



September 27, 2016

Ms. Polly S. Digon
Board Secretary
Juniata County School District
75 South 7th Street
Mifflintown, PA 17059

RE: PLANCON PART A: PROJECT JUSTIFICATION

PROJECT NO.: 3883
PROJECT BUILDING NAME: Fermanagh Elementary School
TYPE WORK: Additions/Alterations
COUNTY: Juniata
BOARD ACTION: June 18, 2015

Dear Ms. Digon:

The materials for PlanCon Part A, "Project Justification," have been reviewed and approved. This approval is based on a limited review of the documents submitted. If information reviewed subsequent to this approval violates law, policy or procedure, the Department reserves the right to rescind any and all approvals materially affected.

Full time equivalent and rated pupil capacities for this project building are as follows:

	Full Time Equivalent Capacity			Rated Pupil Capacity
	<u>New</u>	<u>Existing</u>	<u>Total</u>	
Elementary	829	205	1034	1331

Please note the corrections to Pages A04, A07, A09, A10, A11, A12, A18, A19, A20, A21, and A22.

Calculations indicate that a public hearing must be held on this construction project in accordance with Act 34 of 1973. Draft copies of the Act 34 hearing advertisement and the project description must be submitted to the Department prior to their publication and public distribution to ensure that all Act 34 of 1973 legal requirements will be met for this project building. Sections 349.12 and 349.13 of the School Building Standards specify the information which must be contained in the notice of public hearing and the project description. We will advise you of the appropriateness of the notice of public hearing and project description as promptly as possible. For a summary of Act 34 requirements, refer to PlanCon Part D, "Project Accounting Based on Estimates," Attachment A, "Act 34 of 1973 Requirements for First Public Hearing."

As a condition of reimbursement, the entire project building must be brought up to prevailing educational and reasonably current construction standards. For alterations to existing structures, reimbursement for roof replacement and asbestos abatement (if applicable) are each limited to twenty percent (20%) of the remaining assignable alteration costs. Reimbursement for site development is limited to ten percent (10%) of adjusted structure costs for new construction; site development costs for existing structures are non-reimbursable. For

all non-vocational projects, reimbursement for movable fixtures and equipment is limited to five percent (5%) of adjusted structure costs; for all vocational projects, reimbursement for movable fixtures and equipment is limited to twenty percent (20%) of adjusted structure costs. Estimated and actual costs for movable fixtures and equipment, and architect's fee thereon, will not be considered for reimbursement until PlanCon Part J, "Project Accounting Based on Final Costs," is processed by the Division of Budget and School Facilities.

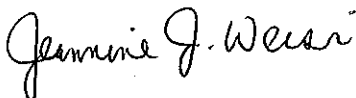
For all projects, a "Prime Contractor Certification" (Page G08) will be required from each prime contractor as part of the PlanCon Part G, "Project Accounting Based on Bids" submission. Specifications should require that such information be provided by the successful bidders.

Section 731 of the Public School Code of 1949 states that no public school building shall be contracted for, constructed, or reconstructed in any school district of the second, third, or fourth class until plans and specifications have been approved by the Department of Education. Departmental approval of final plans and specifications only occurs upon the issuance of written approval of PlanCon Part F, "Construction Documents." For the Philadelphia City and Pittsburgh School Districts, PlanCon Part F must be approved by the Department prior to entering into contracts as a condition of reimbursement eligibility. Failure to comply with the applicable statutory or Departmental requirement will result in denial of reimbursement for this project.

Departmental approval of PlanCon Part F for this project does not guarantee reimbursement for this project. This project will be deemed eligible for reimbursement only upon written approval of PlanCon Part G, "Project Accounting Based on Bids." Calculation of the temporary reimbursable percent for the project's financing occurs at PlanCon Part H, "Project Financing." The permanent reimbursable percent is calculated at PlanCon Part J, "Project Accounting Based on Final Costs."

This document and the appended materials should be entered into the minutes of the next Board meeting. If you have any questions, please contact James Vogel at 717.787.5993.

