

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

DISTRICT/CTC: Plum Borough School District COUNTY: Allegheny
PRJT BLDG NAME: New Regency Park Elementary School PROJECT #: 3830

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:

Ronald W. Kretz, AIA Project Manager 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: ronald.kretz@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
PRJT BLDG NAME: New Regency Park Elementary School

COUNTY: Allegheny
PROJECT #: 3830

<u>X</u>	Construction Specifications				
<u>X</u>	Project's Prime Contracts:				
<u>X</u>	General	<u>X</u>	Plumbing	Asbestos Abatement	Other: _____
<u>X</u>	HVAC	<u>X</u>	Electrical	Educational Technology	Other: _____
	Other: _____		Other: _____	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				
<u>N/A</u>	Room and Equipment Layout for Family/Consumer Science				
<u>N/A</u>	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				
<u>N/A</u>	Sewage Treatment System Drawings				
<u>N/A</u>	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 or two, three or four Green
Gloves certification

____ QSCB/QZAB Funded

____ Bid Breakouts

____ Other: _____

District/CTC: Plum Borough School District	Project Name: New Regency Park Elementary School	Grades: K - 6
---	---	------------------

ENROLLMENT PROJECTIONS FOR PROJECT BUILDING GRADES

A. Current Elementary/Secondary Public Enrollment For October 2014
 ("October 1 Enrollment, Low Income, and LEP Data Profile and ACS" PIMS Report)

1. Current District Enrollment For Grades K-12	K	-	6	3,875
2. Current Enrollment For Project Building Grades	K	-	6	1,998
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)				2,198

B. PDE Enrollment Projections, Dated July 2012 (A10)

Highest Projected Enrollment for Project Grades 2,010
 (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) 2,198

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	3830	350
Planned Capacity Total:		<u>2,325</u>

F. Enrollment to Capacity Adjustment (D divided by E, Total) 0.9454

(ROUND TO 4 DEC PLZ
MAXIMUM = 1.0000)

ELEMENTARY ROOM SCHEDULE FOR PROJECT BUILDING (1 OF 2)

District/CTC:

Plum Borough School District

Project Name:

New Regency Park Elementary School

Grades:

 K - 6

		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
LIBRARY	XXX				XXXX	1,620	1.0	1,620	XXXX	1,620	XXXXX
HALF-TIME KINDRGRTN	50										
HALF-TIME KINDRGRTN	50										
HALF-TIME KINDRGRTN	50										
FULL-TIME KINDRGRTN	25					937	1.0	937	25	1,880	50
FULL-TIME KINDRGRTN	25					939	1.0	939	25	1,856	50
FULL-TIME KINDRGRTN	25										
REG CLSRM 660+ SQ FT	25					800	1.0	800	25	3,216	100
REG CLSRM 660+ SQ FT	25					795	1.0	795	25	795	25
REG CLSRM 660+ SQ FT	25					800	1.0	800	25	800	25
REG CLSRM 660+ SQ FT	25					795	1.0	795	25	795	25
REG CLSRM 660+ SQ FT	25					800	1.0	800	25	800	25
REG CLSRM 660+ SQ FT	25					795	1.0	795	25	795	25
REG CLSRM 660+ SQ FT	25					800	1.0	800	25	800	25
REG CLSRM 660+ SQ FT	25					795	1.0	795	25	795	25
REG CLSRM 660+ SQ FT	25					800	1.0	800	25	800	25
REG CLSRM 660+ SQ FT	25					795	1.0	795	25	795	25
REG CLSRM 660+ SQ FT	25					800	1.0	800	25	800	25
REG CLSRM 660+ SQ FT	25					795	1.0	795	25	795	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	350	1.0	350	XXXX	350	XXXXX
SMALL GROUP <850 SQ FT	XXX				XXXX	346	1.0	346	XXXX	346	XXXXX
LARGE GROUP INS 850+ SQ FT	XXX				XXXX	1,365	1.0	1,365	XXXX	1,365	XXXXX
LARGE GROUP INS 850+ SQ FT	XXX				XXXX				XXXX		XXXXX
ALTERNATIVE ED ROOM	XXX				XXXX				XXXX		XXXXX
OTHER: <u>Small Group Inst</u>	XX					323	1.0	323		323	
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
PAGE F04 SUBTOTAL	XXX	XXXXXX	XXXXXX			XXXXXX	XXXXXX	15,450	350	19,726	700

