

PART F: CONSTRUCTION DOCUMENTS
BOARD TRANSMITTAL (1 of 2)

DISTRICT/CTC: Plum Borough School District COUNTY: Allegheny
 PRJT BLDG NAME: New Elementary School PROJECT #: 3608

The architectural firm for this project is: L.R. Kimball / CDI
 The architect to be contacted if there are any questions about Part F is:

Steven Ackerman, AIA 412-201-4900 412-201-2338
Architect's Name and Position Phone Number Fax Number
 The architectural firm's address is: Frick Building, Suite 812, 437 Grant Street, Pittsburgh, PA 15219
 The architect's e-mail address is: steven.ackerman@lrkimball.com

The district/CTC administrator to be contacted about Part F is:
Dr. Timothy Glasspool, Superintendent 412-795-0100 412-798-6396
District/CTC Administrator's Name and Position Phone Number Fax Number

The SD/CTC administrator's e-mail address is: glasspoolt@pbsd.k12.pa.us

This certifies that the attached materials were approved for submission to the Pennsylvania Department of Education by board action. This also certifies that the architect has been directed to insure that all plans related to this project conform to generally accepted codes or guidelines as set forth in Section 349.16 of the Department of Education Standards.

BOARD ACTION DATE: _____

VOTING: AYE _____ NAY _____ ABSTENTIONS _____ ABSENT _____

Signature, Board Secretary Board Secretary's Name, Printed or Typed
900 Elicker Road, Plum, PA 15239
District/CTC Address Date

UPDATED FORMS AND RELATED INFORMATION

ALL PRJTS	PAGE #	
<u>X</u>	F03	Enrollment Projections by Grade level
<u>X</u>	F04-F05	Elementary Room Schedule for Project Building
<u>N/A</u>	F06-F08	Middle/Secondary Room Schedule for Project Building
<u>N/A</u>	F09	Central District Administration Office
<u>N/A</u>	F10	Vocational Room Schedule for Project Building
<u>X</u>	F11	Room Schedule Adjustments
<u>X</u>	F12	Project Full Time Equivalents
<u>X</u>	F13	Comparative Design Analysis
<u>X</u>	F14	Full Time Equivalents Converted to Rated Pupil Capacity
<u>N/A</u>	F15	Certificate of Ownership (if applicable)
<u>X</u>	F16	Project Building Characteristics
<u>X</u>	F17	Construction Specification Requirements
<u>X</u>	F18	Rough Grading to Receive the Building
<u>X</u>	F19	Sanitary Sewage Disposal
<u>X</u>	F20	Certification in Lieu of Agency Approvals, Permits & Service Availability Letters
<u>X</u>		Letter or Equivalent Written Certification from Municipality of Project's Conformance with Applicable Comprehensive Plan and Zoning Ordinances (if applicable)
<u>X</u>		Letter or Equivalent Written Certification from County Planning Agency of Project's Conformance with Applicable Comprehensive Plan and Zoning Ordinances (if applicable)
<u>X</u>		A Separate Floor Plan Drawing Identifying Spaces Listed on Room Schedule with Calculated Area Noted Therein and Perimeter of Each Scheduled Area Clearly Marked in a Contrasting Color
		Board Response to Part E, Design Development, Comments From PDE's Architect Requiring Board Response (if applicable)
		EPA/DOE Target Finder "Statement of Energy Design Intent"

(CONTINUED ON THE NEXT PAGE)

PART F: CONSTRUCTION DOCUMENTS
BOARD TRANSMITTAL (2 of 2)

DISTRICT/CTC: Plum Borough School District COUNTY: Allegheny
PRJT BLDG NAME: New Elementary School PROJECT #: 3608