Sincerely,



Jeannine J. Weiser, Chief
Division of Budget & School Facilities

Attachments

cc: JPD Architects LLC
Architectural Consultant
Project File - 3883
Log (P1635)

PROJECT ACCOUNTING BASED ON ESTIMATES

District/CTC: Juniata County School District	Project Name: Fermanagh Elementary School	Grades: K - 5
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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)	16,021,000	5,302,300	21,323,300
B. ARCHITECT/ENGINEER'S FEE ON STRUCTURE AND EPA-CERTIFIED PROJECT DESIGNER'S FEE ON ASBESTOS ABATEMENT	690,040	269,760	959,800
C. MOVABLE FIXTURES AND EQUIPMENT AND ARCHITECT'S FEE	225,000	150,000	375,000
D. STRUCTURE COSTS, ARCHITECT'S FEE, MOVABLE FIXTURES & EQUIPMENT - TOTAL (A plus B plus C)	16,936,040	5,722,060	22,658,100
E. SANITARY SEWAGE DISPOSAL AND SITE ACQUISITION COSTS	75,000	10,000	85,000
F. STRUCTURE COSTS, ARCHITECT'S FEE, MOVABLE FIXTURES & EQUIPMENT, AND SITE COSTS - TOTAL (D plus E)	17,011,040	5,732,060	22,743,100
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)			2,213,500
H. FINANCING COSTS (INCLUDING UNDERWRITER'S FEE, LEGAL FEES, FINANCIAL ADVISOR, CAPITALIZED INTEREST AND PRINTING)			200,000
I. TOTAL PROJECT COSTS (F plus G plus H)			25,156,600

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DIVISION OF
SCHOOL FACILITIES

per district/architect 8/10/15

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.	2,335,700
K. ASBESTOS ABATEMENT Is asbestos abatement part of this project? If yes, report these costs including EPA-certified project designer fees).	125,000
L. ROOF REPLACEMENT Is roof replacement part of this project? If yes, report these costs including architect fees.	300,000
M. BUILDING PURCHASE AMOUNT	0

** COST INCLUDED (not listed) "EXIST"*

SITE ACQUISITION COSTS	TOTAL
N. SITE ACQUISITION (INCLUDING CONTRACT SALES PRICE OR JUST COMPENSATION, APPRAISAL FEES AND ALLOWABLE SETTLEMENT COSTS)	0

per Architect's 9/20/15 Email

BID DATE	
O. PROPOSED BID OPENING DATE (MM/YY):	** 4/17 April 2016

ELEMENTARY BUILDING CAPACITY

District/CTC: **Juniata County School District** Project Name: **Fermanagh Elementary School** Grades: **K - 5**

		SCHOOL: /Fermanagh-Mifflintown ES			
		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	2	50	6	150
REG CLSRM 660+ SQ FT	25	9	225	35	780
OTHER: _____				34	850
BUILDING TOTAL	XX	XXXXXX	275	XXXXXX	1000

		SCHOOL: / Monroe ES			
		PRESENT		PLANNED	
#3	#4	#5	#6	#3	#4
NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP
1	25	4	100		
9	225	26	650		
		24	600		
XXXXXX	250	XXXXXX	100		

		SCHOOL: /Thompsontown-Delaware ES			
		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	1	25		
REG CLSRM 660+ SQ FT	25	7	175		
OTHER: _____					
BUILDING TOTAL	XX	XXXXXX	200	XXXXXX	

		SCHOOL: / Mountain View ES			
		PRESENT		PLANNED	
#3	#4	#5	#6	#3	#4
NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP
1	25				
7	175				
XXXXXX	200	XXXXXX			

		SCHOOL: / Tuscarora Valley ES			
		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	1	25		
REG CLSRM 660+ SQ FT	25	5	125		
OTHER: _____					
BUILDING TOTAL	XX	XXXXXX	150	XXXXXX	

		SCHOOL: / Lackawanna-Tuscarora ES			
		PRESENT		PLANNED	
#3	#4	#5	#6	#3	#4
NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP
1	25	1	25		
6	150	6	150		
XXXXXX	175	XXXXXX	175		

		SCHOOL: / Fayette ES			
		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	2	50		
REG CLSRM 660+ SQ FT	25	13	325		
OTHER: _____					
BUILDING TOTAL	XX	XXXXXX	375	XXXXXX	

		SCHOOL: / Walker ES			
		PRESENT		PLANNED	
#3	#4	#5	#6	#3	#4
NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP
1	25				
7	175				
XXXXXX	200	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.

