



ACT 34 PUBLIC HEARING

for the
construction of the

New Holiday Park Elementary School
Plum Borough School District
Plum Borough, PA 15239



on
Thursday, June 20, 2013
6:00pm

at the
Plum Senior High School
Auditorium
900 Elicker Room
Plum, PA 15239

**Plum Borough School District
900 Elicker Road
Plum, Pennsylvania 15239**

BOARD OF DIRECTORS

Mr. Andrew Drake
President

Mr. Sal Colella
Vice President

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ADMINISTRATIVE STAFF

Dr. Timothy Glasspool, Superintendent

Dr. Guy Rossi, Assistant Superintendent

Mr. Eugene Marraccini, Director of Business Affairs

Mr. Michael Brewer, Director of Administrative Services

Underwriter

Mr. Joseph Muscatello
Boenning and Scattergood, Inc.
Pittsburgh, Pennsylvania

Solicitor

Mr. Lee Price
Andrews & Price, LLC
Pittsburgh, Pennsylvania

Bond Counsel

Mr. Clifford Pastel
Eckert Seamans Cherin & Mellot, LLC
Pittsburgh, Pennsylvania

Architectural Firm

Mr. Steven Ackerman, AIA
Mr. Henry Brunett III, AIA
L.R. Kimball-Architecture
Pittsburgh, Pennsylvania

**Project Information Booklet
Act 34 Hearing**

**New Holiday Park Elementary School
Plum Borough School District**

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AGENDA
ACT 34 HEARING
New Holiday Park Elementary School
PLUM BOROUGH SCHOOL DISTRICT
June 20, 2013

- | | | |
|------|--|---|
| I. | Welcome and Opening Remarks | Dr. Timothy Glasspool
Superintendent of Schools |
| II | Hearing Duly Constituted | Mr. Lee Price
Moderator |
| III. | Introduction of Project | Dr. Timothy Glasspool
Superintendent of Schools |
| IV. | Proposed Building Project | Mr. Steven Ackerman, AIA
Project Architect
Mr. Henry Brunett III, AIA
Director of Design |
| V. | Analysis of Direct and Indirect Costs
and Financing Options | |
| | A. Direct Costs | Mr. Joseph Muscatello
Underwriter

Mr. Clifford Pastel
Bond Counsel |
| | B. Indirect Costs | Mr. Eugene Marrassini
Director of Business Affairs |
| VI. | Public Comments and Questions | Mr. Lee Price
Moderator |

All residents are invited to attend. **The manner by which a resident may gain agenda time or submit written testimony, or both, is as follows:**

1. The hearing agenda will include an opportunity for individuals to ask questions, or make comments and suggestions related to the Project.

2. Although it is not necessary for a resident to reserve agenda time in order to speak at the hearing, any individual wishing to reserve agenda time and to be formally included in the agenda at the Project's public hearing should submit a written request to be on the agenda to the Superintendent of Schools, Plum Borough School District, 900 Elicker Road, Plum, PA 15239, by 3:00 p.m., Wednesday, June 19, 2013, giving name, address, and phone number of individual or group wishing to reserve agenda time.
3. Participants who do not reserve agenda time will still be given an opportunity to speak, after those who have requested agenda time have made their comments.
4. All Participants, who wish to provide testimony at the hearing, must be recognized by the Moderator, and must preface their comments by stating their name and address, and group affiliation if applicable.
5. Each statement made by a Participant shall be limited to five (5) minutes duration.
6. No Participant may speak more than once, unless all others who wish to speak have been heard.
7. The hearing and all public comments will be transcribed. Public comments may also be recorded by an audio or video recording system.
8. Following the public hearing, Superintendent of Schools, Dr. Timothy Glasspool, will receive written comments concerning the Project at the address in item #2 above, until 12:00 Noon, Monday, July 22, 2013.

VII. Adjournment

NOTICE OF PUBLIC HEARING

Plum Borough School District

**To: All Residents of Plum Borough School District,
Allegheny County, Pennsylvania**

Please take notice that a public hearing will be held in the Plum Senior High School Auditorium, 900 Elicker Road, Plum, Pennsylvania 15239 on Thursday, June 20, 2013 at 6:00 p.m., prevailing time, for the purpose of reviewing all relevant matters relating to the construction and equipping of the New Holiday Park Elementary School (the "Project"). A description of the Project, including facts with respect to educational, physical, administrative, budgetary and fiscal matters related to the Project, will be presented and will be available for consideration at such public hearing. A Project Description Booklet will be available from Friday, May 31, 2013 until such hearing, during regular School District business hours, at the Plum Borough School District Administrative Offices, 900 Elicker Road, Plum, Pennsylvania, 15239.