ELEMENTARY ROOM SCHEDULE FOR PROJECT BUILDING (2 OF 2)

District/CTC: Plum Borough School District	Project Name: New Regency Park Elementary School	Grades: <u> K </u> - <u> 6 </u>
---	---	--

		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				XXXX		XXXXXX
COMPUTER ROOM	XXX				XXXX				XXXX		XXXXXX
COMPUTER ROOM	XXX				XXXX				XXXX		XXXXXX
ART ROOM	XXX				XXXX	805	1.0	805	XXXX	805	XXXXXX
ART ROOM	XXX				XXXX				XXXX		XXXXXX
ART ROOM	XXX				XXXX				XXXX		XXXXXX
MUSIC ROOM	XXX				XXXX	795	1.0	795	XXXX	795	XXXXXX
MUSIC ROOM	XXX				XXXX				XXXX		XXXXXX
MUSIC ROOM	XXX				XXXX				XXXX		XXXXXX
OTHER: _____	XXX				XXXX				XXXX		XXXXXX
OTHER: _____	XXX				XXXX				XXXX		XXXXXX
MULTI-PURPOSE RM	XXX				XXXX	2,115	1.0	2,115	XXXX	2,115	XXXXXX
STAGE/PLATFORM	XXX				XXXX				XXXX		XXXXXX
LOCKER ROOM, DRYING & SHOWER RM - BOYS	XXX				XXXX				XXXX		XXXXXX
LOCKER ROOM, DRYING & SHOWER RM - GIRLS	XXX				XXXX				XXXX		XXXXXX
NATATORIUM	XXX	SEE PAGE F12				SEE PAGE F12				XXXXX	XXXXX
KITCHEN & STORAGE # OF SERVINGS: <u> 3 </u>	XXX				XXXX				XXXX		XXXXXX
MEALS PREPARED PER SERVING: <u> 125 </u>	XXX				XXXX	1,140	1.0	1,140	XXXX	1,140	XXXXXX
CAFETERIA TO SEAT: _____	XXX				XXXX				XXXX		XXXXXX
FACULTY DINING ROOM	XXX				XXXX				XXXX		XXXXXX
FACULTY ROOM	XXX				XXXX	520	1.0	520	XXXX	520	XXXXXX
HEALTH SUITE(NURSE)	XXX				XXXX	424	1.0	424	XXXX	424	XXXXXX
BLDG ADMIN/GUIDANCE TOTAL STAFF: <u> 4 </u>	XXX				XXXX	1,815	1.0	1,815	XXXX	1,815	XXXXXX
OTHER: _____	XXX				XXXX				XXXX		XXXXXX
OTHER: <u> Gymnasium </u>	XXX				XXXX	5,576	1.0	5,576	XXXX	5,576	XXXXXX
OTHER: <u> STEAM Lab </u>	XXX				XXXX	850	1.0	850	XXXX	850	XXXXXX
OTHER: <u> Life Skills + Sensory </u>	XXX				XXXX	966	1.0	966	XXXX	966	XXXXXX
OTHER: _____	XXX				XXXX				XXXX		XXXXXX
OTHER: _____	XXX				XXXX				XXXX		XXXXXX
PAGE F05 SUBTOTAL	XXX	XXXXXX	XXXXXX		XXXX	XXXXXX	XXXXXX	15,005	XXXX	15,005	XXXXXX
PAGE F04 SUBTOTAL	XXX	XXXXXX	XXXXXX			XXXXXX	XXXXXX	15,450	350	19,726	
BUILDING TOTAL	XXX	XXXXXX	XXXXXX			XXXXXX	XXXXXX	30,455	350	34,731	

