



## TOWN OF BEDFORD FACILITIES DEPARTMENT

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To: Phil Conrad  
Superintendent of Schools

From: Taissir Alani – Facilities Director

Cc: Julie Kirrane, Tricia Clifford

RE: Schools Ventilation Update

Date: March 29, 2021

Dear Phil,

As a follow up to the School Committee meeting on Tuesday March 9, 2021, the following will provide a summary update on the ventilation system in the schools. I have attached the retest reports as well as other related documents.

- 1- Davis Elementary School: Per the attached report, all work has been completed as of March 26, 2021.
- 2- Lane Elementary School: Per the attached report, all work has been completed as of March 26, 2021. Adjustment, repairs and Outside Air (OA) retesting have been completed.
- 3- JGMS & BHS Update: Based on the August 2020 initial assessment/report, the ventilation in most of the areas in the two schools is acceptable. However, more testing/retesting started on Saturday March 27, 2021 and will be completed prior to the schools reopening for full return, including the repairs and adjustment where needed. A follow up report can be made available during the week of April 20.
- 4- HALO units update.

I look forward to presenting on Tuesday March 30, 2021.

Thank you

Taissir

FACILITIES DEPARTMENT- 101 MCMAHON ROAD - BEDFORD MA 01730-

TEL 781-275-5290

# BALANCING REPORT

**REVISED**

**PROJECT:** **DAVIS ELEMENTARY SCHOOL**  
410 DAVIS ROAD  
BEDFORD, MA

**CONTRACTOR:** TOWN OF BEDFORD  
BEDFORD, MA

ELB CO. JOB # 6204

# E. L. BARRETT COMPANY, INC.

BEDFORD SCHOOL SYSTEM  
DAVIS ELEMENTARY SCHOOL  
410 DAVIS ROAD  
BEDFORD, MA

3/26/2021  
1ST FL. REF-7

| OUTLET NO. | LOCATION                   | TYPE | SIZE  | AREA  | DESIGN C.F.M. | REQUIRED VELOCITY | ACTUAL VELOCITY | ACTUAL C.F.M. |
|------------|----------------------------|------|-------|-------|---------------|-------------------|-----------------|---------------|
|            | REF-7                      |      |       |       |               |                   |                 |               |
| 1          | 131 / 1052                 | ER   | 10X10 | *     | 400           |                   |                 | 323           |
| 2          | 132 / 1053                 | ER   | 10X10 | *     | 400           |                   |                 | 361           |
| 3          | 133 / 1054                 | ER   | 10X10 | *     | 300           |                   |                 | 263           |
| 4          | 133 / 1056 TOILET          | ER   | 8X8   | *     | 75            |                   |                 | 170           |
| 5          | 133 / 1055 STORAGE         | ER   | 8X8   | *     | 75            |                   |                 | 64            |
| 6          | 134 / 1059 TOILET          | ER   | 8X8   | *     | 75            |                   |                 | 53            |
| 7          | 134 / 1058 STORAGE         | ER   | 8X8   | *     | 75            |                   |                 | 68            |
| 8          | 134 / 1057                 | ER   | 10X10 | *     | 300           |                   |                 | 263           |
| 9          | 135 / 1063 TOILET          | ER   | 8X8   | *     | 75            |                   |                 | 85            |
| 10         | 135 / 1062 STORAGE         | ER   | 8X8   | *     | 75            |                   |                 | 74            |
| 11         | 135 / 1061                 | ER   | 10X10 | *     | 300           |                   |                 | 262           |
| 12         | 136 / 1064                 | ER   | 10X10 | *     | 400           |                   |                 | 361           |
|            |                            |      |       | TOTAL | 2550          |                   |                 | 2347          |
|            |                            |      |       |       |               |                   |                 |               |
|            |                            |      |       |       |               |                   |                 |               |
|            |                            |      |       |       |               |                   |                 |               |
|            | DWG M1.1C DATED APRIL 1998 |      |       |       |               |                   |                 |               |
|            |                            |      |       |       |               |                   |                 |               |
|            |                            |      |       |       |               |                   |                 |               |
|            |                            |      |       |       |               |                   |                 |               |
|            |                            |      |       |       |               |                   |                 |               |
|            |                            |      |       |       |               |                   |                 |               |