O=PC

SUMMARY OF OWNED BUILDINGS AND LAND

District/CTC: Juniata County School District Project Name: Fermanagh Elementary School Grades: K - 5

#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	FTE PROJECTED GRADE LEVEL ENROLLMENT 10 YEARS INTO THE FUTURE	FTE MINUS ENROLLMENT (#9 - #10)
Fermanagh-Mifflintown ES /	1966	11	K-5	275	A & R (8/2018) (B)	11	K-5	1000		
Monroe ES /	1957, 1988	7.5	K-6	250	A & R (8/2018) /	7.5	K-6	700		
Lackawanna-Tuscarora ES /	1959	10	K-5	175	Consolidate MAINTAIN (B)	10	K-5	175		
Mountain View ES /	1958	10.6	K-5	200	Consolidate	10.6				
Tuscarora Valley ES /	1958	9.5	K-5	150	Consolidate	9.5				
Walker ES /	1958	8.4	K-5	200	Consolidate CLOSE 8/18 (*)	8.4			INPUT APPROPRIATE PDE PROJ IN COL. SUBTOTAL	ATE SECTION #10,
Subtotal	XXXXXXXX	XXX	XXXX	4,250	XXXXXXXXXXXXXXXXXXXX	XXX	XXXX	4,000		4,650
Thompstontown-Delaware ES /	1942, 1958	4.4	K-6	200	Consolidate	4.4	K-6		XXXXXXXXXX	XXXXXXXXXX
Fayette ES /	1958, 1987	4.59	K-6	375	Consolidate	4.59			XXXXXXXXXX	XXXXXXXXXX
Subtotal	XXXXXXXX	XXX	XXXX	575	XXXXXXXXXXXXXXXXXXXX	XXX	XXXX		XXXXXXXXXX	XXXXXXXXXX
Tuscarora Jr. High School /	1936, 1991	35.4	6-8	500	Maintain /	35.4	6-8	500	XXXXXXXXXX	XXXXXXXXXX
DAO Building					MAINTAIN (B)				XXXXXXXXXX	XXXXXXXXXX
Subtotal	XXXXXXXX	XXX	XXXX	500	XXXXXXXXXXXXXXXXXXXX	XXX	XXXX		XXXXXXXXXX	XXXXXXXXXX
Juniata High School /	1972	35.4	9-12	719	Maintain /	35.4	9-12	719	XXXXXXXXXX	XXXXXXXXXX
East Juniata High School /	1951, 1982, 1974 (B)	31	7-12	532	Maintain /	31	7-12	532	XXXXXXXXXX	XXXXXXXXXX
Subtotal	XXXXXXXX	XXX	XXXX	1,251	XXXXXXXXXXXXXXXXXXXX	XXX	XXXX		DESCRIPTION OF BOARD ACTIONS REQUIRED BELOW	
TOTAL	XXXXXXXX	XXX	XXXX	5,771	XXXXXXXXXXXXXXXXXXXX	XXX	XXXX	4,000	2,211	1,650

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): (*) per Architect's 9/26/16 Email

ENROLLMENT PROJECTIONS BY GRADE LEVEL

District/CTC: Junata County School District	Project Name: Fermanagh Elementary School	Grades: <u> K - 5 </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>2014 2011</u>	
1. Current District Enrollment For Grades K-12	<u> K - 12</u>	<u>2,898 2996</u>
2. Current Enrollment For Project Building Grades (See instructions for further direction)	<u> K - 5</u>	<u>1,314 2996</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>1,445 3296</u>
B. PDE Enrollment Projections, Dated <u>July 2012</u> Highest Projected Enrollment for Project Grades (See instructions for further direction)		<u>1,314 2946</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>1,445 3296</u>
E. Planned Capacity for Project Grades (A09, Project Grades Subtotal from Col. #9)		<u>1,650 3626</u>
F. Enrollment to Capacity Adjustment Factor (D divided by E)		<u>0.8758 9090</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>80,088</u>	sq. ft.
H. Architectural Area - Existing Structure	<u>25,454</u>	sq. ft.