<u>X</u>	Construction Specifications			
<u>X</u>	Project's Prime Contracts:			
<u>X</u>	General	<u>X</u>	Plumbing	Asbestos Abatement
<u>X</u>	HVAC	<u>x</u>	Electrical	Educational Technology
	Other:		Other:	Other:
	Other:		Other:	Other:
<u>X</u>	Project Site Plan Drawing			
<u>X</u>	Project Building Floor Plan Drawings			
<u>X</u>	Roof Plan Drawings			
<u>X</u>	Building Elevation Drawings			
<u>X</u>	Building, Wall Sections and Detail Drawings			
<u>X</u>	Room and Equipment Layout for the Library			
<u>X</u>	Room and Equipment Layout for a Typical Classroom			
<u>X</u>	Room and Equipment Layout for Science Classrooms			
<u>X</u>	Room and Equipment Layout for Art and Music Rooms			
	Room and Equipment Layout for Family/Consumer Science			
	Room and Equipment Layout for Technology Labs / Industrial Arts Shop			
<u>X</u>	Room and Equipment Layout for the Kitchen and Cafeteria			
<u>X</u>	Room and Equipment Layout for the Administrative, Guidance and Health Suite			
<u>X</u>	Structural Drawings			
<u>X</u>	Plumbing Drawings			
<u>X</u>	HVAC Drawings			
<u>X</u>	Electrical Drawings			
	Sewage Treatment System Drawings			
	Asbestos Abatement Plan Drawings and Specifications (If applicable)			

AGENCY APPROVALS/RECOMMENDATIONS

Page F20 certifies that all applicable agency reviews and approvals have or will be obtained prior to entering into construction contracts.

PDE USE ONLY

Bid Opening Date: _____
(MM/DD/YY)

Basis of Award: Base Bid ____ Base Bid plus Accepted Alternates ____

_____	Owner Controlled Insurance Program:
	Quote Method ____ Bid Alternate ____ Base Bid ____ Other ____
_____	Asbestos Abatement
_____	Combined Bid
_____	Bid Alternates affecting capacity or area
_____	Demolition of Entire Existing Building
_____	Project to Be Constructed and Based on approved School Design Clearinghouse design
_____	LEED Silver, Gold or Platinum <u>or</u> two, three or four Green Globes certification
_____	QSCB/QZAB Funded
_____	Bid Breakouts
_____	Other: _____

District/CTC: Plum Borough School District	Project Name: New Elementary School	Grades: <div style="text-align: center;">K - 6</div>
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ENROLLMENT PROJECTIONS FOR PROJECT BUILDING GRADES

A. Current Elementary/Secondary Public Enrollment For October 4025
 ("October 1 Enrollment, Low Income, and LEP Data Profile and ACS" PIMS Report)

1. Current District Enrollment For Grades K-12		3,999	
2. Current Enrollment For Project Building Grades	K - 6	1,958	
3. Current Enrollment For Project Building Grades + 10% <u>or</u> 15% (A-2 times 1.10 For Districts With Total Enrollment > 1500 <u>or</u> A-2 times 1.15 For Districts With Total Enrollment =< 1500)		2,154	

B. PDE Enrollment Projections, Dated July 2011
 Highest Projected Enrollment for Project Grades 2,070
 (refer to Part A instructions for further direction)

C. District Projected Enrollment
 Source Document(s), Date Prepared and Page Number(s):

D. Highest Projected Enrollment (highest of A3, B or C) 2,154
 If this project's Highest Projected Enrollment (line D) is based on district-generated enrollment projections (line C), provide the projections and supporting documentation.

E. Planned Capacity for Project Grades (list all buildings, including this project building, with any of the same grades, i.e. if the project building houses grades K-6, list all buildings which house 1st, 2nd, 3rd, 4th, 5th or 6th grade, or kindergarten). See the Part F instructions for additional information about calculating the Planned Building FTE.

<u>Building Name</u>	<u>PDE Project #, if applicable</u>	<u>Planned Building FTE</u>
New Holiday Park Elementary School	3608	725
New Pivik Elementary School	3584	725
Center Elementary School		525
Regency Park Elementary School		350
Planned Capacity Total:		2,325

F. Enrollment to Capacity Adjustment (D divided by E, Total) 0.9265
(ROUND TO 4 DEC PL;
MAXIMUM = 1.0000)

ELEMENTARY ROOM SCHEDULE FOR PROJECT BUILDING (1 OF 2)

