

PART A: PROJECT JUSTIFICATION
BOARD TRANSMITTAL

11.4

Project #: ADV95
(PDE Use Only)

DISTRICT/CTC: Peters Township School District COUNTY: Washington
PRJT BLDG NAME: Peters Township High School GRADES: 9 - 12

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)
		A11-A12	Elementary Room Schedule for Project Building
<u>X</u>		A13-A15	Middle/Secondary Room Schedule for Project Building
		A16	Central District Administration Office
		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)
		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: Hayes Design Group - Architects

The architect to be contacted if there are any questions about Part A is:

D. Richard Fox, Principal (WMF, Inc.) 814-920-1950 814-836-5757
Architect's Name and Position Phone Number Fax Number

The architect's e-mail address is: dfox@wmf-inc.com

The architectural firm's address is: 100 Ryan Court, Suite 11, Pittsburgh, PA 15205

The district/CTC administrator to be contacted about Part A is:

Dr. Jeannine French, Superintendent 724-941-6251, ext 7206 724-941-6565
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. Jeannine French, Superintendent

Name and Position Name and Position

The SD/CTC administrator's e-mail address is: FrenchJ@pt-sd.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 Mr. Brad Rau
Board Secretary's Name, Printed or Typed

District/CTC Address

Date

PROJECT DESCRIPTION (Page 2 of 2)

District/CTC: Peters Township School District	Project Name: Peters Township High School	Grades: <u>9</u> - <u>12</u>
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16. Describe the existing site topography and any planned changes.

The existing site is comprised of rolling topography, formerly a golf course. The former golf course was a 180 acre property which has been subdivided between the township and the school district, with each entity owning approximately 90 contiguous acres. The site improvements and the building design will utilize the existing slopes to minimize mass grading.

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

The site fronts on a state road which is a primary travel route through the township. A main drive, which will be the primary access to the site, will be shared by both the school district and the township. A township road also flanks the west side of the site which will have two points of entry to the site.

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

There is no existing community use of the site. The overall planning for the site will include athletic fields and a walking trail that will be available for community use. The township is studying the development of their adjacent property as a community water park and other recreational facilities.

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

An electrical transmission line exists on the site. The project building and programmed athletic facilities are purposely located a large distance from this line. There are some parking areas and roadways that are closer to the line but fall outside of the line's right-of-way.

- | | | |
|--|-------------------|------------------|
| 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: Peters Township School District	Project Name: Peters Township High School	Grades: 9 - 12	
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)	79,158,500		79,158,500
B. ARCHITECT/ENGINEER'S FEE ON STRUCTURE AND EPA-CERTIFIED PROJECT DESIGNER'S FEE ON ASBESTOS ABATEMENT	4,500,000		4,500,000
C. MOVABLE FIXTURES AND EQUIPMENT AND ARCHITECT'S FEE	1,000,000		1,000,000
D. STRUCTURE COSTS, ARCHITECT'S FEE, MOVABLE FIXTURES & EQUIPMENT - TOTAL (A plus B plus C)	84,658,500		84,658,500
E. SANITARY SEWAGE DISPOSAL AND SITE ACQUISITION COSTS	5,705,000		5,705,000
F. STRUCTURE COSTS, ARCHITECT'S FEE, MOVABLE FIXTURES & EQUIPMENT, AND SITE COSTS - TOTAL (D plus E)	90,363,500		90,363,500
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)			4,780,000
H. FINANCING COSTS (INCLUDING UNDERWRITER'S FEE, LEGAL FEES, FINANCIAL ADVISOR, CAPITALIZED INTEREST AND PRINTING)			560,000
I. TOTAL PROJECT COSTS (F plus G plus H)			95,703,500
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)			5,657,500
BID DATE			
O. PROPOSED BID OPENING DATE (MM/YY):			April 2018