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SEP 26 2016

(G divided by H times 100)

<u>314.64</u>	%
<small>(ROUND TO 2 DEC PL)</small>	
HEARING REQUIRED	

DIVISION OF SCHOOL FACILITIES

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: Juniata County School District Project Name: Fermanagh Elementary School Grades: K - 5

#1 DIVISION OF SCHOOL FACILITIES NAME OF SPACE		PROJECT PLANNED SPACES - SCHEDULED AREA ONLY										
		EXISTING				NEW				TOTAL		
		#2 UNIT FTE CAP	#3 UNIT AREA SQ FT	#4 NUMBER OF UNITS	#5 TOTAL AREA SQ FT	#6 TOTAL FTE CAP	#7 UNIT AREA SQ FT	#8 NUMBER OF UNITS	#9 TOTAL AREA SQ FT	#10 TOTAL FTE CAP	#11 TOTAL AREA SQ FT	#12 TOTAL FTE CAP
LIBRARY		XXX	1,700	1.0	1,700	XXXX			XXXX	1,700	XXXXX	
HALF-TIME KINDRGRTN		50										
HALF-TIME KINDRGRTN		50										
HALF-TIME KINDRGRTN		50										
FULL-TIME KINDRGRTN		25				1,096	5.0	5,480	125	5,480	125	
FULL-TIME KINDRGRTN		25				1,119	1.0	1,119	25	1,119	25	
FULL-TIME KINDRGRTN		25										
REG CLSRM 660+ SQ FT		25				906	23.0	20,838	575	20,838	575	
REG CLSRM 660+ SQ FT		25				815	1.0	815	25	815	25	
REG CLSRM 660+ SQ FT		25	920	3.0	2,760	75	870	1.0	870	25	3,630	100
REG CLSRM 660+ SQ FT		25	960	1.0	960	25				960	25	
REG CLSRM 660+ SQ FT		25	950	5.0	4,750	125				4,750	125	
REG CLSRM 660+ SQ FT		25										
REG CLSRM 660+ SQ FT		25										
REG CLSRM 660+ SQ FT		25										
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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	543	4.0	2,172	XXXX	2,172	XXXXX
SMALL GROUP <850 SQ FT		XXX				XXXX	460	2.0	920	XXXX	920	XXXXX
LARGE GROUP INS 850+ SQ FT		XXX				XXXX				XXXX		XXXXX
LARGE GROUP INS 850+ SQ FT		XXX				XXXX				XXXX		XXXXX
ALTERNATIVE ED ROOM 660+ SQ FT		XXX				XXXX				XXXX		XXXXX
OTHER: SMALL GROUP			360	1.0	360						360	
OTHER:												
OTHER:												
OTHER:												
OTHER:												
OTHER:												
OTHER:												
PAGE A11 SUBTOTAL		XXX	XXXXXX	XXXXXX	40,530	1225	XXXXX	XXXXXX	32,214	1775	42,744	1,000

ELEMENTARY ROOM SCHEDULE FOR PROJECT BUILDING (2 OF 2)

District/CTC: Juniata County School District Project Name: Fermanagh Elementary School Grades: K - 5