ELB CO. JOB #: 6204  
COMMENTS:

# E. L. BARRETT COMPANY, INC.

BEDFORD SCHOOL SYSTEM  
DAVIS ELEMENTARY SCHOOL  
410 DAVIS ROAD  
BEDFORD, MA

3/26/2021  
1ST FL. REF-8

| OUTLET NO.                        | LOCATION            | TYPE | SIZE  | AREA         | DESIGN C.F.M. | REQUIRED VELOCITY | ACTUAL VELOCITY | ACTUAL C.F.M. |
|-----------------------------------|---------------------|------|-------|--------------|---------------|-------------------|-----------------|---------------|
|                                   | <b>REF-8</b>        |      |       |              |               |                   |                 |               |
| 1                                 | 118 / 1086 STORAGE  | ER   | 8X8   | *            | 200           |                   |                 | 229           |
| 2                                 | 1085 ELEC           | ER   | 8X8   | *            | 50            |                   |                 | 50            |
| 3                                 | 1107 STORAGE        | ER   | 8X8   | *            | 100           |                   |                 | 228           |
| 4                                 | 112 / 1094          | ER   | 12X12 | *            | 450           |                   |                 | 499           |
| 5                                 | 113 / 1095          | ER   | 12X12 | *            | 400           |                   |                 | 296           |
| 6                                 | 114 / 1096          | ER   | 12X12 | *            | 300           |                   |                 | 198           |
| 7                                 | 114 / 1098 TOILET   | ER   | 10X10 | *            | 75            |                   |                 | 140           |
| 8                                 | 114B / 1097 STORAGE | ER   | 8X8   | *            | 75            |                   |                 | 61            |
| 9                                 | 115 / 1099          | ER   | 12X12 | *            | 300           |                   |                 | 266           |
| 10                                | 115 / 1102 TOILET   | ER   | 10X10 | *            | 75            |                   |                 | 55            |
| 11                                | 115B / 1101 STORAGE | ER   | 8X8   | *            | 75            |                   |                 | 61            |
| 12                                | 116 / 1103          | ER   | 12X12 | *            | 300           |                   |                 | 70            |
| 13                                | 116 / 1105 TOILET   | ER   | 10X10 | *            | 75            |                   |                 | 157           |
| 14                                | 116B / 1104 STORAGE | ER   | 8X8   | *            | 75            |                   |                 | 88            |
| 15                                | 117 / 1106          | ER   | 12X12 | *            | 400           |                   |                 | 275           |
|                                   |                     |      |       | <b>TOTAL</b> | <b>2950</b>   |                   |                 | <b>2673</b>   |
| <b>DWG M1.1C DATED APRIL 1998</b> |                     |      |       |              |               |                   |                 |               |
|                                   |                     |      |       |              |               |                   |                 |               |
|                                   |                     |      |       |              |               |                   |                 |               |
|                                   |                     |      |       |              |               |                   |                 |               |
|                                   |                     |      |       |              |               |                   |                 |               |
|                                   |                     |      |       |              |               |                   |                 |               |
|                                   |                     |      |       |              |               |                   |                 |               |

ELB CO. JOB #: 6204  
COMMENTS:

