

**PART A: PROJECT JUSTIFICATION
BOARD TRANSMITTAL**

Project #: _____
(PDE Use Only)

DISTRICT/CTC: Avon Grove School District COUNTY: Chester
PRJT BLDG NAME: Avon Grove High School GRADES: 9 - 12

<u>NON-VOC</u>	<u>VOC</u>	<u>PAGE #</u>	
<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: KCBA Architects

The architect to be contacted if there are any questions about Part A is:
Michael Kelly, AIA, Principal 215.368.5806 215.368.3580
Architect's Name and Position Phone Number Fax Number

The architect's e-mail address is: mike.kelly@kcba-architects.com

The architectural firm's address is: 8 East Broad Street, Hatfield, PA 19440

The district/CTC administrator to be contacted about Part A is:
Dr. M.Christopher Marchese, Superintendent 610.869.2441 610.869.8651
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: Dr. M.Christopher Marchese, Superintendent Henry Guarriello, AIA, Project Manager
Name and Position Name and Position

The SD/CTC administrator's e-mail address is: mmarchese@avongrove.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: _____

VOTING: AYE _____ NAY _____ ABSTENTIONS _____ ABSENT _____

Signature, Board Secretary Board Secretary's Name, Printed or Typed

Avon Grove School District, 375 S. Jennersville Rd, West Grove, PA 19390 _____
District/CTC Address Date

PROJECT DESCRIPTION (Page 1 of 2)

District/CTC: Avon Grove School District	Project Name: Avon Grove High School	Grades: <u>9</u> - <u>12</u>
---	---	---------------------------------

1. Indicate the type of project:

New School Building <input checked="" type="checkbox"/>	Additions to Existing Building _____	Alterations to Existing Building _____	Building Purchase _____
--	--	--	-------------------------

2. Indicate the current condition of the project building:

Poor <input type="checkbox"/>	Fair <input type="checkbox"/>	Good <input type="checkbox"/>	Excellent <input type="checkbox"/>
-------------------------------	-------------------------------	-------------------------------	------------------------------------

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 <input type="checkbox"/>	Target Finder <input type="checkbox"/>	Site EUI <input type="checkbox"/>	Source EUI <input type="checkbox"/>
--	--	-----------------------------------	-------------------------------------

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

Fire-Resistive <input checked="" type="checkbox"/>	Non- Combustible _____	Protected Heavy Timber _____	Wood Frame or Ordinary _____
--	---------------------------	------------------------------------	------------------------------------

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

1 story _____	2 stories _____	3 stories <input checked="" type="checkbox"/>	4 or more _____
---------------	-----------------	---	-----------------

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).

N/A, This is a new building

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

Construct a new high school building to accommodate 1750 Students providing integrated STEM programs.

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

Enrollment Growth <input checked="" type="checkbox"/>	Educational Programming <input checked="" type="checkbox"/>	Health and Safety Issues _____	Building and/or Site Accessibility <input checked="" type="checkbox"/>
Structural and/or Roof _____	HVAC, Electrical and/or Plumbing _____	Other: _____	

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

STEAM courses will be integrated in the high school program for all students. The new building will facilitate having an identifiable entrance and controlled by administration and improved security

10. Is total demolition of an entire existing structure part of this project? Yes _____ No

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 _____ No

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 _____ No

13. Indicate the site acreage:

Current	<u>153.8</u>	(If acreage is to be acquired, report costs on Page A04, Line N.)
To be Acquired	<u> </u>	
Total Planned	<u>153.8</u>	

14. Are there any other district buildings located at this site? If yes, list the other buildings: Yes _____ No

15. Is the acreage to be acquired currently in agricultural use? Yes No _____

PROJECT DESCRIPTION (Page 2 of 2)

District/CTC: Avon Grove School District	Project Name: Avon Grove High School	Grades: <u>9</u> - <u>12</u>
---	---	---------------------------------

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

The new building will be located to take advantage of the existing topography and avoid the wetlands and bog turtle habitat. The building will be located in the Northeastern part of the site to take advantage of the flatter areas of the site and make the building most visible from Baltimore Pike and Sunnyside Road. Site grading will occur to create plateaus for the playfields and minimize the overall site grading. Stormwater detention will be located naturally.

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

One main entrance will be off of an access road that connects Baltimore Pike and RT 796 (Jennersville Road). A traffic light will be added to the intersection at the access road and Baltimore Pike. An emergency access only road will be accessible off of Sunny Side Road.

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

The new building and fields will be available for community use when not scheduled for school events. There will be 5 multipurpose fields, a baseball field, a softball field, and 5 tennis courts.

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

The southwest corner of the site is crossed by wetlands and has bog turtle habitat. These areas will be avoided during development of the site to maintain the natural state of the site and provide outdoor learning environments for the students and the community.

20. Is there an adopted municipal comprehensive land use plan, as per the Pennsylvania Municipalities Planning Code?	Yes <u> X </u>	No <u> </u>
21. Is there an adopted county comprehensive land use plan?	Yes <u> X </u>	No <u> </u>
22. Is there an adopted multi-municipal or multi-county comprehensive land use plan?	Yes <u> </u>	No <u> X </u>
23. Is there an adopted county or municipal zoning ordinance or a joint municipal zoning ordinance?	Yes <u> X </u>	No <u> </u>
24. Is the proposed project consistent with these comprehensive plans and/or zoning ordinances?	Yes <u> X </u>	No <u> </u>

