

**PART A: PROJECT JUSTIFICATION
BOARD TRANSMITTAL**

Project #: _____
(PDE Use Only)

DISTRICT/CTC: Big Spring School District COUNTY: Cumberland
PRJT BLDG NAME: Newville E.S. Additions & Renovations GRADES: K - 5

NON-VOC	VOC	PAGE #	
<u>x</u>	_____	A02-A03	Project Description
<u>x</u>	_____	A04	Project Accounting Based on Estimates
		A05	Page Not Used
		A06	Page Not Used
<u>x</u>	_____	A07	Elementary Building Capacity
<u>x</u>	_____	A08	Middle/Secondary Building Capacity
<u>x</u>	_____	A09	Summary of Owned Buildings and Land
<u>x</u>	_____	A10	Enrollment Projections by Grade Level/Act 34 of 1973: Substantial Addition Determination (For vocational projects - complete lines G-I only)
<u>n/a</u>	_____		Current Elementary/Secondary Public Enrollment For October (ESPE web-based data collection system)
<u>x</u>	_____	A11-A12	Elementary Room Schedule for Project Building
<u>x</u>	_____	A13-A15	Middle/Secondary Room Schedule for Project Building
<u>n/a</u>	_____	A16	Central District Administration Office
<u>n/a</u>	_____	A17	Vocational Room Schedule for Project Building
<u>x</u>	_____	A18	Room Schedule Adjustments
<u>x</u>	_____	A19	Project Full Time Equivalents
<u>x</u>	_____	A20	Comparative Design Analysis (For Vocational projects - complete lines E-G only)
<u>x</u>	_____	A21	20% Rule for Alteration Costs for Non-Vocational Projects
<u>x</u>	_____	A22	Full Time Equivalents Converted to Rated Pupil Capacity
<u>x</u>	_____	A23	District-Wide Facility Study Certification
<u>x</u>	_____		Project Site Plan Drawing for Part B
<u>x</u>	_____		Project Building Floor Plan Drawing for Part B
<u>x</u>	_____		Separate Floor Plan Identifying Spaces Listed on Room Schedule with Calculated Area Noted Therein and Perimeter of Each Scheduled Area Clearly Marked in a Contrasting Color
<u>x</u>	_____		Educational Specifications for Part B
	_____		Craft Committee Recommendations
	_____		Bureau of Career and Technical Education PDE-320 form

The architectural firm for this project is: Crabtree, Rohrbaugh & Associates, Inc.

The architect to be contacted if there are any questions about Part A is:
Chris Barnett, Project Manager 717-458-0272 717-458-0047
Architect's Name and Position Phone Number Fax Number

The architect's e-mail address is: cbarnett@cra-architects.com

The architectural firm's address is: 401 E. Winding Hill Road, Mechanicsburg, PA 17055

The district/CTC administrator to be contacted about Part A is:
Richard Kerr, Business Manager 717-776-2000
District/CTC Administrator's Name and Position Phone Number Fax Number

The district/CTC's representative(s) at the Part B, Schematic Review, conference(s) will be: Richard Kerr, Business Manager
Name and Position Name and Position

The SD/CTC administrator's e-mail address is: rkerr@bigspring.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 this proposed project is in conformance with the district/CTC's Strategic Plan and its amended Comprehensive Special Education Plan.

BOARD ACTION DATE: _____

VOTING: AYE _____ NAY _____ ABSTENTIONS _____ ABSENT _____

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

District/CTC Address Date

PROJECT DESCRIPTION (Page 1 of 2)

District/CTC: Big Spring School District	Project Name: Newville E.S. Additions & Renovations	Grades: <u> </u> K - <u> </u> 5
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1. Indicate the type of project:

New School Building _____	Additions to Existing Building <u> </u> x _____	Alterations to Existing Building <u> </u> x _____	Building Purchase _____
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2. Indicate the current condition of the project building:

Poor _____	Fair <u> </u> x _____	Good <u> </u> x _____	Excellent _____
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3. Indicate the current Portfolio Manager Score (1 - 100), predicted Target Finder Score (1 - 100) and EUI (Energy Utilization Index) in thousands of British Thermal Units per Square Foot (kbtu/sf) for the project building:

Portfolio Manager Score <u> </u> 65	Target Finder <u> </u> 88	Site EUI <u> </u> 38	Source EUI <u> </u> 99
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4. Indicate the L & I construction type for the project building:

Fire-Resistive _____	Non-Combustible <u> </u> x _____	Protected Heavy Timber _____	Wood Frame or Ordinary _____
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5. Indicate the number of stories for the project building:

1 story _____	2 stories <u> </u> x _____	3 stories _____	4 or more _____
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6. If a project involves the renovation of a structure of more than one story which has wood framing (interior or exterior framing that is wholly or partially of wood), provide a description of the construction plans and methods designed to meet health and safety standards related to the use of wood in this building (BEC 24 P.S. § 7-733).

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

Renovation of the existing multi-purpose room and kitchen areas, as well as select renovations in the 2-story classroom wing. New construction includes a kitchen and multi-purpose room additions, as well as a 2-story addition consisting of a classroom, LGI, storage and restrooms on each floor. Sitwork is limited to work associated with the additions, and some pavement overlay.

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

Enrollment Growth _____	Educational Programming <u> </u> x _____	Health and Safety Issues _____	Building and/or Site Accessibility _____
Structural and/or Roof _____	HVAC, Electrical and/or Plumbing <u> </u> x _____	Other: _____	

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

The larger multi-purpose room will allow for simultaneous use of the cafeteria and gym spaces, and along with the kitchen addition, provide for more appropriate food service facilities. The classroom addition will allow for resource spaces to be moved from original storage rooms, and provide better educational flexibility.

10. Is total demolition of an entire existing structure part of this project?

Yes _____	No <u> </u> x _____
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11. Is there any building/structure/site condition/site feature that is more than 50 years old on this site? If yes, please describe.

Yes <u> </u> x _____	No _____
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CONTACT PHMC

The original building was built in 1963.

12. Will this project involve the demolition of historically significant structures, including but not limited to school buildings or private residences? If Yes, please describe.

Yes _____	No <u> </u> x _____
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13. Indicate the site acreage:

Current To Be Acquired Total Planned	10.2	(If acreage is to be acquired, report costs on Page A04, Line N.)
	10.2	

14. Are there any other district buildings located at this site? If yes, list the other buildings:

Yes _____	No <u> </u> x _____
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15. Is the acreage to be acquired currently in agricultural use?

Yes _____	No <u> </u> x _____
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PROJECT DESCRIPTION (Page 2 of 2)

District/CTC: Big Spring School District	Project Name: Newville E.S. Additions & Renovations	Grades: <u> K </u> - <u> 5 </u>
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16. Describe the existing site topography and any planned changes.

