

**PART A: PROJECT JUSTIFICATION
BOARD TRANSMITTAL**

Project #: _____
(PDE Use Only)

DISTRICT/CTC: Upper Perkiomen School District COUNTY: Montgomery
PRJT BLDG NAME: New 6-7-8 Grade School GRADES: 6 - 8

| NON-VOC | VOC | PAGE # | |
|------------|-----|---------|--|
| <u>X</u> | | A02-A03 | Project Description |
| <u>X</u> | | A04 | Project Accounting Based on Estimates |
| | | A05 | Page Not Used |
| | | A06 | Page Not Used |
| <u>X</u> | | A07 | Elementary Building Capacity |
| <u>X</u> | | A08 | Middle/Secondary Building Capacity |
| <u>X</u> | | A09 | Summary of Owned Buildings and Land |
| <u>X</u> | | A10 | Enrollment Projections by Grade Level/Act 34 of 1973: Substantial Addition Determination (For vocational projects - complete lines G-I only) |
| <u>X</u> | | | Current Elementary/Secondary Public Enrollment For October (ESPE web-based data collection system) |
| <u>N/A</u> | | A11-A12 | Elementary Room Schedule for Project Building |
| <u>X</u> | | A13-A15 | Middle/Secondary Room Schedule for Project Building |
| <u>N/A</u> | | A16 | Central District Administration Office |
| <u>N/A</u> | | A17 | Vocational Room Schedule for Project Building |
| <u>X</u> | | A18 | Room Schedule Adjustments |
| <u>X</u> | | A19 | Project Full Time Equivalents |
| <u>X</u> | | A20 | Comparative Design Analysis (For Vocational projects - complete lines E-G only) |
| <u>N/A</u> | | A21 | 20% Rule for Alteration Costs for Non-Vocational Projects |
| <u>X</u> | | A22 | Full Time Equivalents Converted to Rated Pupil Capacity |
| <u>X</u> | | A23 | District-Wide Facility Study Certification |
| <u>X</u> | | | Project Site Plan Drawing for Part B |
| <u>X</u> | | | Project Building Floor Plan Drawing for Part B |
| <u>X</u> | | | Separate Floor Plan Identifying Spaces Listed on Room Schedule with Calculated Area Noted Therein and Perimeter of Each Scheduled Area Clearly Marked in a Contrasting Color |
| <u>X</u> | | | Educational Specifications for Part B |
| | | | Craft Committee Recommendations |
| | | | Bureau of Career and Technical Education PDE-320 form |

The architectural firm for this project is: Breslin Ridyard Fadero Architects

The architect to be contacted if there are any questions about Part A is:
Michael K. Ackerman, A.I.A., Architect 610-437-9626 610-437-4769
Architect's Name and Position Phone Number Fax Number

The architect's e-mail address is: michaelackerman@breslinarchitects.com

The architectural firm's address is: 1226 Union Boulevard, Allentown, Pennsylvania 18109

The district/CTC administrator to be contacted about Part A is:
John W. Sheeran, P.E., Director of Facilities 215-541-2444 215-679-7962
District/CTC Administrator's Name and Position Phone Number Fax Number

The district/CTC's representative(s) at the Part B, Schematic Review, conference(s) will be: John W. Sheeran, P.E., Director of Facilities
Name and Position Name and Position

The SD/CTC administrator's e-mail address is: jsheeran@upsd.org

This certifies that the attached materials were approved for submission to the Pennsylvania Department of Education by board action. This also certifies that this proposed project is in conformance with the district/CTC's Strategic Plan and its amended Comprehensive Special Education Plan.

BOARD ACTION DATE: 5/11/2016
VOTING: AYE 7 NAY 1 ABSTENTIONS 0 ABSENT 1

[Signature] Sandra M. Kassel, Secretary - Business Administrator
Signature, Board Secretary Board Secretary's Name, Printed or Typed

2229 East Buck Road, Pennsburg, Pennsylvania 18073 5/11/2016
District/CTC Address Date

PROJECT DESCRIPTION (Page 1 of 2)

| | | |
|--|---|------------------|
| District/CTC: Upper Perkiomen School District | Project Name: New 6-7-8 Grade School | Grades: 6 - 8 |
|--|---|------------------|

1. Indicate the type of project:

| | | | |
|----------------------------------|--|--|-------------------------------------|
| New School Building <u> X </u> | Additions to Existing Building <u> </u> | Alterations to Existing Building <u> </u> | Building Purchase <u> </u> |
|----------------------------------|--|--|-------------------------------------|

2. Indicate the current condition of the project building:

| | | | |
|------------------------|------------------------|------------------------|-----------------------------|
| Poor <u> </u> | Fair <u> </u> | Good <u> </u> | Excellent <u> </u> |
|------------------------|------------------------|------------------------|-----------------------------|

3. Indicate the current Portfolio Manager Score (1 - 100), predicted Target Finder Score (1 - 100) and EUI (Energy Utilization Index) in thousands of British Thermal Units per Square Foot (kbtu/sf) for the project building:

| | | | |
|--|-----------------------------|--------------------------|----------------------------|
| Portfolio Manager Score <u> N/A </u> | Target Finder <u> 80 </u> | Site EUI <u> 56.6 </u> | Source EUI <u> 90.1 </u> |
|--|-----------------------------|--------------------------|----------------------------|

4. Indicate the L & I construction type for the project building:

| | | | |
|----------------------------------|------------------------------|--|--|
| Fire-Resistive <u> </u> | Non-Combustible <u> X </u> | Protected Heavy Timber <u> </u> | Wood Frame or Ordinary <u> </u> |
|----------------------------------|------------------------------|--|--|

5. Indicate the number of stories for the project building:

| | | | |
|---------------------------|-----------------------------|------------------------|-----------------------------|
| 1 story <u> </u> | 2 stories <u> </u> | 3 stories <u> X </u> | 4 or more <u> </u> |
|---------------------------|-----------------------------|------------------------|-----------------------------|

6. If a project involves the renovation of a structure of more than one story which has wood framing (interior or exterior framing that is wholly or partially of wood), provide a description of the construction plans and methods designed to meet health and safety standards related to the use of wood in this building (BEC 24 P.S. § 7-733).

 Not applicable

7. Briefly describe the work, in general, to be completed by this construction project:

 New construction to accommodate a functional student capacity of 900 for Grades 6-8.

8. Indicate the reasons justifying the planned project (check the following if applicable):

| | | | |
|--|--|--|--|
| Enrollment Growth <u> X </u> | Educational Programming <u> </u> | Health and Safety Issues <u> </u> | Building and/or Site Accessibility <u> </u> |
| Structural and/or Roof <u> </u> | HVAC, Electrical and/or Plumbing <u> </u> | Other: <u> </u> | |

9. Briefly describe any educational, operational and administrative changes that will be implemented as a result of this construction project.

 Educational, operational, and administrative functions will be similar to those in the existing 6, 7, & 8 grades

10. Is total demolition of an entire existing structure part of this project?

| | |
|-----------------------|-----------------|
| Yes <u> </u> | No <u> X </u> |
|-----------------------|-----------------|
11. Is there any building/structure/site condition/site feature that is more than 50 years old on this site? If yes, please describe.

| | |
|-----------------------|-----------------|
| Yes <u> </u> | No <u> X </u> |
|-----------------------|-----------------|

12. Will this project involve the demolition of historically significant structures, including but not limited to school buildings or private residences? If Yes, please describe.

| | |
|-----------------------|-----------------|
| Yes <u> </u> | No <u> X </u> |
|-----------------------|-----------------|

13. Indicate the site acreage:
SEE PART A INSTRUCTIONS RE: AGRICULTURAL LAND PRESERVATION

| | |
|----------------------------------|---|
| Current <u> 43.7511 </u> | (If acreage is to be acquired, report costs on Page A04, Line N.) |
| To be Acquired <u> </u> | |
| Total Planned <u> 43.7511 </u> | |

14. Are there any other district buildings located at this site? If yes, list the other buildings:

| | |
|-----------------------|-----------------|
| Yes <u> </u> | No <u> X </u> |
|-----------------------|-----------------|

15. Is the acreage to be acquired currently in agricultural use?

| | |
|------------------|----------------------|
| Yes <u> X </u> | No <u> </u> |
|------------------|----------------------|

PROJECT DESCRIPTION (Page 2 of 2)

| | | |
|--|---|----------------------------|
| District/CTC: Upper Perkiomen School District | Project Name: New 6-7-8 Grade School | Grades: 6 - 8 |
|--|---|----------------------------|

16. Describe the existing site topography and any planned changes.

Relatively flat with a modest slope to the Green Lane Reservoir to the southwest.