PROJECT ACCOUNTING BASED ON ESTIMATES			
District/CTC: Avon Grove School District	Project Name: Avon Grove High School	Grades: <u>9</u> - <u>12</u>	
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)	79,036,000		79,036,000
B. ARCHITECT/ENGINEER'S FEE ON STRUCTURE AND EPA-CERTIFIED PROJECT DESIGNER'S FEE ON ASBESTOS ABATEMENT	4,185,000		4,185,000
C. MOVABLE FIXTURES AND EQUIPMENT AND ARCHITECT'S FEE	1,400,000		1,400,000
D. STRUCTURE COSTS, ARCHITECT'S FEE, MOVABLE FIXTURES & EQUIPMENT - TOTAL (A plus B plus C)	84,621,000		84,621,000
E. SANITARY SEWAGE DISPOSAL AND SITE ACQUISITION COSTS	500,000		500,000
F. STRUCTURE COSTS, ARCHITECT'S FEE, MOVABLE FIXTURES & EQUIPMENT, AND SITE COSTS - TOTAL (D plus E)	85,121,000		85,121,000
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)			20,257,000
H. FINANCING COSTS (INCLUDING UNDERWRITER'S FEE, LEGAL FEES, FINANCIAL ADVISOR, CAPITALIZED INTEREST AND PRINTING)			1,855,000
I. TOTAL PROJECT COSTS (F plus G plus H)			107,233,000

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) :	2/2020

ELEMENTARY BUILDING CAPACITY

District/CTC: Avon Grove School District	Project Name: Avon Grove High School	Grades: 9 - 12
--	--	--------------------------

		SCHOOL: Penn London ES				SCHOOL: Avon Grove IS			
		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
HALF-TIME KINDRGRTN	50								
FULL-TIME KINDRGRTN	25	14	350	14	350				
REG CLSRM 660+ SQ FT	25	29	725	18	450	63	1,575	61	1,525
OTHER: _____									
BUILDING TOTAL	XX	XXXXXX	1,075	XXXXXX	800	XXXXXX	1,575	XXXXXX	1,525
		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
HALF-TIME KINDRGRTN	50								
FULL-TIME KINDRGRTN	25								
REG CLSRM 660+ SQ FT	25								
OTHER: _____									
BUILDING TOTAL	XX	XXXXXX		XXXXXX		XXXXXX		XXXXXX	
		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
HALF-TIME KINDRGRTN	50								
FULL-TIME KINDRGRTN	25								
REG CLSRM 660+ SQ FT	25								
OTHER: _____									
BUILDING TOTAL	XX	XXXXXX		XXXXXX		XXXXXX		XXXXXX	
		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
HALF-TIME KINDRGRTN	50								
FULL-TIME KINDRGRTN	25								
REG CLSRM 660+ SQ FT	25								
OTHER: _____									
BUILDING TOTAL	XX	XXXXXX		XXXXXX		XXXXXX		XXXXXX	
		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
HALF-TIME KINDRGRTN	50								
FULL-TIME KINDRGRTN	25								
REG CLSRM 660+ SQ FT	25								
OTHER: _____									
BUILDING TOTAL	XX	XXXXXX		XXXXXX		XXXXXX		XXXXXX	
		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
HALF-TIME KINDRGRTN	50								
FULL-TIME KINDRGRTN	25								
REG CLSRM 660+ SQ FT	25								
OTHER: _____									
BUILDING TOTAL	XX	XXXXXX		XXXXXX		XXXXXX		XXXXXX	
		SCHOOL: _____				SCHOOL: _____			
		PRESENT		PLANNED		PRESENT		PLANNED	

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: Avon Grove School District	Project Name: Avon Grove High School	Grades: 9 - 12
--	--	--------------------------

		SCHOOL : <u>Convert AGHS to MS</u>				SCHOOL : <u>New High School Building</u>			
		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	32	800	36	900			43	1,075
SCIENCE CLSRM 660+ SQ FT	25	2	50	2	50				
SCIENCE LAB 660+ SQ FT	20	11	220	10	200			15	300
PLANETARIUM W/CLSRM 660+ SQ FT	20							1	20
ALTERNATIVE ED ROOM 660+ SQ FT	20								
BUSINESS CLSRM 660+ SQ FT	25							3	75
BUSINESS LAB 660+ SQ FT	20	6	120						
COMPUTER LAB 660+ SQ FT	20	3	60	2	40			2	40
TV INSTRUCTIONAL STUDIO 660+ SQ FT	20	1	20	1	20			1	20
ART CLASSROOM 660+ SQ FT	20	2	40	1	20			6	120
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			1	25				
CHORAL ROOM 660+ SQ FT	25	1	25	1	25			1	25
FAMILY/CONSMR SCIENCE 660+ SQ FT	20	3	60	3	60			4	80
IA/SHOP 1800+ SQ FT	20	2	40	2	40			2	40
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	1.5	99	1.5	99			2.0	132
AUX GYM 2500 SQ FT	33							1	33
OTHER: _____									
OTHER: _____									
BUILDING TOTAL	XXX	XXXXXX	1,559	XXXXXX	1,504	XXXXXX		XXXXXX	2,030
MS/SEC UTILIZATION (BLDG TOTAL X .9)	XXX	XXXXXX	1,403	XXXXXX	1,354	XXXXXX		XXXXXX	1,827
		SCHOOL : <u>Fred Engle MS to DAO</u>				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	19	475	7	175				
SCIENCE CLSRM 660+ SQ FT	25	8	200						
SCIENCE LAB 660+ SQ FT	20								
PLANETARIUM W/CLSRM 660+ SQ FT	20								
ALTERNATIVE ED ROOM 660+ SQ FT	20			7	140				
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	1	20						
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	1	20						
TECH ED 1800+ SQ FT	20								
VO AG SHOP W/CLSRM 660+ SQ FT	20								
DRIVER'S ED 660+ SQ FT	20								
GYM 6500-7500 SQ FT	66	1.5	99	1.5	99				
AUX GYM 2500 SQ FT	33								
OTHER: _____									
OTHER: _____									
BUILDING TOTAL	XXX	XXXXXX	949	XXXXXX	414	XXXXXX		XXXXXX	
MS/SEC UTILIZATION (BLDG TOTAL X .9)	XXX	XXXXXX	854	XXXXXX	373	XXXXXX		XXXXXX	