The Plum Borough Board of School Directors by Resolution duly adopted has authorized a "maximum building construction cost" of \$13,868,950, and a "maximum project cost" of \$20,080,240 in connection with the Project.

The public hearing is being held pursuant to requirements of the Pennsylvania Public School Code of 1949, approved March 10, 1949, as amended and supplemented, including amendments made pursuant to Act 34 of the Session of 1973 of the General Assembly.

All residents are invited to attend. **The manner by which a resident may gain agenda time or submit written testimony, or both, is as follows:**

1. The hearing agenda will include an opportunity for individuals to ask questions, or make comments and suggestions related to the Project.
2. Although it is not necessary for a resident to reserve agenda time in order to speak at the hearing, any individual wishing to reserve agenda time and to be formally included in the agenda at the Project's public hearing should submit a written request to be on the agenda to the Superintendent of

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5. Each statement made by a Participant shall be limited to five (5) minutes duration.
6. No Participant may speak more than once, unless all others who wish to speak have been heard.
7. The hearing and all public comments will be transcribed.
8. Following the public hearing, Superintendent of Schools, Dr. Timothy Glasspool, will receive written comments concerning the Project at the address in item #2 above, until 12:00 Noon, Monday, July 22, 2013.

BY ORDER OF THE BOARD OF SCHOOL DIRECTORS

PLUM BOROUGH SCHOOL DISTRICT
Allegheny County, Pennsylvania

By: 

Secretary of the Board of School Directors

PLUM BOROUGH SCHOOL DISTRICT

Allegheny County, Pennsylvania

New Holiday Park Elementary School

**RESOLUTION ADOPTING A MAXIMUM PROJECT COST AND
MAXIMUM BUILDING CONSTRUCTION COST FOR THE
CONSTRUCTION OF THE NEW HOLIDAY PARK ELEMENTARY
SCHOOL, AND AUTHORIZING OTHER ACTION IN CONNECTION
THEREWITH.**

WHEREAS, the Plum Borough School District Board of Directors has determined that additional and improved school facilities are required for use of the School District's pupils; and

WHEREAS, the School Board has authorized certain preliminary steps to be taken to construct a new Holiday Park Elementary School (the "Project"); and

WHEREAS, the Pennsylvania Public School Code of 1949, approved March 10, 1949, as amended and supplemented, including amendments made pursuant to Act 34 of the Session of 1973 of the General Assembly, requires that the School Board shall, by a majority vote of all its members, authorize a maximum project cost and a maximum building construction cost to be financed by the District; and

WHEREAS, the term, **maximum building construction cost**, includes all costs for new general construction, heating and ventilating, plumbing, electrical and other structural expense; fixtures and equipment; and architectural and engineering fees on these items; and

WHEREAS, the term, **maximum project cost**, means building construction costs, plus all other costs of the Project proposal including site

development, rough grading, access roads, architectural and engineering fees on these items, legal fees, and the like; and

WHEREAS, the Board of School Directors of the School District intends to conduct a public hearing to inform the residents of the School District with respect to the Project; and

WHEREAS, said Act 34 requires that, twenty (20) days after proper public notice, a public hearing be held for a new school building not later than thirty (30) days before the School District submits the initial building construction cost estimates to the Pennsylvania Department of Education for approval.

NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS:

1. The Board of School Directors hereby authorizes for the new Holiday Park Elementary School a maximum building construction cost of \$13,868,950, and maximum project cost of \$20,080,240.

2. A public hearing is hereby authorized to be held in regard to the Holiday Park Elementary School Project, in compliance with Act 34 of 1973 and the Public School Code of 1949, as amended, in the Plum Senior High School Auditorium, 900 Elicker Road, Plum, Pennsylvania 15239, on Thursday, June 20, 2013, beginning at 6:00 p.m., prevailing time.

3. The public hearing shall be transcribed by a public stenographer.

4. The Secretary of the Board of School Directors is hereby authorized and directed to cause a notice of such public hearing to be published once in the *Tribune Review*, such publication to appear at least twenty (20) days

prior to the date of the public hearing stated above. The notice should be as set forth, attached hereto.

5. The School District's Architects; CDI Architects Group, LLC d/b/a L.R. Kimball, are hereby authorized and directed to prepare a description of the Project as required by Act 34 and Chapter 349 of the State Board of Education Regulations, 22 Pa.Code § 349, et seq. Said Project description shall be made available for the public at least twenty (20) days prior to the public hearing, and the Project description shall be mailed to the news media not later than fourteen (14) days prior to the public hearing.