MIDDLE/SECONDARY BUILDING CAPACITY									
District/CTC: Peters Township School District				Project Name: Peters Township High School				Grades: 9 - 12	
		SCHOOL: Peters Township Mid. Sch.				SCHOOL: Peters Township High School			
		PRESENT		PLANNED		PRESENT		PLANNED	
#1	#2	#3	#4	#5	#6	#3	#4	#5	#6
	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
NAME OF SPACE									
REG CLSRM 660+ SQ FT	25	22	550	22	550	39	975	48	1,200
SCIENCE CLSRM 660+ SQ FT	25	3	75	3	75	2	50	2	50
SCIENCE LAB 660+ SQ FT	20	3	60	3	60	9	180	10	200
PLANETARIUM W/CLSRM 660+ SQ FT	20								
ALTERNATIVE ED ROOM 660+ SQ FT	20								
BUSINESS CLSRM 660+ SQ FT	25					3	75	3	75
BUSINESS LAB 660+ SQ FT	20								
COMPUTER LAB 660+ SQ FT	20	3	60	3	60	4	80	5	100
TV INSTRUCTIONAL STUDIO 660+ SQ FT	20					1	20		
ART CLASSROOM 660+ SQ FT	20	2	40	2	40	2	40	2	40
MUSIC CLASSROOM 660+ SQ FT	25								
BAND ROOM 660+ SQ FT	25	1	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	1	25
FAMILY/CONSMR SCIENCE 660+ SQ FT	20	1	20	1	20				
IA/SHOP 1800+ SQ FT	20					1	20		
TECH ED 1800+ SQ FT	20	2	40	2	40	1	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	1.0	66	1.0	66	2.0	132
AUX GYM 2500 SQ FT	33	1	33	1	33	1	33		
OTHER: _____									
OTHER: _____									
BUILDING TOTAL	XXX	XXXXXX	994	XXXXXX	994	XXXXX	1,609	XXXXX	1,867
MS/SEC UTILIZATION (BLDG TOTAL X .9)	XXX	XXXXXX	895	XXXXXX	895	XXXXX	1,448	XXXXX	1,680
		SCHOOL:				SCHOOL:			
		PRESENT		PLANNED		PRESENT		PLANNED	
#1	#2	#3	#4	#5	#6	#3	#4	#5	#6
	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
NAME OF SPACE									
REG CLSRM 660+ SQ FT	25								
SCIENCE CLSRM 660+ SQ FT	25								
SCIENCE LAB 660+ SQ FT	20								
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								
TV INSTRUCTIONAL STUDIO 660+ SQ FT	20								
ART CLASSROOM 660+ SQ FT	20								
MUSIC CLASSROOM 660+ SQ FT	25								
BAND ROOM 660+ SQ FT	25								
ORCHESTRA ROOM 660+ SQ FT	25								
CHORAL ROOM 660+ SQ FT	25								
FAMILY/CONSMR SCIENCE 660+ SQ FT	20								
IA/SHOP 1800+ SQ FT	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								
AUX GYM 2500 SQ FT	33								
OTHER: _____									
OTHER: _____									
BUILDING TOTAL	XXX	XXXXXX		XXXXXX		XXXXX		XXXXX	
MS/SEC UTILIZATION (BLDG TOTAL X .9)	XXX	XXXXXX		XXXXXX		XXXXX		XXXXX	

ENROLLMENT PROJECTIONS BY GRADE LEVEL

District/CTC: Peters Township School District	Project Name: Peters Township High School	Grades: <u>9</u> - <u>12</u>
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ENROLLMENT PROJECTIONS FOR PROJECT BUILDING GRADES

A. Current Elementary/Secondary Public Enrollment For October (See instructions for further direction.)	<u>2016</u>	
1. Current District Enrollment For Grades K-12		<u>4,226</u>
2. Current Enrollment For Project Building Grades (See instructions for further direction)	<u>9</u> - <u>12</u>	<u>1,466</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>1,613</u>
B. PDE Enrollment Projections, Dated <u>July 2012</u>		
Highest Projected Enrollment for Project Grades (See instructions for further direction)		<u>1,512</u>
C. District Projected Enrollment*		
Source Document(s), Date Prepared and Page Number(s):	<hr/> <hr/> <hr/>	
D. Highest Projected Enrollment (highest of A3, B or C)		<u>1,613</u>
E. Planned Capacity for Project Grades (A09, Project Grades Subtotal from Col. #9)		<u>1,775</u>
F. Enrollment to Capacity Adjustment Factor (D divided by E)		<u>0.9087</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>292,000</u>	sq. ft.
H. Architectural Area - Existing Structure	<hr/>	sq. ft.

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

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.