SUMMARY OF OWNED BUILDINGS AND LAND

District/CTC: Avon Grove School District	Project Name: Avon Grove High School	Grades: 9 - 12
---	---	-------------------

#1	PRESENT				PLANNED					
	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11
NAME OF BUILDING OR SITE (INCLUDING DAO AND VACANT LAND) OWNED BY SCHOOL DISTRICT/CTC	CONSTRUCTION AND/OR RENOVATION DATES (BID OPENING DATES)	SITE SIZE (ACRES)	GRADE LEVELS	BUILDING FTE	CONVERSION / DISPOSITION AND PLANNED COMPLETION DATE BASED ON OPTION CHOSEN	SITE SIZE (ACRES)	GRADE LEVELS	PLANNED BUILDING FTE	PDE PROJECTED GRADE LEVEL ENROLLMENT 10 YEARS INTO THE FUTURE	FTE MINUS ENROLLMENT (#9 - #10)
Penn London Elem School	1992, 2002	212	K-2	1,025	Maintain - realign grades to full day K & 1st in fall 2023 Remove modulars	212	K-1	850	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX
Avon Grove Intermediate School	2002	212	3-6	1,575	Maintain - realign grades to 2nd-5th in fall 2023	212	2-5	1,525	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX
Avon Grove District Administration All on same site	1922 B	212			Convert DAO to Facilities and Operations	212			XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX
Subtotal	XXXXXXXXXX	XXX	XXXX	2,600	XXXXXXXXXXXXXXXXXXXXXXXXXX	XXX	XXXX	2,375	1,790	585
Fred S. Engle Middle School	1961, 70, 97, 2009, 2010	70.1	7-8	854	Convert to DAO/Adult and Alternative Ed	70.1	N/A	373	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX
Avon Grove High School	1957, 95, 97, 2008	70.1	9-12	1,433	Convert to Middle School Complete for Fall 2023 Remove Modular clrms	70.1	6-8	1,372	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX
Subtotal	XXXXXXXXXX	XXX	XXXX	2,287	XXXXXXXXXXXXXXXXXXXXXXXXXX	XXX	XXXX	1,745	1,033	712
					New High School Complete for Fall 2022	154	9-12	1,845	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX
Subtotal	XXXXXXXXXX	XXX	XXXX		XXXXXXXXXXXXXXXXXXXXXXXXXX	XXX	XXXX	1,845	1,324	521
Subtotal	XXXXXXXXXX	XXX	XXXX		XXXXXXXXXXXXXXXXXXXXXXXXXX	XXX	XXXX		DESCRIPT ION OF BOARD REQUIRED	ACTIONS BELOW
TOTAL	XXXXXXXXXX	XXX	XXXX	4,887	XXXXXXXXXXXXXXXXXXXXXXXXXX	XXX	XXXX	5,965	4,147	1,818

ACTIONS TO BE TAKEN IN THE FUTURE IF PROJECTIONS COME TRUE
AND THE SCHOOL DISTRICT EXPERIENCES EXCESS OR INSUFFICIENT CAPACITY
(FTE MINUS PROJECTED ENROLLMENT (Col. 11) > + or - 300)

CHECK IF APPLICABLE:

- EXPAND PROGRAMS OR COURSE OFFERINGS
- PROVIDE SPACE FOR USE BY COMMUNITY GROUPS OR SERVICE AGENCIES
- OFFER FULL-TIME KINDERGARTEN OR PRE-SCHOOL
- REDUCE CLASS SIZE
- CLOSE SCHOOL(S)
- OTHER (DESCRIBE) : _____

ENROLLMENT PROJECTIONS BY GRADE LEVEL

District/CTC: Avon Grove School District	Project Name: Avon Grove High School	Grades: 9 - 12
--	--	--------------------------

ENROLLMENT PROJECTIONS FOR PROJECT BUILDING GRADES

A. Current Elementary/Secondary Public Enrollment For October (See instructions for further direction.)	<u>2017</u>	
1. Current District Enrollment For Grades K-12		<u>4,938</u>
2. Current Enrollment For Project Building Grades (See instructions for further direction)	<u>9 - 12</u>	<u>1,738</u>
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)		<u>1,912</u>
B. PDE Enrollment Projections, Dated <u>December 2016</u> Highest Projected Enrollment for Project Grades (See instructions for further direction)		<u>1,812</u>
C. District Projected Enrollment* Source Document(s), Date Prepared and Page Number(s): _____ _____ _____		_____
D. Highest Projected Enrollment (highest of A3, B or C)		<u>1,912</u>
E. Planned Capacity for Project Grades (A09, Project Grades Subtotal from Col. #9)		<u>1,890</u>
F. Enrollment to Capacity Adjustment Factor (D divided by E)		<u>1.0000</u>

(ROUND TO 4 DEC PL;
MAXIMUM = 1.0000)

*If this project's Highest Projected Enrollment (line D) is based on district-generated enrollment projections (line C), provide the projections and supporting documentation.

ACT 34 OF 1973: SUBSTANTIAL ADDITION DETERMINATION

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.