6. The proper officers of the School District shall submit to the Pennsylvania Department of Education a certified copy of this Resolution, together with a copy of the minutes or transcript of the public hearing, proof of publication of the public hearing notice, a complete description of the Project, and any other documents required by the Pennsylvania Department of Education in connection therewith.

7. The Board of School Directors of the School District hereby authorizes and directs its (i) Administrative Staff, (ii) Solicitor, Andrews & Price LLC, (iii) Bond Counsel, Eckert Seamans, Cherin & Mellott, LLC, (iv) Bond Underwriter, Boenning and Scattergood, Inc., and (v) Architects L.R. Kimball, to do and perform or cause to be done and performed on behalf of the School District any and all acts and things as may be necessary in connection with the Project in order to carrying out the purposes of this Resolution.

8. The proper officers of the School District are hereby authorized and directed to execute any and all papers, and to do and cause to be done any and all acts and things necessary and proper for the execution or the carrying out of this Resolution.

9. The School District's Director of Business Affairs is directed to make the financial information with respect to the Project available for inspection by interested citizens requesting such inspection at his administrative offices.

10. All resolutions or parts of resolutions inconsistent herewith be and the same are hereby superseded, rescinded, canceled, and annulled.

RESOLVED AND ADOPTED, this 28th day of May, 2013.

VOTING: Aye 7 Nay 0 Abstentions 0 Absent 2

IN WITNESS WHEREOF, we have hereunto set our signatures and affixed the seal of the School District.

ATTEST

PLUM BOROUGH SCHOOL DISTRICT

Cynthia M. Vento
Board Secretary

[Signature]
Board President

[SEAL]

I, the undersigned, Secretary of the Board of School Directors of the School District, do hereby certify that the foregoing is a true and correct copy of a Resolution duly adopted by the affirmative vote of the majority of the members of the Board of School Directors of the School District at a public meeting held on May 28, 2013, that proper notice of such meeting was duly given as required by law; and the said Resolution has been duly entered upon the minutes of said Board, showing how each member voted thereon.

Cynthia M. Vento
Board Secretary

(SEAL)

INTRODUCTION OF PROJECT

The purpose of the hearing, under Act 34 of the Commonwealth of Pennsylvania, is to have the appropriate school personnel; architect, underwriter and bond counsel present a proposal outlining the plans for the construction of a new Holiday Park Elementary School. Construction of the new elementary school is a direct result of the completion of a Feasibility Study Update to the district wide Facilities Assessment and Facility Study which was completed in 2010.

Over the years, the needs of the School District, students and staff have outgrown the site and building of the existing facility. The goals for the new building reflect the District's emphasis on the improvement of the teaching and learning environment, community partnership and the implementation of curriculum driven technology. In view of today's educational environment, the need for different types of spaces for learning, the increasing use of educational technology, along with the potential for residential growth within the attendance area, the new Holiday Park Elementary School must have the flexibility to meet the current and future needs of the students, staff and the community.

The proposed new Holiday Park Elementary School building project has been designed to align with the Plum Borough School District Mission Statement; *strive to achieve excellence in education by preparing students to take their place in the diverse and changing world of the 21st century. The District will provide a safe and stimulating environment that will support and promote critical thinking and lifelong learning.*

At the Act 34 hearing, we hope to accomplish the following:

- * To establish the need for the project.
- * To review the various options considered.
- * To present the estimated construction costs.
- * To present an analysis of financing costs.
- * To provide citizens and residents an opportunity to comment and to express views related to this project.

