 403 | Peer Tutoring 09:00 to 09:45 in 403 with Sol Galtan | | Peer Tutoring 09:00 to 09:45 in 403 with Sol Galtan | |
| Euclidean Geometry 'A' 10:10 to 10:55 in 403 | Science 8 10:00 to 10:55 in 403 with Alexander Taylor | Science 8 10:00 to 10:55 in 403 with Alexander Taylor | College Group Meeting Srs 10:10 to 10:55 in 403 | College Group Meeting Srs 10:10 to 10:55 in 403 | Science 8 10:00 to 10:55 in 403 with Alexander Taylor | College Group Meeting Srs 10:10 to 10:55 in 403 | Science 8 10:00 to 10:55 in 403 with Alexander Taylor |
| Biology 11:00 to 11:45 in 403 with Ronald | | Chemistry 'A' 11:00 to 11:45 in 403 with Joaquin Ramsey | Science 8 11:00 to 11:45 in 403 with Malcolm Fenton | | | | |
| Science 6 11:50 to 12:40 in 403 with Malcolm Fenton | Science 6 11:50 to 12:40 in 403 with Malcolm Fenton | Science 6 11:50 to 12:40 in 403 with Malcolm Fenton | Science 6 11:50 to 12:40 in 403 with Malcolm Fenton | Science 6 11:50 to 12:40 in 403 with Malcolm Fenton | Science 6 11:50 to 12:40 in 403 with Malcolm Fenton | Science 6 11:50 to 12:40 in 403 with Malcolm Fenton | Science 6 11:50 to 12:40 in 403 with Malcolm Fenton |
| Science 8 12:40 to 01:25 in 403 with Malcolm Fenton | | Science 8 12:40 to 01:25 in 403 with Malcolm Fenton | Science 8 12:40 to 01:25 in 403 with Malcolm Fenton | Science 8 12:40 to 01:25 in 403 with Malcolm Fenton | | Science 8 12:40 to 01:25 in 403 with Malcolm Fenton | Science 8 12:40 to 01:25 in 403 with Malcolm Fenton |
| Science 8 01:30 to 02:15 in 403 with Alexander Taylor | Biology 01:40 to 02:25 in 403 with Judith Geller | | Euclidean Geometry 'A' 01:40 to 02:25 in 403 | Science 8 01:30 to 02:15 in 403 with Alexander Taylor | Peer Tutoring 01:40 to 02:25 in 403 with Sol Galtan | Science 8 01:30 to 02:15 in 403 with Malcolm Fenton | College Group Meeting Srs 01:40 to 02:25 in 403 |
| Science 6 02:30 to 03:15 in 403 with Malcolm Fenton | Health 10 02:30 to 03:15 in 403 with Justine Fonte | Science 8 02:30 to 03:15 in 403 with Malcolm Fenton | Science 6 02:30 to 03:15 in 403 with Malcolm Fenton | | Euclidean Geometry 'A' 02:30 to 03:15 in 403 | | |