ROOM SCHEDULE ADJUSTMENTS

District/CTC: Plum Borough School District	Project Name: New Regency Park Elementary School	Grades: K - 6
---	---	------------------

		PROJECT PLANNED SPACES - SCHEDULED AREA ONLY									
		EXISTING				NEW				TOTAL	
		#3	#4	#5	#6	#7	#8	#9	#10	#11	#12
#1	#2	UNIT AREA SQ FT	NUMBER OF UNITS	TOTAL AREA SQ FT	TOTAL FTE CAP	UNIT AREA SQ FT	NUMBER OF UNITS	TOTAL AREA SQ FT	TOTAL FTE CAP	TOTAL AREA SQ FT	TOTAL FTE CAP
NAME OF SPACE	UNIT FTE CAP										
ELEMENTARY	XXX	XXXXXX	XXXXXX	XXXXXX	XXXX	XXXXXX	XXXXXX	XXXXXX	XXXX	XXXXXXX	XXXXXXX
PROJECT ELEM CAP	XXX	XXXXXX	XXXXXX			XXXXXX	XXXXXX	30,455	350	34,731	
KINDERGARTEN DEDUCT FOR HALF-TIME PRGM	-25	XXXXXX XXXXXX		XXXXXX XXXXXX		XXXXXX XXXXXX		XXXXXX XXXXXX		XXXXXXX XXXXXXX	
ADJUSTED ELEM CAP	XXX	XXXXXX	XXXXXX	XXXXXX		XXXXXX	XXXXXX	XXXXXX	350	XXXXXXX	350
ENR/CAP ADJ FACTOR	XXX	XXXXXX	XXXXXX	XXXXXX	0.9454	XXXXXX	XXXXXX	XXXXXX	0.9454	XXXXXXX	0.9454
JUSTIFIED ELEM	XXX	XXXXXX	XXXXXX	XXXXXX		XXXXXX	XXXXXX	XXXXXX	331	XXXXXXX	331
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	**										25 (MAX=25)
SP ED RESOURCE ROOM > 400 SQ FT	XXX XXX				XXXX XXXX	492	1.0	492	XXXX XXXX	492	XXXXXX XXXXXX
SP ED < 401 SQ FT	XXX				XXXX				XXXX		XXXXXX
SP ED < 401 SQ FT	XXX				XXXX				XXXX		XXXXXX
ADJUSTED ELEMENTARY	XXX	XXXXXX	XXXXXX			XXXXXX	XXXXXX	30,947	331	35,223	674
MIDDLE/SECONDARY	XXX	XXXXXX	XXXXXX	XXXXXX	XXXX	XXXXXX	XXXXXX	XXXXXX	XXXX	XXXXXXX	XXXXXXX
PROJECT MS/SEC UTIL	XXX	XXXXXX	XXXXXX			XXXXXX	XXXXXX				
ENR/CAP ADJ FACTOR	XXX	XXXXXX	XXXXXX	XXXXXX	0.9454	XXXXXX	XXXXXX	XXXXXX	0.9454	XXXXXXX	0.9454
JUSTIFIED MS/SEC	XXX	XXXXXX	XXXXXX	XXXXXX		XXXXXX	XXXXXX	XXXXXX		XXXXXXX	
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	XXXXXX	XXXXXX			XXXXXX	XXXXXX				

* 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 Regency Park Elementary School	Grades: <u> K </u> - <u> 6 </u>
---	---	--