17. Describe existing access to public roads and any planned changes.

Multiple access points are planned on Montgomery Avenue with existing athletic field access currently on the site from Walt Road.

18. Describe existing community use of the site and any planned changes.

There are currently one baseball, one softball, and two multi-purpose fields and parking on site which will be shared with the adjacent High School complex.

19. Describe existing conditions on or near the site that could affect health and safety.

None

20. Is there an adopted municipal comprehensive land use plan, as per the Pennsylvania Municipalities Planning Code?

Yes X

No

21. Is there an adopted county comprehensive land use plan?

Yes X

No

22. Is there an adopted multi-municipal or multi-county comprehensive land use plan?

Yes

No X

23. Is there an adopted county or municipal zoning ordinance or a joint municipal zoning ordinance?

Yes X

No

24. Is the proposed project consistent with these comprehensive plans and/or zoning ordinances?

Yes X

No

| PROJECT ACCOUNTING BASED ON ESTIMATES | | | |
|---|---|---------------------|-----------------|
| District/CTC: Upper Perkiomen School District | Project Name: New 6-7-8 Grade School | Grades: 6 8 | |
| PROJECT COSTS | NEW | EXISTING | TOTAL |
| A. STRUCTURE COSTS (INCLUDING BUILDING PURCHASE AMOUNT, SITE DEVELOPMENT, ROUGH GRADING TO RECEIVE BUILDING, ROOF REPLACEMENT AND REPAIR, ASBESTOS ABATEMENT, OWNER'S CONTROLLED INSURANCE PROGRAM AND BUILDER'S RISK INSURANCE) | 49,337,482 | | 49,337,482 |
| B. ARCHITECT/ENGINEER'S FEE ON STRUCTURE AND EPA-CERTIFIED PROJECT DESIGNER'S FEE ON ASBESTOS ABATEMENT | 2,960,249 | | 2,960,249 |
| C. MOVABLE FIXTURES AND EQUIPMENT AND ARCHITECT'S FEE | 700,000 | | 700,000 |
| D. STRUCTURE COSTS, ARCHITECT'S FEE, MOVABLE FIXTURES & EQUIPMENT - TOTAL (A plus B plus C) | 52,997,731 | | 52,997,731 |
| E. SANITARY SEWAGE DISPOSAL AND SITE ACQUISITION COSTS | | | |
| F. STRUCTURE COSTS, ARCHITECT'S FEE, MOVABLE FIXTURES & EQUIPMENT, AND SITE COSTS - TOTAL (D plus E) | 52,997,731 | | 52,997,731 |
| G. ADDITIONAL CONSTRUCTION-RELATED COSTS (INCLUDING PROJECT SUPERVISION, ARCHITECTURAL PRINTING, TOTAL DEMOLITION OF ENTIRE EXISTING STRUCTURES AND RELATED ASBESTOS REMOVAL, CONTINGENCY) Is total demolition of the entire existing building part of this project? If yes, report these costs (including asbestos removal, architect's fees, OCIP and other related costs) | | | 3,840,000 |
| H. FINANCING COSTS (INCLUDING UNDERWRITER'S FEE, LEGAL FEES, FINANCIAL ADVISOR, CAPITALIZED INTEREST AND PRINTING) | | | 1,110,000 |
| I. TOTAL PROJECT COSTS (F plus G plus H) | | | 57,947,731 |
| DETAILED STRUCTURE COSTS (Breakout costs for Line A. "Existing".) | | | EXISTING |
| J. SITE DEVELOPMENT Are changes to existing playgrounds, athletic fields, driveways, sidewalks or other existing site improvements part of this project? If yes, report these costs including architect fees. | | | |
| K. ASBESTOS ABATEMENT Is asbestos abatement part of this project? If yes, report these costs including EPA-certified project designer fees). | | | |
| L. ROOF REPLACEMENT Is roof replacement part of this project? If yes, report these costs including architect fees. | | | |
| M. BUILDING PURCHASE AMOUNT | | | |
| SITE ACQUISITION COSTS | | | TOTAL |
| N. SITE ACQUISITION (INCLUDING CONTRACT SALES PRICE OR JUST COMPENSATION, APPRAISAL FEES AND ALLOWABLE SETTLEMENT COSTS) | | | |
| BID DATE | | | |
| O. PROPOSED BID OPENING DATE (MM/YY): | | | June 2017 |

| ELEMENTARY BUILDING CAPACITY | | | | | | | | | |
|--|---------------------|--------------------------------|---------------------|---|---------------------|--|--|------------------|--|
| District/CTC: Upper Perkiomen School District | | | | Project Name: New 6-7-8 Grade School | | | | Grades: 6 - 8 | |
| | | SCHOOL: Hereford Elementary | | | | | | | |
| | | PRESENT | | PLANNED | | | | | |
| #1 | #2 | #3 | #4 | #5 | #6 | | | | |
| NAME OF SPACE | UNIT FTE CAP | NUMBER OF UNITS | TOTAL FTE CAP | NUMBER OF UNITS | TOTAL FTE CAP | | | | |
| HALF-TIME KINDRGRTN | 50 | 3 | 150 | 3 | 150 | | | | |
| FULL-TIME KINDRGRTN | 25 | 2 | 50 | 2 | 50 | | | | |
| REG CLSRM 660+ SQ FT | 25 | 29 | 725 | 29 | 725 | | | | |
| OTHER: _____ | | | | | | | | | |
| BUILDING TOTAL | XX | XXXXXX | 925 | XXXXXX | 925 | | | | |
| | | SCHOOL: Marlborough Elementary | | | | | | | |
| | | PRESENT | | PLANNED | | | | | |
| #3 | #4 | #5 | #6 | | | | | | |
| NUMBER OF UNITS | TOTAL FTE CAP | NUMBER OF UNITS | TOTAL FTE CAP | | | | | | |
| 2 | 100 | 2 | 100 | | | | | | |
| 2 | 50 | 2 | 50 | | | | | | |
| 25 | 625 | 25 | 625 | | | | | | |
| XXXXXX | 775 | XXXXXX | 775 | | | | | | |
| | | SCHOOL: Grades 4-5 Elementary | | | | | | | |
| | | PRESENT | | PLANNED | | | | | |
| #1 | #2 | #3 | #4 | #5 | #6 | | | | |
| NAME OF SPACE | UNIT FTE CAP | NUMBER OF UNITS | TOTAL FTE CAP | NUMBER OF UNITS | TOTAL FTE CAP | | | | |
| HALF-TIME KINDRGRTN | 50 | | | | | | | | |
| FULL-TIME KINDRGRTN | 25 | | | | | | | | |
| REG CLSRM 660+ SQ FT | 25 | | | 24 | 600 | | | | |
| OTHER: _____ | | | | | | | | | |
| BUILDING TOTAL | XX | XXXXXX | | XXXXXX | 600 | | | | |
| | | SCHOOL: _____ | | | | | | | |
| | | PRESENT | | PLANNED | | | | | |
| #1 | #2 | #3 | #4 | #5 | #6 | | | | |
| NAME OF SPACE | UNIT FTE CAP | NUMBER OF UNITS | TOTAL FTE CAP | NUMBER OF UNITS | TOTAL FTE CAP | | | | |
| HALF-TIME KINDRGRTN | 50 | | | | | | | | |
| FULL-TIME KINDRGRTN | 25 | | | | | | | | |
| REG CLSRM 660+ SQ FT | 25 | | | | | | | | |
| OTHER: _____ | | | | | | | | | |
| BUILDING TOTAL | XX | XXXXXX | | XXXXXX | | | | | |
| | | SCHOOL: _____ | | | | | | | |
| | | PRESENT | | PLANNED | | | | | |
| #1 | #2 | #3 | #4 | #5 | #6 | | | | |
| NAME OF SPACE | UNIT FTE CAP | NUMBER OF UNITS | TOTAL FTE CAP | NUMBER OF UNITS | TOTAL FTE CAP | | | | |
| HALF-TIME KINDRGRTN | 50 | | | | | | | | |
| FULL-TIME KINDRGRTN | 25 | | | | | | | | |
| REG CLSRM 660+ SQ FT | 25 | | | | | | | | |
| OTHER: _____ | | | | | | | | | |
| BUILDING TOTAL | XX | XXXXXX | | XXXXXX | | | | | |
| | | SCHOOL: _____ | | | | | | | |
| | | PRESENT | | PLANNED | | | | | |
| #1 | #2 | #3 | #4 | #5 | #6 | | | | |
| NAME OF SPACE | UNIT FTE CAP | NUMBER OF UNITS | TOTAL FTE CAP | NUMBER OF UNITS | TOTAL FTE CAP | | | | |
| HALF-TIME KINDRGRTN | 50 | | | | | | | | |
| FULL-TIME KINDRGRTN | 25 | | | | | | | | |
| REG CLSRM 660+ SQ FT | 25 | | | | | | | | |
| OTHER: _____ | | | | | | | | | |
| BUILDING TOTAL | XX | XXXXXX | | XXXXXX | | | | | |