# E. L. BARRETT COMPANY, INC.

BEDFORD SCHOOL SYSTEM  
DAVIS ELEMENTARY SCHOOL  
410 DAVIS ROAD  
BEDFORD, MA

3/26/2021  
UNIT VENTILATORS  
AFTER ADJUSTMENTS

| OUTLET NO.  | LOCATION   | TYPE   | SIZE | AREA | DESIGN C.F.M. | DESIGN %O.A.    | ACT SPEED ACT %O.A. | ACTUAL CFM |
|-------------|------------|--------|------|------|---------------|-----------------|---------------------|------------|
| SUPPLY      | 112 (1094) | UV SUP | 50X5 | *    | 1000          |                 | HI                  | 904        |
| OUTSIDE AIR | 112 (1094) | LOUVER | 72X8 | *    | 500           | 33%             | 35%                 | 320        |
|             |            |        |      |      |               |                 |                     |            |
| SUPPLY      | 113 (1095) | UV SUP | 62X5 | *    | 1250          |                 | HI                  | 1200       |
| OUTSIDE AIR | 113 (1095) | LOUVER | 72X8 | *    | 450           | 36%             | 35%                 | 422        |
|             |            |        |      |      |               |                 |                     |            |
| SUPPLY      | 114 (1096) | UV SUP | 72X5 | *    | 1500          |                 | HI                  | 1000       |
| OUTSIDE AIR | 114 (1096) | LOUVER | 72X8 | *    | 500           | FAN SPEED ISSUE |                     | 468        |
|             |            |        |      |      |               |                 |                     |            |
| SUPPLY      | 115 (1099) | UV SUP | 72X5 | *    | 1500          |                 | HI                  | 1143 /1498 |
| OUTSIDE AIR | 115 (1099) | LOUVER | 72X8 | *    | 500           | 33%             | 31% / 31%           | 356 /468   |
|             |            |        |      |      |               |                 |                     |            |
| SUPPLY      | 116 (1103) | UV SUP | 72X5 | *    | 1500          |                 | HI                  | 1457       |
| OUTSIDE AIR | 116 (1103) | LOUVER | 72X8 | *    | 500           | 33%             |                     |            |
|             |            |        |      |      |               |                 |                     |            |
| SUPPLY      | 117 (1106) | UV SUP | 62X5 | *    | 1250          |                 | HI                  | 1047       |
| OUTSIDE AIR | 117 (1106) | LOUVER | 72X8 | *    | 450           | 36%             | 37%                 | 420        |
|             |            |        |      |      |               |                 |                     |            |
| SUPPLY      | 120 (1128) | UV SUP | 72X5 | *    | 1500          |                 | HI                  | 1103       |
| OUTSIDE AIR | 120 (1128) | LOUVER | 72X8 | *    | 500           | 33%             | 32%                 | 355        |
|             |            |        |      |      |               |                 |                     |            |
| SUPPLY      | 121 (1125) | UV SUP | 72X5 | *    | 1500          |                 | HI                  | 1050       |
| OUTSIDE AIR | 121 (1125) | LOUVER | 72X8 | *    | 500           | 33%             | 32%                 | 339        |
|             |            |        |      |      |               |                 |                     |            |

ELB CO. JOB #: 6204

**COMMENTS: THESE OUTSIDE AIR READINGS 3/17/2021, AFTER ADJUSTMENTS  
115 READING IN BOLD, IS WITHOUT THE MERV 13 FILTER INSTALLED**