Proposed Project Description The New Holiday Park Elementary School

1. Background

Based on the District Wide Facility Study (DWFS) 2010 update conducted by L.R. Kimball, and in keeping with the DWFS Option ES 2B, the Plum Borough School District proceeded with the construction of a new Pivik K-6 Elementary School to replace the existing Pivik K-6 Elementary School. The new Pivik Elementary School was completed in 2012 and is currently online as one of five District K-6 Elementary Schools. Parallel with the decision to build a new Pivik Elementary School circa 2010, the Plum Borough School District Board of Directors also approved Plan Con Part A (project justification) for alterations to both the existing Adlai E Stevenson and Holiday Park K-6 Elementary Schools. Both of these projects received Part A approval from PDE. The District continued with the design strategies for alterations to both of these existing schools but could not arrive at an agreeable course of action to establish a scope of work and budget for the anticipated alterations to both existing schools. In the interim, the new Pivik Elementary School was completed and came on line in 2012. The completion and occupying of the new Pivik Elementary School gave the District a unique opportunity to cast a new perspective on the renovations strategy of both Adlai Stevenson and Holiday Park Elementary Schools particularly with the understanding that lower market construction values had permitted to the District to achieve significant savings in the anticipated construction costs for the new elementary. Fresh from the process of planning and constructing a new state of the art facility that addressed all elementary facility program requirements and a much closer construction cost delta between new construction and inclusive renovations than originally forecast, the District made the decision to "site adapt" the new elementary school just completed on the current Adlai Stevenson Elementary School site. The current Adlai Stevenson Elementary School will be closed and demolished to facilitate this action. This process of new construction versus renovations proved to be a unique "discovery phase" of the process for the District and provides an opportunity of great value. This second new K-6 Elementary School, in conjunction with some geographic re-districting, will ultimately replace both the existing Adlai E. Stevenson and Holiday Park K-6 Elementary Schools in lieu of inclusive renovations to those existing buildings. After the completion of the second new K-6 elementary school, the District will close the existing Holiday Park K-6 Elementary School. With the addition of the second new K-6 Elementary School, the Plum Borough School District will continue to operate both the existing Center and Regency Park K-6 Elementary Schools for a total of 4 District K-6 facilities to accommodate the District's entire K-6 enrollment.

2. Options Considered

The Plum Borough School District had considered renovating the existing Pivik Elementary school, as indicated in the 2010 District Wide Facility Study, prepared by L.R. Kimball. However, due to the age and configuration of the existing facility the cost delta between new construction and parity based renovations made it much more advantageous to build new.

There were a number of goals established as part of the Facility Study from the very beginning of the process. The first was to create parity for all of the elementary schools.

This would require modifications to several of the existing buildings, or, replacement of them, to provide similar education and facility opportunities at each of the remaining buildings.

The second was to improve the quality of life for the occupants of the elementary school buildings, in terms of commute times, physical learning environments, accessibility and average class size.

The third goal was to have geographical balance for the location of the elementary schools.

Next was to provide good value for the School District in return for the cost of the improvements. The intent was to raise both the educational quality and the perceived quality of the facilities for the benefit of the School District.

The fifth goal was to achieve the goals with the minimum cost impact, to act with fiscal responsibility, by providing the projects within the financial limits set by the School District.

The last goal was to provide low lifecycle costs, ease of operations and maintenance, while at the same time, providing good functionality and adaptability.

With these goals in mind, several of the options were eliminated when they could or would not be able to achieve most or all of the established goals.

3. Summary of Options Considered

From the original seventeen (17) options, the Architect worked with the School District to analyze the options, and develop a way to narrow the options to those that would be the most responsive in terms of the goals set at the beginning of the process. The result of the reduction in options left three (3) options that appeared to meet most of the requirements, and which met the criteria established by the goals for the Study. These options were indicated in the Feasibility Study as follows:

Option ES 2A

Option ES 2A maintains the current grade structure of K-6 in the existing elementary schools. This option was to renovate and expand Adlai Stevenson, Holiday Park and Pivik Elementary Schools, with any additional actions to be determined. Center Elementary and Regency Park Elementary Schools would not receive any work at this time. While this option would provide for most of the goals, it would not reach Parity and would not Improve Quality of Life, mainly due to existing conditions at Adlai Stevenson, Regency Park and Pivik Elementary Schools.

Option ES 2B

Option ES 2B maintains the current grade structure of K-6 of the existing elementary schools. This option would renovate and expand the existing Holiday Park and Adlai Stevenson Elementary Schools. This option also includes the construction of a new replacement school for the existing Pivik Elementary, while no work would be done at the existing Center Elementary and Regency Park Elementary Schools. This option meets most of the goals established, with the exception of the higher costs due to the construction of the new school. However, the benefits of constructing a new school,

based on the condition and the long term maintenance costs of the existing Pivik Elementary School, would indicate this may be the best option.

Option ES 1C

Option ES 1C maintains the current grade structure of K-6 and would include renovations to all five (5) of the existing buildings, with additions planned for Pivik and Regency Park. No work would be planned at this time for Center Elementary School. The declining enrollments shown in the enrollment projections done by demographer Dr. Shelby Stewman, of Carnegie Mellon University would indicate that maintaining five (5) schools would result in underutilization of some or all of the schools at some point in the future. While most of the goals could be achieved by this option, it appears that the Parity and Improve Quality of Life goals would not be reached due to the existing conditions at the existing Pivik and Adlai Stevenson Elementary Schools.