RECEIVED #1 SEP 26 2016 NAME OF SPACE		PROJECT PLANNED SPACES - SCHEDULED AREA ONLY										TOTAL			
		EXISTING				NEW									
		#2 UNIT FTE CAP	#3 UNIT AREA SQ FT	#4 NUMBER OF UNITS	#5 TOTAL AREA SQ FT	#6 TOTAL FTE CAP	#7 UNIT AREA SQ FT	#8 NUMBER OF UNITS	#9 TOTAL AREA SQ FT	#10 TOTAL FTE CAP	#11 TOTAL AREA SQ FT	#12 TOTAL FTE CAP			
COMPUTER ROOM	XXX				XXXX				XXXX				XXXX	XXXXX	
COMPUTER ROOM	XXX				XXXX				XXXX				XXXX	XXXXX	
COMPUTER ROOM	XXX				XXXX				XXXX				XXXX	XXXXX	
ART ROOM	XXX	1,070	1.0	1,070	XXXX				XXXX			1,070	XXXXX		
ART ROOM	XXX				XXXX				XXXX				XXXX	XXXXX	
ART ROOM	XXX				XXXX				XXXX				XXXX	XXXXX	
MUSIC ROOM	XXX	1,106	1.0	1,106	XXXX				XXXX			1,106	XXXXX		
MUSIC ROOM	XXX				XXXX				XXXX				XXXX	XXXXX	
MUSIC ROOM	XXX				XXXX				XXXX				XXXX	XXXXX	
OTHER:	XXX				XXXX				XXXX				XXXX	XXXXX	
OTHER:	XXX				XXXX				XXXX				XXXX	XXXXX	
MULTI-PURPOSE RM	XXX				XXXX	7,950	1.0	7,950	XXXX			7,950	XXXXX		
STAGE/PLATFORM	XXX				XXXX	1,000	1.0	1,000	XXXX			1,000	XXXXX		
LOCKER ROOM, DRYING & SHOWER RM - BOYS	XXX				XXXX	1,070	1.0	1,070	XXXX			1,070	XXXXX		
LOCKER ROOM, DRYING & SHOWER RM - GIRLS	XXX				XXXX	1,070	1.0	1,070	XXXX			1,070	XXXXX		
NATATORIUM	XXX	SEE PAGE A19				SEE PAGE A19				XXXXX	XXXXX				
KITCHEN & STORAGE # OF SERVINGS: 3 MEALS PREPARED PER SERVING: 200	XXX XXX XXX				XXXX XXXX XXXX	2,130	1.0	2,130	XXXX XXXX			2,130	XXXXX XXXXX		
CAFETERIA TO SEAT: 250	XXX XXX				XXXX XXXX	4,000	1.0	4,000	XXXX XXXX			4,000	XXXXX XXXXX		
FACULTY DINING ROOM	XXX	744	1.0	744	XXXX				XXXX			744	XXXXX		
FACULTY ROOM	XXX	539			XXXX	570	3.0	1,710	XXXX			1,710	XXXXX		
HEALTH SUITE (NURSE)	XXX	373	1.0	373	XXXX	539	1.0	539	XXXX			539	XXXXX		
BLDG ADMIN/GUIDANCE TOTAL STAFF: 3	XXX XXX	1744	1.0	760	XXXX XXXX	1744	1.0	984	XXXX XXXX			1,744	XXXXX XXXXX		
OTHER:	XXX				XXXX				XXXX				XXXX	XXXXX	
OTHER:	XXX				XXXX				XXXX				XXXX	XXXXX	
OTHER:	XXX				XXXX				XXXX				XXXX	XXXXX	
OTHER:	XXX				XXXX				XXXX				XXXX	XXXXX	
PAGE A12 SUBTOTAL	XXX	XXXXX	XXXXX	4,053	XXXX	XXXXX	XXXXX	20,080	XXXX			24,133	XXXXX		
PAGE A11 SUBTOTAL	XXX	XXXXX	XXXXX	40,530	225	XXXXX	XXXXX	32,214	775			42,744	1,000		
BUILDING TOTAL	XXX	XXXXX	XXXXX	14,583	225	XXXXX	XXXXX	52,294	775			66,877	1,000		