405

Chem Lab

| Monday | Tuesday | Wednesday | Thursday | Friday 1 | Friday 2 | Friday 3 | Friday 4 |
|---------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|
| Conceptual Chemistry 08:10 to 08:55 in 405 | Chemistry 08:10 to 08:55 in 405 with Joaquin Ramsey | Advanced Chemistry 'A' 08:10 to 08:55 in 405 | Chemistry 08:10 to 08:55 in 405 with Joaquin Ramsey | Advanced Chemistry 'A' 08:10 to 08:55 in 405 | Chemistry 08:10 to 08:55 in 405 with Joaquin Ramsey | Advanced Chemistry 'A' 08:10 to 08:55 in 405 | Chemistry 08:10 to 08:55 in 405 with Joaquin Ramsey |
| Conceptual Chemistry 09:00 to 09:45 in 405 | Chemistry 09:00 to 09:45 in 405 with Joaquin Ramsey | Advanced Chemistry 'A' 09:00 to 09:45 in 405 | Chemistry 09:00 to 09:45 in 405 with Joaquin Ramsey | Advanced Chemistry 'A' 09:00 to 09:45 in 405 | Chemistry 'A' 09:00 to 09:45 in 405 with Alexander Taylor | Advanced Chemistry 'A' 09:00 to 09:45 in 405 | Chemistry 'A' 09:00 to 09:45 in 405 with Alexander Taylor |
| Advanced Chemistry 'A' 10:10 to 10:55 in 405 | Chemistry 'A' 10:10 to 10:55 in 405 with Joaquin Ramsey | Chemistry 10:10 to 10:55 in 405 with Jennifer Hackett | Chemistry 'A' 10:10 to 10:55 in 405 with Alexander Taylor | Conceptual Chemistry 10:10 to 10:55 in 405 | Chemistry 10:10 to 10:55 in 405 with Jennifer Hackett | Conceptual Chemistry 10:10 to 10:55 in 405 | Chemistry 10:10 to 10:55 in 405 with Jennifer Hackett |
| Chemistry 11:00 to 11:45 in 405 with Alexander Taylor | Chemistry 'A' 11:00 to 11:45 in 405 with Joaquin Ramsey | Chemistry 11:00 to 11:45 in 405 with Jennifer Hackett | Chemistry 'A' 11:00 to 11:45 in 405 with Alexander Taylor | Chemistry 11:00 to 11:45 in 405 with Joaquin Ramsey | Chemistry 'A' 11:00 to 11:45 in 405 with Joaquin Ramsey | Chemistry 11:00 to 11:45 in 405 with Joaquin Ramsey | Chemistry 'A' 11:00 to 11:45 in 405 with Joaquin Ramsey |
| Chemistry 11:50 to 12:35 in 405 with Alexander Taylor | Chemistry 11:50 to 12:35 in 405 with Alexander Taylor | | Chemistry 11:50 to 12:35 in 405 with Alexander Taylor | Chemistry 11:50 to 12:35 in 405 with Alexander Taylor | | Chemistry 11:50 to 12:35 in 405 with Alexander Taylor | Chemistry 11:50 to 12:35 in 405 with Alexander Taylor |
| SMART Team 12:40 to 01:35 in 405 with Jennifer Hackett | SMART Team 12:40 to 01:35 in 405 with Jennifer Hackett | | | | | | |
| Chemistry 01:40 to 02:25 in 405 with Jennifer Hackett | Chemistry 01:40 to 02:25 in 405 with Joaquin Ramsey | Chemistry 'A' 01:40 to 02:25 in 405 with Alexander Taylor | Advanced Chemistry 'A' 01:40 to 02:25 in 405 | Chemistry 'A' 01:40 to 02:25 in 405 with Joaquin Ramsey | | Chemistry 'A' 01:40 to 02:25 in 405 with Alexander Taylor | Conceptual Chemistry 01:40 to 02:25 in 405 |
| Chemistry 'A' 02:30 to 03:15 in 405 with Joaquin Ramsey | Conceptual Chemistry 02:30 to 03:15 in 405 | Chemistry 02:30 to 03:15 in 405 with Joaquin Ramsey | Biology 02:30 to 03:15 in 405 with Ronald | Chemistry 02:30 to 03:15 in 405 with Jennifer Hackett | | Chemistry 02:30 to 03:15 in 405 with Joaquin Ramsey | Chemistry 02:30 to 03:15 in 405 with Joaquin Ramsey |

406

Monday Tuesday Wednesday Thursday Friday 1 Friday 2 Friday 3 Friday 4

| | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|
| House | House | House | House | House | House | House | House |
|-------|-------|-------|-------|-------|-------|-------|-------|