District/CTC: Plum Borough School District	Project Name: New Elementary School	Grades: <u> K </u> - <u> 6 </u>
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		PROJECT PLANNED SPACES - SCHEDULED AREA ONLY									
		EXISTING				NEW				TOTAL	
		#3	#4	#5	#6	#7	#8	#9	#10	#11	#12
#1	#2	UNIT	NUMBER	TOTAL	TOTAL	UNIT	NUMBER	TOTAL	TOTAL	TOTAL	TOTAL
NAME OF SPACE	FTE	AREA	OF	AREA	FTE	AREA	OF	AREA	FTE	AREA	FTE
	CAP	SQ FT	UNITS	SQ FT	CAP	SQ FT	UNITS	SQ FT	CAP	SQ FT	CAP
LIBRARY	XXX				XXXX	1,679	1.0	1,679	XXXX	1,679	XXXXX
HALF-TIME KINDRGRTN	50										
HALF-TIME KINDRGRTN	50										
HALF-TIME KINDRGRTN	50										
FULL-TIME KINDRGRTN	25					920	4.0	3,680	100	3,680	100
FULL-TIME KINDRGRTN	25										
FULL-TIME KINDRGRTN	25										
REG CLSRM 660+ SQ FT	25					800	24.0	19,200	600	19,200	600
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 F11				SEE PAGE F11				XXXXXX	XXXXX
SMALL GROUP <850 SQ FT	XXX				XXXX	551	2.0	1,102	XXXX	1,102	XXXXX
SMALL GROUP <850 SQ FT	XXX				XXXX	564	2.0	1,128	XXXX	1,128	XXXXX
LARGE GROUP INS 850+ SQ FT	XXX				XXXX				XXXX		XXXXX
LARGE GROUP INS 850+ SQ FT	XXX				XXXX				XXXX		XXXXX
ALTERNATIVE ED ROOM	XXX				XXXX				XXXX		XXXXX
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
PAGE F04 SUBTOTAL	XXX	XXXXX	XXXXX			XXXXX	XXXXX	26,789	700	26,789	700

ELEMENTARY ROOM SCHEDULE FOR PROJECT BUILDING (2 OF 2)

District/CTC: Plum Borough School District	Project Name: New Elementary School	Grades: <u> K </u> - <u> 6 </u>
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		PROJECT PLANNED SPACES - SCHEDULED AREA ONLY									
		EXISTING				NEW				TOTAL	
		#3	#4	#5	#6	#7	#8	#9	#10	#11	#12
#1	#2										
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
COMPUTER ROOM	XXX				XXXX	875	1.0	875	XXXX	875	XXXXX
COMPUTER ROOM	XXX				XXXX				XXXX		XXXXX
COMPUTER ROOM	XXX				XXXX				XXXX		XXXXX
ART ROOM	XXX				XXXX	907	1.0	907	XXXX	907	XXXXX
ART ROOM	XXX				XXXX				XXXX		XXXXX
ART ROOM	XXX				XXXX				XXXX		XXXXX
MUSIC ROOM	XXX				XXXX	905	2.0	1,810	XXXX	1,810	XXXXX
MUSIC ROOM	XXX				XXXX				XXXX		XXXXX
MUSIC ROOM	XXX				XXXX				XXXX		XXXXX
OTHER: _____	XXX				XXXX				XXXX		XXXXX
OTHER: _____	XXX				XXXX				XXXX		XXXXX
MULTI-PURPOSE RM	XXX				XXXX	2,955	1.0	2,955	XXXX	2,955	XXXXX
STAGE/PLATFORM	XXX				XXXX	725	1.0	725	XXXX	725	XXXXX
LOCKER ROOM, DRYING & SHOWER RM - BOYS	XXX				XXXX				XXXX		XXXXX
LOCKER ROOM, DRYING & SHOWER RM - GIRLS	XXX				XXXX				XXXX		XXXXX
NATATORIUM	XXX	SEE PAGE F12				SEE PAGE F12				XXXXX	XXXXX
KITCHEN & STORAGE	XXX				XXXX				XXXX		XXXXX
# OF SERVINGS: <u> 3 </u>	XXX				XXXX				XXXX		XXXXX
MEALS PREPARED PER	XXX				XXXX	2,139	1.0	2,139	XXXX	2,139	XXXXX
SERVING: <u> 220 </u>	XXX				XXXX				XXXX		XXXXX
CAFETERIA	XXX				XXXX				XXXX		XXXXX
TO SEAT: _____	XXX				XXXX				XXXX		XXXXX
FACULTY DINING ROOM	XXX				XXXX				XXXX		XXXXX
FACULTY ROOM	XXX				XXXX	551	1.0	551	XXXX	551	XXXXX
HEALTH SUITE(NURSE)	XXX				XXXX	752	1.0	752	XXXX	752	XXXXX
BLDG ADMIN/GUIDANCE	XXX				XXXX				XXXX		XXXXX
TOTAL STAFF: _____	XXX				XXXX	2,498	1.0	2,498	XXXX	2,498	XXXXX
OTHER: Faculty	XXX				XXXX	340	1.0	340	XXXX	340	XXXXX
OTHER: Gymnasium	XXX				XXXX	6,534	1.0	6,534	XXXX	6,534	XXXXX
OTHER: _____	XXX				XXXX				XXXX		XXXXX
OTHER: _____	XXX				XXXX				XXXX		XXXXX
OTHER: _____	XXX				XXXX				XXXX		XXXXX
OTHER: _____	XXX				XXXX				XXXX		XXXXX
PAGE F05 SUBTOTAL	XXX	XXXXX	XXXXX		XXXX	XXXXX	XXXXX	20,086	XXXX	20,086	XXXXX
PAGE F04 SUBTOTAL	XXX	XXXXX	XXXXX			XXXXX	XXXXX	26,789	700	26,789	700
BUILDING TOTAL	XXX	XXXXX	XXXXX			XXXXX	XXXXX	46,875	700	46,875	700