ROOM SCHEDULE ADJUSTMENTS

District/CTC: **Juniata County School District** Project Name: **Fermanagh Elementary School** Grades: **K - 5**

RECEIVED #1 SEP 26 2010 NAME OR SPACE OF		PROJECT PLANNED SPACES - SCHEDULED AREA ONLY									
		EXISTING				NEW				TOTAL	
		#3 UNIT AREA SQ FT	#4 NUMBER OF UNITS	#5 TOTAL AREA SQ FT	#6 TOTAL PTE CAP	#7 UNIT AREA SQ FT	#8 NUMBER OF UNITS	#9 TOTAL AREA SQ FT	#10 TOTAL PTE CAP	#11 TOTAL AREA SQ FT	#12 TOTAL PTE CAP
ELEMENTARY	XXX	XXXXX	XXXXX	XXXXX	XXXX	XXXXX	XXXXX	XXXXX	XXXX	XXXXXX	XXXXXX
PROJECT ELEM CAP	XXX	XXXXX	XXXXX	14,583	'225	XXXXX	XXXXX	'52,294	'775	66,877	'1,000
KINDERGARTEN DEDUCT FOR HALF-TIME PRGM	-25	XXXXX XXXXX	14640	XXXXX XXXXX		XXXXX XXXXX		XXXXX XXXXX	66934	XXXXXX XXXXXX	
ADJUSTED ELEM CAP	XXX	XXXXX	XXXXX	XXXXX	'225	XXXXX	XXXXX	XXXXX	775	XXXXXX	'1,000
ENR/CAP ADJ FACTOR	XXX	XXXXX	XXXXX	XXXXX	0.8758	XXXXX	XXXXX	XXXXX	0.8758	XXXXXX	0.8758
JUSTIFIED ELEM	XXX	XXXXX	XXXXX	XXXXX	197	XXXXX	XXXXX	XXXXX	875	XXXXXX	875
REG PRE-SCHOOL 660+*	25				205		.9092		1704		909
SP ED PRE-SCHOOL 660+*	25										
SP ED 660+ SQ FT	25					906	4.0	3,624	100	3,624	100
SP ED 660+ SQ FT	25					1,119	1.0	1,119	25	1,119	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				XXXX				XXXX		XXXXXX
SP ED < 401 SQ FT	XXX				XXXX				XXXX		XXXXXX
SP ED < 401 SQ FT	XXX			14640	XXXX	-205		329	XXXX	71677	XXXXXX
ADJUSTED ELEMENTARY	XXX	XXXXX	XXXXX	14,583	187	XXXXX	XXXXX	'57,037	'804	64,020	'1,001
MIDDLE/SECONDARY	XXX	XXXXX	XXXXX	XXXXX	XXXX	XXXXX	XXXXX	XXXXX	XXXX	XXXXXX	XXXXXX
PROJECT MS/SEC UTIL	XXX	XXXXX	XXXXX			XXXXX	XXXXX				1034
ENR/CAP ADJ FACTOR	XXX	XXXXX	XXXXX	XXXXX	0.8758	XXXXX	XXXXX	XXXXX	0.8758	XXXXXX	0.8758
JUSTIFIED MS/SEC	XXX	XXXXX	XXXXX	XXXXX		XXXXX	XXXXX	XXXXX		XXXXXX	
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				XXXX				XXXX		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				

* 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: **Juniata County School District** Project Name: **Fermanagh Elementary School** Grades: **K - 5**