		PROJECT PLANNED SPACES - SCHEDULED AREA ONLY									
		EXISTING				NEW				TOTAL	
#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12
NAME OF SPACE	UNIT FTE CAP	UNIT AREA SQ FT	NUMBER OF UNITS	TOTAL AREA SQ FT	TOTAL FTE CAP	UNIT AREA SQ FT	NUMBER OF UNITS	TOTAL AREA SQ FT	TOTAL FTE CAP	TOTAL AREA SQ FT	TOTAL FTE CAP
ADJUSTED ELEMENTARY	XXX	XXXXX	XXXXX			XXXXX	XXXXX	30,947	331	35,223	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 XXXXX		XXXXX XXXXX XXXXX		XXXXXX XXXXXX XXXXXX
NATATORIUM LOCKER ROOM, DRYING & SHOWER RM - GIRLS	XXX XXX	XXXXX XXXXX	XXXXX XXXXX		XXXXX XXXXX XXXXX	XXXXX XXXXX XXXXX	XXXXX XXXXX XXXXX		XXXXX XXXXX XXXXX		XXXXXX 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	30,947	XXXXX	35,223	XXXXXX

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

PLANNED ARCHITECTURAL AREA FOR TOTAL BUILDING

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.

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 **plus** the prorated architectural area for sixth grade included on the middle/secondary room schedule would be reported as elementary.

If there any questions, contact the Division of School Facilities for further direction.

PLANNED ARCHITECTURAL AREA (NEW PLUS EXISTING)

ELEMENTARY	<u> 46,838 </u> sq. ft.
SECONDARY (INCLUDING VOCATIONAL)	<u> </u> sq. ft.
NATATORIUM	<u> </u> sq. ft.
DISTRICT ADMINISTRATION OFFICE	<u> </u> sq. ft.
DAY CARE/PRE-SCHOOL (NONACADEMIC)	<u> </u> sq. ft.
NON-DISTRICT USE (HEALTH CLINIC, PUBLIC LIBRARY, ETC.)	<u> </u> sq. ft.
PROJECT BUILDING TOTAL (MUST EQUAL F13, LINE E-3)	<u> 46,838 </u> sq. ft.