G. Architectural Area - Addition	<u>296,028</u>	sq. ft.
H. Architectural Area - Existing Structure		sq. ft.

(G divided by H times 100)	<u>100.00</u>	%	HEARING REQUIRED
	<small>(ROUND TO 2 DEC PL)</small>		

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.

ELEMENTARY ROOM SCHEDULE FOR PROJECT BUILDING (1 OF 2)

District/CTC: Avon Grove School District	Project Name: Avon Grove High School	Grades: <u>9</u> - <u>12</u>
---	---	---------------------------------

		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
LIBRARY	XXX				XXXX				XXXX		XXXXXX
HALF-TIME KINDRGRTN	50										
HALF-TIME KINDRGRTN	50										
HALF-TIME KINDRGRTN	50										
FULL-TIME KINDRGRTN	25										
FULL-TIME KINDRGRTN	25										
FULL-TIME KINDRGRTN	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										
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	XXXXXX
SMALL GROUP <850 SQ FT	XXX				XXXX				XXXX		XXXXXX
SMALL GROUP <850 SQ FT	XXX				XXXX				XXXX		XXXXXX
LARGE GROUP INS 850+ SQ FT	XXX				XXXX				XXXX		XXXXXX
LARGE GROUP INS 850+ SQ FT	XXX				XXXX				XXXX		XXXXXX
ALTERNATIVE ED ROOM 660+ SQ FT	XXX				XXXX				XXXX		XXXXXX
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
PAGE A11 SUBTOTAL	XXX	XXXXXX	XXXXXX			XXXXXX	XXXXXX				

ELEMENTARY ROOM SCHEDULE FOR PROJECT BUILDING (2 OF 2)

District/CTC: Avon Grove School District	Project Name: Avon Grove High School	Grades: <u>9</u> - <u>12</u>
---	---	---------------------------------

		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	TOTAL AREA SQ FT	TOTAL FTE CAP
COMPUTER ROOM	XXX				XXXX				XXXX	XXXX	XXXX	XXXX	XXXX
COMPUTER ROOM	XXX				XXXX				XXXX				XXXX
COMPUTER ROOM	XXX				XXXX				XXXX				XXXX
ART ROOM	XXX				XXXX				XXXX				XXXX
ART ROOM	XXX				XXXX				XXXX				XXXX
ART ROOM	XXX				XXXX				XXXX				XXXX
MUSIC ROOM	XXX				XXXX				XXXX				XXXX
MUSIC ROOM	XXX				XXXX				XXXX				XXXX
MUSIC ROOM	XXX				XXXX				XXXX				XXXX
OTHER: _____	XXX				XXXX				XXXX				XXXX
OTHER: _____	XXX				XXXX				XXXX				XXXX
MULTI-PURPOSE RM	XXX				XXXX				XXXX				XXXX
STAGE/PLATFORM	XXX				XXXX				XXXX				XXXX
LOCKER ROOM, DRYING & SHOWER RM - BOYS	XXX				XXXX				XXXX				XXXX
LOCKER ROOM, DRYING & SHOWER RM - GIRLS	XXX				XXXX				XXXX				XXXX
NATATORIUM	XXX	SEE PAGE A19				SEE PAGE A19				XXXX	XXXX		
KITCHEN & STORAGE	XXX				XXXX				XXXX				XXXX
# OF SERVINGS: _____	XXX				XXXX				XXXX				XXXX
MEALS PREPARED PER	XXX				XXXX				XXXX				XXXX
SERVING: _____	XXX				XXXX				XXXX				XXXX
CAFETERIA	XXX				XXXX				XXXX				XXXX
TO SEAT: _____	XXX				XXXX				XXXX				XXXX
FACULTY DINING ROOM	XXX				XXXX				XXXX				XXXX
FACULTY ROOM	XXX				XXXX				XXXX				XXXX
HEALTH SUITE (NURSE)	XXX				XXXX				XXXX				XXXX
BLDG ADMIN/GUIDANCE	XXX				XXXX				XXXX				XXXX
TOTAL STAFF: _____	XXX				XXXX				XXXX				XXXX
OTHER: _____	XXX				XXXX				XXXX				XXXX
OTHER: _____	XXX				XXXX				XXXX				XXXX
OTHER: _____	XXX				XXXX				XXXX				XXXX
OTHER: _____	XXX				XXXX				XXXX				XXXX
OTHER: _____	XXX				XXXX				XXXX				XXXX
OTHER: _____	XXX				XXXX				XXXX				XXXX
PAGE A12 SUBTOTAL	XXX	XXXXX	XXXXX		XXXX	XXXXX	XXXXX		XXXX				XXXXX
PAGE A11 SUBTOTAL	XXX	XXXXX	XXXXX			XXXXX	XXXXX						
BUILDING TOTAL	XXX	XXXXX	XXXXX			XXXXX	XXXXX						

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

District/CTC: Avon Grove School District Project Name: Avon Grove High School Grades: 9 - 12