Peer Tutoring
11:50 to 12:35 in 406
with Lisa Stiller

Peer Tutoring
11:50 to 12:35 in 406
with Lisa Stiller

House
11:50 to 12:50 in 406
with Teddy Frischling

Peer Tutoring
11:50 to 12:35 in 406
with Lisa Stiller

Peer Tutoring
11:50 to 12:35 in 406
with Lisa Stiller

406A

| Monday | Tuesday | Wednesday | Thursday | Friday 1 | Friday 2 | Friday 3 | Friday 4 |
|-------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------|
| College Group Meeting Srs 08:10 to 08:55 in 406A | Advanced Writing Workshop 08:10 to 08:55 in 406A | Human Physiology 08:10 to 08:55 in 406A with Judith Geller | | Human Physiology 08:10 to 08:55 in 406A with Judith Geller | | Human Physiology 08:10 to 08:55 in 406A with Judith Geller | |
| Physics 'A' 09:00 to 09:45 in 406A with Jerry Francischelli | Chemistry 'A' 09:00 to 09:45 in 406A with Alexander Taylor | Physics 09:00 to 09:45 in 406A with Joaquin Ramsey | Physics 09:00 to 09:45 in 406A with Vance Condie | | | | |
| Human Physiology 10:10 to 10:55 in 406A with Judith Geller | Chemistry 10:10 to 10:55 in 406A with Jennifer Hackett | Mandarin Seminar 10:10 to 10:55 in 406A with Mena Zhao | | | Science 7 10:00 to 10:55 in 406A with Lisa Brizzolara | Mathematics 8 10:00 to 10:55 in 406A with Lisa Borenstein | Science 7 10:00 to 10:55 in 406A with Lisa Brizzolara |
| Physics 11:00 to 11:45 in 406A with Joaquin Ramsey | | Advanced Physics 2 'A' 11:00 to 11:45 in 406A | Advanced Writing Workshop 11:00 to 11:45 in 406A | | | | |
| Science 4 11:50 to 12:35 in 406A with Glenn Simonelli | Science 4 11:50 to 12:35 in 406A with Lisa Brizzolara | | Science 4 11:50 to 12:35 in 406A with Lisa Brizzolara | Science 4 11:50 to 12:35 in 406A with Lisa Brizzolara | Science 4 11:50 to 12:35 in 406A with Lisa Brizzolara | Science 4 11:50 to 12:35 in 406A with Lisa Brizzolara | Science 4 11:50 to 12:35 in 406A with Lisa Brizzolara |
| Science 5 12:45 to 01:35 in 406A with Glenn Simonelli | Science 5 12:45 to 01:35 in 406A with Glenn Simonelli | Science 5 12:45 to 01:35 in 406A with Glenn Simonelli | Science 5 12:45 to 01:35 in 406A with Glenn Simonelli | Science 5 12:45 to 01:35 in 406A with Glenn Simonelli | Science 5 12:45 to 01:35 in 406A with Glenn Simonelli | Science 5 12:45 to 01:35 in 406A with Glenn Simonelli | Science 5 12:45 to 01:35 in 406A with Glenn Simonelli |
| | Science 5 01:40 to 02:25 in 406A with Glenn Simonelli | | Human Physiology 01:40 to 02:25 in 406A with Judith Geller | | | | |
| Biology 02:30 to 03:15 in 406A with Molly Josephs | | Science 4 02:30 to 03:15 in 406A with Glenn Simonelli | Science 4 02:30 to 03:15 in 406A with Glenn Simonelli | | Human Physiology 02:30 to 03:15 in 406A with Judith Geller | | |