COMPARATIVE DESIGN ANALYSIS			
District/CTC: Plum Borough School District	Project Name: New Regency Park Elementary School	Grades: <div style="text-align: center; border-bottom: 1px solid black;">K</div> - <div style="text-align: center; border-bottom: 1px solid black;">6</div>	
SCHEDULED AREA			
A. Planned Scheduled Area - Total	<div style="border-bottom: 1px solid black;">35,223</div> <small>(F12, ADJ ELEM)</small>	+ <div style="border-bottom: 1px solid black;"></div> <small>(F12, ADJ MS/SEC)</small>	= <div style="border-bottom: 1px solid black;">35,223</div> sq. ft.
B. Recommended Scheduled Area			
1. Adjusted FTE - Total	<div style="border-bottom: 1px solid black;">674</div> <small>(F12, ADJ ELEM)</small>	<div style="border-bottom: 1px solid black;"></div> <small>(F12, ADJ MS/SEC)</small>	
2. Recommended Square Feet per student	<div style="border-bottom: 1px solid black;">58</div>	<div style="border-bottom: 1px solid black;">78</div>	
3. Recommended Scheduled Area (B-1 times B-2)	<div style="border-bottom: 1px solid black;">39,092</div>	+ <div style="border-bottom: 1px solid black;"></div>	= <div style="border-bottom: 1px solid black;">39,092</div> sq. ft.
C. Difference between Planned and Recommended Scheduled Areas (A minus B-3)			<div style="border-bottom: 1px solid black;">-3,869</div> sq. ft.
D. Difference as a Percent of Recommended Scheduled Area (C divided by B-3 times 100)			<div style="border-bottom: 1px solid black;">-9.90</div> % <small>(CARRY TO 2 DEC PL)</small>
<p>If Line D is greater than minus 10%, refer to instructions for the Comparative Design Analysis Adjustment calculation on F14 form. If Line D is greater than plus 10%, justification for the excess scheduled area must be provided. Check the following if applicable.</p> <p><div style="border-bottom: 1px solid black; width: 100px;"></div> LARGER THAN NORMAL SCHEDULED AREAS REQUIRED TO ACCOMMODATE EDUCATIONAL PROGRAMS AND COMMUNITY NEEDS</p> <p><div style="border-bottom: 1px solid black; width: 100px;"></div> LARGER THAN NORMAL SCHEDULED AREAS DUE TO EXISTING BUILDING CONDITIONS</p> <p><div style="border-bottom: 1px solid black; width: 100px;"></div> RELATIVELY LOW ENROLLMENT TO CAPACITY ADJUSTMENT FACTOR (F03, Line F)</p> <p><div style="border-bottom: 1px solid black; width: 100px;"></div> OTHER (DESCRIBE): <div style="border-bottom: 1px solid black; width: 500px;"></div></p>			
ARCHITECTURAL TO SCHEDULED AREA			
E. Planned Architectural Area for Total Building			
1. Existing	<div style="border-bottom: 1px solid black;">46,838</div>	sq. ft.	
2. New/Addition	<div style="border-bottom: 1px solid black;"></div>	sq. ft.	
3. Total		<div style="border-bottom: 1px solid black;">46,838</div>	sq. ft.
F. Planned Scheduled Area for Total Building		<div style="border-bottom: 1px solid black;">35,223</div> <small>(F12, PRJT BLDG TOT)</small>	sq. ft.
G. Planned Architectural Area divided by Planned Scheduled Area (E-3 divided by F)		<div style="border-bottom: 1px solid black;">1.330</div> <small>(CARRY TO 3 DEC PL)</small>	
<p>If the above ratio of architectural area to scheduled area for this building is greater than 1.58, justification for excess architectural area must be provided. Check the following if applicable:</p> <p><div style="border-bottom: 1px solid black; width: 100px;"></div> LARGER THAN NORMAL LOBBIES AND ENTRANCE AREAS</p> <p><div style="border-bottom: 1px solid black; width: 100px;"></div> SINGLE-LOADED COORIDORS</p> <p><div style="border-bottom: 1px solid black; width: 100px;"></div> LARGER THAN NORMAL STORAGE AREAS</p> <p><div style="border-bottom: 1px solid black; width: 100px;"></div> LARGER THAN NORMAL STAIRWAYS</p> <p><div style="border-bottom: 1px solid black; width: 100px;"></div> OTHER (DESCRIBE): <div style="border-bottom: 1px solid black; width: 500px;"></div></p>			

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 331		TOTAL
B. MIDDLE/SECONDARY SCHOOL ELEMENTARY FTE (Use this section for schools with both elementary and secondary grades on the Middle/Secondary Room Schedule)					
1. Number of Elementary Grades (K-6) on the Middle/Secondary Room Schedule (Pages 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)		_____	+	331	= 331
C-1. Total Elementary FTE (A plus B-5)					
2. Elementary FTE Reduction (if III < 0%, III times C-1; else 0)		_____	+	331	= 331
3. Total Elementary FTE based on Comparative Design Analysis		_____	+	331	= 331 (FTE)
4. Rated Pupil Capacity Factor		1.4000			
5. Elementary Rated Pupil Capacity (C-3 times C-4)		463 (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		_____ (F10, VOC FTE)	X	_____ (RPC FACTOR)	= _____ (RPC)

PROJECT INFORMATION		
District/CTC:	Project Name:	Project #:
Plum Borough School District	New Regency Park Elementary School	3830

HEATING, VENTILATING AND AIR CONDITIONING

	PLUMBING
--	----------

ELECTRICAL

GENERAL INFORMATION	
---------------------	--

REVISED JULY 1, 2010 FORM EXPIRES 6-30-12 PLANCON-F16

CONSTRUCTION SPECIFICATION REQUIREMENTS

District/CTC: Plum Borough School District Project #: 3830
 Project Building Name: New Regency Park 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
002200-1	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)
001116-1	Separate Prime Contracts for General, HVAC, Electrical, Plumbing & Asbestos (applicable if total project costs exceed \$10,000)
004101 - 4	Bid Proposal Form(s)
006060-1	Labor and Material Bond and Performance Bond @ 100% of the Contract
007200-18	No Cash Allowance Provision
001116-2	Prevailing Wage Requirement Clause (estimated costs greater than \$25,000)
007346-1	Labor & Industry Prevailing Wage Scales (estimated costs greater than \$25,000)
007200-51	Competent Workmen Clause (estimated costs equal to or less than \$25,000)
007200-51	Discrimination Prohibited Clause (62 Pa.C.S.A. § 3701)
007200-52	Human Relations Reference (Act 222 of 1955 as amended)
007200-52	Standard of Quality Clause
007200-52	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: Ronald W. Kretz, AIA	