# E. L. BARRETT COMPANY, INC.

BEDFORD SCHOOL SYSTEM  
DAVIS ELEMENTARY SCHOOL  
410 DAVIS ROAD  
BEDFORD, MA

3/26/2021  
UNIT VENTILATORS  
AFTER ADJUSTMENTS

| OUTLET NO.  | LOCATION   | TYPE   | SIZE | AREA | DESIGN C.F.M. | DESIGN %O.A. | ACT SPEED ACT %O.A. | ACTUAL CFM |
|-------------|------------|--------|------|------|---------------|--------------|---------------------|------------|
| SUPPLY      | 122 (1122) | UV SUP | 72X5 | *    | 1500          |              | HI                  | 1314       |
| OUTSIDE AIR | 122 (1122) | LOUVER | 72X8 | *    | 500           | 33%          | 30%                 | 388        |
|             |            |        |      |      |               |              |                     |            |
| SUPPLY      | 123 (1118) | UV SUP | 72X5 | *    | 1500          |              | LO (1)              | 1026       |
| OUTSIDE AIR | 123 (1118) | LOUVER | 72X8 | *    | 500           | 33%          | 31%                 | 322        |
|             |            |        |      |      |               |              |                     |            |
| SUPPLY      | 124 (1117) | UV SUP | 72X5 | *    | 1500          |              | LO (1)              | 1025       |
| OUTSIDE AIR | 124 (1117) | LOUVER | 72X8 | *    | 500           | 33%          | 30%                 | 306        |
|             |            |        |      |      |               |              |                     |            |
| SUPPLY      | 131 (1052) | UV SUP | 62X5 | *    | 1500          |              | HI (2)              | 1256       |
| OUTSIDE AIR | 131 (1052) | LOUVER | 72X8 | *    | 500           | 33%          | 31%                 | 385        |
|             |            |        |      |      |               |              |                     |            |
| SUPPLY      | 132 (1053) | UV SUP | 62X5 | *    | 1500          |              | HI (2)              | 1252       |
| OUTSIDE AIR | 132 (1053) | LOUVER | 72X8 | *    | 500           | 33%          | 31%                 | 390        |
|             |            |        |      |      |               |              |                     |            |
| SUPPLY      | 133 (1054) | UV SUP | 72X5 | *    | 1500          |              | HI                  | 1456       |
| OUTSIDE AIR | 133 (1054) | LOUVER | 72X8 | *    | 500           | 33%          | 31%                 | 452        |
|             |            |        |      |      |               |              |                     |            |
| SUPPLY      | 134 (1057) | UV SUP | 72X5 | *    | 1500          |              | HI                  | 1569       |
| OUTSIDE AIR | 134 (1057) | LOUVER | 72X8 | *    | 500           | 33%          | 32%                 | 498        |
|             |            |        |      |      |               |              |                     |            |
| SUPPLY      | 135 (1061) | UV SUP | 72X5 | *    | 1500          |              | HI                  | 1265       |
| OUTSIDE AIR | 135 (1061) | LOUVER | 72X8 | *    | 500           | 33%          | 34%                 | 429        |
|             |            |        |      |      |               |              |                     |            |

ELB CO. JOB #: 6204

**COMMENTS: THESE OUTSIDE AIR READINGS 3/17/2021, AFTER ADJUSTMENTS**

- (1) UNIT REPLACEMENT MOTOR RATTLES ON ANY OTHER SPEED DUE TO HIGHER RPM
- (2) DIFFERENT SIZE UNITS THAN OTHER UV-4

3/26/2021  
UNIT VENTILATORS  
AFTER ADJUSTMENTS

[illegible]

ELB CO. JOB #: 6204

**COMMENTS: THESE OUTSIDE AIR READINGS 3/17/2021, AFTER ADJUSTMENTS**

# E. L. BARRETT COMPANY, INC.

BEDFORD SCHOOL SYSTEM  
DAVIS ELEMENTARY SCHOOL  
410 DAVIS ROAD  
BEDFORD, MA

3/26/2021  
UNIT VENTILATORS  
AFTER ADJUSTMENTS

| OUTLET NO.  | LOCATION   | TYPE   | SIZE  | AREA | DESIGN C.F.M. | DESIGN %O.A. | ACT SPEED ACT %O.A. | ACTUAL CFM |
|-------------|------------|--------|-------|------|---------------|--------------|---------------------|------------|
| SUPPLY      | 213 (2031) | UV SUP | 60X7  | *    | 1250          |              | HI                  | 1205       |
| OUTSIDE AIR | 213 (2031) | PITOT  | 20X20 | 2.78 | 450           | 162          | 157                 | 436        |
|             |            |        |       |      |               |              |                     |            |
| SUPPLY      | 214 (2032) | UV SUP | 60X7  | *    | 1250          |              | HI                  | 1202       |
| OUTSIDE AIR | 214 (2032) | PITOT  | 20X20 | 2.78 | 450           | 162          | 159                 | 442        |
|             |            |        |       |      |               |              |                     |            |
| SUPPLY      | 215 (2033) | UV SUP | 60X7  | *    | 1250          |              | HI                  | 1201       |
| OUTSIDE AIR | 215 (2033) | PITOT  | 20X20 | 2.78 | 450           | 162          | 162                 | 450        |
|             |            |        |       |      |               |              |                     |            |
| SUPPLY      | 216 (2034) | UV SUP | 60X7  | *    | 1250          |              | HI                  | 1102       |
| OUTSIDE AIR | 216 (2034) | PITOT  | 20X20 | 2.78 | 450           | 162          | 164                 | 456        |
|             |            |        |       |      |               |              |                     |            |
| SUPPLY      | 217 (2036) | UV SUP | 72X7  | *    | 1500          |              | HI                  | 1642       |
| OUTSIDE AIR | 217 (2036) | PITOT  | 20X20 | 2.78 | 450           | 162          | 163                 | 453        |
|             |            |        |       |      |               |              |                     |            |
| SUPPLY      | 227 (2006) | UV SUP | 36X7  | *    | 750           |              | HI                  | 711        |
| OUTSIDE AIR | 227 (2006) | PITOT  | 14X12 | 1.17 | 375           | 321          | 308                 | 359        |
|             |            |        |       |      |               |              |                     |            |
| SUPPLY      | 231 (2007) | UV SUP | 62X5  | *    | 1250          |              | HI                  | 1127       |
| OUTSIDE AIR | 231 (2007) | LOUVER | 72X8  | *    | 450           | 36%          | 31%                 | 352        |
|             |            |        |       |      |               |              |                     |            |
| SUPPLY      | 232 (2008) | UV SUP | 62X5  | *    | 1250          |              | HI                  | 1320       |
| OUTSIDE AIR | 232 (2008) | LOUVER | 72X8  | *    | 450           | 36%          | 34%                 | 456        |
|             |            |        |       |      |               |              |                     |            |