ROOM SCHEDULE ADJUSTMENTS											
District/CTC: Plum Borough School District				Project Name: New Elementary School						Grades: K - 6	
		PROJECT PLANNED SPACES - SCHEDULED AREA ONLY									
		EXISTING				NEW				TOTAL	
#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12
NAME OF SPACE	UNIT FTE CAP	UNIT AREA SQ FT	NUMBER OF UNITS	TOTAL AREA SQ FT	TOTAL FTE CAP	UNIT AREA SQ FT	NUMBER OF UNITS	TOTAL AREA SQ FT	TOTAL FTE CAP	TOTAL AREA SQ FT	TOTAL FTE CAP
ELEMENTARY	XXX	XXXXX	XXXXX	XXXXX	XXXX	XXXXX	XXXXX	XXXXX	XXXX	XXXXXX	XXXXXX
PROJECT ELEM CAP	XXX	XXXXX	XXXXX			XXXXX	XXXXX	46,875	700	46,875	700
KINDERGARTEN DEDUCT FOR HALF-TIME PRGM	-25	XXXXX XXXXX		XXXXX XXXXX		XXXXX XXXXX		XXXXX XXXXX		XXXXXXX XXXXXXX	
ADJUSTED ELEM CAP	XXX	XXXXX	XXXXX	XXXXX		XXXXX	XXXXX	XXXXX	700	XXXXXXX	700
ENR/CAP ADJ FACTOR	XXX	XXXXX	XXXXX	XXXXX	0.9265	XXXXX	XXXXX	XXXXX	0.9265	XXXXXXX	0.9265
JUSTIFIED ELEM	XXX	XXXXX	XXXXX	XXXXX		XXXXX	XXXXX	XXXXX	649	XXXXXXX	649
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	**					551	1.0	551	25	551	25 (MAX=25)
SP ED RESOURCE ROOM > 400 SQ FT	XXX XXX				XXXX XXXX	324	1.0	324	XXXX XXXX	324	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	47,750	674	47,750	674
MIDDLE/SECONDARY	XXX	XXXXX	XXXXX	XXXXX	XXXX	XXXXX	XXXXX	XXXXX	XXXX	XXXXXX	XXXXXX
PROJECT MS/SEC UTIL	XXX	XXXXX	XXXXX			XXXXX	XXXXX				
ENR/CAP ADJ FACTOR	XXX	XXXXX	XXXXX	XXXXX	0.9265	XXXXX	XXXXX	XXXXX	0.9265	XXXXXX	0.9265
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 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				

* 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 or Part F.