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
LIBRARY	XXX				XXXX	2,715	1.0	2,715	XXXX	2,715	XXXXX
REG CLSRM 660+ SQ FT	25					660	1.0	660	25	660	25
REG CLSRM 660+ SQ FT	25					839	1.0	839	25	839	25
REG CLSRM 660+ SQ FT	25					775	6.0	4,650	150	4,650	150
REG CLSRM 660+ SQ FT	25					810	9.0	7,290	225	7,290	225
REG CLSRM 660+ SQ FT	25					790	17.0	13,430	425	13,430	425
REG CLSRM 660+ SQ FT	25					880	2.0	1,760	50	1,760	50
REG CLSRM 660+ SQ FT	25					670	2.0	1,340	50	1,340	50
REG CLSRM 660+ SQ FT	25					753	1.0	753	25	753	25
REG CLSRM 660+ SQ FT	25					727	1.0	727	25	727	25
REG CLSRM 660+ SQ FT	25					862	1.0	862	25	862	25
REG CLSRM 660+ SQ FT	25					760	2.0	1,520	50	1,520	50
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	554	1.0	554	XXXX	554	XXXXX
SMALL GROUP <850 SQ FT	XXX				XXXX	698	1.0	698	XXXX	698	XXXXX
LARGE GROUP INS 850+ SQ FT	XXX				XXXX	2,446	1.0	2,446	XXXX	2,446	XXXXX
AUDITORIUM TO SEAT 1000	XXX XXX				XXXX XXXX	9,844	1.0	9,844	XXXX	9,844	XXXXX
STAGE	XXX				XXXX	2,058	1.0	2,058	XXXX	2,058	XXXXX
SCIENCE CLSRM 660+ SQ FT	25										
SCIENCE CLSRM 660+ SQ FT	25										
SCIENCE LAB: _____	20					1,100	7.0	7,700	140	7,700	140
SCIENCE LAB: _____	20					1,070	3.0	3,210	60	3,210	60
SCIENCE LAB: _____	20					1,031	1.0	1,031	20	1,031	20
SCIENCE LAB: _____	20					1,130	2.0	2,260	40	2,260	40
SCIENCE STUDENT PROJ RM	XXX				XXXX				XXXX		XXXXX
PLANETARIUM CLSRM 660+ SQ FT	20					1,098	1.0	1,098	20	1,098	20
OBSERVATORY	XXX				XXXX				XXXX		XXXXX
ALTERNATIVE ED ROOM 660+ SQ FT	20										
OTHER: SCIENCE LAB						1,140	2.0	2,280		2,280	
OTHER: SGI						400	1.0	400		400	
OTHER: SGI						160	3.0	480		480	
OTHER: SGI						601	1.0	601		601	
OTHER: SGI						775	1.0	775		775	
OTHER: SGI						621	1.0	621		621	
OTHER: SGI						603	1.0	603		603	
PAGE A13 SUBTOTAL	XXX	XXXXX	XXXXX			XXXXX	XXXXX	73,205	1,355	73,205	1,355

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

District/CTC: Avon Grove School District	Project Name: Avon Grove High School	Grades: <u>9</u> - <u>12</u>
---	---	---------------------------------

		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
BUSINESS CLSRM 660+ SQ FT	25					1,075	1.0	1,075	25	1,075	25
BUSINESS CLSRM 660+ SQ FT	25					833	2.0	1,666	50	1,666	50
BUSINESS LAB 660+ SQ FT	20										
BUSINESS LAB 660+ SQ FT	20										
BUSINESS LAB 660+ SQ FT	20										
COMPUTER LAB 660+ SQ FT	20					1,172	1.0	1,172	20	1,172	20
COMPUTER LAB 660+ SQ FT	20					1,195	1.0	1,195	20	1,195	20
COMPUTER LAB 660+ SQ FT	20										
TV INSTRUCTIONAL STUDIO 660+ SQ FT	20					2,232	1.0	2,232	20	2,232	20
OTHER: _____	20										
OTHER: _____											
ART CLASSROOM 660+ SQ FT	20					990	1.0	990	20	990	20
ART CLASSROOM 660+ SQ FT	20					1,050	2.0	2,100	40	2,100	40
MUSIC CLASSROOM 660+ SQ FT	25					1,228	1.0	1,228	25	1,228	25
MUSIC CLASSROOM 660+ SQ FT	25										
BAND ROOM 660+ SQ FT	25					2,804	1.0	2,804	25	2,804	25
ORCHESTRA ROOM 660+ SQ FT	25										
CHORAL ROOM 660+ SQ FT	25					1,619	1.0	1,619	25	1,619	25
OTHER: <u>ART CLASSROOM</u>						1,012	1.0	1,012		1,012	
OTHER: <u>ART CLASSROOM</u>						1,044	1.0	1,044		1,044	
FAMILY/CONSMR SCIENCE 660+ SQ FT	20					1,066	1.0	1,066	20	1,066	20
FAMILY/CONSMR SCIENCE 660+ SQ FT	20					1,249	1.0	1,249	20	1,249	20
FAMILY/CONSMR SCIENCE 660+ SQ FT	20					1,545	1.0	1,545	20	1,545	20
IA/SHOP 1800+ SQ FT	20					2,163	1.0	2,163	20	2,163	20
IA/SHOP 1800+ SQ FT	20					2,013	1.0	2,013	20	2,013	20
TECH ED 1800+ SQ FT	20					2,131	1.0	2,131	20	2,131	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				XXXX		XXXXXX
TECH ED <1800 SQ FT	XXX				XXXX	1,384	1.0	1,384	XXXX	1,384	XXXXXX
VO AG SHOP W/CLSRM 660+ SQ FT	20										
DRIVER'S ED 660+ SQ FT	20										
OTHER: <u>SGI</u>						589	1.0	589		589	
OTHER: <u>ART CLASSROOM</u>						1,120	1.0	1,120		1,120	
OTHER: <u>FAMILY CONSUMER SCIENCE</u>						1,056	1.0	1,056		1,056	
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
PAGE A14 SUBTOTAL	XXX	XXXXXX	XXXXXX			XXXXXX	XXXXXX	32,453	390	32,453	390

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

District/CTC: Avon Grove School District Project Name: Avon Grove High School Grades: 9 - 12