ELB CO. JOB #: 6204

COMMENTS: THESE OUTSIDE AIR READINGS 3/17/2021, 3/24/2021 AFTER ADJUSTMENTS

3/26/2021  
UNIT VENTILATORS  
AFTER ADJUSTMENTS

[illegible]

ELB CO. JOB #: 6204

**COMMENTS: THESE OUTSIDE AIR READINGS 3/17/2021, AFTER ADJUSTMENTS**

# BALANCING REPORT

**REVISED**

**PROJECT:** **LANE SCHOOL**  
66 SWEETWATER AVENUE  
BEDFORD, MA

**ENGINEER:** NORTHEAST ENGINEERING &  
COMMISSIONING SERVICES  
WESTWOOD, MA

**CONTRACTOR:** TOWN OF BEDFORD  
BEDFORD, MA

ELB CO. JOB # 6187

# E. L. BARRETT COMPANY, INC.

LANE SCHOOL  
66 SWEETWATER AVE  
BEDFORD, MA

3/26/2021

UNIT VENTILATORS (AFTER CLEANINGS)

| OUTLET NO.  | LOCATION | TYPE   | SIZE  | AREA | DESIGN C.F.M. |  | SPEED | ACTUAL CFM |
|-------------|----------|--------|-------|------|---------------|--|-------|------------|
| SUPPLY      | 003      | UV SUP | 54X8  | *    | 1000          |  | HI    | 1069       |
| OUTSIDE AIR | 003      | LOUVER | 48X12 | *    | 430           |  |       | 371        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 005      | UV SUP | 54X8  | *    | 1000          |  | HI    | 1048       |
| OUTSIDE AIR | 005      | LOUVER | 48X12 | *    | 430           |  |       | 300        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 007      | UV SUP | 54X8  | *    | 1000          |  | HI    | 1149       |
| OUTSIDE AIR | 007      | LOUVER | 48X12 | *    | 430           |  |       | 393        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 010      | UV SUP | 54X8  | *    | 1000          |  | HI    | 1003       |
| OUTSIDE AIR | 010      | LOUVER | 48X12 | *    | 430           |  |       | 300        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 012      | UV SUP | 54X8  | *    | 1000          |  | HI    | 1140       |
| OUTSIDE AIR | 012      | LOUVER | 48X12 | *    | 430           |  |       | 368        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 014      | UV SUP | 46X7  | *    | NL            |  | HI    | 727        |
| OUTSIDE AIR | 014      | LOUVER | 36X12 | *    | NL            |  |       | 235        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 016      | UV SUP | 34X7  | *    | NL            |  | HI    | 891        |
| OUTSIDE AIR | 016      | LOUVER | 48X12 | *    | NL            |  |       | 301        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 017      | UV SUP | 34X7  | *    | NL            |  | HI    | 773        |
| OUTSIDE AIR | 017      | LOUVER | 48X12 | *    | NL            |  |       | 271        |
|             |          |        |       |      |               |  |       |            |