Following several public presentations and many discussions with the Board, it appeared that due to the many issues with the existing Pivik Elementary School, the initial economical impact of constructing a new Pivik Elementary would result in long term benefits.

Option ES 2D

Option ES 2D identifies 2 new District K-6 elementary schools as part of the overall plan of action for elementary facilities infrastructure. The current Pivik Elementary School which opened in 2012 was designated as one of the two new elementary schools and the second will be designated as Holiday Park. This second new elementary school will use the previous new Pivik Elementary design and site adapt it to another location resulting in reduced first costs and associated fees for the District. Option ES 2D continues the current District K-6 elementary grade alignment. This option also calls for District realignment to achieve the geographic balance summarized as one of the Districts strategic goals. Re-Districting will allow the entire District K-6 student population to be accommodated with a 4 building K-6 capacity (new Pivik, new Holiday Park, existing Center, and existing Regency Park). Option ES 2D with its inclusion of 2 new elementary schools most closely aligns with all the Districts strategic elementary goals; achieving parity of facilities, improving the quality of life for occupants, geographical balance, good value, minimum cost impact, and low life cycle costs by reducing maintenance and streamlining operations. During the construction phase of the new Holiday Park Elementary School and the closure and demolition of the current Adlai Stevenson Elementary School, those students will be temporarily housed in the former existing Pivik Elementary building.

4. Building Project Summary

A. Site :

The proposed site for the new Holiday Park Elementary School is at the location of the existing Adlai E Stevenson Elementary School which will be closed and demolished to facilitate construction of the new facility. This site location is shared with the current A.E. OBlock JHS and all required utilities, and site access is already established.

The following is included in the proposed site development:

- Green space bordering an existing residential neighborhood
- Large grass play area for limited athletic use.
- Hard-play area.
- Soft-play area.
- Separate bus and parent drop-offs.
- Adequate parking for staff, visitors and buses.

B. General Construction :

The proposed building design utilizes a compact floor plan which provides for two (2), two (2) story classroom wings, with common areas located at and connecting the two (2) wings, centered around a core of primary support spaces. Directly adjacent the main entrance, and a primary component of the core support spaces is the Administration suite. The main entrance will provide visual and physical security, by requiring visitors to enter the building only through the Administration Offices during school hours. The Administration suite includes a reception counter and adjacent work area, Principal's office, Conference Room and Guidance Office. Adjacent the Administration suite and part of the core space is the Nurse's suite with adequate space for office, exam room and support spaces. The classroom wings are accessible from the entrance on the main level via stairs at each end of the wings. The elevator for the facility is located adjacent to the main entrance, and centered in the building. Located near the main entrance, as part of the core spaces are the Multi-Purpose/Cafeteria, the full size Gymnasium, and the Media Center.

A Student entrance is located on the opposite side of the building from the main entrance, to provide a separation between visitors and the parent drop off areas. This entrance is located adjacent to the bus stacking area, and will allow students to enter the building directly from their buses without crossing any vehicular traffic areas.

The Kindergarten classrooms have a dedicated corridor which is directly adjacent the main entrance. The Kindergarten corridor has the administration suite on one end and an exit on the opposite end.

The Media Center is also associated with the core of the building and is located on the First floor, accessible from the main entrance.

Stacked over each other on two (2) floors for economy and also associated with core of the building are the toilet facilities. By orienting these facilities centrally within the building the need for multiple student and public restrooms is eliminated.

With the primary support spaces organized around the core, which is directly adjacent to the main entrance, the support spaces become readily accessible to the students and public. The spaces are consolidated and easily supervised during daily activities, as well as easily controlled and monitored during public functions and "after-hours" activities.

The classroom sizes are consistent with others within the District. Flexible space will accommodate changing educational programming along with the possibility of multiple activities within a single classroom

The following spaces are included in the proposed building design.

- Multi-Purpose/Cafeteria room equipped with space for a portable Stage/Platform at one end.
- Full size gymnasium with a dividing partition, separate from the Multi-Purpose/Cafeteria for added flexibility.
- Administration office with visual access and physical control of the main entrance.
- Separate, dedicated Student Entrance adjacent to bus stacking area
- Dedicated Kindergarten wing.
- Art Room with access to adjacent outdoor courtyard.
- Library/Media Learning Center with adjacent Computer Lab and Library Support Space.
- Faculty Rooms on each floor.
- Nurse's Suite.