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					6,488	2.0	12,976		12,976	
GYM 6500+ SQ FT	66										
2500 SQ FT AUX GYM	33					6,244	1.0	6,244	33	6,244	33
1000 SQ FT ADAPT GYM	XXX				XXXX	1,805	1.0	1,805	XXXX	1,805	XXXXXX
WRESTLING ROOM	XXX				XXXX				XXXX		XXXXXX
WEIGHT ROOM	XXX				XXXX	1,682	1.0	1,682	XXXX	1,682	XXXXXX
LOCKER ROOM, DRYING & SHOWER RM - BOYS	XXX				XXXX	1,416	1.0	1,416	XXXX	1,416	XXXXXX
LOCKER ROOM, DRYING & SHOWER RM - GIRLS	XXX				XXXX	1,416	1.0	1,416	XXXX	1,416	XXXXXX
TEAM ROOM	XXX				XXXX	615	2.0	1,230	XXXX	1,230	XXXXXX
TEAM ROOM	XXX				XXXX	229	2.0	458	XXXX	458	XXXXXX
INSTRUCTOR'S OFFICE	XXX				XXXX	170	4.0	680	XXXX	680	XXXXXX
INSTRUCTOR'S OFFICE	XXX				XXXX				XXXX		XXXXXX
OTHER: <u>Trainer</u>						500	1.0	500		500	
OTHER: _____											
OTHER: _____											
OTHER: _____											
NATATORIUM	XXX	SEE PAGE A19				SEE PAGE A19				XXXX	XXXXXX
KITCHEN & STORAGE	XXX				XXXX				XXXX		XXXXXX
# OF SERVINGS: _____	XXX				XXXX				XXXX		XXXXXX
MEALS PREPARED PER SERVING: _____	XXX				XXXX	6,246	1.0	6,246	XXXX	6,246	XXXXXX
CAFETERIA	XXX				XXXX				XXXX		XXXXXX
TO SEAT: <u>600</u>	XXX				XXXX	7,136	1.0	7,136	XXXX	7,136	XXXXXX
FACULTY DINING ROOM	XXX				XXXX	742	1.0	742	XXXX	742	XXXXXX
FACULTY ROOM	XXX				XXXX				XXXX		XXXXXX
INSTR PLANNING CTR	XXX				XXXX	2,297	1.0	2,297	XXXX	2,297	XXXXXX
INSTR PLANNING CTR	XXX				XXXX	731	1.0	731	XXXX	731	XXXXXX
CONFERENCE ROOM	XXX				XXXX	261	1.0	261	XXXX	261	XXXXXX
STUDENT ACTIVITY RM	XXX				XXXX				XXXX		XXXXXX
HEALTH SUITE (NURSE)	XXX				XXXX	1,816	1.0	1,816	XXXX	1,816	XXXXXX
BLDG ADMIN/GUIDANCE	XXX				XXXX				XXXX		XXXXXX
TOTAL STAFF: _____	XXX				XXXX	6,687	1.0	6,687	XXXX	6,687	XXXXXX
OTHER: <u>IPC</u>						595	1.0	595		595	
OTHER: <u>Conference</u>						210	1.0	210		210	
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
PAGE A15 SUBTOTAL	XXX	XXXXXX	XXXXXX			XXXXXX	XXXXXX	55,128	33	55,128	33
PAGE A13 SUBTOTAL	XXX	XXXXXX	XXXXXX			XXXXXX	XXXXXX	73,205	1,355	73,205	1,355
PAGE A14 SUBTOTAL	XXX	XXXXXX	XXXXXX			XXXXXX	XXXXXX	32,453	390	32,453	390
BUILDING TOTAL	XXX	XXXXXX	XXXXXX			XXXXXX	XXXXXX	160,786	1,778	160,786	1,778
MS/SEC UTILIZATION (BLDG TOTAL TIMES .9)	XXX	XXXXXX	XXXXXX	XXXXXX		XXXXXX	XXXXXX	XXXXXX	1,600	XXXXXX	1,600

CENTRAL DISTRICT ADMINISTRATION OFFICE

District/CTC: Avon Grove School District	Project Name: Avon Grove High School	Grades: 9 - 12
--	--	--------------------------

If this project building includes office space for central district administration, provide the position for each staff member who will be working in this office space. For vacant or new positions, indicate prospective employment date. Attach additional sheets if necessary.

<u>POSITION</u> (If vacant or new, indicate date to be filled)	<u>POSITION</u> (If vacant or new, indicate date to be filled)
1.	41.
2.	42.
3.	43.
4.	44.
5.	45.
6.	46.
7.	47.
8.	48.
9.	49.
10.	50.
11.	51.
12.	52.
13.	53.
14.	54.
15.	55.
16.	56.
17.	57.
18.	58.
19.	59.
20.	60.
21.	61.
22.	62.
23.	63.
24.	64.
25.	65.
26.	66.
27.	67.
28.	68.
29.	69.
30.	70.
31.	71.
32.	72.
33.	73.
34.	74.
35.	75.
36.	76.
37.	77.
38.	78.
39.	79.
40.	80.