** 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: Plum Borough School District				Project Name: New Elementary School						Grades: K - 6	
		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	XXXXX			XXXXX	XXXXX	47,750	674	47,750	674
ADJUSTED MS/SEC	XXX	XXXXX	XXXXX			XXXXX	XXXXX				
NATATORIUM *		XXXXX	XXXXX			XXXXX	XXXXX				
NATATORIUM LOCKER ROOM, DRYING & SHOWER RM - BOYS	XXX XXX	XXXXX XXXXX	XXXXX XXXXX		XXXXX XXXXX	XXXXX XXXXX	XXXXX XXXXX		XXXXX XXXXX		XXXXXX XXXXXX
NATATORIUM LOCKER ROOM, DRYING & SHOWER RM - GIRLS	XXX XXX	XXXXX XXXXX	XXXXX XXXXX		XXXXX XXXXX	XXXXX XXXXX	XXXXX XXXXX		XXXXX XXXXX		XXXXXX XXXXXX
DIST ADMIN OFFICE	XXX	XXXXX	XXXXX			XXXXX	XXXXX				
VOCATIONAL	XXX	XXXXX	XXXXX			XXXXX	XXXXX				
PRJT BUILDING TOTAL	XXX	XXXXX	XXXXX		XXXXX	XXXXX	XXXXX	47,750	XXXXX	47,750	XXXXXX
* REFER TO THE PART A INSTRUCTIONS TO DETERMINE IF CAPACITY SHOULD BE ASSIGNED.											
PLANNED ARCHITECTURAL AREA FOR TOTAL BUILDING											
<p>For the purpose of determining square footage for a construction project in applying for a referendum exception under Special Session Act 1 of 2006, Section 333 (f)(2)(iii)(C), academic secondary square footage includes secondary and vocational architectural area. For academic buildings housing both elementary and secondary grades, assign architectural area for the entire academic building based on the room schedule(s) completed for this project.</p> <p>If a room schedule includes spaces for both elementary and secondary, then the architectural area must be prorated based on the number of elementary and secondary grades. For example, for a middle school housing sixth, seventh and eighth grades, one-third of the architectural area for the entire academic building would be reported as elementary and two-thirds as secondary. For a K-12 building with elementary (K-5) and middle/secondary (6-12) room schedules completed, the architectural area for all of the spaces on the elementary room schedule <u>plus</u> the prorated architectural area for sixth grade included on the middle/secondary room schedule would be reported as elementary.</p> <p>If there any questions, contact the Division of School Facilities for further direction.</p>											
PLANNED ARCHITECTURAL AREA (NEW <u>PLUS</u> EXISTING)											
ELEMENTARY						_____ sq. ft.					
SECONDARY (INCLUDING VOCATIONAL)						_____ sq. ft.					
NATATORIUM						_____ sq. ft.					
DISTRICT ADMINISTRATION OFFICE						_____ sq. ft. PRJT BLDG TOTAL					
DAY CARE/PRE-SCHOOL (NONACADEMIC)						_____ sq. ft. MUST EQUAL					
NON-DISTRICT USE (HEALTH CLINIC, PUBLIC LIBRARY, ETC.)						_____ sq. ft. F13, LINE E-3					
PROJECT BUILDING TOTAL (MUST EQUAL F13, LINE E-3)						_____ sq. ft. CHECK ARCH AREAS					

FULL TIME EQUIVALENTS CONVERTED TO RATED PUPIL CAPACITY				
District/AVTS:	Project Name:	Grades: _____ - _____		
COMPARATIVE DESIGN ANALYSIS ADJUSTMENT - ONLY COMPLETE THIS SECTION IF F13, LINE D IS LESS THAN -10%				
I. DIFFERENCE AS PERCENT OF RECOMMENDED SCHEDULED AREA (only enter F13, line D if value is less than -10%)		_____		
II. MINIMUM VARIANCE (F13)		-10.00%		
III. DIFFERENCE		_____		
ELEMENTARY				
A. ADJUSTED ELEMENTARY FTE (F12, ADJ ELEM)	EXISTING _____		NEW 674	TOTAL
B. MIDDLE/SECONDARY SCHOOL ELEMENTARY FTE (Use this section for schools with both elementary <u>and</u> secondary grades on the Middle/Secondary Room Schedule)				
1. Number of Elementary Grades (K-6) on the Middle/Secondary Room Schedule (Pages F06-F08)	_____			
2. Total Number of Grades (K-12) on the Middle/Secondary Room Schedule (Pages F06-F08)	_____			
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 (F12, 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)	_____	+	674	= 674
2. Elementary FTE Reduction (if III < 0%, III times C-1; else 0)	_____		_____	_____
3. Total Elementary FTE based on Comparative Design Analysis	_____	+	674	= 674 (FTE)
4. Rated Pupil Capacity Factor				1.3631
5. Elementary Rated Pupil Capacity (C-3 times C-4)				919 (RPC)
SECONDARY				
D. ADJUSTED MIDDLE/SECONDARY FTE (F12, 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 (F12, NAT)	_____	+	_____	= _____
2. Natatorium Rated Pupil Capacity (G-1 times 1.11)				_____ (RPC)
H-1. CENTRAL DISTRICT ADMIN OFFICE FTE (F12, DAO)	_____	+	_____	= _____
2. DAO Rated Pupil Capacity (H-1 times 1.11)				_____ (RPC)
I. TOTAL SECONDARY (F-5 plus G-2 and H-2)	_____		_____	_____
	(FTE)		(FTE)	(RPC)
VOCATIONAL				
J. VOCATIONAL	_____	X	_____	= _____
	(F10, VOC FTE)		(RPC FACTOR)	(RPC)