The construction of the proposed building design will be consistent with the current buildings within the school district. The building will utilize a steel frame non-combustible construction throughout. The exterior will be a cavity wall system with brick veneer and concrete block back-up. The windows will be aluminum with insulated glass. The roof design will be a low slope roof. The interior partitions will be concrete block throughout. The building will be designed according to all applicable state and local building codes which include; Pennsylvania L&I, Universal Construction Code, International Building Code, National Fire Prevention Code and The Americans with Disabilities Act (ADA)

C. HVAC :

The building will be fully designed for heating, with cooling as a possible add alternate. The system will utilize a two-pipe hydronic system which is typical throughout the school district. The various heating and cooling units throughout the facility will be served by a gas-fired boiler located in the Mechanical room which is accessible via the service drive to the facility. The add alternate for cooling will consist of additional piping to supply chilled water from a central chiller. Classrooms will be served by individual unit ventilators in each classroom. The Multi-Purpose Room, Administration, Computer Classroom and Library will be served by individual Air Handling Units. These particular rooms may be operated for after hours use without operating the entire building system. System controls will be DDC type. All units will be connected by a building network system to the district facility network. All systems and design loads will be designed according to the appropriate building and energy codes.

D. Plumbing :

Domestic water will be provided by the Plum Borough Municipal Water Authority. The water service will enter the building in the mechanical room and then be distributed throughout the facility. A new sanitary sewer line will be extended from the school to the Plum Borough Municipal Authority sewer system. Storm water will be routed to the new exterior site drainage system. The sanitary waste and vent system, storm water system, domestic hot and cold water systems, will comply with the requirements of the 2009 International Plumbing Code, and the Allegheny County Plumbing Code.

Natural gas will be the fuel source for the domestic water heating and kitchen facilities. Gas service will be provided by Equitable Gas Company. The gas distribution systems will comply with the International Fuel Gas Code, NFPA 54 and the requirements of the gas company.

Plumbing fixtures in the public and staff areas will be vitreous china, Water closets and lavatories in public and main toilet rooms will be equipped with manual flush valves and faucets. All fixtures will be installed according to Americans with Disabilities Act (ADA).

E. Electrical :

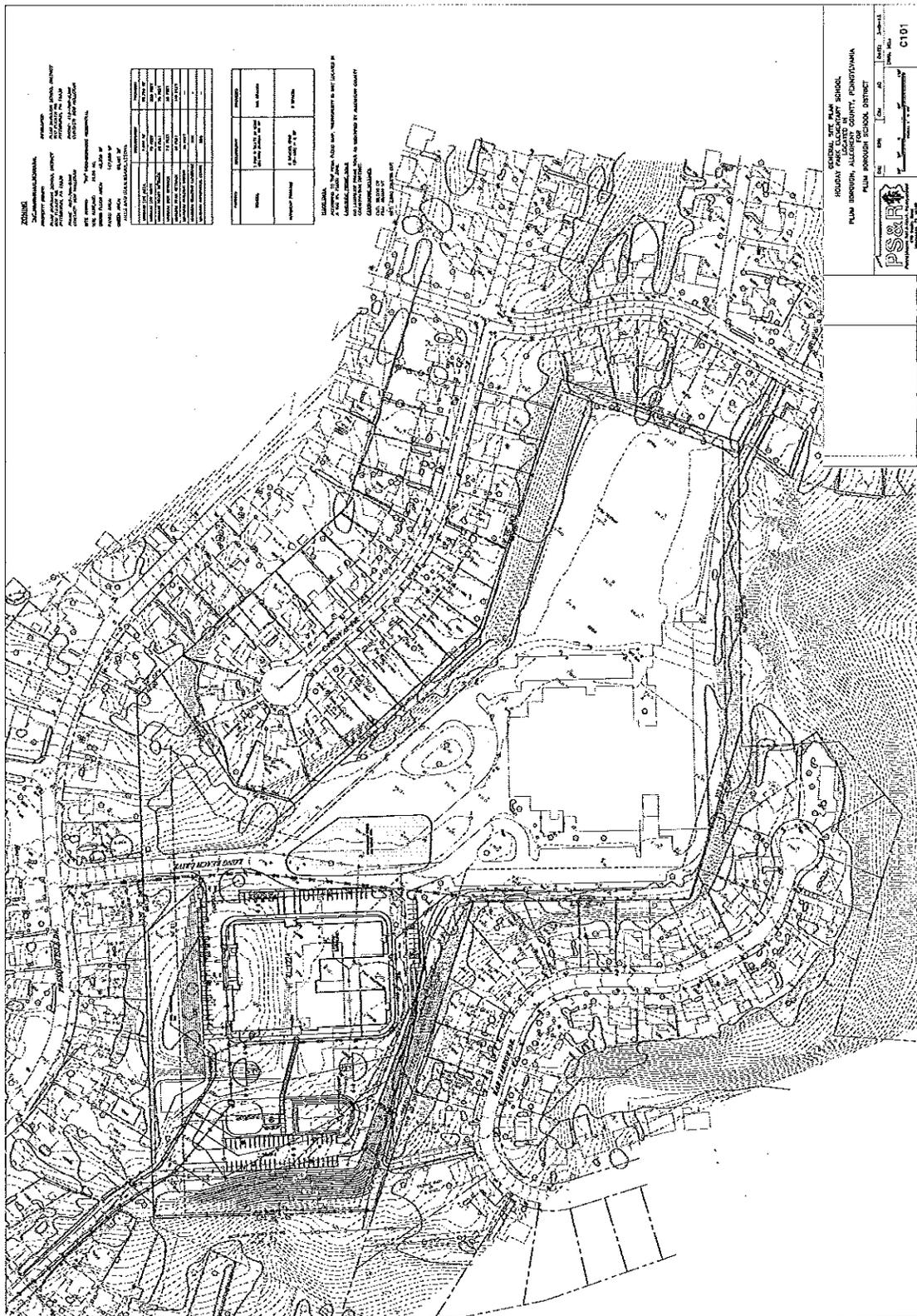
Electrical service will be obtained from Duquesne Light Company and will enter the building underground. Telephone, data and cable TV service will be obtained from Verizon Pennsylvania and will enter the building underground. The facility will be provided with a standby emergency generator to provide backup power in the event of loss of normal power. The generators will carry the life-safety, security and building heating water loads of the entire facility. The facility will be provided with a complete grounding and lightning protection system. Interior lighting will consist of energy efficient fluorescent fixtures in the entire building. Classroom lighting will consist of indirect pendent mounted fixtures. Exterior lighting will consist of primarily wall mounted with some pole mounted fixtures.