Only kindergarten and regular classrooms 660 square feet or greater should be reported. Although special education rooms and pre-school rooms may be eligible for capacity, these spaces should not be included in the room counts reported above. The following spaces do not receive reimbursable capacity and therefore should not be included in the capacities for an elementary school building: science labs, computer rooms, art rooms, music rooms, small and large group instruction rooms, and multi-purpose rooms.

| MIDDLE/SECONDARY BUILDING CAPACITY | | | | | | | | | |
|--|--------------------|--------------------------------|---------------------|---|---------------------|-----------------------|---------------------|-----------------------|---------------------|
| District/CTC: Upper Perkiomen School District | | | | Project Name: New 6-7-8 Grade School | | | | Grades: 6 - 8 | |
| | | SCHOOL: Middle School | | | | SCHOOL: High School | | | |
| | | PRESENT | | PLANNED | | PRESENT | | PLANNED | |
| #1 | #2 | #3 | #4 | #5 | #6 | #3 | #4 | #5 | #6 |
| NAME OF SPACE | UNIT FTE CAP | NUMBER OF UNITS | TOTAL FTE CAP | NUMBER OF UNITS | TOTAL FTE CAP | NUMBER OF UNITS | TOTAL FTE CAP | NUMBER OF UNITS | TOTAL FTE CAP |
| REG CLSRM 660+ SQ FT | 25 | 24 | 600 | | | 33 | 825 | 33 | 825 |
| SCIENCE CLSRM 660+ SQ FT | 25 | 2 | 50 | | | | | | |
| SCIENCE LAB 660+ SQ FT | 20 | 4 | 80 | | | 8 | 160 | 8 | 160 |
| PLANETARIUM W/CLSRM 660+ SQ FT | 20 | | | | | | | | |
| ALTERNATIVE ED ROOM 660+ SQ FT | 20 | | | | | | | | |
| BUSINESS CLSRM 660+ SQ FT | 25 | | | | | | | | |
| BUSINESS LAB 660+ SQ FT | 20 | | | | | | | | |
| COMPUTER LAB 660+ SQ FT | 20 | 2 | 40 | | | 6 | 120 | 6 | 120 |
| TV INSTRUCTIONAL STUDIO 660+ SQ FT | 20 | | | | | 1 | 20 | 1 | 20 |
| ART CLASSROOM 660+ SQ FT | 20 | 2 | 40 | | | 2 | 40 | 2 | 40 |
| MUSIC CLASSROOM 660+ SQ FT | 25 | 1 | 25 | | | | | | |
| BAND ROOM 660+ SQ FT | 25 | 1 | 25 | | | 1 | 25 | 1 | 25 |
| ORCHESTRA ROOM 660+ SQ FT | 25 | | | | | | | | |
| CHORAL ROOM 660+ SQ FT | 25 | 1 | 25 | | | 1 | 25 | 1 | 25 |
| FAMILY/CONSMR SCIENCE 660+ SQ FT | 20 | 1 | 20 | | | | | | |
| IA/SHOP 1800+ SQ FT | 20 | | | | | | | | |
| TECH ED 1800+ SQ FT | 20 | 1 | 20 | | | 2 | 40 | 2 | 40 |
| VO AG SHOP W/CLSRM 660+ SQ FT | 20 | | | | | | | | |
| DRIVER'S ED 660+ SQ FT | 20 | | | | | | | | |
| GYM 6500-7500 SQ FT | 66 | 1.0 | 66 | | | 1.0 | 66 | 1.0 | 66 |
| AUX GYM 2500 SQ FT | 33 | 1 | 33 | | | 1 | 33 | 1 | 33 |
| OTHER: _____ | | | | | | | | | |
| OTHER: _____ | | | | | | | | | |
| BUILDING TOTAL | XXX | XXXXXX | 1,024 | XXXXXX | | XXXXX | 1,354 | XXXXXX | 1,354 |
| MS/SEC UTILIZATION (BLDG TOTAL X .9) | XXX | XXXXXX | 922 | XXXXXX | | XXXXX | 1,219 | XXXXXX | 1,219 |
| | | SCHOOL: New 6-7-8 Grade School | | | | SCHOOL: _____ | | | |
| | | PRESENT | | PLANNED | | PRESENT | | PLANNED | |
| #1 | #2 | #3 | #4 | #5 | #6 | #3 | #4 | #5 | #6 |
| NAME OF SPACE | UNIT FTE CAP | NUMBER OF UNITS | TOTAL FTE CAP | NUMBER OF UNITS | TOTAL FTE CAP | NUMBER OF UNITS | TOTAL FTE CAP | NUMBER OF UNITS | TOTAL FTE CAP |
| REG CLSRM 660+ SQ FT | 25 | | | 30 | 750 | | | | |
| SCIENCE CLSRM 660+ SQ FT | 25 | | | 2 | 50 | | | | |
| SCIENCE LAB 660+ SQ FT | 20 | | | 4 | 80 | | | | |
| PLANETARIUM W/CLSRM 660+ SQ FT | 20 | | | | | | | | |
| ALTERNATIVE ED ROOM 660+ SQ FT | 20 | | | | | | | | |
| BUSINESS CLSRM 660+ SQ FT | 25 | | | | | | | | |
| BUSINESS LAB 660+ SQ FT | 20 | | | | | | | | |
| COMPUTER LAB 660+ SQ FT | 20 | | | 2 | 40 | | | | |
| TV INSTRUCTIONAL STUDIO 660+ SQ FT | 20 | | | | | | | | |
| ART CLASSROOM 660+ SQ FT | 20 | | | 2 | 40 | | | | |
| MUSIC CLASSROOM 660+ SQ FT | 25 | | | 1 | 25 | | | | |
| BAND ROOM 660+ SQ FT | 25 | | | 1 | 25 | | | | |
| ORCHESTRA ROOM 660+ SQ FT | 25 | | | | | | | | |
| CHORAL ROOM 660+ SQ FT | 25 | | | 1 | 25 | | | | |
| FAMILY/CONSMR SCIENCE 660+ SQ FT | 20 | | | 1 | 20 | | | | |
| IA/SHOP 1800+ SQ FT | 20 | | | | | | | | |
| TECH ED 1800+ SQ FT | 20 | | | 1 | 20 | | | | |
| VO AG SHOP W/CLSRM 660+ SQ FT | 20 | | | | | | | | |
| DRIVER'S ED 660+ SQ FT | 20 | | | | | | | | |
| GYM 6500-7500 SQ FT | 66 | | | 1.0 | 66 | | | | |
| AUX GYM 2500 SQ FT | 33 | | | 1 | 33 | | | | |
| OTHER: _____ | | | | | | | | | |
| OTHER: _____ | | | | | | | | | |
| BUILDING TOTAL | XXX | XXXXXX | | XXXXXX | 1,174 | XXXXX | | XXXXXX | |
| MS/SEC UTILIZATION (BLDG TOTAL X .9) | XXX | XXXXXX | | XXXXXX | 1,057 | XXXXX | | XXXXXX | |