The current site is irregular in shape, and gently slopes from the north to the south end of the site. Additions will not impact current building use, and there isn't any change in topography anticipated by the nature of the building additions or improvements.

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

The main entrance to the school for parents and visitors is off Steelstown Road. Buses currently enter off West Street, drop off students at the back entrance, and then the buses exit on to Steelstown Road. Staff enters from a different location off Steelstown Road, into a separate staff parking lot.

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

Community use will continue on the existing play fields and hard court surface areas.

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

N/A

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

PROJECT ACCOUNTING BASED ON ESTIMATES

District/CTC: Big Spring School District	Project Name: Newville E.S. Additions & Renovations	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)	2,038,400	4,387,100	6,425,500
B. ARCHITECT/ENGINEER'S FEE ON STRUCTURE AND EPA-CERTIFIED PROJECT DESIGNER'S FEE ON ASBESTOS ABATEMENT	132,496	285,162	417,658
C. MOVABLE FIXTURES AND EQUIPMENT AND ARCHITECT'S FEE	128,498	256,996	385,494
D. STRUCTURE COSTS, ARCHITECT'S FEE, MOVABLE FIXTURES & EQUIPMENT - TOTAL (A plus B plus C)	2,299,394	4,929,258	7,228,652
E. SANITARY SEWAGE DISPOSAL AND SITE ACQUISITION COSTS			
F. STRUCTURE COSTS, ARCHITECT'S FEE, MOVABLE FIXTURES & EQUIPMENT, AND SITE COSTS - TOTAL (D plus E)	2,299,394	4,929,258	7,228,652
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)			504,385
H. FINANCING COSTS (INCLUDING UNDERWRITER'S FEE, LEGAL FEES, FINANCIAL ADVISOR, CAPITALIZED INTEREST AND PRINTING)			144,573
I. TOTAL PROJECT COSTS (F plus G plus H)			7,877,610

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.	650,000
K. ASBESTOS ABATEMENT Is asbestos abatement part of this project? If yes, report these costs including EPA-certified project designer fees).	
L. ROOF REPLACEMENT Is roof replacement part of this project? If yes, report these costs including architect fees.	
M. BUILDING PURCHASE AMOUNT	

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

BID DATE	
O. PROPOSED BID OPENING DATE (MM/YY):	01/18

ELEMENTARY BUILDING CAPACITY

District/CTC: Big Spring School District	Project Name: Newville E.S. Additions & Renovations	Grades: K - 5
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		SCHOOL: <u>Newville E.S.</u>				SCHOOL: <u>Oak Flat E.S.</u>			
		PRESENT		PLANNED		PRESENT		PLANNED	
#1	#2	#3	#4	#5	#6	#3	#4	#5	#6
NAME OF SPACE	UNIT FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP
HALF-TIME KINDRGRTN	50								
FULL-TIME KINDRGRTN	25	3	75	3	75	2	50	2	50
REG CLSRM 660+ SQ FT	25	15	375	17	425	24	600	24	600
OTHER: _____									
BUILDING TOTAL	XX	XXXXXX	450	XXXXXX	500	XXXXXX	650	XXXXXX	650
		SCHOOL: <u>Mt. Rock E.S.</u>				SCHOOL: _____			
		PRESENT		PLANNED		PRESENT		PLANNED	
#1	#2	#3	#4	#5	#6	#3	#4	#5	#6
NAME OF SPACE	UNIT FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP
HALF-TIME KINDRGRTN	50								
FULL-TIME KINDRGRTN	25	3	75	3	75				
REG CLSRM 660+ SQ FT	25	15	375	15	375				
OTHER: _____									
BUILDING TOTAL	XX	XXXXXX	450	XXXXXX	450	XXXXXX		XXXXXX	
		SCHOOL: _____				SCHOOL: _____			
		PRESENT		PLANNED		PRESENT		PLANNED	
#1	#2	#3	#4	#5	#6	#3	#4	#5	#6
NAME OF SPACE	UNIT FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP
HALF-TIME KINDRGRTN	50								
FULL-TIME KINDRGRTN	25								
REG CLSRM 660+ SQ FT	25								
OTHER: _____									
BUILDING TOTAL	XX	XXXXXX		XXXXXX		XXXXXX		XXXXXX	
		SCHOOL: _____				SCHOOL: _____			
		PRESENT		PLANNED		PRESENT		PLANNED	
#1	#2	#3	#4	#5	#6	#3	#4	#5	#6
NAME OF SPACE	UNIT FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP
HALF-TIME KINDRGRTN	50								
FULL-TIME KINDRGRTN	25								
REG CLSRM 660+ SQ FT	25								
OTHER:									
BUILDING TOTAL	XX	XXXXXX		XXXXXX		XXXXXX		XXXXXX	

Only kindergarten and regular classrooms 660 square feet or greater should be reported. Although special education rooms and pre-school rooms may be eligible for capacity, these spaces should not be included in the room counts reported above. The following spaces do not receive reimbursable capacity and therefore should not be included in the capacities for an elementary school building: science labs, computer rooms, art rooms, music rooms, small and large group instruction rooms, and multi-purpose rooms.

MIDDLE/SECONDARY BUILDING CAPACITY

District/CTC: Big Spring School District Project Name: Newville E.S. Additions & Renovations Grades: K - 5

		SCHOOL: Big Spring M.S.				SCHOOL: Big Spring H.S.			
		PRESENT		PLANNED		PRESENT		PLANNED	
#1	#2	#3	#4	#5	#6	#3	#4	#5	#6
NAME OF SPACE	UNIT FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP
REG CLSRM 660+ SQ FT	25	23	575			31	775		
SCIENCE CLSRM 660+ SQ FT	25	5	125			9	225		
SCIENCE LAB 660+ SQ FT	20	3	60			4	80		
PLANETARIUM W/CLSRM 660+ SQ FT	20								
ALTERNATIVE ED ROOM 660+ SQ FT	20								
BUSINESS CLSRM 660+ SQ FT	25					2	50		
BUSINESS LAB 660+ SQ FT	20					4	80		
COMPUTER LAB 660+ SQ FT	20	1	20			2	40		
TV INSTRUCTIONAL STUDIO 660+ SQ FT	20					1	20		
ART CLASSROOM 660+ SQ FT	20	1	20			4	80		
MUSIC CLASSROOM 660+ SQ FT	25	1	25						
BAND ROOM 660+ SQ FT	25	1	25			1	25		
ORCHESTRA ROOM 660+ SQ FT	25					1	25		
CHORAL ROOM 660+ SQ FT	25								
FAMILY/CONSMR SCIENCE 660+ SQ FT	20	2	40			2	40		
IA/SHOP 1800+ SQ FT	20	1	20						
TECH ED 1800+ SQ FT	20	2	40			3	60		
VO AG SHOP W/CLSRM 660+ SQ FT	20					1	20		
DRIVER'S ED 660+ SQ FT	20								
GYM 6500-7500 SQ FT	66	1.0	66			2.0	132		
AUX GYM 2500 SQ FT	33								
OTHER: Health Classroom						2	50		
OTHER: Vo Ag Classroom						1	25		
BUILDING TOTAL	XXX	XXXXXX	1,016	XXXXXX		XXXXX	1,727	XXXXXX	
MS/SEC UTILIZATION (BLDG TOTAL X .9)	XXX	XXXXXX	914	XXXXXX		XXXXX	1,554	XXXXXX	