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

District/CTC: Peters Township School District Project Name: Peters Township 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	6,568	1.0	6,568	XXXX	6,568	XXXXX
REG CLSRM 660+ SQ FT	25					800	44.0	35,200	1,100	35,200	1,100
REG CLSRM 660+ SQ FT	25					982	1.0	982	25	982	25
REG CLSRM 660+ SQ FT	25					820	2.0	1,640	50	1,640	50
REG CLSRM 660+ SQ FT	25					1,026	1.0	1,026	25	1,026	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				XXXX		XXXXX
SMALL GROUP <850 SQ FT	XXX				XXXX				XXXX		XXXXX
LARGE GROUP INS 850+ SQ FT	XXX				XXXX	2,000	3.0	6,000	XXXX	6,000	XXXXX
AUDITORIUM	XXX				XXXX				XXXX		XXXXX
TO SEAT 1200	XXX				XXXX	10,444	1.0	10,444	XXXX	10,444	XXXXX
STAGE	XXX				XXXX	3,138	1.0	3,138	XXXX	3,138	XXXXX
SCIENCE CLSRM 660+ SQ FT	25					800	2.0	1,600	50	1,600	50
SCIENCE CLSRM 660+ SQ FT	25										
SCIENCE LAB: _____	20					1,000	6.0	6,000	120	6,000	120
SCIENCE LAB: _____	20					1,300	4.0	5,200	80	5,200	80
SCIENCE LAB: _____	20										
SCIENCE LAB: _____	20										
SCIENCE STUDENT PROJ RM	XXX				XXXX				XXXX		XXXXX
PLANETARIUM CLSRM 660+ SQ FT	20										
OBSERVATORY	XXX				XXXX				XXXX		XXXXX
ALTERNATIVE ED ROOM 660+ SQ FT	20										
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
PAGE A13 SUBTOTAL	XXX	XXXXX	XXXXX			XXXXX	XXXXX	77,798	1,450	77,798	1,450

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

District/CTC:
Peters Township School District

Project Name:
Peters Township High School

Grades:
9 - 12

PROJECT PLANNED SPACES - SCHEDULED AREA ONLY

#1	#2	EXISTING				NEW				TOTAL	
		#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					1,065	3.0	3,195	75	3,195	75
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					1,029	1.0	1,029	20	1,029	20
COMPUTER LAB 660+ SQ FT	20					990	3.0	2,970	60	2,970	60
COMPUTER LAB 660+ SQ FT	20					997	1.0	997	20	997	20
TV INSTRUCTIONAL STUDIO 660+ SQ FT	20										
OTHER: TV Production Studio						3,984	1.0	3,984		3,984	
OTHER:											
ART CLASSROOM 660+ SQ FT	20					1,242	1.0	1,242	20	1,242	20
ART CLASSROOM 660+ SQ FT	20					1,404	1.0	1,404	20	1,404	20
MUSIC CLASSROOM 660+ SQ FT	25										
MUSIC CLASSROOM 660+ SQ FT	25										
BAND ROOM 660+ SQ FT	25					2,465	1.0	2,465	25	2,465	25
ORCHESTRA ROOM 660+ SQ FT	25										
CHORAL ROOM 660+ SQ FT	25					1,399	1.0	1,399	25	1,399	25
OTHER:											
OTHER:											
FAMILY/CONSMR SCIENCE 660+ SQ FT	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					2,456	1.0	2,456	20	2,456	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		XXXXX
TECH ED <1800 SQ FT	XXX				XXXX	1,062	1.0	1,062	XXX	1,062	XXXXX
VO AG SHOP W/CLSRM 660+ SQ FT	20										
DRIVER'S ED 660+ SQ FT	20										
OTHER:											
OTHER:											
OTHER:											
OTHER:											
OTHER:											
OTHER:											
OTHER:											
OTHER:											
PAGE A14 SUBTOTAL	XXX	XXXXX	XXXXX			XXXXX	XXXXX	22,203	285	22,203	285