410

| Monday | Tuesday | Wednesday | Thursday | Friday 1 | Friday 2 | Friday 3 | Friday 4 |
|----------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------|
| Sustainable Engineering 08:10 to 08:55 in 410 | Science 7 08:10 to 09:00 in 410 with Evie Langteau | Biology 08:10 to 08:55 in 410 with Molly Josephs | Sustainable Engineering 08:10 to 08:55 in 410 | | Science 7 08:10 to 09:00 in 410 with Evie Langteau | | Science 7 08:10 to 09:00 in 410 with Evie Langteau |
| Environment I: Global Systems 09:00 to 09:45 in 410 | Advanced Physics 1 'A' 09:00 to 09:45 in 410 | Robotics 09:00 to 09:45 in 410 with Rob Quatrone | Environment I: Global Systems 09:00 to 09:45 in 410 | Robotics 09:00 to 09:45 in 410 with Rob Quatrone | Robotics 09:00 to 09:45 in 410 with Charles Forster | Robotics 09:00 to 09:45 in 410 with Charles Forster | Robotics 09:00 to 09:45 in 410 with Rob Quatrone |
| Biology 10:10 to 10:55 in 410 with Molly Josephs | Science 8 10:00 to 10:55 in 410 with Evie Langteau | Science 8 10:00 to 10:55 in 410 with Evie Langteau | Physics 10:10 to 10:55 in 410 with Angelo Bove | Environment I: Global Systems 10:10 to 10:55 in 410 | Science 8 10:00 to 10:55 in 410 with Evie Langteau | Environment I: Global Systems 10:10 to 10:55 in 410 | Science 8 10:00 to 10:55 in 410 with Evie Langteau |
| | Physics 11:00 to 11:45 in 410 with Jerry Francischelli | | Science 7 11:00 to 11:45 in 410 with Evie Langteau | Sustainable Engineering 11:00 to 11:45 in 410 | | Sustainable Engineering 11:00 to 11:45 in 410 | |
| Science 6 11:50 to 12:40 in 410 with Rob Quatrone | Science 6 11:50 to 12:35 in 410 with Rob Quatrone | Science 6 11:50 to 12:40 in 410 with Rob Quatrone | Science 6 11:50 to 12:40 in 410 with Rob Quatrone | Science 6 11:50 to 12:40 in 410 with Rob Quatrone | Science 6 11:50 to 12:40 in 410 with Rob Quatrone | Science 6 11:50 to 12:40 in 410 with Rob Quatrone | Science 6 11:50 to 12:40 in 410 with Rob Quatrone |
| Science 8 12:40 to 01:25 in 410 with Evie Langteau | Science 8 12:40 to 01:25 in 410 with Evie Langteau | Science 8 12:40 to 01:25 in 410 with Evie Langteau | Science 8 12:40 to 01:25 in 410 with Evie Langteau | Science 8 12:40 to 01:25 in 410 with Evie Langteau | Science 8 12:40 to 01:25 in 410 with Evie Langteau | Science 8 12:40 to 01:25 in 410 with Evie Langteau | Science 8 12:40 to 01:25 in 410 with Evie Langteau |
| Science 8 01:30 to 02:15 in 410 with Evie Langteau | Sustainable Engineering 01:40 to 02:25 in 410 | Robotics 01:40 to 02:25 in 410 with Charles Forster | Physics 01:40 to 02:25 in 410 with Angelo Bove | Science 8 01:30 to 02:15 in 410 with Evie Langteau | Robotics 01:40 to 02:25 in 410 with Charles Forster | Science 7 01:30 to 02:15 in 410 with Evie Langteau | Environment I: Global Systems 01:40 to 02:25 in 410 |
| Science 6 02:30 to 03:15 in 410 with Rob Quatrone | Environment I: Global Systems 02:30 to 03:15 in 410 | Science 7 02:30 to 03:15 in 410 with Evie Langteau | Science 6 02:30 to 03:15 in 410 with Rob Quatrone | | | Robotics 02:30 to 03:15 in 410 with Rob Quatrone | Sustainable Engineering 02:30 to 03:15 in 410 |