		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	14,583	205,187	XXXX	XXXX	57,037	829,804	71,620	1,100		
ADJUSTED MS/SEC	XXX	XXXXXX	XXXX	14,640		XXXXXX	XXXX			71,677	1,034		
NATATORIUM *		XXXXXX	XXXX			XXXX	XXXX						
NATATORIUM LOCKER ROOM, DRYING & SHOWER RM - BOYS	XXX XXX	XXXXXX XXXXXX	XXXX XXXX		XXXXXX XXXXXX XXXXXX	XXXX XXXX XXXX	XXXX XXXX		XXXXXX XXXXXX XXXXXX		XXXXXX XXXXXX XXXXXX		
NATATORIUM LOCKER ROOM, DRYING & SHOWER RM - GIRLS	XXX XXX	XXXXXX XXXXXX	XXXX XXXX		XXXXXX XXXXXX XXXXXX	XXXX XXXX XXXX	XXXX XXXX		XXXXXX XXXXXX XXXXXX		XXXXXX XXXXXX XXXXXX		
DIST ADMIN OFFICE	XXX	XXXXXX	XXXX	1,100		XXXX	XXXX	-000		2,000			
VOCATIONAL	XXX	XXXXXX	XXXX			XXXX	XXXX						
PRJT BUILDING TOTAL	XXX	XXXXXX	XXXX	15,743	XXXXXX	XXXX	XXXX	57,037	XXXXXX	73,680	XXXXXX		
				14640				57037		71677			

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

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COMPARATIVE DESIGN ANALYSIS

District/CTC: Junjata County School District	Project Name: Fermanagh Elementary School	Grades: <u> K - 5 </u>
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SCHEDULED AREA

A. Planned Scheduled Area - Total	<u>71,020 71677</u> ⁺	(A19, ADJ ELEM)	/	(A19, ADJ MS/SEC)	=	<u>71020</u>	sq. ft.
						<u>71677</u>	
B. Recommended Scheduled Area							
1. Adjusted FTE - Total	<u>4,007 1034</u>	(A19, ADJ ELEM)	/	(A19, ADJ MS/SEC)			
2. Recommended Square Feet per student	58			78			
3. Recommended Scheduled Area (B1 times B2)	<u>59972</u>		+			<u>58,058</u>	sq. ft.
	58,058						
C. Difference between Planned and Recommended Scheduled Areas (A minus B3)						<u>11705</u>	sq. ft.
						13,562	
D. Difference as a Percent of Recommended Scheduled Area (C divided by B3 times 100)					PROVIDE JUSTIFICATION	<u>19.52</u>	%
						23.36	
						(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): _____

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ARCHITECTURAL TO SCHEDULED AREA

E. Planned Architectural Area for Total Building							
1. Existing	<u>25,454</u>	(A10, LINE H)	/				sq. ft.
2. New/Addition	<u>80,088</u>	(A10, LINE G)					sq. ft.
3. Total						<u>105,542</u>	sq. ft.
F. Planned Scheduled Area for Total Building						<u>71677 73,680</u>	sq. ft.
						(A19, PRJT BLDG TOT)	
G. Planned Architectural Area divided by Planned Scheduled Area (E3 divided by F)						<u>1.472 7432</u>	
						(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
- LARGER THAN NORMAL STORAGE AREAS
- OTHER (DESCRIBE): _____
- SINGLE-LOADED CORRIDORS
- LARGER THAN NORMAL STAIRWAYS

20% RULE FOR ALTERATION COSTS FOR NON-VOCATIONAL PROJECTS

District/CTC: Juniata County School District	Project Name: Fermanagh Elementary School	Grades: K - 5
--	---	-------------------------

A. Estimated Alteration Costs			\$ <u>5,732,060</u> <small>(A04, Line F-EXIST)</small>
B- 1. Movable Fixtures & Equipment and Architect's Fee	\$ <u>150,000</u>		<small>(A04, Line C-EXIST)</small>
2. Site Development and Architect's Fee	\$ <u>2,335,700</u>		<small>(A04, Line J-EXIST)</small>
3. Asbestos Abatement and EPA-Certified Designer's Fee	\$ <u>125,000</u>		<small>(A04, Line K-EXIST)</small>
4. Roof Replacement and Architect's Fee	\$ <u>300,000</u>		<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)			\$ <u>2,910,700</u>
C. Adjusted Estimated Alteration Costs (line A minus line B-6)			\$ <u>2,821,360</u>
D- 1. Adjusted FTE	<u>487205</u>		
	<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)	<u>48,124</u>	+	<u>188600</u> = <u>48,124</u> sq. ft.
E. Median Construction Cost Per Square Foot			\$174
F. Replacement Costs (D-3 times E)			\$ <u>3,153,576</u> <u>3,281,640</u>
G. 20% Rule (F times .20)			\$ <u>630,715</u> <u>656,328</u>

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.