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

District/CIC: Peters Township School District Project Name: Peters Township 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					15,667	1.0	15,667	66	15,667	66
GYM 6500+ SQ FT	66					7,493	1.0	7,493	66	7,493	66
2500 SQ FT AUX GYM	33										
1000 SQ FT ADAPT GYM	XXX				XXXX	2,991	1.0	2,991	XXXX	2,991	XXXXXX
WRESTLING ROOM	XXX				XXXX				XXXX		XXXXXX
WEIGHT ROOM	XXX				XXXX	2,995	1.0	2,995	XXXX	2,995	XXXXXX
LOCKER ROOM, DRYING & SHOWER RM - BOYS	XXX				XXXX	1,552	1.0	1,552	XXXX	1,552	XXXXXX
LOCKER ROOM, DRYING & SHOWER RM - GIRLS	XXX				XXXX	1,552	1.0	1,552	XXXX	1,552	XXXXXX
TEAM ROOM	XXX				XXXX	599	4.0	2,396	XXXX	2,396	XXXXXX
TEAM ROOM	XXX				XXXX	608	2.0	1,216	XXXX	1,216	XXXXXX
INSTRUCTOR'S OFFICE	XXX				XXXX	242	1.0	242	XXXX	242	XXXXXX
INSTRUCTOR'S OFFICE	XXX				XXXX	253	1.0	253	XXXX	253	XXXXXX
OTHER: Fitness						1,497	1.0	1,497		1,497	
OTHER: _____											
OTHER: _____											
OTHER: _____											
NATATORIUM	XXX	SEE PAGE A19				SEE PAGE A19				XXXXX	XXXXXX
KITCHEN & STORAGE # OF SERVINGS: 3 MEALS PREPARED PER SERVING: 500	XXX XXX XXX				XXXX XXXX XXXX	6,117	1.0	6,117	XXXX XXXX XXXX	6,117	XXXXXX XXXXXX XXXXXX
CAFETERIA TO SEAT: 600	XXX XXX				XXXX XXXX	8,000	1.0	8,000	XXXX XXXX	8,000	XXXXXX XXXXXX
FACULTY DINING ROOM	XXX				XXXX	925	1.0	925	XXXX	925	XXXXXX
FACULTY ROOM	XXX				XXXX	590	4.0	2,360	XXXX	2,360	XXXXXX
INSTR PLANNING CTR	XXX				XXXX	606	1.0	606	XXXX	606	XXXXXX
INSTR PLANNING CTR	XXX				XXXX				XXXX		XXXXXX
CONFERENCE ROOM	XXX				XXXX	246	1.0	246	XXXX	246	XXXXXX
STUDENT ACTIVITY RM	XXX				XXXX				XXXX		XXXXXX
HEALTH SUITE (NURSE)	XXX				XXXX	1,224	1.0	1,224	XXXX	1,224	XXXXXX
BLDG ADMIN/GUIDANCE TOTAL STAFF: 18	XXX XXX				XXXX XXXX	6,757	1.0	6,757	XXXX XXXX	6,757	XXXXXX XXXXXX
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
PAGE A15 SUBTOTAL	XXX	XXXXX	XXXXX			XXXXX	XXXXX	64,089	132	64,089	132
PAGE A13 SUBTOTAL	XXX	XXXXX	XXXXX			XXXXX	XXXXX	77,798	1,450	77,798	1,450
PAGE A14 SUBTOTAL	XXX	XXXXX	XXXXX			XXXXX	XXXXX	22,203	285	22,203	285
BUILDING TOTAL	XXX	XXXXX	XXXXX			XXXXX	XXXXX	164,090	1,867	164,090	1,867
MS/SEC UTILIZATION (BLDG TOTAL TIMES .9)	XXX	XXXXX	XXXXX	XXXXX		XXXXX	XXXXX	XXXXX	1,680	XXXXXX	1,680

ROOM SCHEDULE ADJUSTMENTS

District/CTC: Peters Township School District	Project Name: Peters Township High School	Grades: 9 - 12
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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	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	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		XXXXXX XXXXXX	
ADJUSTED ELEM CAP	XXX	XXXXX	XXXXX	XXXXX		XXXXX	XXXXX	XXXXX		XXXXXX	
ENR/CAP ADJ FACTOR	XXX	XXXXX	XXXXX	XXXXX	0.9087	XXXXX	XXXXX	XXXXX	0.9087	XXXXXX	0.9087
JUSTIFIED ELEM	XXX	XXXXX	XXXXX	XXXXX		XXXXX	XXXXX	XXXXX		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	XXXXX	XXXXX			XXXXX	XXXXX				
MIDDLE/SECONDARY	XXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXXX	XXXXXX
PROJECT MS/SEC UTIL	XXX	XXXXX	XXXXX			XXXXX	XXXXX	164,090	1,680	164,090	1,680
ENR/CAP ADJ FACTOR	XXX	XXXXX	XXXXX	XXXXX	0.9087	XXXXX	XXXXX	XXXXX	0.9087	XXXXXX	0.9087
JUSTIFIED MS/SEC	XXX	XXXXX	XXXXX	XXXXX		XXXXX	XXXXX	XXXXX	1,527	XXXXXX	1,527
SP ED 660+ SQ FT	25					871	1.0	871	25	871	25
SP ED 660+ SQ FT	25					992	1.0	992	25	992	25
SP ED 660+ SQ FT	25					780	1.0	780	25	780	25
SP ED 660+ SQ FT	25					800	1.0	800	25	800	25
SP ED 660+ SQ FT	25					805	1.0	805	25	805	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	168,338	1,652	168,338	1,652