PROJECT INFORMATION					
District/CTC:	Project Name:			Project #:	
Plum Borough School District	New Elementary School			3608	
HEATING, VENTILATING AND AIR CONDITIONING					
HEATING:	<input checked="" type="checkbox"/> Hot Water	<input type="checkbox"/> Steam	<input type="checkbox"/> Air	<input type="checkbox"/> Radiant	
	<input type="checkbox"/> Other: _____				
Energy Source -	<input type="checkbox"/> Oil	<input checked="" type="checkbox"/> Gas	<input checked="" type="checkbox"/> Electric	<input type="checkbox"/> Geothermal	
	<input type="checkbox"/> Other: _____				
VENTILATING:	<input checked="" type="checkbox"/> Mechanical - Describe the system and indicate its location: Unit ventilators or air handling units for all occupied spaces				
	<input checked="" type="checkbox"/> Natural - Describe: Operable windows in all occupied spaces				
Energy Source -	<input type="checkbox"/> Oil	<input type="checkbox"/> Gas	<input checked="" type="checkbox"/> Electric	<input type="checkbox"/> Geothermal	
	<input type="checkbox"/> Other: _____				
AIR CONDITIONING:	<input type="checkbox"/> Entire Project Building				
	<input checked="" type="checkbox"/> Limited Areas of the Project Building - Describe: Administration Office, Library, Computer Room / Add Alternate to AC entire building				
Energy Source -	<input type="checkbox"/> Oil	<input type="checkbox"/> Gas	<input type="checkbox"/> Electric	<input type="checkbox"/> Geothermal	
	<input type="checkbox"/> Other: _____				
PLUMBING					
WATER SYSTEM:					
<input checked="" type="checkbox"/>	Connection to Public System	<input type="checkbox"/>	On-Site Water System	Permit Expiration Date:	(MM-YYYY)
SANITARY SEWAGE SYSTEM:					
<input checked="" type="checkbox"/>	Connection to Public System	<input type="checkbox"/>	On-Site System	Permit Expiration Date:	(MM-YYYY)
GAS SYSTEM:	<input type="checkbox"/> Propane	<input checked="" type="checkbox"/> Gas	<input type="checkbox"/> OTHER: _____		
ELECTRICAL					
SERVICE & UTILITY (Volts, Phase, Wire):					
Service Size:	1600 AMP 477v 3PH	<input type="checkbox"/> Overhead	<input checked="" type="checkbox"/> Underground		
Utility Company:	Duquesne Light Company	<input checked="" type="checkbox"/> Primary Customer	<input type="checkbox"/> Secondary Customer		
Transformer Owner:	Duquesne Light Company	Special Transformers: _____			
GENERAL INFORMATION					
Is there an adopted municipal comprehensive land use plan, as per the Pennsylvania Municipalities Planning Code?				Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is there an adopted county comprehensive land use plan?				Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is there an adopted multi-municipal or multi-county comprehensive land use plan?				Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is there an adopted county or municipal zoning ordinance or a joint municipal zoning ordinance?				Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is the proposed project consistent with these comprehensive plans and/or zoning ordinances?				Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

CONSTRUCTION SPECIFICATION REQUIREMENTS

District/CTC: Plum Borough School District Project #: 3608
 Project Building Name: New Elementary School

The following page numbers refer to the construction specifications for:

X The Entire Project _____ Phase _____
 _____ Asbestos Abatement _____ Other _____

NOTE: A separate Page F17 must be submitted for each set of construction specifications identified above.