ELB CO. JOB #: 6187

READINGS THIS PAGE AFTER CLEANING UNITS/FILTER CHANGES 2/18/2021,3/3/2021,3/10/2021,3/24/2021

# E. L. BARRETT COMPANY, INC.

LANE SCHOOL  
66 SWEETWATER AVE  
BEDFORD, MA

3/26/2021  
UNIT VENTILATORS (AFTER CLEANINGS)

| OUTLET NO.  | LOCATION | TYPE   | SIZE  | AREA | DESIGN C.F.M. |  | SPEED | ACTUAL CFM |
|-------------|----------|--------|-------|------|---------------|--|-------|------------|
| SUPPLY      | 018      | UV SUP | 46X7  | *    | NL            |  | HI    | 605        |
| OUTSIDE AIR | 018      | LOUVER | 36X12 | *    | NL            |  |       | 201        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 022      | UV SUP | 54X8  | *    | 1000          |  | HI    | 1102       |
| OUTSIDE AIR | 022      | LOUVER | 48X12 | *    | 430           |  |       | 346        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 023      | UV SUP | 54X8  | *    | 1000          |  | HI    | 1153       |
| OUTSIDE AIR | 023      | LOUVER | 48X12 | *    | 430           |  |       | 433        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 024      | UV SUP | 54X8  | *    | 1000          |  | HI    | 1102       |
| OUTSIDE AIR | 024      | LOUVER | 48X12 | *    | 430           |  |       | 396        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 025      | UV SUP | 54X8  | *    | 1000          |  | HI    | 1132       |
| OUTSIDE AIR | 025      | LOUVER | 48X12 | *    | 430           |  |       | 448        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 038      | UV SUP | 42X8  | *    | 750           |  | HI    | 904        |
| OUTSIDE AIR | 038      | LOUVER | 48X12 |      | 260           |  |       | 363        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 040      | UV SUP | 54X8  | *    | 1000          |  | HI    | 1091       |
| OUTSIDE AIR | 040      | LOUVER | 48X12 | *    | 430           |  |       | 358        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 041      | UV SUP | 54X8  | *    | 1000          |  | HI    | 1155       |
| OUTSIDE AIR | 041      | LOUVER | 48X12 | *    | 430           |  |       | 358        |
|             |          |        |       |      |               |  |       |            |

ELB CO. JOB #: 6187

READINGS THIS PAGE AFTER CLEANING UNITS/FILTER CHANGES 2/18/2021,3/3/2021,3/10/2021,3/24/2021

LANE SCHOOL  
66 SWEETWATER AVE  
BEDFORD, MA

UNIT VENTILATORS (AFTER CLEANINGS)

READINGS THIS PAGE AFTER CLEANING UNITS/FILTER CHANGES 2/18/2021,3/3/2021,3/10/2021

# E. L. BARRETT COMPANY, INC.

LANE SCHOOL  
66 SWEETWATER AVE  
BEDFORD, MA

3/26/2021

UNIT VENTILATORS (AFTER CLEANINGS)

2<sup>nd</sup> Floor

| OUTLET NO.  | LOCATION | TYPE   | SIZE  | AREA | DESIGN C.F.M. |  | SPEED | ACTUAL CFM |
|-------------|----------|--------|-------|------|---------------|--|-------|------------|
| SUPPLY      | 203      | UV SUP | 42X8  | *    | 750           |  | HI    | 902        |
| OUTSIDE AIR | 203      | LOUVER | 48X12 | *    | 260           |  |       | 289        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 204      | UV SUP | 42X8  | *    | 750           |  | HI    | 915        |
| OUTSIDE AIR | 204      | LOUVER | 48X12 | *    | 200           |  |       | 259        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 205      | UV SUP | 54X8  | *    | 1000          |  | HI    | 1175       |
| OUTSIDE AIR | 205      | LOUVER | 48X12 | *    | 430           |  |       | 369        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 206      | UV SUP | 54X8  | *    | 1000          |  | HI    | 1178       |
| OUTSIDE AIR | 206      | LOUVER | 48X12 | *    | 430           |  |       | 378        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 208      | UV SUP | 54X8  | *    | 1000          |  | HI    | 1146       |
| OUTSIDE AIR | 208      | LOUVER | 48X12 | *    | 430           |  |       | 442        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 209      | UV SUP | 54X8  | *    | 1000          |  | HI    | 1158       |
| OUTSIDE AIR | 209      | LOUVER | 48X12 | *    | 430           |  |       | 450        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 211      | UV SUP | 34X7  | *    | NL            |  | HI    | 653        |
| OUTSIDE AIR | 211      | LOUVER | 36X12 | *    | NL            |  |       | 201        |
|             |          |        |       |      |               |  |       |            |
| SUPPLY      | 213      | UV SUP | 46X7  | *    | NL            |  | HI    | 601        |
| OUTSIDE AIR | 213      | LOUVER | 48X12 | *    | NL            |  |       | 259        |
|             |          |        |       |      |               |  |       |            |