* 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: Peters Township School District	Project Name: Peters Township High School	Grades: <u>9</u> - <u>12</u>
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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	XXXXX	XXXX			XXXX	XXXX				
ADJUSTED MS/SEC	XXX	XXXXX	XXXX			XXXXX	XXXX	168,338	1,652	168,338	1,652
NATATORIUM *	31	XXXXX	XXXX			XXXX	XXXX	10,538	31	10,538	31
NATATORIUM LOCKER ROOM, DRYING & SHOWER RM - BOYS	XXX	XXXXX	XXXX		XXXXX	XXXX	XXXX	876	XXXXX	876	XXXXXX
NATATORIUM LOCKER ROOM, DRYING & SHOWER RM - GIRLS	XXX	XXXXX	XXXX		XXXXX	XXXX	XXXX	875	XXXXX	875	XXXXXX
DIST ADMIN OFFICE	XXX	XXXXX	XXXX			XXXX	XXXX				
VOCATIONAL	XXX	XXXXX	XXXX			XXXX	XXXX				
PRJT BUILDING TOTAL	XXX	XXXXX	XXXX		XXXXX	XXXX	XXXX	180,627	XXXXX	180,627	XXXXXX

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

COMPARATIVE DESIGN ANALYSIS

District/CTC: Peters Township School District	Project Name: Peters Township High School	Grades: <u>9</u> - <u>12</u>
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SCHEDULED AREA

A. Planned Scheduled Area - Total	_____	+	168,338	=	168,338	sq. ft.
	(A19, ADJ ELEM)		(A19, ADJ MS/SEC)			
B. Recommended Scheduled Area						
1. Adjusted FTE - Total	_____		1,652			
	(A19, ADJ ELEM)		(A19, ADJ MS/SEC)			
2. Recommended Square Feet per student	58		78			
3. Recommended Scheduled Area (B1 times B2)	_____	+	128,856	=	128,856	sq. ft.
C. Difference between Planned and Recommended Scheduled Areas (A minus B3)					39,482	sq. ft.
D. Difference as a Percent of Recommended Scheduled Area (C divided by B3 times 100)			PROVIDE JUSTIFICATION		30.64	%
					(CARRY TO 2 DEC PL)	

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	_____					sq. ft.
	(A10, LINE H)					
2. New/Addition	292,000					sq. ft.
	(A10, LINE G)					
3. Total					292,000	sq. ft.
F. Planned Scheduled Area for Total Building					180,627	sq. ft.
				PROVIDE JUSTIFICATION	(A19, PRJT BLDG TOT)	
G. Planned Architectural Area divided by Planned Scheduled Area (E3 divided by F)					1.617	(CARRY TO 3 DEC PL)

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): _____

FULL TIME EQUIVALENTS CONVERTED TO RATED PUPIL CAPACITY

District/NTST: Peters Township School District	Project Name: Peters Township High School	Grades: 9 - 12
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**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) <small>(ROUND TO 4 DEC PL)</small>	_____		
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)		1,852	
E. LESS: MS Elementary FTE (B-5)		_____	
F-1. TOTAL MIDDLE/SECONDARY FTE (D minus E)	_____ +	1,852	= 1,652
2. Middle/Secondary FTE Reduction (if III < 0%, III times F-1; else 0)	_____	_____	_____
3. Total Middle/Secondary FTE based on Comparative Design Analysis	_____ +	1,852	= 1,652 (FTE)
4. Rated Pupil Capacity Factor			1.1050
5. Middle/Secondary Rated Pupil Capacity (F-3 times F-4)			1,825 (RPC)
G-1. NATATORIUM FTE (A19, NAT)	_____ +	31	= 31
2. Natatorium Rated Pupil Capacity (G-1 times 1.11)			34 (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)	1,683 (FTE)	1,859 (RPC)

VOCATIONAL

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

DISTRICT-WIDE FACILITY STUDY CERTIFICATION

District/CFC: Peters Township School District	Project Name: Peters Township High School	Grades: 9 - 12
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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 Peters Township School District Administration Office

(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: 5/10/2017
(mm/dd/yyyy)

The authors are: Mark P. Duane, Principal, Hayes Design Group - Architects, 100 Ryan Court, Suite 11, Pittsburgh, PA
(INCLUDE NAME, POSITION, SCHOOL DISTRICT OR FIRM NAME & ADDRESS)
D. Richard Fox, Principal, WMF Inc., 3230 West Lake Rd., Erie, PA
(INCLUDE NAME, POSITION, SCHOOL DISTRICT OR FIRM NAME & ADDRESS)

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

STUDY PAGE(S)

- 1-2 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

- 3 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

- 4 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

- 5-8 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

- 9; Ap A & B 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

- 10; Ap C, D, & E 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.)

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