PAGE # IN SPEC	SPECIFICATION (Refer to the Specification Requirements in the Part F instructions, Attachment B. NOTE: Specification clauses do not need to be verbatim.)
001116-1	Proposed Advertisement - Request for Sealed Bids, Bid Opening Date Specified
002113-1	Instruction to Bidders
011000-2	Completion Date or Number of Calendar Days from Notice to Proceed
004313-1	Bid Security (recommended but not required)
006216-1	Contractor's Insurance (recommended but not required)
NA	Separate Prime Contracts for General, HVAC, Electrical, Plumbing & Asbestos (applicable if total project costs exceed \$10,000)
004113-1	Bid Proposal Form(s)
006113-1	Labor and Material Bond and Performance Bond @ 100% of the Contract
007200-1	No Cash Allowance Provision
007200-1	Prevailing Wage Requirement Clause (estimated costs greater than \$25,000)
007346-1	Labor & Industry Prevailing Wage Scales (estimated costs greater than \$25,000)
007200-1	Competent Workmen Clause (estimated costs equal to or less than \$25,000)
007200-1	Discrimination Prohibited Clause (62 Pa.C.S.A. § 3701)
007200-1	Human Relations Reference (Act 222 of 1955 as amended)
007200-1	Standard of Quality Clause
007200-1	Domestic Steel and Cast Iron Products (Act 3 of 1978 as amended)
008010-1	PlanCon Page G08, Prime Contractor Certification (with top section completed)
012300=1	Alternate bid(s)
NA	Combined bid(s)

PREPARATION AND REVIEW OF CONSTRUCTION DOCUMENTS

PREPARED AND REVIEWED BY:	Architect <u>X</u>	Engineer _____	Other Professional (specify) _____
Signature, Professional:	Professional's Name, Printed or Typed: Steven Ackerman, AIA		

Firm Name, Address & Telephone No.:	Date:
L.R. Kimball, Frick Building, Suite 812, 437 Grant Street, Pittsburgh, PA 15219, 412-201-4900	7/23/2013

PDE USE ONLY	WORKING DRAWINGS - GENERAL REQUIREMENTS
	Seal of Professional Architect or Engineer on Drawings
	Outswinging doors (May 1, 1925 or later)

ROUGH GRADING TO RECEIVE THE BUILDING

District/CTC:	Project Name:	Project #:
Plum Borough School District	New Elementary School	3608

Briefly describe the proposed work needed for rough grading to receive the building, defined as the earth excavation and compacted fill needed to prepare a rough plain that will permit contractors to stake out the building to an elevation of one foot below the finished floor and to a line ten feet beyond the exterior of the proposed building or sizeable addition(s).

In order for this office to replicate all quantities, submit calculations, diagrams and sections identifying the cut/fill line, finish floor elevations, topographic elevations and the building footprint.

Reimbursement may be requested for earth excavation and compacted fill necessary to prepare the rough plane defined above; stripping of a maximum of six inches of topsoil will also be considered for reimbursement.

The following work is not eligible for reimbursement: (1.) minimal grading for additions where the present grade is relatively near the floor elevation; (2.) excessive cut and fill where other design or structural considerations should have been made; (3.) special grading for stages, auditoriums, swimming pools, boiler rooms, and crawl spaces; (4.) excavation of unsuitable materials and fill; (5.) rock excavation or boulder removal; (6.) trucking costs for additional fill; (7.) clearing of natural growth; (8.) stabilization of mine areas; (9.) demolition of buildings and roads, etc.; (10.) construction in courtyards and crawl spaces; and (11.) where the total volume of earth movement is less than 500 cubic yards.

MAXIMUM REIMBURSABLE COSTS

A. AREA BASED ON THE NEW BUILDING/ADDITION FOOTPRINT + 10' BEYOND =						60,247	Sq. Ft.
B. MAXIMUM ALLOWABLE COSTS							
1. STRIP TOP SOIL	1,200	cu. yds.	X	\$9.00 /cu.yd.	= \$	10,800	
2. CUT	28,000	cu. yds.	X	\$9.00 /cu.yd.	= \$	252,000	
3. COMPACTED FILL	28,000	cu. yds.	X	\$17.00 /cu.yd.	= \$	476,000	
4. MAXIMUM ALLOWABLE COSTS							
(B-1 plus B-2 and B-3)							\$ 738,800

SANITARY SEWAGE DISPOSAL

District/CTC:	Project Name:	Project #:
Plum Borough School District	New Elementary School	3608

Briefly describe the work involved in providing the project building with sanitary sewage disposal, defined as a sewage treatment plant or system required by the Pennsylvania Department of Environmental Protection (DEP), or an extension of the sanitary sewer lines from 5 feet outside the project building to connect to a DEP-approved municipal sewage system.