[illegible]

CHECK IF APPLICABLE:

REVISÉ JULY 1, 2010

FORM EXPIRES 6-30-12

PLANCON-A09

| ENROLLMENT PROJECTIONS BY GRADE LEVEL | | | | | | | | | | | | | | | | | | | |
|--|---|---|-----------------------------|--|--|-----------------|---------|---|--|--|---------|--|--|--------|-----|--|--|---------------------|-----------------------------|
| District/CTC: Upper Perkiomen School District | Project Name: New 6-7-8 Grade School | Grades: <div style="text-align: center;">6 - 8</div> | | | | | | | | | | | | | | | | | |
| <p>ENROLLMENT PROJECTIONS FOR PROJECT BUILDING GRADES</p> <p>A. Current Elementary/Secondary Public Enrollment For October (See instructions for further direction.)</p> <div style="float: right; text-align: center;">2016</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">1. Current District Enrollment For Grades K-12</td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: center;">6 - 8</td> <td style="width: 20%; text-align: right; border-top: 1px solid black;">3,303</td> </tr> <tr> <td>2. Current Enrollment For Project Building Grades (See instructions for further direction)</td> <td></td> <td></td> <td style="text-align: right; border-top: 1px solid black;">780</td> </tr> <tr> <td>3. Current Enrollment For Project Building Grades + 10% <u>or</u> 15% (A2 times 1.10 For Districts With Total Enrollment > 1500 <u>or</u> A2 times 1.15 For Districts With Total Enrollment =< 1500)</td> <td></td> <td></td> <td style="text-align: right; border-top: 1px solid black;">858</td> </tr> </table> <p>B. PDE Enrollment Projections, Dated <u>July 2012</u> Highest Projected Enrollment for Project Grades (See instructions for further direction)</p> <p style="text-align: right;">807</p> <p>C. District Projected Enrollment* Source Document(s), Date Prepared and Page Number(s): <u>Upper Perkiomen School District Enrollment Projections</u> <u>prepared by the Montgomery County Planning Commission</u> <u>June 25, 2015, page 31</u></p> <p style="text-align: right;">847</p> <p>D. Highest Projected Enrollment (highest of A3, B or C)</p> <p style="text-align: right;">858</p> <p>E. Planned Capacity for Project Grades (A09, Project Grades Subtotal from Col. #9)</p> <p style="text-align: right;">1,057</p> <p>F. Enrollment to Capacity Adjustment Factor (D divided by E)</p> <p style="text-align: right;">0.8117</p> <p style="text-align: right; font-size: small;">(ROUND TO 4 DEC PL; MAXIMUM = 1.0000)</p> <p>*If this project's Highest Projected Enrollment (line D) is based on district-generated enrollment projections (line C), provide the projections and supporting documentation.</p> | | | | 1. Current District Enrollment For Grades K-12 | | 6 - 8 | 3,303 | 2. Current Enrollment For Project Building Grades (See instructions for further direction) | | | 780 | 3. Current Enrollment For Project Building Grades + 10% <u>or</u> 15% (A2 times 1.10 For Districts With Total Enrollment > 1500 <u>or</u> A2 times 1.15 For Districts With Total Enrollment =< 1500) | | | 858 | | | | |
| 1. Current District Enrollment For Grades K-12 | | 6 - 8 | 3,303 | | | | | | | | | | | | | | | | |
| 2. Current Enrollment For Project Building Grades (See instructions for further direction) | | | 780 | | | | | | | | | | | | | | | | |
| 3. Current Enrollment For Project Building Grades + 10% <u>or</u> 15% (A2 times 1.10 For Districts With Total Enrollment > 1500 <u>or</u> A2 times 1.15 For Districts With Total Enrollment =< 1500) | | | 858 | | | | | | | | | | | | | | | | |
| ACT 34 OF 1973: SUBSTANTIAL ADDITION DETERMINATION | | | | | | | | | | | | | | | | | | | |
| <p>Act 34 of 1973 applies to all new school buildings, district administration offices, and substantial building additions. A building addition is considered substantial when its planned architectural area divided by the existing structure's architectural area is greater than 20%. If your project includes an addition, use the following calculations to determine the applicability of Act 34.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">G. Architectural Area - Addition</td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: center;">188,311</td> <td style="width: 20%; text-align: right;">sq. ft.</td> </tr> <tr> <td>H. Architectural Area - Existing Structure</td> <td></td> <td></td> <td style="text-align: right;">sq. ft.</td> </tr> <tr> <td>(G divided by H times 100)</td> <td></td> <td style="text-align: center;">100.00</td> <td style="text-align: right;">%</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center; font-size: small;">(ROUND TO 2 DEC PL)</td> <td style="text-align: right;">HEARING REQUIRED</td> </tr> </table> <p>Act 34 of 1973 requires a public hearing and the distribution of specific project information for school construction projects involving the construction of a new building or a substantial addition to an existing structure. If Act 34 hearing requirements apply to this project, draft copies of the Act 34 hearing advertisement and the project description must be submitted to the Department of Education for review and approval prior to advertising for the hearing as well as prior to their publication and public distribution to ensure that all Act 34 requirements will be met for this project.</p> | | | | G. Architectural Area - Addition | | 188,311 | sq. ft. | H. Architectural Area - Existing Structure | | | sq. ft. | (G divided by H times 100) | | 100.00 | % | | | (ROUND TO 2 DEC PL) | HEARING REQUIRED |
| G. Architectural Area - Addition | | 188,311 | sq. ft. | | | | | | | | | | | | | | | | |
| H. Architectural Area - Existing Structure | | | sq. ft. | | | | | | | | | | | | | | | | |
| (G divided by H times 100) | | 100.00 | % | | | | | | | | | | | | | | | | |
| | | (ROUND TO 2 DEC PL) | HEARING REQUIRED | | | | | | | | | | | | | | | | |

MIDDLE/SECONDARY ROOM SCHEDULE FOR PROJECT BUILDING (1 OF 3)

| | | |
|--|---|------------------|
| District/CDC: Upper Perkiomen School District | Project Name: New 6-7-8 Grade School | Grades: 6 - 8 |
|--|---|------------------|