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Phys Lab

| Monday | Tuesday | Wednesday | Thursday | Friday 1 | Friday 2 | Friday 3 | Friday 4 |
|--------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|
| Physics 08:10 to 08:55 in 413 with Vance Condle | Physics 08:10 to 08:55 in 413 with Angelo Bove | Physics 08:10 to 08:55 in 413 with Angelo Bove | Physics 'A' 08:10 to 08:55 in 413 with Jerry Francischelli | Physics 08:10 to 08:55 in 413 with Angelo Bove | Physics 08:10 to 08:55 in 413 with Angelo Bove | Physics 08:10 to 08:55 in 413 with Angelo Bove | Physics 08:10 to 08:55 in 413 with Angelo Bove |
| Physics 09:00 to 09:45 in 413 with Vance Condle | Physics 09:00 to 09:45 in 413 with Angelo Bove | Physics 09:00 to 09:45 in 413 with Angelo Bove | Physics 'A' 09:00 to 09:45 in 413 with Jerry Francischelli | Physics 09:00 to 09:45 in 413 with Joaquin Ramsey | Advanced Physics 1 'A' 09:00 to 09:45 in 413 | Physics 09:00 to 09:45 in 413 with Joaquin Ramsey | Advanced Physics 1 'A' 09:00 to 09:45 in 413 |
| House | House | House | House | House | House | House | House |
| Physics 10:10 to 10:55 in 413 with Angelo Bove | Advanced Physics 2 'A' 10:10 to 10:55 in 413 | Physics 10:10 to 10:55 in 413 with Jerry Francischelli | Advanced Physics 1 'A' 10:10 to 10:55 in 413 | Physics 10:10 to 10:55 in 413 with Vance Condle | Advanced Physics 2 'A' 10:10 to 10:55 in 413 | Physics 10:10 to 10:55 in 413 with Vance Condle | Advanced Physics 2 'A' 10:10 to 10:55 in 413 |
| Physics 'A' 11:00 to 11:45 in 413 with Angelo Bove | Advanced Physics 2 'A' 11:00 to 11:45 in 413 | Physics 11:00 to 11:45 in 413 with Jerry Francischelli | Advanced Physics 1 'A' 11:00 to 11:45 in 413 | Physics 'A' 11:00 to 11:45 in 413 with Jerry Francischelli | Physics 11:00 to 11:45 in 413 with Jerry Francischelli | Physics 'A' 11:00 to 11:45 in 413 with Jerry Francischelli | Physics 11:00 to 11:45 in 413 with Jerry Francischelli |
| Physics 'A' 11:50 to 12:35 in 413 with Angelo Bove | Physics 'A' 11:50 to 12:35 in 413 with Angelo Bove | Physics 'A' 11:50 to 12:35 in 413 with Angelo Bove | Physics 'A' 11:50 to 12:35 in 413 with Angelo Bove | Physics 'A' 11:50 to 12:35 in 413 with Angelo Bove | House 11:50 to 12:50 in 413 with Gordon Campbell | Physics 'A' 11:50 to 12:35 in 413 with Angelo Bove | Physics 'A' 11:50 to 12:35 in 413 with Angelo Bove |
| | | Science 5 12:45 to 01:35 in 413 with Vance Condle | | Science 5 12:45 to 01:35 in 413 with Vance Condle | Science 5 12:45 to 01:35 in 413 with Vance Condle | Science 5 12:45 to 01:35 in 413 with Vance Condle | Science 5 12:45 to 01:35 in 413 with Vance Condle |
| Advanced Physics 2 'A' 01:40 to 02:25 in 413 | Science 5 01:40 to 02:25 in 413 with Vance Condle | Advanced Physics 1 'A' 01:40 to 02:25 in 413 | Physics 01:40 to 02:25 in 413 with Joaquin Ramsey | Physics 01:40 to 02:25 in 413 with Jerry Francischelli | Physics 01:40 to 02:25 in 413 with Joaquin Ramsey | Physics 01:40 to 02:25 in 413 with Angelo Bove | Physics 01:40 to 02:25 in 413 with Vance Condle |
| Physics 02:30 to 03:15 in 413 with Jerry Francischelli | Physics 02:30 to 03:15 in 413 with Vance Condle | Physics 02:30 to 03:15 in 413 with Angelo Bove | Physics 02:30 to 03:15 in 413 with Joaquin Ramsey | Advanced Physics 2 'A' 02:30 to 03:15 in 413 | Physics 02:30 to 03:15 in 413 with Angelo Bove | Advanced Physics 1 'A' 02:30 to 03:15 in 413 | Physics 'A' 02:30 to 03:15 in 413 with Jerry Francischelli |