		SCHOOL:				SCHOOL:			
		PRESENT		PLANNED		PRESENT		PLANNED	
#1	#2	#3	#4	#5	#6	#3	#4	#5	#6
NAME OF SPACE	UNIT FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP	NUMBER OF UNITS	TOTAL FTE CAP
REG CLSRM 660+ SQ FT	25								
SCIENCE CLSRM 660+ SQ FT	25								
SCIENCE LAB 660+ SQ FT	20								
PLANETARIUM W/CLSRM 660+ SQ FT	20								
ALTERNATIVE ED ROOM 660+ SQ FT	20								
BUSINESS CLSRM 660+ SQ FT	25								
BUSINESS LAB 660+ SQ FT	20								
COMPUTER LAB 660+ SQ FT	20								
TV INSTRUCTIONAL STUDIO 660+ SQ FT	20								
ART CLASSROOM 660+ SQ FT	20								
MUSIC CLASSROOM 660+ SQ FT	25								
BAND ROOM 660+ SQ FT	25								
ORCHESTRA ROOM 660+ SQ FT	25								
CHORAL ROOM 660+ SQ FT	25								
FAMILY/CONSMR SCIENCE 660+ SQ FT	20								
IA/SHOP 1800+ SQ FT	20								
TECH ED 1800+ SQ FT	20								
VO AG SHOP W/CLSRM 660+ SQ FT	20								
DRIVER'S ED 660+ SQ FT	20								
GYM 6500-7500 SQ FT	66								
AUX GYM 2500 SQ FT	33								
OTHER: _____									
OTHER: _____									
BUILDING TOTAL	XXX	XXXXXX		XXXXXX		XXXXX		XXXXXX	
MS/SEC UTILIZATION (BLDG TOTAL X .9)	XXX	XXXXXX		XXXXXX		XXXXX		XXXXXX	

SUMMARY OF OWNED BUILDINGS AND LAND

District/CTC: **Big Spring School District** Project Name: **Newville E.S. Additions & Renovations** 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	PDE PROJECTED GRADE LEVEL ENROLLMENT 10 YEARS INTO THE FUTURE	FTE MINUS ENROLLMENT (#9 - #10)
Newville E.S.	1963, 2009	10.2	K-5	450	Renovations/Additions	10.2	K-5	500	XXXXXXXXXX	XXXXXXXXXX
Oak Flat E.S.	1992	17	K-5	650	No change	17	K-5	650	XXXXXXXXXX	XXXXXXXXXX
Mt. Rock E.S.	1968, 1974	20*	K-5	450	No change	20	K-5	450	XXXXXXXXXX	XXXXXXXXXX
*shares campus with M.S.									XXXXXXXXXX	XXXXXXXXXX
									XXXXXXXXXX	XXXXXXXXXX
									XXXXXXXXXX	XXXXXXXXXX
									XXXXXXXXXX	XXXXXXXXXX
									XXXXXXXXXX	XXXXXXXXXX
									XXXXXXXXXX	XXXXXXXXXX
									XXXXXXXXXX	XXXXXXXXXX
									XXXXXXXXXX	XXXXXXXXXX
Subtotal	XXXXXXXXXX	XXX	XXXX	1,550	XXXXXXXXXXXXXXXXXXXXXXXXXX	XXX	XXXX	1,600	1,174	426
Big Spring M.S.	1955, 1977 2005	50*	6-8	914	No change	50	6-8	914	XXXXXXXXXX	XXXXXXXXXX
*shares campus with Mt. Rock E.S.									XXXXXXXXXX	XXXXXXXXXX
									XXXXXXXXXX	XXXXXXXXXX
									XXXXXXXXXX	XXXXXXXXXX
									XXXXXXXXXX	XXXXXXXXXX
									XXXXXXXXXX	XXXXXXXXXX
Subtotal	XXXXXXXXXX	XXX	XXXX	914	XXXXXXXXXXXXXXXXXXXXXXXXXX	XXX	XXXX	914	661	253
Big Spring H.S.	1958, 1962, 1995, 2003	78	9-12	1,554	No change	78	9-12	1,554	XXXXXXXXXX	XXXXXXXXXX
									XXXXXXXXXX	XXXXXXXXXX
									XXXXXXXXXX	XXXXXXXXXX
									XXXXXXXXXX	XXXXXXXXXX
									XXXXXXXXXX	XXXXXXXXXX
Subtotal	XXXXXXXXXX	XXX	XXXX	1,554	XXXXXXXXXXXXXXXXXXXXXXXXXX	XXX	XXXX	1,554	780	774
Mifflin School	1955	12.6		closed	no change				XXXXXXXXXX	XXXXXXXXXX
District Administration Annex (located at Mt. Rock E.S.)	1968, 1974, 2002				no change				XXXXXXXXXX	XXXXXXXXXX
									XXXXXXXXXX	XXXXXXXXXX
									XXXXXXXXXX	XXXXXXXXXX
Subtotal	XXXXXXXXXX	XXX	XXXX		XXXXXXXXXXXXXXXXXXXXXXXXXX	XXX	XXXX			
TOTAL	XXXXXXXXXX	XXX	XXXX	4,018	XXXXXXXXXXXXXXXXXXXXXXXXXX	XXX	XXXX	4,068	2,615	1,453

**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): re-align attendance lines

ENROLLMENT PROJECTIONS BY GRADE LEVEL

District/CTC: Big Spring School District	Project Name: Newville E.S. Additions & Renovations	Grades: <u> </u> K <u> </u> - <u> </u> 5 <u> </u>
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ENROLLMENT PROJECTIONS FOR PROJECT BUILDING GRADES

A. Current Elementary/Secondary Public Enrollment For October (See instructions for further direction.)	<u>2016</u>	
1. Current District Enrollment For Grades K-12		<u>2,588</u>
2. Current Enrollment For Project Building Grades (See instructions for further direction)	<u> </u> K <u> </u> - <u> </u> 5 <u> </u>	<u>1,122</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>1,234</u>
B. PDE Enrollment Projections, Dated <u>December 2016</u> Highest Projected Enrollment for Project Grades (See instructions for further direction)		<u>1,240</u>
C. District Projected Enrollment* Source Document(s), Date Prepared and Page Number(s): _____ _____ _____		<u> </u>
D. Highest Projected Enrollment (highest of A3, B or C)		<u>1,240</u>
E. Planned Capacity for Project Grades (A09, Project Grades Subtotal from Col. #9)		<u>1,600</u>
F. Enrollment to Capacity Adjustment Factor (D divided by E)		<u>0.7750</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>11,200</u>	sq. ft.
H. Architectural Area - Existing Structure	<u>43,362</u>	sq. ft.