ELB CO. JOB #: 6187

READINGS THIS PAGE AFTER CLEANING UNITS/FILTER CHANGES 2/18/2021,3/3/2021,3/10/2021,3/24/2021

# E. L. BARRETT COMPANY, INC.

LANE SCHOOL  
66 SWEETWATER AVE  
BEDFORD, MA

3/26/2021  
UNIT VENTILATORS (AFTER CLEANINGS)

| OUTLET NO.  | LOCATION  | TYPE   | SIZE  | AREA | DESIGN C.F.M. |  | SPEED | ACTUAL CFM |
|-------------|-----------|--------|-------|------|---------------|--|-------|------------|
| SUPPLY      | 214       | UV SUP | 46X7  | *    | NL            |  | HI    | 639        |
| OUTSIDE AIR | 214       | LOUVER | 48X12 | *    | NL            |  |       | 289        |
|             |           |        |       |      |               |  |       |            |
| SUPPLY      | 215 LEFT  | UV SUP | 43X11 | *    | NL            |  | HI    | 540        |
| OUTSIDE AIR | 215 LEFT  | LOUVER | 48X12 | *    | NL            |  |       | 468        |
|             |           |        |       |      |               |  |       |            |
| SUPPLY      | 215 RIGHT | UV SUP | 46X7  | *    | NL            |  | HI    | 642        |
| OUTSIDE AIR | 215 RIGHT | LOUVER | 48X12 | *    | NL            |  |       | 188        |
|             |           |        |       |      |               |  |       |            |
| SUPPLY      | 216       | UV SUP | 54X8  | *    | 1000          |  | HI    | 1161       |
| OUTSIDE AIR | 216       | LOUVER | 48X12 | *    | 430           |  |       | 476        |
|             |           |        |       |      |               |  |       |            |
| SUPPLY      | 217       | UV SUP | 54X8  | *    | 1000          |  | HI    | 932        |
| OUTSIDE AIR | 217       | LOUVER | 48X12 | *    | 430           |  |       | 389        |
|             |           |        |       |      |               |  |       |            |
| SUPPLY      | 218       | UV SUP | 54X8  | *    | 1000          |  | HI    | 1176       |
| OUTSIDE AIR | 218       | LOUVER | 48X12 | *    | 430           |  |       | 313        |
|             |           |        |       |      |               |  |       |            |
| SUPPLY      | 219       | UV SUP | 42X8  | *    | 750           |  | HI    | 917        |
| OUTSIDE AIR | 219       | LOUVER | 48X12 | *    | 260           |  |       | 315        |
|             |           |        |       |      |               |  |       |            |
| SUPPLY      | 220       | UV SUP | 42X8  | *    | 750           |  | HI    | 925        |
| OUTSIDE AIR | 220       | LOUVER | 48X12 | *    | 260           |  |       | 260        |
|             |           |        |       |      |               |  |       |            |

ELB CO. JOB #: 6187

READINGS THIS PAGE AFTER CLEANING UNITS/FILTER CHANGES 2/18/2021,3/3/2021,3/10/2021,3/24/2021

LANE SCHOOL  
66 SWEETWATER AVE  
BEDFORD, MA

### UNIT VENTILATORS (AFTER CLEANINGS)

ELB CO. JOB #: 6187

**PAGE 6 OF 6**



# TOWN OF BEDFORD FACILITIES DEPARTMENT

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Existing HALO filtration system in Science labs.