| | | PROJECT PLANNED SPACES - SCHEDULED AREA ONLY | | | | | | | | | |
|--------------------------------|--------------------|--|--------------------|------------------------|------------------|-----------------------|--------------------|------------------------|------------------|------------------------|---------------------|
| | | EXISTING | | | | NEW | | | | TOTAL | |
| | | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 | #11 | #12 |
| #1 | #2 | UNIT AREA SQ FT | NUMBER OF UNITS | TOTAL AREA SQ FT | TOTAL FTE CAP | UNIT AREA SQ FT | NUMBER OF UNITS | TOTAL AREA SQ FT | TOTAL FTE CAP | TOTAL AREA SQ FT | TOTAL FTE CAP |
| NAME OF SPACE | UNIT FTE CAP | | | | | | | | | | |
| LIBRARY | XXX | | | | XXXX | 5,000 | 1.0 | 5,000 | XXXX | 5,000 | XXXXX |
| REG CLSRM 660+ SQ FT | 25 | | | | | | | | | | |
| REG CLSRM 660+ SQ FT | 25 | | | | | 850 | 30.0 | 25,500 | 750 | 25,500 | 750 |
| REG CLSRM 660+ SQ FT | 25 | | | | | | | | | | |
| REG CLSRM 660+ SQ FT | 25 | | | | | | | | | | |
| REG CLSRM 660+ SQ FT | 25 | | | | | | | | | | |
| REG CLSRM 660+ SQ FT | 25 | | | | | | | | | | |
| REG CLSRM 660+ SQ FT | 25 | | | | | | | | | | |
| REG CLSRM 660+ SQ FT | 25 | | | | | | | | | | |
| REG CLSRM 660+ SQ FT | 25 | | | | | | | | | | |
| REG CLSRM 660+ SQ FT | 25 | | | | | | | | | | |
| REG CLSRM 660+ SQ FT | 25 | | | | | | | | | | |
| REG CLSRM 660+ SQ FT | 25 | | | | | | | | | | |
| REG CLSRM 660+ SQ FT | 25 | | | | | | | | | | |
| REG CLSRM 660+ SQ FT | 25 | | | | | | | | | | |
| REG CLSRM 660+ SQ FT | 25 | | | | | | | | | | |
| SPECIAL ED ROOMS | XXX | SEE PAGE A18 | | | | SEE PAGE A18 | | | | XXXXXX | XXXXX |
| SMALL GROUP <850 SQ FT | XXX | | | | XXXX | 4 | 425.0 | 1,700 | XXXX | 1,700 | XXXXX |
| SMALL GROUP <850 SQ FT | XXX | | | | XXXX | 1 | 660.0 | 660 | XXXX | 660 | XXXXX |
| LARGE GROUP INS 850+ SQ FT | XXX | | | | XXXX | 5 | 850.0 | 4,250 | XXXX | 4,250 | XXXXX |
| AUDITORIUM | XXX | | | | XXXX | | | | XXXX | | XXXXX |
| TO SEAT: 650 | XXX | | | | XXXX | 8,000 | 1.0 | 8,000 | XXXX | 8,000 | XXXXX |
| STAGE | XXX | | | | XXXX | 3,400 | 1.0 | 3,400 | XXXX | 3,400 | XXXXX |
| SCIENCE CLSRM 660+ SQ FT | 25 | | | | | 850 | 2.0 | 1,700 | 50 | 1,700 | 50 |
| SCIENCE CLSRM 660+ SQ FT | 25 | | | | | | | | | | |
| SCIENCE LAB: General | 20 | | | | | 1,200 | 4.0 | 4,800 | 80 | 4,800 | 80 |
| SCIENCE LAB: | 20 | | | | | | | | | | |
| SCIENCE LAB: | 20 | | | | | | | | | | |
| SCIENCE LAB: | 20 | | | | | | | | | | |
| SCIENCE STUDENT PROJ RM | XXX | | | | XXXX | 220 | 2.0 | 440 | XXXX | 440 | XXXXX |
| PLANETARIUM CLSRM 660+ SQ FT | 20 | | | | | | | | | | |
| OBSERVATORY | XXX | | | | XXXX | | | | XXXX | | XXXXX |
| ALTERNATIVE ED ROOM 660+ SQ FT | 20 | | | | | | | | | | |
| OTHER: Small Group | | | | | | 660 | 3.0 | 1,980 | | 1,980 | |
| OTHER: Small Group | | | | | | 800 | 1.0 | 800 | | 800 | |
| OTHER: | | | | | | | | | | | |
| OTHER: | | | | | | | | | | | |
| OTHER: | | | | | | | | | | | |
| OTHER: | | | | | | | | | | | |
| OTHER: | | | | | | | | | | | |
| PAGE A13 SUBTOTAL | XXX | XXXXX | XXXXX | | | XXXXX | XXXXX | 58,230 | 880 | 58,230 | 880 |

MIDDLE/SECONDARY ROOM SCHEDULE FOR PROJECT BUILDING (2 OF 3)

| | | |
|--|---|------------------|
| District/CTC: Upper Perkiomen School District | Project Name: New 6-7-8 Grade School | Grades: 6 - 8 |
|--|---|------------------|

| | | PROJECT PLANNED SPACES - SCHEDULED AREA ONLY | | | | | | | | | |
|------------------------------------|--------------|--|-----------------|------------------|---------------|-----------------|-----------------|------------------|---------------|------------------|---------------|
| | | EXISTING | | | | | NEW | | | | TOTAL |
| | | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 | #11 | #12 |
| #1 | #2 | UNIT AREA SQ FT | NUMBER OF UNITS | TOTAL AREA SQ FT | TOTAL FTE CAP | UNIT AREA SQ FT | NUMBER OF UNITS | TOTAL AREA SQ FT | TOTAL FTE CAP | TOTAL AREA SQ FT | TOTAL FTE CAP |
| NAME OF SPACE | UNIT FTE CAP | | | | | | | | | | |
| BUSINESS CLSRM 660+ SQ FT | 25 | | | | | | | | | | |
| BUSINESS CLSRM 660+ SQ FT | 25 | | | | | | | | | | |
| BUSINESS LAB 660+ SQ FT | 20 | | | | | | | | | | |
| BUSINESS LAB 660+ SQ FT | 20 | | | | | | | | | | |
| BUSINESS LAB 660+ SQ FT | 20 | | | | | | | | | | |
| COMPUTER LAB 660+ SQ FT | 20 | | | | | 1,000 | 2.0 | 2,000 | 40 | 2,000 | 40 |
| COMPUTER LAB 660+ SQ FT | 20 | | | | | | | | | | |
| COMPUTER LAB 660+ SQ FT | 20 | | | | | | | | | | |
| TV INSTRUCTIONAL STUDIO 660+ SQ FT | 20 | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| ART CLASSROOM 660+ SQ FT | 20 | | | | | 1,800 | 2.0 | 3,600 | 40 | 3,600 | 40 |
| ART CLASSROOM 660+ SQ FT | 20 | | | | | | | | | | |
| MUSIC CLASSROOM 660+ SQ FT | 25 | | | | | 1,000 | 1.0 | 1,000 | 25 | 1,000 | 25 |
| MUSIC CLASSROOM 660+ SQ FT | 25 | | | | | | | | | | |
| BAND ROOM 660+ SQ FT | 25 | | | | | 2,800 | 1.0 | 2,800 | 25 | 2,800 | 25 |
| ORCHESTRA ROOM 660+ SQ FT | 25 | | | | | | | | | | |
| CHORAL ROOM 660+ SQ FT | 25 | | | | | 1,800 | 1.0 | 1,800 | 25 | 1,800 | 25 |
| OTHER: _____ | | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| FAMILY/CONSMR SCIENCE 660+ SQ FT | 20 | | | | | 1,800 | 1.0 | 1,800 | 20 | 1,800 | 20 |
| FAMILY/CONSMR SCIENCE 660+ SQ FT | 20 | | | | | | | | | | |
| FAMILY/CONSMR SCIENCE 660+ SQ FT | 20 | | | | | | | | | | |
| IA/SHOP 1800+ SQ FT | 20 | | | | | | | | | | |
| IA/SHOP 1800+ SQ FT | 20 | | | | | | | | | | |
| TECH ED 1800+ SQ FT | 20 | | | | | 2,000 | 1.0 | 2,000 | 20 | 2,000 | 20 |
| TECH ED 1800+ SQ FT | 20 | | | | | | | | | | |
| TECH ED 1800+ SQ FT | 20 | | | | | | | | | | |
| TECH ED 1800+ SQ FT | 20 | | | | | | | | | | |
| IA/SHOP <1800 SQ FT | XXX | | | | XXXX | 1,000 | 1.0 | 1,000 | XXXX | 1,000 | XXXXXX |
| TECH ED <1800 SQ FT | XXX | | | | XXXX | | | | XXXX | | XXXXXX |
| VO AG SHOP W/CLSRM 660+ SQ FT | 20 | | | | | | | | | | |
| DRIVER'S ED 660+ SQ FT | 20 | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| PAGE A14 SUBTOTAL | XXX | XXXXX | XXXXX | | | XXXXX | XXXXX | 16,000 | 195 | 16,000 | 195 |

MIDDLE/SECONDARY ROOM SCHEDULE FOR PROJECT BUILDING (3 OF 3)