DISTRICT ADMINISTRATION STAFFING CONVERTED TO FULL TIME EQUIVALENTS

A. TOTAL NUMBER OF STAFF LISTED	_____	X 1.2 =	_____ FTE CAP
B. NUMBER OF STAFF TO BE HOUSED IN NEW AREA	_____	X 1.2 =	_____ FTE CAP
C. NUMBER OF STAFF TO BE HOUSED IN EXISTING AREA (A minus B)	_____	X 1.2 =	_____ FTE CAP

VOCATIONAL ROOM SCHEDULE FOR PROJECT BUILDING

District/CTC:
Avon Grove School District

Project Name:
Avon Grove High School

Grades: 9 - 12

					PROJECT PLANNED SPACES - SCHEDULED AREA ONLY									
					EXISTING				NEW				TOTAL	
#1	#2	PDE USE	PDE USE	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	#13
NAME OF PROGRAM	CIP CODE	CRR APPROVAL	PDE-320/286 APPROVAL	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
BUILDING TOTAL	XXXX			XXX	XXXX	XXXX			XXXX	XXXX				

ROOM SCHEDULE ADJUSTMENTS

District/CTC:
Avon Grove School District

Project Name:
Avon Grove High School

Grades:
9 - 12

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	XXXXXX	XXXXXX	XXXXXX	XXXX	XXXXXX	XXXXXX	XXXXXX	XXXX	XXXXXX	XXXXXX
PROJECT ELEM CAP	XXX	XXXXXX	XXXXXX			XXXXXX	XXXXXX				
KINDERGARTEN DEDUCT FOR HALF-TIME PRGM	-25	XXXXXX		XXXXXX		XXXXXX		XXXXXX		XXXXXX	
ADJUSTED ELEM CAP	XXX	XXXXXX	XXXXXX	XXXXXX		XXXXXX	XXXXXX	XXXXXX		XXXXXX	
ENR/CAP ADJ FACTOR	XXX	XXXXXX	XXXXXX	XXXXXX	1.0000	XXXXXX	XXXXXX	XXXXXX	1.0000	XXXXXX	1.0000
JUSTIFIED ELEM	XXX	XXXXXX	XXXXXX	XXXXXX		XXXXXX	XXXXXX	XXXXXX		XXXXXX	
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	XXXXXX	XXXXXX			XXXXXX	XXXXXX				
MIDDLE/SECONDARY	XXX	XXXXXX	XXXXXX	XXXXXX	XXXX	XXXXXX	XXXXXX	XXXXXX	XXXX	XXXXXX	XXXXXX
PROJECT MS/SEC UTIL	XXX	XXXXXX	XXXXXX			XXXXXX	XXXXXX	160,786	1,600	160,786	1,600
ENR/CAP ADJ FACTOR	XXX	XXXXXX	XXXXXX	XXXXXX	1.0000	XXXXXX	XXXXXX	XXXXXX	1.0000	XXXXXX	1.0000
JUSTIFIED MS/SEC	XXX	XXXXXX	XXXXXX	XXXXXX		XXXXXX	XXXXXX	XXXXXX	1,600	XXXXXX	1,600
SP ED 660+ SQ FT	25					1,475	1.0	1,475	25	1,475	25
SP ED 660+ SQ FT	25					1,026	1.0	1,026	25	1,026	25
SP ED 660+ SQ FT	25					789	2.0	1,578	50	1,578	50
SP ED 660+ SQ FT	25					740	4.0	2,960	100	2,960	100
SP ED 660+ SQ FT	25					714	1.0	714	25	714	25
SP ED 660+ SQ FT	25					985	1.0	985	25	985	25
SP ED 660+ SQ FT	25					943	1.0	943	25	943	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	XXXXXX	XXXXXX			XXXXXX	XXXXXX	170,467	1,875	170,467	1,875

* 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: Avon Grove School District	Project Name: Avon Grove High School	Grades: <u>9</u> - <u>12</u>
---	---	---------------------------------

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	170,467	1,875	170,467	1,875
NATATORIUM *		XXXXXX	XXXX			XXXX	XXXX				
NATATORIUM LOCKER ROOM, DRYING & SHOWER RM - BOYS	XXX XXX	XXXXXX XXXXXX	XXXX XXXX		XXXXXX XXXXXX	XXXX XXXX	XXXX XXXX		XXXXXX XXXXXX		XXXXXX XXXXXX
NATATORIUM LOCKER 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	170,467	XXXXXX	170,467	XXXXXX

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

COMPARATIVE DESIGN ANALYSIS

District/CTC: Avon Grove School District	Project Name: Avon Grove High School	Grades: <u> 9 </u> - <u> 12 </u>
--	--	---------------------------------------

SCHEDULED AREA

A. Planned Scheduled Area - Total	<u> </u>	+	<u> 170,467 </u>	=	<u> 170,467 </u>	sq. ft.
	<small>(A19, ADJ ELEM)</small>		<small>(A19, ADJ MS/SEC)</small>			
B. Recommended Scheduled Area						
1. Adjusted FTE - Total	<u> </u>		<u> 1,875 </u>			
	<small>(A19, ADJ ELEM)</small>		<small>(A19, ADJ MS/SEC)</small>			
2. Recommended Square Feet per student	58		78			
3. Recommended Scheduled Area (B1 times B2)	<u> </u>	+	<u> 146,250 </u>	=	<u> 146,250 </u>	sq. ft.
C. Difference between Planned and Recommended Scheduled Areas (A minus B3)					<u> 24,217 </u>	sq. ft.
D. Difference as a Percent of Recommended Scheduled Area (C divided by B3 times 100)					<u> 16.56 </u>	%
			PROVIDE JUSTIFICATION		<small>(CARRY TO 2 DEC PL)</small>	

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:

- LARGER THAN NORMAL SCHEDULED AREAS REQUIRED TO ACCOMMODATE EDUCATIONAL PROGRAMS AND COMMUNITY NEEDS
- LARGER THAN NORMAL SCHEDULED AREAS DUE TO EXISTING BUILDING CONDITIONS
- RELATIVELY LOW ENROLLMENT TO CAPACITY ADJUSTMENT FACTOR (A10, Line F)
- OTHER (DESCRIBE): _____