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SCLC

| Monday | Tuesday | Wednesday | Thursday | Friday 1 | Friday 2 | Friday 3 | Friday 4 |
|-----------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| Advanced Biology 'A' 08:10 to 08:55 in 415 | Advanced BioTech 'A' 08:10 to 08:55 in 415 | Biology 08:10 to 08:55 in 415 with Ronald | Biology 08:10 to 08:55 in 415 with Judith Geller | Biology 08:10 to 08:55 in 415 with Molly Josephs | Advanced BioTech 'A' 08:10 to 08:55 in 415 | Biology 08:10 to 08:55 in 415 with Molly Josephs | Advanced BioTech 'A' 08:10 to 08:55 in 415 |
| Advanced Biology 'A' 09:00 to 09:45 in 415 | Advanced BioTech 'A' 09:00 to 09:45 in 415 | Biology 09:00 to 09:45 in 415 with Ronald | Biology 09:00 to 09:45 in 415 with Judith Geller | Biology 09:00 to 09:45 in 415 with Ronald | Biology 09:00 to 09:45 in 415 with Ronald | Biology 09:00 to 09:45 in 415 with Ronald | Biology 09:00 to 09:45 in 415 with Ronald |
| House | House | House | House | House | House | House | House |
| Biology 10:10 to 10:55 in 415 with Jennifer Hackett | Biology 10:10 to 10:55 in 415 with Molly Josephs | Biology 10:10 to 10:55 in 415 with Molly Josephs | Biology 10:10 to 10:55 in 415 with Ronald | Advanced Biology 'A' 10:10 to 10:55 in 415 | Biology 10:10 to 10:55 in 415 with Molly Josephs | Advanced Biology 'A' 10:10 to 10:55 in 415 | Biology 10:10 to 10:55 in 415 with Molly Josephs |
| Biology 11:00 to 11:45 in 415 with Jennifer Hackett | Biology 11:00 to 11:45 in 415 with Jennifer Hackett | Biology 11:00 to 11:45 in 415 with Molly Josephs | Biology 11:00 to 11:45 in 415 with Ronald | Biology 11:00 to 11:45 in 415 with Judith Geller | Advanced Biology 'A' 11:00 to 11:45 in 415 | Biology 11:00 to 11:45 in 415 with Judith Geller | Advanced Biology 'A' 11:00 to 11:45 in 415 |
| Biology 11:50 to 12:35 in 415 with Jennifer Hackett | Biology 11:50 to 12:35 in 415 with Jennifer Hackett | | Biology 11:50 to 12:35 in 415 with Jennifer Hackett | Biology 11:50 to 12:35 in 415 with Jennifer Hackett | House 11:50 to 12:50 in 415 with Ronald Schollenberger | Biology 11:50 to 12:35 in 415 with Jennifer Hackett | Biology 11:50 to 12:35 in 415 with Jennifer Hackett |
| Science 7 12:40 to 01:25 in 415 with Judith Geller | Science 7 12:40 to 01:25 in 415 with Judith Geller | Science 7 12:40 to 01:25 in 415 with Judith Geller | Science 7 12:40 to 01:25 in 415 with Judith Geller | Science 7 12:40 to 01:25 in 415 with Judith Geller | | Science 7 12:40 to 01:25 in 415 with Judith Geller | Science 7 12:40 to 01:25 in 415 with Judith Geller |
| Advanced Biology 'A' 01:40 to 02:25 in 415 | Biology 01:40 to 02:25 in 415 with Molly Josephs | Biology 01:40 to 02:25 in 415 with Ronald | Biology 01:40 to 02:25 in 415 with Molly Josephs | Advanced Biology 'A' 01:40 to 02:25 in 415 | Biology 01:40 to 02:25 in 415 with Ronald | Advanced BioTech 'A' 01:40 to 02:25 in 415 | Advanced Biology 'A' 01:40 to 02:25 in 415 |
| Advanced Biology 'A' 02:30 to 03:15 in 415 | Biology 02:30 to 03:15 in 415 with Molly Josephs | Advanced BioTech 'A' 02:30 to 03:15 in 415 | Biology 02:30 to 03:15 in 415 with Molly Josephs | Biology 02:30 to 03:15 in 415 with Molly Josephs | Biology 02:30 to 03:15 in 415 with Molly Josephs | Biology 02:30 to 03:15 in 415 with Ronald | Biology 02:30 to 03:15 in 415 with Judith Geller |