District/CTC:
Upper Perkiomen School District

Project Name:
New 6-7-8 Grade School

Grades: 6 - 8

| PROJECT PLANNED SPACES - SCHEDULED AREA ONLY | | | | | | | | | | | |
|---|--------------------------|-----------------------|--------------------|------------------------|------------------------------|-----------------------|--------------------|------------------------|------------------------------|------------------------|--------------------------------------|
| | | EXISTING | | | | NEW | | | | TOTAL | |
| #1 | #2 | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 | #11 | #12 |
| NAME OF SPACE | UNIT FTE CAP | UNIT AREA SQ FT | NUMBER OF UNITS | TOTAL AREA SQ FT | TOTAL FTE CAP | UNIT AREA SQ FT | NUMBER OF UNITS | TOTAL AREA SQ FT | TOTAL FTE CAP | TOTAL AREA SQ FT | TOTAL FTE CAP |
| GYM 6500+ SQ FT | 66 | | | | | 8,800 | 1.0 | 8,800 | 66 | 8,800 | 66 |
| GYM 6500+ SQ FT | 66 | | | | | | | | | | |
| 2500 SQ FT AUX GYM | 33 | | | | | 3,000 | 1.0 | 3,000 | 33 | 3,000 | 33 |
| 1000 SQ FT ADAPT GYM | XXX | | | | XXXX | | | | XXXX | | XXXXXX |
| WRESTLING ROOM | XXX | | | | XXXX | | | | XXXX | | XXXXXX |
| WEIGHT ROOM | XXX | | | | XXXX | | | | XXXX | | XXXXXX |
| LOCKER ROOM, DRYING & SHOWER RM - BOYS | XXX XXX | | | | XXXX XXXX | 1,400 | 1.0 | 1,400 | XXXX XXXX | 1,400 | XXXXXX XXXXXX |
| LOCKER ROOM, DRYING & SHOWER RM - GIRLS | XXX XXX | | | | XXXX XXXX | 1,400 | 1.0 | 1,400 | XXXX XXXX | 1,400 | XXXXXX XXXXXX |
| TEAM ROOM | XXX | | | | XXXX | | | | XXXX | | XXXXXX |
| TEAM ROOM | XXX | | | | XXXX | | | | XXXX | | XXXXXX |
| INSTRUCTOR'S OFFICE | XXX | | | | XXXX | 500 | 2.0 | 1,000 | XXXX | 1,000 | XXXXXX |
| INSTRUCTOR'S OFFICE | XXX | | | | XXXX | | | | XXXX | | XXXXXX |
| OTHER: _____ | | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| NATATORIUM | XXX | SEE PAGE A19 | | | | SEE PAGE A19 | | | | XXXXX | XXXXXX |
| KITCHEN & STORAGE # OF SERVINGS: 3 MEALS PREPARED PER SERVING: 275 | XXX XXX XXX XXX | | | | XXXX XXXX XXXX XXXX | 4,200 | 1.0 | 4,200 | XXXX XXXX XXXX XXXX | 4,200 | XXXXXX XXXXXX XXXXXX XXXXXX |
| CAFETERIA TO SEAT: 275 | XXX XXX | | | | XXXX XXXX | 5,000 | 1.0 | 5,000 | XXXX XXXX | 5,000 | XXXXXX XXXXXX |
| FACULTY DINING ROOM | XXX | | | | XXXX | | | | XXXX | | XXXXXX |
| FACULTY ROOM | XXX | | | | XXXX | | | | XXXX | | XXXXXX |
| INSTR PLANNING CTR | XXX | | | | XXXX | | | | XXXX | | XXXXXX |
| INSTR PLANNING CTR | XXX | | | | XXXX | | | | XXXX | | XXXXXX |
| CONFERENCE ROOM | XXX | | | | XXXX | | | | XXXX | | XXXXXX |
| STUDENT ACTIVITY RM | XXX | | | | XXXX | | | | XXXX | | XXXXXX |
| HEALTH SUITE(NURSE) | XXX | | | | XXXX | 1,000 | 1.0 | 1,000 | XXXX | 1,000 | XXXXXX |
| BLDG ADMIN/GUIDANCE TOTAL STAFF: _____ | XXX XXX | | | | XXXX XXXX | 3,000 | 1.0 | 3,000 | XXXX XXXX | 3,000 | XXXXXX XXXXXX |
| OTHER: _____ | | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| OTHER: _____ | | | | | | | | | | | |
| PAGE A15 SUBTOTAL | XXX | XXXXX | XXXXX | | | XXXXX | XXXXX | 28,800 | 99 | 28,800 | 99 |
| PAGE A13 SUBTOTAL | XXX | XXXXX | XXXXX | | | XXXXX | XXXXX | 58,230 | 880 | 58,230 | 880 |
| PAGE A14 SUBTOTAL | XXX | XXXXX | XXXXX | | | XXXXX | XXXXX | 16,000 | 195 | 16,000 | 195 |
| BUILDING TOTAL | XXX | XXXXX | XXXXX | | | XXXXX | XXXXX | 103,030 | 1,174 | 103,030 | 1,174 |
| MS/SEC UTILIZATION (BLDG TOTAL TIMES .9) | XXX | XXXXX | XXXXX | XXXXX | | XXXXX | XXXXX | XXXXX | 1,057 | XXXXXX | 1,057 |

ROOM SCHEDULE ADJUSTMENTS

District/CTC:
Upper Perkiomen School District

Project Name:
New 6-7-8 Grade School

Grades: 6 - 8

| PROJECT PLANNED SPACES - SCHEDULED AREA ONLY | | | | | | | | | | | |
|--|--------------------|-----------------------|--------------------|------------------------|---------------------|-----------------------|--------------------|------------------------|---------------------|------------------------|---------------------|
| | | EXISTING | | | | NEW | | | | TOTAL | |
| #1 | #2 | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 | #11 | #12 |
| NAME OF SPACE | UNIT FTE CAP | UNIT AREA SQ FT | NUMBER OF UNITS | TOTAL AREA SQ FT | TOTAL FTE CAP | UNIT AREA SQ FT | NUMBER OF UNITS | TOTAL AREA SQ FT | TOTAL FTE CAP | TOTAL AREA SQ FT | TOTAL FTE CAP |
| ELEMENTARY | XXX | XXXXX | XXXXX | XXXXX | XXXX | XXXXX | XXXXX | XXXXX | XXXX | XXXXXX | XXXXXX |
| PROJECT ELEM CAP | XXX | XXXXX | XXXXX | | | XXXXX | XXXXX | | | | |
| KINDERGARTEN DEDUCT FOR HALF-TIME PRGM | -25 | XXXXX XXXXX | | XXXXX XXXXX | | XXXXX XXXXX | | XXXXX XXXXX | | XXXXXXX XXXXXXX | |
| ADJUSTED ELEM CAP | XXX | XXXXX | XXXXX | XXXXX | | XXXXX | XXXXX | XXXXX | | XXXXXXX | |
| ENR/CAP ADJ FACTOR | XXX | XXXXX | XXXXX | XXXXX | 0.8117 | XXXXX | XXXXX | XXXXX | 0.8117 | XXXXXXX | 0.8117 |
| JUSTIFIED ELEM | XXX | XXXXX | XXXXX | XXXXX | | XXXXX | XXXXX | XXXXX | | XXXXXXX | |
| REG PRE-SCHOOL 660+* | 25 | | | | | | | | | | |
| SP ED PRE-SCHOOL 660+* | 25 | | | | | | | | | | |
| SP ED 660+ SQ FT | 25 | | | | | | | | | | |
| SP ED 660+ SQ FT | 25 | | | | | | | | | | |
| SP ED 660+ SQ FT | 25 | | | | | | | | | | |
| SP ED 660+ SQ FT | 25 | | | | | | | | | | |
| SP ED 660+ SQ FT | 25 | | | | | | | | | | |
| SP ED 660+ SQ FT | 25 | | | | | | | | | | |
| SP ED 660+ SQ FT | 25 | | | | | | | | | | |
| SP ED RESOURCE ROOM > 400 SQ FT | ** | | | | | | | | | | (MAX=25) |
| SP ED RESOURCE ROOM > 400 SQ FT | XXX XXX | | | | XXXX XXXX | | | | XXXX XXXX | | XXXXXX XXXXXX |
| SP ED < 401 SQ FT | XXX | | | | XXXX | | | | XXXX | | XXXXXX |
| SP ED < 401 SQ FT | XXX | | | | XXXX | | | | XXXX | | XXXXXX |
| ADJUSTED ELEMENTARY | XXX | XXXXX | XXXXX | | | XXXXX | XXXXX | | | | |
| MIDDLE/SECONDARY | XXX | XXXXX | XXXXX | XXXXX | XXXX | XXXXX | XXXXX | XXXXX | XXXX | XXXXXX | XXXXXX |
| PROJECT MS/SEC UTIL | XXX | XXXXX | XXXXX | | | XXXXX | XXXXX | 103,030 | 1,057 | 103,030 | 1,057 |
| ENR/CAP ADJ FACTOR | XXX | XXXXX | XXXXX | XXXXX | 0.8117 | XXXXX | XXXXX | XXXXX | 0.8117 | XXXXXX | 0.8117 |
| JUSTIFIED MS/SEC | XXX | XXXXX | XXXXX | XXXXX | | XXXXX | XXXXX | XXXXX | 858 | XXXXXX | 858 |
| SP ED 660+ SQ FT | 25 | | | | | 850 | 6.0 | 5,100 | 150 | 5,100 | 150 |
| SP ED 660+ SQ FT | 25 | | | | | 660 | 6.0 | 3,960 | 150 | 3,960 | 150 |
| SP ED 660+ SQ FT | 25 | | | | | | | | | | |
| SP ED 660+ SQ FT | 25 | | | | | | | | | | |
| SP ED 660+ SQ FT | 25 | | | | | | | | | | |
| SP ED 660+ SQ FT | 25 | | | | | | | | | | |
| SP ED 660+ SQ FT | 25 | | | | | | | | | | |
| SP ED 660+ SQ FT | 25 | | | | | | | | | | |
| SP ED RESOURCE ROOM > 400 SQ FT | ** | | | | | | | | | | (MAX=25) |
| SP ED RESOURCE ROOM > 400 SQ FT | XXX XXX | | | | XXXX XXXX | | | | XXXX XXXX | | XXXXXX XXXXXX |
| SP ED < 401 SQ FT | XXX | | | | XXXX | | | | XXXX | | XXXXXX |
| SP ED < 401 SQ FT | XXX | | | | XXXX | | | | XXXX | | XXXXXX |
| ADJUSTED MS/SEC | XXX | XXXXX | XXXXX | | | XXXXX | XXXXX | 112,090 | 1,158 | 112,090 | 1,158 |