(G divided by H times 100)	<u>25.83</u>	%	HEARING REQUIRED
	<small>(ROUND TO 2 DEC PL)</small>		

Act 34 of 1973 requires a public hearing and the distribution of specific project information for school construction projects involving the construction of a new building or a substantial addition to an existing structure. If Act 34 hearing requirements apply to this project, draft copies of the Act 34 hearing advertisement and the project description must be submitted to the Department of Education for review and approval **prior to advertising for the hearing as well as prior to their publication and public distribution** to ensure that all Act 34 requirements will be met for this project.

ELEMENTARY ROOM SCHEDULE FOR PROJECT BUILDING (1 OF 2)

District/CTC: Big Spring School District	Project Name: Newville E.S. Additions & Renovations	Grades: <u> </u> K - <u> </u> 5
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		PROJECT PLANNED SPACES - SCHEDULED AREA ONLY									
		EXISTING				NEW				TOTAL	
#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12
NAME OF SPACE	UNIT FTE CAP	UNIT AREA SQ FT	NUMBER OF UNITS	TOTAL AREA SQ FT	TOTAL FTE CAP	UNIT AREA SQ FT	NUMBER OF UNITS	TOTAL AREA SQ FT	TOTAL FTE CAP	TOTAL AREA SQ FT	TOTAL FTE CAP
LIBRARY	XXX	1,170	1.0	1,170	XXXX				XXXX	1,170	XXXXX
HALF-TIME KINDRGRTN	50	850	3.0	2,550	150					2,550	150
HALF-TIME KINDRGRTN	50										
HALF-TIME KINDRGRTN	50										
FULL-TIME KINDRGRTN	25										
FULL-TIME KINDRGRTN	25										
FULL-TIME KINDRGRTN	25										
REG CLSRM 660+ SQ FT	25	875	2.0	1,750	50	900	2.0	1,800	50	3,550	100
REG CLSRM 660+ SQ FT	25	850	11.0	9,350	275					9,350	275
REG CLSRM 660+ SQ FT	25	865	2.0	1,730	50					1,730	50
REG CLSRM 660+ SQ FT	25										
REG CLSRM 660+ SQ FT	25										
REG CLSRM 660+ SQ FT	25										
REG CLSRM 660+ SQ FT	25										
REG CLSRM 660+ SQ FT	25										
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										
REG CLSRM 660+ SQ FT	25										
SPECIAL ED ROOMS	XXX	SEE PAGE A18				SEE PAGE A18				XXXXXX	XXXXX
SMALL GROUP <850 SQ FT	XXX	265	1.0	265	XXXX				XXXX	265	XXXXX
SMALL GROUP <850 SQ FT	XXX				XXXX				XXXX		XXXXX
LARGE GROUP INS 850+ SQ FT	XXX	930	1.0	930	XXXX	1,000	2.0	2,000	XXXX	2,930	XXXXX
LARGE GROUP INS 850+ SQ FT	XXX	985	1.0	985	XXXX				XXXX	985	XXXXX
ALTERNATIVE ED ROOM 660+ SQ FT	XXX				XXXX				XXXX		XXXXX
OTHER:											
OTHER:											
OTHER:											
OTHER:											
OTHER:											
OTHER:											

ELEMENTARY ROOM SCHEDULE FOR PROJECT BUILDING (2 OF 2)

District/CTC: Big Spring School District	Project Name: Newville E.S. Additions & Renovations	Grades: <u> K </u> - <u> 5 </u>
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PROJECT PLANNED SPACES - SCHEDULED AREA ONLY											
		EXISTING				NEW				TOTAL	
#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12
NAME OF SPACE	UNIT FTE CAP	UNIT AREA SQ FT	NUMBER OF UNITS	TOTAL AREA SQ FT	TOTAL FTE CAP	UNIT AREA SQ FT	NUMBER OF UNITS	TOTAL AREA SQ FT	TOTAL FTE CAP	TOTAL AREA SQ FT	TOTAL FTE CAP
COMPUTER ROOM	XXX	835	1.0	835	XXXX				XXXX	835	XXXXXX
COMPUTER ROOM	XXX				XXXX				XXXX		XXXXXX
COMPUTER ROOM	XXX				XXXX				XXXX		XXXXXX
ART ROOM	XXX	970	1.0	970	XXXX				XXXX	970	XXXXXX
ART ROOM	XXX				XXXX				XXXX		XXXXXX
ART ROOM	XXX				XXXX				XXXX		XXXXXX
MUSIC ROOM	XXX	925	1.0	925	XXXX				XXXX	925	XXXXXX
MUSIC ROOM	XXX				XXXX				XXXX		XXXXXX
MUSIC ROOM	XXX				XXXX				XXXX		XXXXXX
OTHER: <u>Band/practice</u>	XXX	235	1.0	235	XXXX				XXXX	235	XXXXXX
OTHER: _____	XXX				XXXX				XXXX		XXXXXX
MULTI-PURPOSE RM	XXX	5,750	0.4	2,300	XXXX	5,750	0.6	3,450	XXXX	5,750	XXXXXX
STAGE/PLATFORM	XXX	630	1.0	630	XXXX				XXXX	630	XXXXXX
LOCKER ROOM, DRYING & SHOWER RM - BOYS	XXX XXX				XXXX XXXX				XXXX XXXX		XXXXXX XXXXXX
LOCKER ROOM, DRYING & SHOWER RM - GIRLS	XXX XXX				XXXX XXXX				XXXX XXXX		XXXXXX XXXXXX
NATATORIUM	XXX	SEE PAGE A19				SEE PAGE A19				XXXXX	XXXXX
KITCHEN & STORAGE # OF SERVINGS: <u> 3 </u> MEALS PREPARED PER SERVING: <u> 200 </u>	XXX XXX XXX	2,220	0.3	666	XXXX XXXX XXXX	2,220	0.7	1,554	XXXX XXXX XXXX	2,220	XXXXXX XXXXXX XXXXXX
CAFETERIA TO SEAT: _____	XXX XXX				XXXX XXXX				XXXX XXXX		XXXXXX XXXXXX
FACULTY DINING ROOM	XXX				XXXX				XXXX		XXXXXX
FACULTY ROOM	XXX	355	1.0	355	XXXX				XXXX	355	XXXXXX
HEALTH SUITE(NURSE)	XXX	535	1.0	535	XXXX				XXXX	535	XXXXXX
BLDG ADMIN/GUIDANCE TOTAL STAFF: <u> 6 </u>	XXX XXX	940	1.0	940	XXXX XXXX				XXXX XXXX	940	XXXXXX XXXXXX
OTHER: <u>Janitor Office</u>	XXX	330	1.0	330	XXXX				XXXX	330	XXXXXX
OTHER: _____	XXX				XXXX				XXXX		XXXXXX
OTHER: _____	XXX				XXXX				XXXX		XXXXXX
OTHER: _____	XXX				XXXX				XXXX		XXXXXX
OTHER: _____	XXX				XXXX				XXXX		XXXXXX
PAGE A12 SUBTOTAL	XXX	XXXXX	XXXXX	8,721	XXXX	XXXXXX	XXXXXX	5,004	XXXX	13,725	XXXXXX
PAGE A11 SUBTOTAL	XXX	XXXXXX	XXXXXX	18,730	525	XXXXXX	XXXXXX	3,800	50	22,530	575
BUILDING TOTAL	XXX	XXXXXX	XXXXXX	27,451	525	XXXXXX	XXXXXX	8,804	50	36,255	575