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| Monday | Tuesday | Wednesday | Thursday | Friday 1 | Friday 2 | Friday 3 | Friday 4 |
|----------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------|
| Mathematics 8 08:10 to 09:00 in 450 with Lisa Borenstein | Science 7 08:10 to 09:00 in 450 with Elissa Baim | Mathematics 8 08:10 to 09:00 in 450 with Lisa Borenstein | Health 10 08:10 to 08:55 in 450 with Justine Fonte | Creative Writing Elective 08:10 to 08:55 in 450 | Science 7 08:10 to 09:00 in 450 with Elissa Baim | Creative Writing Elective 08:10 to 08:55 in 450 | Science 7 08:10 to 09:00 in 450 with Elissa Baim |
| Health 12 09:00 to 09:45 in 450 with Justine Fonte | Mathematics 8 09:05 to 09:55 in 450 with Lisa Borenstein | Math Team MS 09:05 to 09:55 in 450 with Lisa Borenstein | Biology 09:00 to 09:45 in 450 with Molly Josephs | | Mathematics 8 09:05 to 09:55 in 450 with Lisa Borenstein | | Mathematics 8 09:05 to 09:55 in 450 with Lisa Borenstein |
| Advanced Writing Workshop 10:10 to 10:55 in 450 | Science 7 10:00 to 10:55 in 450 with Lisa Brizzolara | Science 7 10:00 to 10:55 in 450 with Lisa Brizzolara | Science 4 10:05 to 10:45 in 450 with Will Hopkins | Science 4 10:05 to 10:45 in 450 with Glenn Simonelli | Science 4 10:05 to 10:45 in 450 with Glenn Simonelli | Science 4 10:05 to 10:45 in 450 with Glenn Simonelli | Science 4 10:05 to 10:45 in 450 with Glenn Simonelli |
| Science 4 11:50 to 12:35 in 450 with Will Hopkins | Science 4 11:50 to 12:35 in 450 with Glenn Simonelli | Science 4 11:50 to 12:35 in 450 with Glenn Simonelli | Science 7 11:00 to 11:45 in 450 with Elissa Baim | Math Team 11:00 to 11:45 in 450 with David Gomprecht | | Math Team 11:00 to 11:45 in 450 with David Gomprecht | |
| Science 7 12:40 to 01:25 in 450 with Molly Josephs | | Science 7 12:40 to 01:25 in 450 with Molly Josephs | Science 7 12:40 to 01:25 in 450 with Molly Josephs | Science 4 11:50 to 12:35 in 450 with Glenn Simonelli | Science 4 11:50 to 12:35 in 450 with Glenn Simonelli | Science 4 11:50 to 12:35 in 450 with Glenn Simonelli | Science 4 11:50 to 12:35 in 450 with Glenn Simonelli |
| Science 7 01:30 to 02:15 in 450 with Lisa Brizzolara | Physics 'A' 01:40 to 02:25 in 450 with Jerry Francischelli | | Mathematics 8 01:30 to 02:15 in 450 with Lisa Borenstein | Science 7 12:40 to 01:25 in 450 with Molly Josephs | | Science 7 12:40 to 01:25 in 450 with Molly Josephs | Science 7 12:40 to 01:25 in 450 with Molly Josephs |
| Science 4 02:30 to 03:15 in 450 with Glenn Simonelli | Science 4 02:30 to 03:15 in 450 with Will Hopkins | Science 7 02:30 to 03:15 in 450 with Elissa Baim | Astronomy 02:30 to 03:15 in 450 with Jerry Francischelli | Science 7 01:30 to 02:15 in 450 with Lisa Brizzolara | Advanced Writing Workshop 02:30 to 03:15 in 450 | Science 7 01:30 to 02:15 in 450 with Elissa Baim | Math Team 02:30 to 03:15 in 450 with David Gomprecht |