* Regular and Special Education Pre-School rooms must meet the requirements addressed in the Part A instructions. Verification that the requirements will be met must be submitted with Part A.

** Justified Elementary or Middle/Secondary Capacity (Col. 12) divided by 25. The maximum capacity that may be reported in column #12 is 25. See Part A instructions for a more detailed explanation.

| PROJECT FULL TIME EQUIVALENTS | | | | | | | | | | | |
|--|--------------------|--|--------------------|---|---------------------|-----------------------|--------------------|------------------------|---------------------|------------------------|---------------------|
| District/CTC: Upper Perkiomen School District | | | | Project Name: New 6-7-8 Grade School | | | | | | Grades: 6 - 8 | |
| | | PROJECT PLANNED SPACES - SCHEDULED AREA ONLY | | | | | | | | | |
| | | EXISTING | | | | NEW | | | | TOTAL | |
| #1 | #2 | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 | #11 | #12 |
| NAME OF SPACE | UNIT FTE CAP | UNIT AREA SQ FT | NUMBER OF UNITS | TOTAL AREA SQ FT | TOTAL FTE CAP | UNIT AREA SQ FT | NUMBER OF UNITS | TOTAL AREA SQ FT | TOTAL FTE CAP | TOTAL AREA SQ FT | TOTAL FTE CAP |
| ADJUSTED ELEMENTARY | XXX | XXXXXX | XXXX | | | XXXX | XXXX | | | | |
| ADJUSTED MS/SEC | XXX | XXXXXX | XXXX | | | XXXXXX | XXXX | 112,090 | 1,158 | 112,090 | 1,158 |
| NATATORIUM * | | XXXXXX | XXXX | | | XXXX | XXXX | | | | |
| NATATORIUM LOCKER | | | | | XXXXXX | | | | XXXXXX | | XXXXXX |
| ROOM, DRYING & SHOWER RM - BOYS | XXX XXX | XXXXXX XXXXXX | XXXX XXXX | | XXXXXX XXXXXX | XXXX XXXX | XXXX XXXX | | XXXXXX XXXXXX | | XXXXXX XXXXXX |
| NATATORIUM LOCKER | | | | | XXXXXX | | | | XXXXXX | | XXXXXX |
| ROOM, DRYING & SHOWER RM - GIRLS | XXX XXX | XXXXXX XXXXXX | XXXX XXXX | | XXXXXX XXXXXX | XXXX XXXX | XXXX XXXX | | XXXXXX XXXXXX | | XXXXXX XXXXXX |
| DIST ADMIN OFFICE | XXX | XXXXXX | XXXX | | | XXXX | XXXX | | | | |
| VOCATIONAL | XXX | XXXXXX | XXXX | | | XXXX | XXXX | | | | |
| PRJT BUILDING TOTAL | XXX | XXXXXX | XXXX | | XXXXXX | XXXX | XXXX | 112,090 | XXXXXX | 112,090 | XXXXXX |

* REFER TO THE PART A INSTRUCTIONS TO DETERMINE IF CAPACITY SHOULD BE ASSIGNED.

| COMPARATIVE DESIGN ANALYSIS | | | |
|---|--|--|---|
| District/CTC: Upper Perkiomen School District | Project Name: New 6-7-8 Grade School | Grades: <div style="text-align: center;">6 - 8</div> | |
| SCHEDULED AREA | | | |
| A. Planned Scheduled Area - Total | <div style="border-bottom: 1px solid black; width: 100px; margin: 0 auto;">(A19, ADJ ELEM)</div> | + <div style="border-bottom: 1px solid black; width: 100px; margin: 0 auto;">112,090</div> | = <div style="border-bottom: 1px solid black; width: 100px; margin: 0 auto;">112,090</div> sq. ft. |
| B. Recommended Scheduled Area | | | |
| 1. Adjusted FTE - Total | <div style="border-bottom: 1px solid black; width: 100px; margin: 0 auto;">(A19, ADJ ELEM)</div> | <div style="border-bottom: 1px solid black; width: 100px; margin: 0 auto;">1,158</div> | |
| 2. Recommended Square Feet per student | 58 | 78 | |
| 3. Recommended Scheduled Area (B1 times B2) | <div style="border-bottom: 1px solid black; width: 100px; margin: 0 auto;"></div> | + <div style="border-bottom: 1px solid black; width: 100px; margin: 0 auto;">90,324</div> | = <div style="border-bottom: 1px solid black; width: 100px; margin: 0 auto;">90,324</div> sq. ft. |
| C. Difference between Planned and Recommended Scheduled Areas (A minus B3) | | | <div style="border-bottom: 1px solid black; width: 100px; margin: 0 auto;">21,766</div> sq. ft. |
| D. Difference as a Percent of Recommended Scheduled Area (C divided by B3 times 100) | | PROVIDE JUSTIFICATION | <div style="border-bottom: 1px solid black; width: 100px; margin: 0 auto;">24.10</div> % <small>(CARRY TO 2 DEC PL)</small> |
| <p>If Line D is greater than minus 10%, refer to instructions for the Comparative Design Analysis Adjustment calculation on A22 form. If Line D is greater than plus 10%, justification for the excess scheduled area must be provided. Check the following if applicable:</p> <p><input type="checkbox"/> LARGER THAN NORMAL SCHEDULED AREAS REQUIRED TO ACCOMMODATE EDUCATIONAL PROGRAMS AND COMMUNITY NEEDS</p> <p><input type="checkbox"/> LARGER THAN NORMAL SCHEDULED AREAS DUE TO EXISTING BUILDING CONDITIONS</p> <p><input checked="" type="checkbox"/> RELATIVELY LOW ENROLLMENT TO CAPACITY ADJUSTMENT FACTOR (A10, Line F)</p> <p><input type="checkbox"/> OTHER (DESCRIBE): _____</p> | | | |
| ARCHITECTURAL TO SCHEDULED AREA | | | |
| E. Planned Architectural Area for Total Building | | | |
| 1. Existing | <div style="border-bottom: 1px solid black; width: 100px; margin: 0 auto;">(A10, LINE H)</div> | sq. ft. | |
| 2. New/Addition | <div style="border-bottom: 1px solid black; width: 100px; margin: 0 auto;">188,311</div> | sq. ft. | |
| 3. Total | | <div style="border-bottom: 1px solid black; width: 100px; margin: 0 auto;">188,311</div> | sq. ft. |
| F. Planned Scheduled Area for Total Building | | <div style="border-bottom: 1px solid black; width: 100px; margin: 0 auto;">112,090</div> | sq. ft. |
| G. Planned Architectural Area divided by Planned Scheduled Area (E3 divided by F) | | PROVIDE JUSTIFICATION | <div style="border-bottom: 1px solid black; width: 100px; margin: 0 auto;">1.680</div> % <small>(A19, PRJT BLDG TOT) (CARRY TO 3 DEC PL)</small> |
| <p>If the above ratio of architectural area to scheduled area for this building is greater than 1.58, justification for excess architectural area must be provided. Check the following if applicable:</p> <p><input type="checkbox"/> LARGER THAN NORMAL LOBBIES AND ENTRANCE AREAS</p> <p><input type="checkbox"/> SINGLE-LOADED CORRIDORS</p> <p><input type="checkbox"/> LARGER THAN NORMAL STORAGE AREAS</p> <p><input type="checkbox"/> LARGER THAN NORMAL STAIRWAYS</p> <p><input checked="" type="checkbox"/> OTHER (DESCRIBE): <u>Project is designed to current building codes</u></p> | | | |