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

District/CTC: Big Spring School District	Project Name: Newville E.S. Additions & Renovations	Grades: K - 5
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		PROJECT PLANNED SPACES - SCHEDULED AREA ONLY									
		EXISTING				NEW				TOTAL	
#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12
NAME OF SPACE	UNIT FTE CAP	UNIT AREA SQ FT	NUMBER OF UNITS	TOTAL AREA SQ FT	TOTAL FTE CAP	UNIT AREA SQ FT	NUMBER OF UNITS	TOTAL AREA SQ FT	TOTAL FTE CAP	TOTAL AREA SQ FT	TOTAL FTE CAP
LIBRARY	XXX				XXXX				XXXX		XXXXX
REG CLSRM 660+ SQ FT	25										
REG CLSRM 660+ SQ FT	25										
REG CLSRM 660+ SQ FT	25										
REG CLSRM 660+ SQ FT	25										
REG CLSRM 660+ SQ FT	25										
REG CLSRM 660+ SQ FT	25										
REG CLSRM 660+ SQ FT	25										
REG CLSRM 660+ SQ FT	25										
REG CLSRM 660+ SQ FT	25										
REG CLSRM 660+ SQ FT	25										
REG CLSRM 660+ SQ FT	25										
REG CLSRM 660+ SQ FT	25										
REG CLSRM 660+ SQ FT	25										
REG CLSRM 660+ SQ FT	25										
REG CLSRM 660+ SQ FT	25										
SPECIAL ED ROOMS	XXX	SEE PAGE A18				SEE PAGE A18				XXXXXX	XXXXX
SMALL GROUP <850 SQ FT	XXX				XXXX				XXXX		XXXXX
SMALL GROUP <850 SQ FT	XXX				XXXX				XXXX		XXXXX
LARGE GROUP INS 850+ SQ FT	XXX				XXXX				XXXX		XXXXX
AUDITORIUM	XXX				XXXX				XXXX		XXXXX
TO SEAT: _____	XXX				XXXX				XXXX		XXXXX
STAGE	XXX				XXXX				XXXX		XXXXX
SCIENCE CLSRM 660+ SQ FT	25										
SCIENCE CLSRM 660+ SQ FT	25										
SCIENCE LAB: _____	20										
SCIENCE LAB: _____	20										
SCIENCE LAB: _____	20										
SCIENCE LAB: _____	20										
SCIENCE STUDENT PROJ RM	XXX				XXXX				XXXX		XXXXX
PLANETARIUM CLSRM 660+ SQ FT	20										
OBSERVATORY	XXX				XXXX				XXXX		XXXXX
ALTERNATIVE ED ROOM 660+ SQ FT	20										
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
PAGE A13 SUBTOTAL	XXX	XXXXX	XXXXXX			XXXXX	XXXXXX				

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

District/CTC: Big Spring School District	Project Name: Newville E.S. Additions & Renovations	Grades: <u> K </u> - <u> 5 </u>
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		PROJECT PLANNED SPACES - SCHEDULED AREA ONLY										
		EXISTING				NEW				TOTAL		
#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12	
NAME OF SPACE	UNIT FTE CAP	UNIT AREA SQ FT	NUMBER OF UNITS	TOTAL AREA SQ FT	TOTAL FTE CAP	UNIT AREA SQ FT	NUMBER OF UNITS	TOTAL AREA SQ FT	TOTAL FTE CAP	TOTAL AREA SQ FT	TOTAL FTE CAP	
BUSINESS CLSRM 660+ SQ FT	25											
BUSINESS CLSRM 660+ SQ FT	25											
BUSINESS LAB 660+ SQ FT	20											
BUSINESS LAB 660+ SQ FT	20											
BUSINESS LAB 660+ SQ FT	20											
COMPUTER LAB 660+ SQ FT	20											
COMPUTER LAB 660+ SQ FT	20											
COMPUTER LAB 660+ SQ FT	20											
TV INSTRUCTIONAL STUDIO 660+ SQ FT	20											
OTHER: _____												
OTHER: _____												
ART CLASSROOM 660+ SQ FT	20											
ART CLASSROOM 660+ SQ FT	20											
MUSIC CLASSROOM 660+ SQ FT	25											
MUSIC CLASSROOM 660+ SQ FT	25											
BAND ROOM 660+ SQ FT	25											
ORCHESTRA ROOM 660+ SQ FT	25											
CHORAL ROOM 660+ SQ FT	25											
OTHER: _____												
OTHER: _____												
FAMILY/CONSMR SCIENCE 660+ SQ FT	20											
FAMILY/CONSMR SCIENCE 660+ SQ FT	20											
FAMILY/CONSMR SCIENCE 660+ SQ FT	20											
IA/SHOP 1800+ SQ FT	20											
IA/SHOP 1800+ SQ FT	20											
TECH ED 1800+ SQ FT	20											
TECH ED 1800+ SQ FT	20											
TECH ED 1800+ SQ FT	20											
TECH ED 1800+ SQ FT	20											
IA/SHOP <1800 SQ FT	XXX				XXXX				XXXX		XXXXX	
TECH ED <1800 SQ FT	XXX				XXXX				XXXX		XXXXX	
VO AG SHOP W/CLSRM 660+ SQ FT	20											
DRIVER'S ED 660+ SQ FT	20											
OTHER: _____												
OTHER: _____												
OTHER: _____												
OTHER: _____												
OTHER: _____												
OTHER: _____												
OTHER: _____												
OTHER: _____												
PAGE A14 SUBTOTAL	XXX	XXXXX	XXXXX			XXXXX	XXXXX					