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FULL TIME EQUIVALENTS CONVERTED TO RATED PUPIL CAPACITY

District/AVTS:
Juniata County School District

Project Name:
Fermanagh Elementary School

Grades:
K - 5

**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)	<u>205</u> 197	<u>829</u> 804	
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)	<u>205</u> 197	+	<u>829</u> 804 = <u>1034</u> 1001
2. Elementary FTE Reduction (if III < 0%, III times C-1; else 0)	_____		
3. Total Elementary FTE based on Comparative Design Analysis	<u>205</u> 197	+	<u>829</u> 804 = <u>1034</u> (FTE)
4. Rated Pupil Capacity Factor			<u>1.2938</u> 1.2868
5. Elementary Rated Pupil Capacity (C-3 times C-4)			<u>1295</u> 1331 (RPC)

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SECONDARY

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

VOCATIONAL

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



September 28, 2016

Ms. Polly S. Digon
Board Secretary
Juniata County School District
75 South 7th Street
Mifflintown, PA 17059

RE: PLANCON PART B: SCHEMATIC DESIGN

PROJECT NO.: 3883
PROJECT BUILDING NAME: Fermanagh Elementary School
TYPE WORK: Additions/Alterations
COUNTY: Juniata

Dear Ms. Digon:

The materials for PlanCon Part B, "Schematic Design," have been reviewed for the general overall organization and relationships of the spaces, circulation patterns, and the utilization and adequacy of the site. The Schematic Design of the project is approved subject to further refinement in preparation for PlanCon Part E, "Design Development".

This approval is based on a limited review of the documents submitted. If information reviewed subsequent to this approval violates law, policy or procedure, the Department reserves the right to rescind any and all approvals materially affected.

You are advised that in all school buildings erected after May 1, 1925, or buildings leased or used for school purposes, all entrance and exit doors, as well as all doors leading to or from all regular, special, or general rooms, shall open outward, in accordance with 24 P.S. § 7-739.

Where exterior walkways will abut the building, window swings onto these walkways should be evaluated further in order to eliminate the possibility of a person hitting a window in an open position.

Consideration should be given to provide the Nurse's Suite with day lighting.

Section 731 of the Public School Code of 1949 states that no public school building shall be contracted for, constructed, or reconstructed, in any school district of the second, third, or fourth class until plans and specifications have been approved by the Department of Education. Departmental approval of final plans and specifications only occurs upon the issuance of written approval of PlanCon Part F, "Construction Documents." For the Philadelphia City and Pittsburgh School Districts, PlanCon Part F must be approved by the Department prior to entering into contracts for a school construction project to qualify for state reimbursement. Failure to comply with the applicable statutory or Departmental requirement will result in denial of reimbursement for this project.

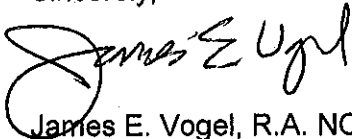
The district should be aware that Departmental approval of PlanCon Part F for this project does not guarantee reimbursement for this project. This project will be deemed eligible for reimbursement only upon written approval of PlanCon Part G, "Project

Ms. Digon
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September 28, 2016

Accounting Based on Bids.” Calculation of the temporary reimbursable percent for the project's financing occurs at PlanCon Part H, “Project Financing.” The permanent reimbursable percent is calculated at PlanCon Part J, “Project Accounting Based on Final Costs.”

This document should be entered into the minutes of the next board meeting.

Sincerely,

A handwritten signature in black ink, appearing to read "James E. Vogel". The signature is fluid and cursive, with the first name "James" being the most prominent.

James E. Vogel, R.A. NCARB
Architectural Consultant
Division of Budget & School Facilities

cc: JPD Architects LLC
Project File - 3883
Architectural File
Log