| FULL TIME EQUIVALENTS CONVERTED TO RATED PUPIL CAPACITY | | | |
|---|---|--------------------|------------------|
| District/AVTS: Upper Perkiomen School District | Project Name: New 6-7-8 Grade School | Grades: 6 - 8 | |
| COMPARATIVE DESIGN ANALYSIS ADJUSTMENT - ONLY COMPLETE THIS SECTION IF A20, LINE D IS GREATER THAN -10% | | | |
| I. DIFFERENCE AS PERCENT OF RECOMMENDED SCHEDULED AREA (only enter A20, line D if value is greater than -10%) | _____ | | |
| II. MINIMUM VARIANCE (A20) | -10.00% | | |
| III. DIFFERENCE | _____ | | |
| ELEMENTARY | | | |
| A. ADJUSTED ELEMENTARY FTE (A19, ADJ ELEM) | EXISTING | NEW | TOTAL |
| B. MIDDLE/SECONDARY SCHOOL ELEMENTARY FTE (Use this section for schools with both elementary and secondary grades on the Middle/Secondary Room Schedule) | | | |
| 1. Number of Elementary Grades (K-6) on the Middle/Secondary Room Schedule (Pages A13-A15) | _____ | | |
| 2. Total Number of Grades (K-12) on the Middle/Secondary Room Schedule (Pages A13-A15) | _____ | | |
| 3. Elementary Grades Divided By Total Number of Grades (B-1 divided by B-2) (ROUND TO 4 DEC PL) | | | |
| 4. Adjusted MS/SEC FTE (A19, ADJ MS/SEC) | _____ + _____ | | |
| 5. MS Elementary FTE (B-3 times B-4; round to whole number) | _____ | | |
| C-1. Total Elementary FTE (A plus B-5) | _____ + _____ | | = _____ |
| 2. Elementary FTE Reduction (if III < 0%, III times C-1; else 0) | _____ | | |
| 3. Total Elementary FTE based on Comparative Design Analysis | _____ + _____ | | = _____ (FTE) |
| 4. Rated Pupil Capacity Factor | | | _____ |
| 5. Elementary Rated Pupil Capacity (C-3 times C-4) | | | _____ (RPC) |
| SECONDARY | | | |
| D. ADJUSTED MIDDLE/SECONDARY FTE (A19, ADJ MS/SEC) | _____ | 1,158 | |
| E. LESS: MS Elementary FTE (B-5) | _____ | | |
| F-1. TOTAL MIDDLE/SECONDARY FTE (D minus E) | _____ + _____ | 1,158 | = 1,158 |
| 2. Middle/Secondary FTE Reduction (if III < 0%, III times F-1; else 0) | _____ | | |
| 3. Total Middle/Secondary FTE based on Comparative Design Analysis | _____ + _____ | 1,158 | = 1,158 (FTE) |
| 4. Rated Pupil Capacity Factor | | | 1.1050 |
| 5. Middle/Secondary Rated Pupil Capacity (F-3 times F-4) | | | 1,280 (RPC) |
| G-1. NATATORIUM FTE (A19, NAT) | _____ + _____ | | |
| 2. Natatorium Rated Pupil Capacity (G-1 times 1.11) | | | _____ (RPC) |
| H-1. CENTRAL DISTRICT ADMIN OFFICE FTE (A19, DAO) | _____ + _____ | | |
| 2. DAO Rated Pupil Capacity (H-1 times 1.11) | | | _____ (RPC) |
| I. TOTAL SECONDARY (F-5 plus G-2 and H-2) | _____ (FTE) | 1,158 (FTE) | 1,280 (RPC) |
| VOCATIONAL | | | |
| J. VOCATIONAL | _____ X (A19, VOC FTE) | _____ (RPC FACTOR) | = _____ (RPC) |

DISTRICT-WIDE FACILITY STUDY CERTIFICATION

District/CTC:

Upper Perkiomen School District

Project Name:

New 6-7-8 Grade School

Grades:

6 - 8

The Board of Directors certifies that it has accepted a district-wide facility study pursuant to Basic Education Circular (BEC) 24 P.S. § 7-733, "School Construction Reimbursement Criteria,". At least two copies of the study will be available for public inspection throughout the PlanCon process for this project at Upper Perkiomen School District Administration Building, 2229 East Buck Road, Pennsburg, Pennsylvania 18073
(Building or location where facility study will be available for public review)

The district-wide facility study must have been completed within the preceding two years of the Department's receipt of the Part A submittal for this project building.

The completion date of the district-wide facility study is:

1/14/16

(mm/dd/yyyy)

The authors are:

Breslin Ricyard Fadero Architects, 1226 Union Boulevard, Allentown, Pennsylvania 18109

(INCLUDE NAME, POSITION, SCHOOL DISTRICT OR FIRM NAME & ADDRESS)

Consolidated Engineers, 1022 James Drive, Leesport, Pennsylvania 19533

(INCLUDE NAME, POSITION, SCHOOL DISTRICT OR FIRM NAME & ADDRESS)

The following information summarizes the nature and contents of the study.

STUDY PAGE(S)

1

1. An overview of the school district that considers such factors as geography, population, wealth. The overview must include:
 - population and wealth statistics
 - a map showing the general location of the school district in the state or geographic region
 - a map of the school district showing the general location of all existing buildings and owned sites in the school district
 - information on any distinguishing characteristics, such as geographically separate population centers, that will have an impact on facilities

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2. An overview of the school district's educational program. The overview must address for all grades in-12:
 - instructional practices or planned curriculums by grade structure (elementary, middle, secondary, etc.)
 - special facility needs, if applicable, needed to support planned curriculums

26-31

3. An analysis of projected enrollment. The analysis must include:
 - the likely enrollment for each grade structure ten years into the future
 - a discussion of the reliability of the enrollment projections

26-31

4. An analysis of each building's capacity as it relates to the educational program. The analysis must address:
 - how many students a building can house
 - the types of educational spaces required by the educational program described above
 - length of the school day and number of classes per day, if applicable
 - size of particular rooms and adequacy of those rooms, if applicable
 - grade alignments

33-43

5. An analysis of each building's condition. The analysis must address:
 - the building's physical condition
 - the projected useful life of each building's major components (electrical, HVAC, plumbing, etc.)
 - code violations
 - universal accessibility
 - energy portfolio surveys (see Attachment C in Part A instructions.)
 - the cost to upgrade each building to current standards

27-28; 30-31

6. An analysis of construction options. The analysis must address:
 - the alternatives available to the district based on the above analysis
 - cost estimates for each alternative
 - the pros and cons for each alternative
 - a summary page depicting options and costs
 - energy portfolio surveys (see Attachment C in Part A instructions.)

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7. Documentation regarding the author's credentials including education, registration or licensure and experience for each author