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

District/CTC: Big Spring School District	Project Name: Newville E.S. Additions & Renovations	Grades: K - 5
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		PROJECT PLANNED SPACES - SCHEDULED AREA ONLY									
		EXISTING				NEW				TOTAL	
#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12
NAME OF SPACE	UNIT FTE CAP	UNIT AREA SQ FT	NUMBER OF UNITS	TOTAL AREA SQ FT	TOTAL FTE CAP	UNIT AREA SQ FT	NUMBER OF UNITS	TOTAL AREA SQ FT	TOTAL FTE CAP	TOTAL AREA SQ FT	TOTAL FTE CAP
GYM 6500+ SQ FT	66										
GYM 6500+ SQ FT	66										
2500 SQ FT AUX GYM	33										
1000 SQ FT ADAPT GYM	XXX				XXXX				XXXX		XXXXXX
WRESTLING ROOM	XXX				XXXX				XXXX		XXXXXX
WEIGHT ROOM	XXX				XXXX				XXXX		XXXXXX
LOCKER ROOM, DRYING & SHOWER RM - BOYS	XXX				XXXX				XXXX		XXXXXX
LOCKER ROOM, DRYING & SHOWER RM - GIRLS	XXX				XXXX				XXXX		XXXXXX
TEAM ROOM	XXX				XXXX				XXXX		XXXXXX
TEAM ROOM	XXX				XXXX				XXXX		XXXXXX
INSTRUCTOR'S OFFICE	XXX				XXXX				XXXX		XXXXXX
INSTRUCTOR'S OFFICE	XXX				XXXX				XXXX		XXXXXX
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
NATATORIUM	XXX	SEE PAGE A19				SEE PAGE A19				XXXXX	XXXXXX
KITCHEN & STORAGE	XXX				XXXX				XXXX		XXXXXX
# OF SERVINGS: _____	XXX				XXXX				XXXX		XXXXXX
MEALS PREPARED PER SERVING: _____	XXX				XXXX				XXXX		XXXXXX
CAFETERIA	XXX				XXXX				XXXX		XXXXXX
TO SEAT: _____	XXX				XXXX				XXXX		XXXXXX
FACULTY DINING ROOM	XXX				XXXX				XXXX		XXXXXX
FACULTY ROOM	XXX				XXXX				XXXX		XXXXXX
INSTR PLANNING CTR	XXX				XXXX				XXXX		XXXXXX
INSTR PLANNING CTR	XXX				XXXX				XXXX		XXXXXX
CONFERENCE ROOM	XXX				XXXX				XXXX		XXXXXX
STUDENT ACTIVITY RM	XXX				XXXX				XXXX		XXXXXX
HEALTH SUITE (NURSE)	XXX				XXXX				XXXX		XXXXXX
BLDG ADMIN/GUIDANCE	XXX				XXXX				XXXX		XXXXXX
TOTAL STAFF: _____	XXX				XXXX				XXXX		XXXXXX
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
OTHER: _____											
PAGE A15 SUBTOTAL	XXX	XXXXX	XXXXX			XXXXX	XXXXX				
PAGE A13 SUBTOTAL	XXX	XXXXX	XXXXX			XXXXX	XXXXX				
PAGE A14 SUBTOTAL	XXX	XXXXX	XXXXX			XXXXX	XXXXX				
BUILDING TOTAL	XXX	XXXXX	XXXXX			XXXXX	XXXXX				
MS/SEC UTILIZATION (BLDG TOTAL TIMES .9)	XXX	XXXXX	XXXXX	XXXXX		XXXXX	XXXXX	XXXXX		XXXXXX	

CENTRAL DISTRICT ADMINISTRATION OFFICE

District/CTC:

Big Spring School District

Project Name:

Newville E.S. Additions & Renovations

Grades:

 -
K - 5

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

POSITION (If vacant or new, indicate date to be filled)

POSITION (If vacant or new, indicate date to be filled)

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

DISTRICT ADMINISTRATION STAFFING CONVERTED TO FULL TIME EQUIVALENTS

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

VOCATIONAL ROOM SCHEDULE FOR PROJECT BUILDING

District/CTC:
Big Spring School District

Project Name:
Newville E.S. Additions & Renovations

Grades:
 K - 5

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

ROOM SCHEDULE ADJUSTMENTS

District/CTC: Big Spring School District	Project Name: Newville E.S. Additions & Renovations	Grades: K - 5
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		PROJECT PLANNED SPACES - SCHEDULED AREA ONLY									
		EXISTING				NEW				TOTAL	
#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12
NAME OF SPACE	UNIT FTE CAP	UNIT AREA SQ FT	NUMBER OF UNITS	TOTAL AREA SQ FT	TOTAL FTE CAP	UNIT AREA SQ FT	NUMBER OF UNITS	TOTAL AREA SQ FT	TOTAL FTE CAP	TOTAL AREA SQ FT	TOTAL FTE CAP
ELEMENTARY	XXX	XXXXX	XXXXX	XXXXX	XXXX	XXXXX	XXXXX	XXXXX	XXXX	XXXXXX	XXXXXX
PROJECT ELEM CAP	XXX	XXXXX	XXXXX	27,451	525	XXXXX	XXXXX	8,804	50	36,255	575
KINDERGARTEN DEDUCT FOR HALF-TIME PRGM	-25	XXXXX XXXXX	3.0	XXXXX XXXXX	-75	XXXXX XXXXX		XXXXX XXXXX		XXXXXXXX XXXXXXXX	-75
ADJUSTED ELEM CAP	XXX	XXXXX	XXXXX	XXXXX	450	XXXXX	XXXXX	XXXXX	50	XXXXXXXX	500
ENR/CAP ADJ FACTOR	XXX	XXXXX	XXXXX	XXXXX	0.7750	XXXXX	XXXXX	XXXXX	0.7750	XXXXXXXX	0.7750
JUSTIFIED ELEM	XXX	XXXXX	XXXXX	XXXXX	349	XXXXX	XXXXX	XXXXX	39	XXXXXXXX	388
REG PRE-SCHOOL 660+*	25										
SP ED PRE-SCHOOL 660+*	25										
SP ED 660+ SQ FT	25	850	2.0	1,700	50					1,700	50
SP ED 660+ SQ FT	25										
SP ED 660+ SQ FT	25										
SP ED 660+ SQ FT	25										
SP ED 660+ SQ FT	25										
SP ED 660+ SQ FT	25										
SP ED 660+ SQ FT	25										
SP ED RESOURCE ROOM > 400 SQ FT	**										(MAX=25)
SP ED RESOURCE ROOM > 400 SQ FT	XXX XXX				XXXX XXXX				XXXX XXXX		XXXXXX XXXXXX
SP ED < 401 SQ FT	XXX				XXXX				XXXX		XXXXXX
SP ED < 401 SQ FT	XXX				XXXX				XXXX		XXXXXX
ADJUSTED ELEMENTARY	XXX	XXXXX	XXXXX	29,151	399	XXXXX	XXXXX	8,804	39	37,955	438
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	0.7750	XXXXX	XXXXX	XXXXX	0.7750	XXXXXX	0.7750
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 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.