ARCHITECTURAL TO SCHEDULED AREA

E. Planned Architectural Area for Total Building						
1. Existing	<u> </u>					sq. ft.
	<small>(A10, LINE H)</small>					
2. New/Addition	<u> 296,028 </u>					sq. ft.
	<small>(A10, LINE G)</small>					
3. Total					<u> 296,028 </u>	sq. ft.
F. Planned Scheduled Area for Total Building					<u> 170,467 </u>	sq. ft.
				PROVIDE JUSTIFICATION	<small>(A19, PRJT BLDG TOT)</small>	
G. Planned Architectural Area divided by Planned Scheduled Area (E3 divided by F)					<u> 1.737 </u>	
					<small>(CARRY TO 3 DEC PL)</small>	

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:

- LARGER THAN NORMAL LOBBIES AND ENTRANCE AREAS
- SINGLE-LOADED CORRIDORS
- LARGER THAN NORMAL STORAGE AREAS
- LARGER THAN NORMAL STAIRWAYS
- OTHER (DESCRIBE): Large mechanical and systems areas

20% RULE FOR ALTERATION COSTS FOR NON-VOCATIONAL PROJECTS

District/CTC:

Avon Grove School District

Project Name:

Avon Grove High School

Grades:

9 - 12

A. Estimated Alteration Costs			\$ _____ <small>(A04, Line F-EXIST)</small>
B- 1. Movable Fixtures & Equipment and Architect's Fee	\$ _____ <small>(A04, Line C-EXIST)</small>		
2. Site Development and Architect's Fee	\$ _____ <small>(A04, Line J-EXIST)</small>		
3. Asbestos Abatement and EPA-Certified Designer's Fee	\$ _____ <small>(A04, Line K-EXIST)</small>		
4. Roof Replacement and Architect's Fee	\$ _____ <small>(A04, Line L-EXIST)</small>		
5. Building Purchase	\$ _____ <small>(A04, Line M)</small>		
6. Adjustment (B-1 plus B-2 and B-3 and B-4 and B-5)			\$ _____
C. Adjusted Estimated Alteration Costs (line A minus line B-6)			\$ _____
D- 1. Adjusted FTE	<small>(A19, ADJ ELEM-EXIST)</small>	<small>(A19, ADJ MS/SEC-EXIST + NAT/DAO-EXIST)</small>	
2. Recommended Square Feet per student	92	123	
3. Recommended Architectural Area (D-1 times D-2)	_____	+ _____	= _____ sq. ft.
E. Median Construction Cost Per Square Foot			\$174
F. Replacement Costs (D-3 times E)			\$ _____
G. 20% Rule (F times .20)			\$ _____

If the Adjusted Estimated Alteration Costs (line C) are less than line G, provide information justifying a variance from this Departmental requirement. The justification must include an explanation as to why this is the best option for the district. Please note that based on the provisions of Basic Education Circular (BEC) 24 P.S. § 7-733, "School Construction Reimbursement Criteria," if the Adjusted Estimated Alteration Costs for this project fall below 20% of the replacement value at the time this project is bid, the alteration work will be non-reimbursable. If the project is not voided and the District still receives reimbursement for any additions, the project building will not be eligible for reimbursement for alterations for the next 20 years unless a request for a variance is approved by the Department.

FULL TIME EQUIVALENTS CONVERTED TO RATED PUPIL CAPACITY

District/AVTS:
Avon Grove School District

Project Name:
Avon Grove High School

Grades:
9 - 12

**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

	EXISTING		NEW		TOTAL
A. ADJUSTED ELEMENTARY FTE (A19, ADJ ELEM)	_____		_____		
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)	_____		1,875		
E. LESS: MS Elementary FTE (B-5)	_____		_____		
F-1. TOTAL MIDDLE/SECONDARY FTE (D minus E)	_____	+	1,875	=	1,875
2. Middle/Secondary FTE Reduction (if III < 0%, III times F-1; else 0)	_____		_____		_____
3. Total Middle/Secondary FTE based on Comparative Design Analysis	_____	+	1,875	=	1,875 (FTE)
4. Rated Pupil Capacity Factor					1.1050
5. Middle/Secondary Rated Pupil Capacity (F-3 times F-4)					2,072 (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)		1,875 (FTE)		2,072 (RPC)

VOCATIONAL

J. VOCATIONAL _____ X _____ = _____
(A19, VOC FTE) (RPC FACTOR) (RPC)

DISTRICT-WIDE FACILITY STUDY CERTIFICATION

District/CTC: Avon Grove School District	Project Name: Avon Grove High School	Grades: <u>9</u> - <u>12</u>
---	---	---------------------------------

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 Avon Grove District Office 395 South Jennersville Road, West Grove, PA

(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: 3/4/2015 **OUTDATED STUDY**
(mm/dd/yyyy)

The authors are: Danielle V. Hoffer, Vice President, Gilbert Architects Inc. 626 N. Charlotte Street, Lancaster, PA 17603
(INCLUDE NAME, POSITION, SCHOOL DISTRICT OR FIRM NAME & ADDRESS)
Tracy Healy, President, Future Think Inc.
(INCLUDE NAME, POSITION, SCHOOL DISTRICT OR FIRM NAME & ADDRESS)

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

STUDY PAGE(S)

- pg 1-1 to 1-5 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

- pg 1-5 to 1-15 2. An overview of the school district's educational program. The overview must address for all grades (K-12):
 - instructional practices or planned curriculums by grade structure (elementary, middle, secondary, etc.)
 - special facility needs, if applicable, needed to support planned curriculums

- pg 2-1 to 2-13 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

- pg 3-1 to 3-4 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

- pg intro 4-1 to Sunnyside 4-4 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

- pg 5-1 to 5-15 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.)

- pg 6-1 o 6-3 7. Documentation regarding the author's credentials including education, registration or licensure and experience for each author