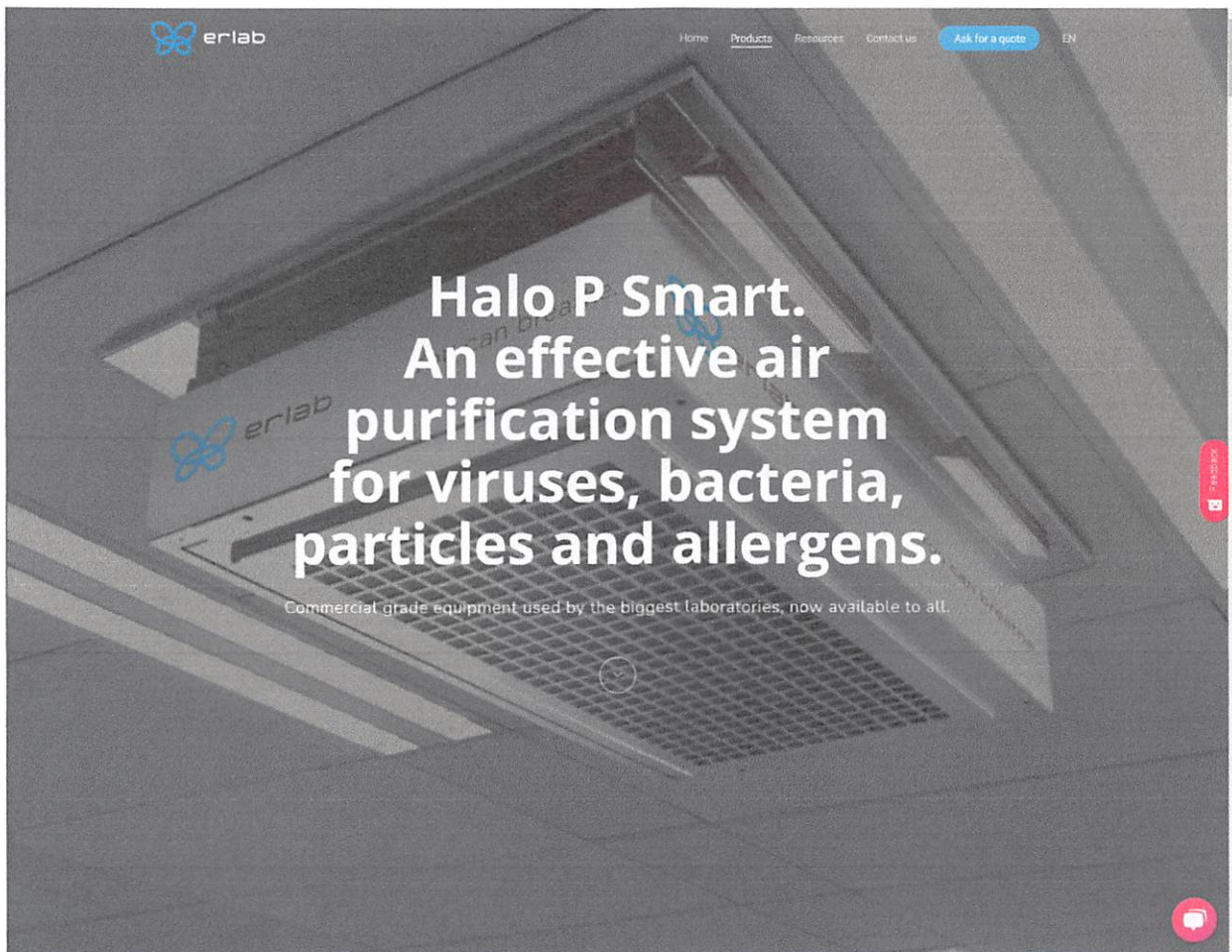
FACILITIES DEPARTMENT- 101 MCMAHON ROAD - BEDFORD MA 01730-

TEL 781-275-5290



## TOWN OF BEDFORD FACILITIES DEPARTMENT

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Proposed HALO system for COVID19 – *Under consideration*

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