** 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: Big Spring School District	Project Name: Newville E.S. Additions & Renovations	Grades: K - 5
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		PROJECT PLANNED SPACES - SCHEDULED AREA ONLY									
		EXISTING				NEW				TOTAL	
#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11	#12
NAME OF SPACE	UNIT FTE CAP	UNIT AREA SQ FT	NUMBER OF UNITS	TOTAL AREA SQ FT	TOTAL FTE CAP	UNIT AREA SQ FT	NUMBER OF UNITS	TOTAL AREA SQ FT	TOTAL FTE CAP	TOTAL AREA SQ FT	TOTAL FTE CAP
ADJUSTED ELEMENTARY	XXX	XXXXXX	XXXX	29,151	399	XXXX	XXXX	8,804	39	37,955	438
ADJUSTED MS/SEC	XXX	XXXXXX	XXXX			XXXXXX	XXXX				
NATATORIUM *		XXXXXX	XXXX			XXXX	XXXX				
NATATORIUM LOCKER ROOM, DRYING & SHOWER RM - BOYS	XXX XXX	XXXXXX XXXXXX	XXXX XXXX		XXXXXX XXXXXX	XXXX XXXX	XXXX XXXX		XXXXXX XXXXXX		XXXXXX XXXXXX
NATATORIUM LOCKER ROOM, DRYING & SHOWER RM - GIRLS	XXX XXX	XXXXXX XXXXXX	XXXX XXXX		XXXXXX XXXXXX	XXXX XXXX	XXXX XXXX		XXXXXX XXXXXX		XXXXXX XXXXXX
DIST ADMIN OFFICE	XXX	XXXXXX	XXXX			XXXX	XXXX				
VOCATIONAL	XXX	XXXXXX	XXXX			XXXX	XXXX				
PRJT BUILDING TOTAL	XXX	XXXXXX	XXXX	29,151	XXXXXX	XXXX	XXXX	8,804	XXXXXX	37,955	XXXXXX

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

COMPARATIVE DESIGN ANALYSIS

District/CTC: Big Spring School District	Project Name: Newville E.S. Additions & Renovations	Grades: <u> </u> K - <u> </u> 5
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SCHEDULED AREA

A. Planned Scheduled Area - Total	<u>37,955</u>	+		=	<u>37,955</u>	sq. ft.
	<small>(A19, ADJ ELEM)</small>		<small>(A19, ADJ MS/SEC)</small>			
B. Recommended Scheduled Area						
1. Adjusted FTE - Total	<u>438</u>					
	<small>(A19, ADJ ELEM)</small>		<small>(A19, ADJ MS/SEC)</small>			
2. Recommended Square Feet per student	58		78			
3. Recommended Scheduled Area (B1 times B2)	<u>25,404</u>	+	<u> </u>	=	<u>25,404</u>	sq. ft.
C. Difference between Planned and Recommended Scheduled Areas (A minus B3)					<u>12,551</u>	sq. ft.
D. Difference as a Percent of Recommended Scheduled Area (C divided by B3 times 100)					<u>49.41</u>	%
			PROVIDE JUSTIFICATION		<small>(CARRY TO 2 DEC PL)</small>	

If Line D is greater than minus 10%, refer to instructions for the Comparative Design Analysis Adjustment calculation on A22 form. If Line D is greater than plus 10%, justification for the excess scheduled area must be provided. Check the following if applicable:

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

ARCHITECTURAL TO SCHEDULED AREA

E. Planned Architectural Area for Total Building						
1. Existing	<u>43,362</u>					sq. ft.
	<small>(A10, LINE H)</small>					
2. New/Addition	<u>11,200</u>					sq. ft.
	<small>(A10, LINE G)</small>					
3. Total					<u>54,562</u>	sq. ft.
F. Planned Scheduled Area for Total Building					<u>37,955</u>	sq. ft.
					<small>(A19, PRJT BLDG TOT)</small>	
G. Planned Architectural Area divided by Planned Scheduled Area (E3 divided by F)					<u>1.438</u>	%
					<small>(CARRY TO 3 DEC PL)</small>	

If the above ratio of architectural area to scheduled area for this building is greater than 1.58, justification for excess architectural area must be provided. Check the following if applicable:

- LARGER THAN NORMAL LOBBIES AND ENTRANCE AREAS
- SINGLE-LOADED CORRIDORS
- LARGER THAN NORMAL STORAGE AREAS
- LARGER THAN NORMAL STAIRWAYS
- OTHER (DESCRIBE): Existing building conditions

20% RULE FOR ALTERATION COSTS FOR NON-VOCATIONAL PROJECTS

District/CTC: Big Spring School District	Project Name: Newville E.S. Additions & Renovations	Grades: K - 5
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A. Estimated Alteration Costs		\$ <u>4,929,258</u>	
			(A04, Line F-EXIST)
B- 1. Movable Fixtures & Equipment and Architect's Fee	\$ <u>256,996</u>		(A04, Line C-EXIST)
2. Site Development and Architect's Fee	\$ <u>650,000</u>		(A04, Line J-EXIST)
3. Asbestos Abatement and EPA-Certified Designer's Fee	\$ _____		(A04, Line K-EXIST)
4. Roof Replacement and Architect's Fee	\$ _____		(A04, Line L-EXIST)
5. Building Purchase	\$ _____		(A04, Line M)
6. Adjustment (B-1 plus B-2 and B-3 and B-4 and B-5)		\$ <u>906,996</u>	
C. Adjusted Estimated Alteration Costs (line A minus line B-6)		\$ <u>4,022,262</u>	
D- 1. Adjusted FTE	<u>399</u>		
	(A19, ADJ ELEM-EXIST)	(A19, ADJ MS/SEC-EXIST + NAT/DAO-EXIST)	
2. Recommended Square Feet per student	92	123	
3. Recommended Architectural Area (D-1 times D-2)	<u>36,708</u>	+ _____	= <u>36,708</u> sq. ft.
E. Median Construction Cost Per Square Foot			\$174
F. Replacement Costs (D-3 times E)			\$ <u>6,387,192</u>
G. 20% Rule (F times .20)			\$ <u>1,277,438</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.