Reimbursement may be requested for: (1.) a sewage system or plant or the waste line extension from the building to connect to a local sewer authority to serve a new school building; or (2.) the modification or replacement of an existing system or plant or on-site line extension, as required by the Pennsylvania Department of Environmental Protection. Only the district's prorated share of the costs to extend a sewer line or to construct a new treatment plant should be requested for reimbursement.

The following is not eligible for reimbursement: (1.) rock excavation; (2.) interior waste disposal lines or excessive exterior lines; (3.) grease, chemical or oil receptors; and (4.) system, plant or line costs for capacity charges beyond this project building's requirements, such as additional capacity for other school buildings or future community capacity needs (costs to be shared by the school district and other current or future property owners are to be prorated).

Provide actual documentation, including the cost in dollars, from the sewer authority to support any claims for tap-in fees or reserve capacity charges.

The new building will be tied into the existing sanitary sewer lines and include appropriate cleanouts and connect to the existing municipal system that serves the existing parcel

**COMPLETE THIS SECTION ONLY IF REQUESTING AN EXCEPTION
TO THE MAXIMUM ALLOWANCE FOR SANITARY SEWAGE DISPOSAL**

The maximum allowance for sanitary sewage disposal is limited to the project building's FTE-New unless an exception to use the New and Existing FTE is requested and approved in writing.
Provide a justification if requesting an exception.

MAXIMUM REIMBURSABLE COSTS

A. REQUIREMENTS FOR SANITARY SEWAGE DISPOSAL

CHARGES FOR TAP-IN TO MUNICIPAL SEWER AUTHORITY YES ☐ NO ☒

RESERVE CAPACITY CHARGES REQUIRED BY LOCAL SEWER AUTHORITY YES ☐ NO ☒

ON-SITE SEWER LINE EXTENSION

LINEAL FEET - 427 / NUMBER OF MANHOLES - none

OFF-SITE SEWER LINE EXTENSION

LINEAL FEET - 400 / NUMBER OF MANHOLES - none

OTHER: _____

CHECK

B. MAXIMUM ALLOWABLE COSTS

EXCEPTION REQUESTED: YES ☐ NO ☒ **YES OR NO**

1. BUILDING FTE - NEW (F12, Adjusted Elem, Adjusted MS/Sec, Natatorium, Dist Admin Office, or Vocational FTE-NEW unless an exception to use the total FTE is granted) 674

2. REIMBURSEMENT FACTOR \$400

3. MAXIMUM ALLOWABLE COSTS (line B-1 times B-2) \$ 269,600

CERTIFICATION IN LIEU OF AGENCY APPROVALS, PERMITS & SERVICE AVAILABILITY LETTERS

District/CTC: Plum Borough School District	Project Name: New Elementary School	Project #: 3608
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The following certification is submitted in lieu of documentation of agency approvals, permits and service availability letters except for those from the local and county planning commissions, copies of which must still be submitted. The architect of record completing this certification must be a registered architect in Pennsylvania. The district must maintain the applicable records for audit purposes.

Certificate of Architect of Record:

I certify that I have apprised the board to the best of my knowledge and belief as to applicable reviews and approvals that must be obtained from federal, state and local government agencies, prior to entering into construction contracts.

<hr/> Signature of PA Registered Architect	<hr/> Steven Ackerman AIA, Project Manager PA Registered Architect's Name, Printed or Typed
<hr/> L.R. Kimball, 437 Grant Street, Suite 812, Pittsburgh, PA 15219 Architectural Firm's Name and Address	<hr/> 7/23/2013 Date

Board Resolution:

To the best of its knowledge and belief, the board of school directors certifies to the following:

1. The board will not enter into construction contracts until it has received written approval for PlanCon Part F, Construction Documents, from the Department of Education.
2. The board of school directors has obtained, or will obtain, all necessary approvals from local, regional, and state agencies relating to health, safety, design, planning highway access, and freedom from flooding and subsidence, prior to entering into construction contracts.
3. The board acknowledges that failure to obtain the requisite approvals prior to entering into construction contracts may be sufficient cause for the Department of Education to revoke its approval for this project. If approval is revoked, the project will not be reimbursed by the Commonwealth.

Board Action Date: _____

Voting: AYE _____ NAY _____ ABSTENTIONS _____ ABSENT _____

<hr/> Signature, Board Secretary	<hr/> Board Secretary's Name, Printed	<hr/> Date
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