Firm Name, Address & Telephone No.:	Date:
L.R. Kimball, Frick Building, Suite 812, 437 Grant Street, Pittsburgh, PA 15219, 412-201-4900	11/11/2015

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:

Plum Borough School District

Project Name:

New Regency Park Elementary School

Project #:

3830

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.

Grading of the site will require cuts of up to 10 feet and fills reaching a maximum height of about 50 to 60 feet. The proposed site grading is balanced with the anticipated cut/fill volume required to bring the site to grade being on the order of 20,000 cubic yards. Site development will also include the construction of access drives, stormwater management facilities, erosion and sedimentation control facilities as well as the installation of underground utilities.

Prior to any fill placement being conducted within the proposed building footprint, the existing fill within the footprint (eastern end and western limits of the building) will require over-excavation and replacement with properly placed engineered fill. The over-excavation (where required) will extend 10 feet outside the building footprint to develop a suitable building pad. Areas noted in the Remediation Plan, Geotechnical Report Drawing GE503.

MAXIMUM REIMBURSABLE COSTS

A. AREA BASED ON THE NEW BUILDING/ADDITION FOOTPRINT + 10' BEYOND = 63,697 Sq. Ft.

B. MAXIMUM ALLOWABLE COSTS

1. STRIP TOP SOIL	<u>1,600</u>	cu. yds.	X	\$9.00 /cu.yd.	= \$	<u>14,400</u>
2. CUT	<u>18,000</u>	cu. yds.	X	\$9.00 /cu.yd.	= \$	<u>252,000</u>
3. COMPACTED FILL	<u>18,000</u>	cu. yds.	X	\$17.00 /cu.yd.	= \$	<u>476,000</u>
4. MAXIMUM ALLOWABLE COSTS (B-1 plus B-2 and B-3)					\$	<u>742,400</u>

SANITARY SEWAGE DISPOSAL

District/CTC: Plum Borough School District	Project Name: New Regency Park Elementary School	Project #: 3830
---	---	--------------------

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 X

RESERVE CAPACITY CHARGES REQUIRED BY LOCAL SEWER AUTHORITY YES _____ NO X

ON-SITE SEWER LINE EXTENSION

LINEAL FEET - 750 / NUMBER OF MANHOLES - 2

OFF-SITE SEWER LINE EXTENSION

LINEAL FEET - N/A / NUMBER OF MANHOLES - none

OTHER: _____

CHECK

B. MAXIMUM ALLOWABLE COSTS

EXCEPTION REQUESTED: YES _____ NO X **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) 331

2. REIMBURSEMENT FACTOR \$400

3. MAXIMUM ALLOWABLE COSTS (line B-1 times B-2) \$ 132,400

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

District/CTC: Plum Borough School District	Project Name: New Regency Park Elementary School	Project #: 3830
---	---	--------------------

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.

<p>_____ Signature of PA Registered Architect</p>	<p>Ronald W. Kretz, AIA, Project Manager _____ PA Registered Architect's Name, Printed or Typed</p>
<p>L.R. Kimball, 437 Grant Street, Suite 812, Pittsburgh, PA 15219 _____ Architectural Firm's Name and Address</p>	<p>11/12/2015 _____ Date</p>

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 _____

<p>_____ Signature, Board Secretary</p>	<p>_____ Board Secretary's Name, Printed</p>	<p>_____ Date</p>
---	--	-----------------------