FULL TIME EQUIVALENTS CONVERTED TO RATED PUPIL CAPACITY

District/AVTS: Big Spring School District	Project Name: Newville E.S. Additions & Renovations	Grades: K - 5
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**COMPARATIVE DESIGN ANALYSIS ADJUSTMENT -
ONLY COMPLETE THIS SECTION IF A20, LINE D IS GREATER THAN -10%**

I. DIFFERENCE AS PERCENT OF RECOMMENDED SCHEDULED AREA (only enter A20, line D if value is greater than -10%)	_____
II. MINIMUM VARIANCE (A20)	-10.00%
III. DIFFERENCE	_____

ELEMENTARY

	EXISTING	NEW	TOTAL
A. ADJUSTED ELEMENTARY FTE (A19, ADJ ELEM)	399	39	
B. MIDDLE/SECONDARY SCHOOL ELEMENTARY FTE (Use this section for schools with both elementary and secondary grades on the Middle/Secondary Room Schedule)			
1. Number of Elementary Grades (K-6) on the Middle/Secondary Room Schedule (Pages A13-A15)	_____		
2. Total Number of Grades (K-12) on the Middle/Secondary Room Schedule (Pages A13-A15)	_____		
3. Elementary Grades Divided By Total Number of Grades (B-1 divided by B-2) <small>(ROUND TO 4 DEC PL)</small>	_____		
4. Adjusted MS/SEC FTE (A19, ADJ MS/SEC)	_____	+	_____
5. MS Elementary FTE (B-3 times B-4; round to whole number)	_____	_____	
C-1. Total Elementary FTE (A plus B-5)	399	+	39 = 438
2. Elementary FTE Reduction (if III < 0%, III times C-1; else 0)	_____		_____
3. Total Elementary FTE based on Comparative Design Analysis	399	+	39 = 438 <small>(FTE)</small>
4. Rated Pupil Capacity Factor			1.4000
5. Elementary Rated Pupil Capacity (C-3 times C-4)			613 <small>(RPC)</small>

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	_____	+	_____ = _____ <small>(FTE)</small>
4. Rated Pupil Capacity Factor			_____
5. Middle/Secondary Rated Pupil Capacity (F-3 times F-4)			_____ <small>(RPC)</small>
G-1. NATATORIUM FTE (A19, NAT)	_____	+	_____ = _____
2. Natatorium Rated Pupil Capacity (G-1 times 1.11)			_____ <small>(RPC)</small>
H-1. CENTRAL DISTRICT ADMIN OFFICE FTE (A19, DAO)	_____	+	_____ = _____
2. DAO Rated Pupil Capacity (H-1 times 1.11)			_____ <small>(RPC)</small>
I. TOTAL SECONDARY (F-5 plus G-2 and H-2)	_____	_____	_____ <small>(FTE) (FTE) (RPC)</small>

VOCATIONAL

J. VOCATIONAL	_____	X	_____ = _____
	<small>(A19, VOC FTE)</small>	<small>(RPC FACTOR)</small>	<small>(RPC)</small>

DISTRICT-WIDE FACILITY STUDY CERTIFICATION

District/CTC: Big Spring School District	Project Name: Newville E.S. Additions & Renovations	Grades: <u> K </u> - <u> 5 </u>
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The Board of Directors certifies that it has accepted a district-wide facility study pursuant to Basic Education Circular (BEC) 24 P.S. § 7-733, "School Construction Reimbursement Criteria,". At least two copies of the study will be available for public inspection throughout the PlanCon process for this project at District Administration Office - 45 Mt. Rock Road, Newville, PA. 17241

(Building or location where facility study will be available for public review)

The district-wide facility study must have been completed within the preceding two years of the Department's receipt of the Part A submittal for this project building.

The completion date of the district-wide facility study is: 6/15/2015
(mm/dd/yyyy)

The authors are: Hal Hart, Director of Education, CRA - 401 E. Winding Hill Road, Mechanicsburg, PA 17055
(INCLUDE NAME, POSITION, SCHOOL DISTRICT OR FIRM NAME & ADDRESS)

(INCLUDE NAME, POSITION, SCHOOL DISTRICT OR FIRM NAME & ADDRESS)

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

STUDY PAGE(S)

- 3-13 1. An overview of the school district that considers such factors as geography, population, wealth. The overview must include:
 - population and wealth statistics
 - a map showing the general location of the school district in the state or geographic region
 - a map of the school district showing the general location of all existing buildings and owned sites in the school district
 - information on any distinguishing characteristics, such as geographically separate population centers, that will have an impact on facilities

- 18-21 2. An overview of the school district's educational program. The overview must address for all grades (K-12):
 - instructional practices or planned curriculums by grade structure (elementary, middle, secondary, etc.)
 - special facility needs, if applicable, needed to support planned curriculums

- 14-17 3. An analysis of projected enrollment. The analysis must include:
 - the likely enrollment for each grade structure ten years into the future
 - a discussion of the reliability of the enrollment projections

- 22-30 4. An analysis of each building's capacity as it relates to the educational program. The analysis must address:
 - how many students a building can house
 - the types of educational spaces required by the educational program described above
 - length of the school day and number of classes per day, if applicable
 - size of particular rooms and adequacy of those rooms, if applicable
 - grade alignments

- 32-63 5. An analysis of each building's condition. The analysis must address:
 - the building's physical condition
 - the projected useful life of each building's major components (electrical, HVAC, plumbing, etc.)
 - code violations
 - universal accessibility
 - Energy Portfolio Surveys (See Attachment C in Part A Instructions.)
 - the cost to upgrade each building to current standards

- 65-77 6. An analysis of construction options. The analysis must address:
 - the alternatives available to the district based on the above analysis
 - cost estimates for each alternative
 - the pros and cons for each alternative
 - a summary page depicting options and costs
 - Energy Portfolio Surveys (See Attachment C in Part A Instructions.)

- 82-84 7. Documentation regarding the author's credentials including education, registration or licensure and experience for each author