The facility will be provided with a complete electronic fire alarm system meeting International Electrical, International Fire Protection, National Electric and NFPA codes. Pull stations will be provided at all building entrances and at each control station. Smoke and heat detectors will be provided throughout the facility as required by code. Alarm horns and strobes will be provided throughout the facility as required per code. Annunciators will be provided at the main entrance. An automatic telephone dialer will be provided for connection to the local authorities. A complete intercommunications system will provide the school with telephone, PA clock/bell service.

5. Building Site/Floor Plans

Attached as follows

	Page
• Site Plan	17
• Enlarged Site Plan	18
• Overall First Floor Plan	19
• Overall Second Floor Plan	20



ZONING
 ZONING DISTRICT: R-1
 ZONING REGULATIONS: See City of Plainfield Zoning Ordinance, Chapter 170, Article 10, Section 10.01.

NO.	DESCRIPTION	DATE	BY
1	PRELIMINARY PLAN	10/15/10	PS&IR
2	FINAL PLAN	11/15/10	PS&IR
3	AS-BUILT	01/15/11	PS&IR
4	AS-BUILT	02/15/11	PS&IR
5	AS-BUILT	03/15/11	PS&IR
6	AS-BUILT	04/15/11	PS&IR
7	AS-BUILT	05/15/11	PS&IR
8	AS-BUILT	06/15/11	PS&IR
9	AS-BUILT	07/15/11	PS&IR
10	AS-BUILT	08/15/11	PS&IR
11	AS-BUILT	09/15/11	PS&IR
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19	AS-BUILT	05/15/12	PS&IR
20	AS-BUILT	06/15/12	PS&IR
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28	AS-BUILT	02/15/13	PS&IR
29	AS-BUILT	03/15/13	PS&IR
30	AS-BUILT	04/15/13	PS&IR
31	AS-BUILT	05/15/13	PS&IR
32	AS-BUILT	06/15/13	PS&IR
33	AS-BUILT	07/15/13	PS&IR
34	AS-BUILT	08/15/13	PS&IR
35	AS-BUILT	09/15/13	PS&IR
36	AS-BUILT	10/15/13	PS&IR
37	AS-BUILT	11/15/13	PS&IR
38	AS-BUILT	12/15/13	PS&IR
39	AS-BUILT	01/15/14	PS&IR
40	AS-BUILT	02/15/14	PS&IR
41	AS-BUILT	03/15/14	PS&IR
42	AS-BUILT	04/15/14	PS&IR
43	AS-BUILT	05/15/14	PS&IR
44	AS-BUILT	06/15/14	PS&IR
45	AS-BUILT	07/15/14	PS&IR
46	AS-BUILT	08/15/14	PS&IR
47	AS-BUILT	09/15/14	PS&IR
48	AS-BUILT	10/15/14	PS&IR
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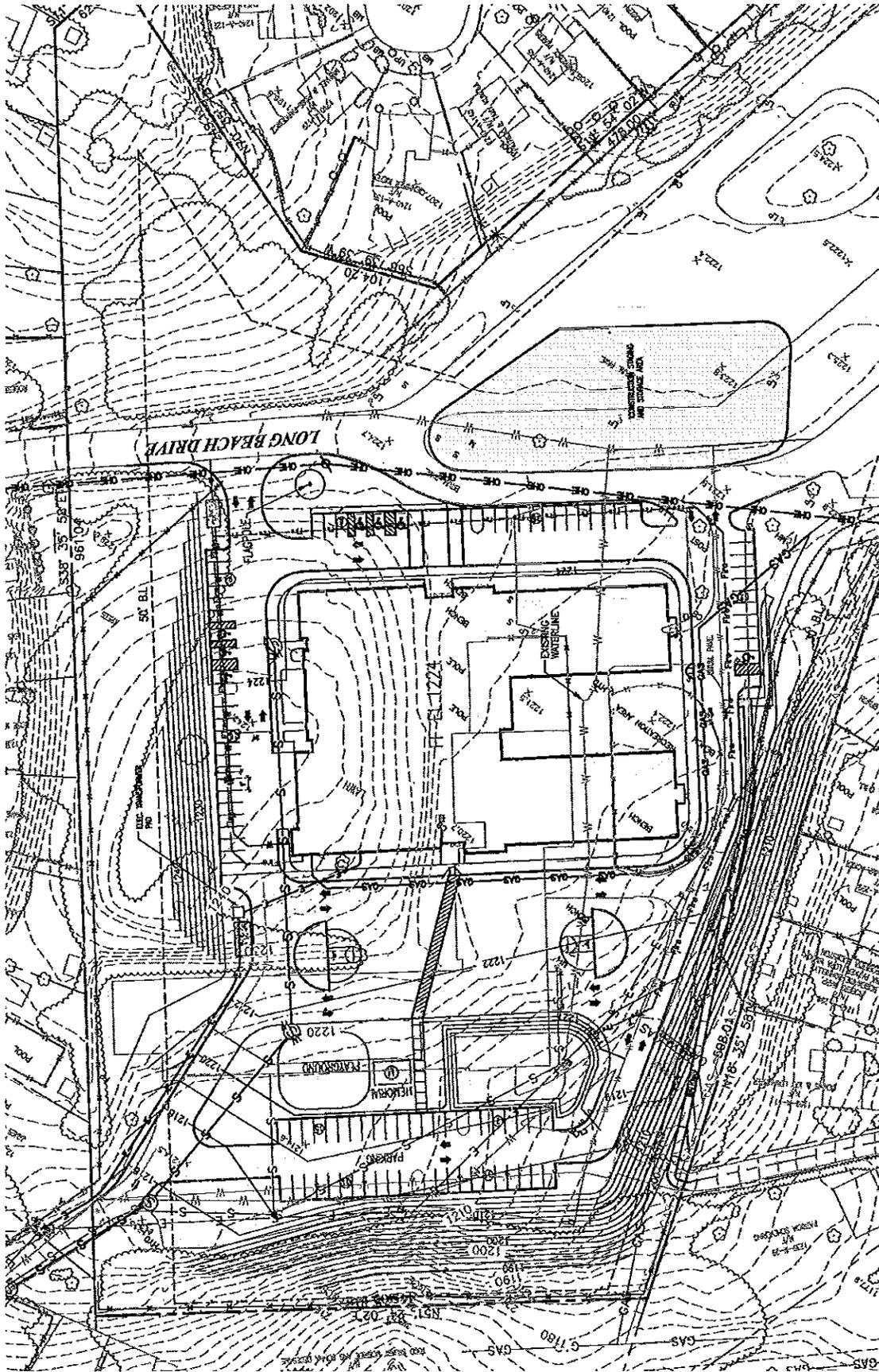
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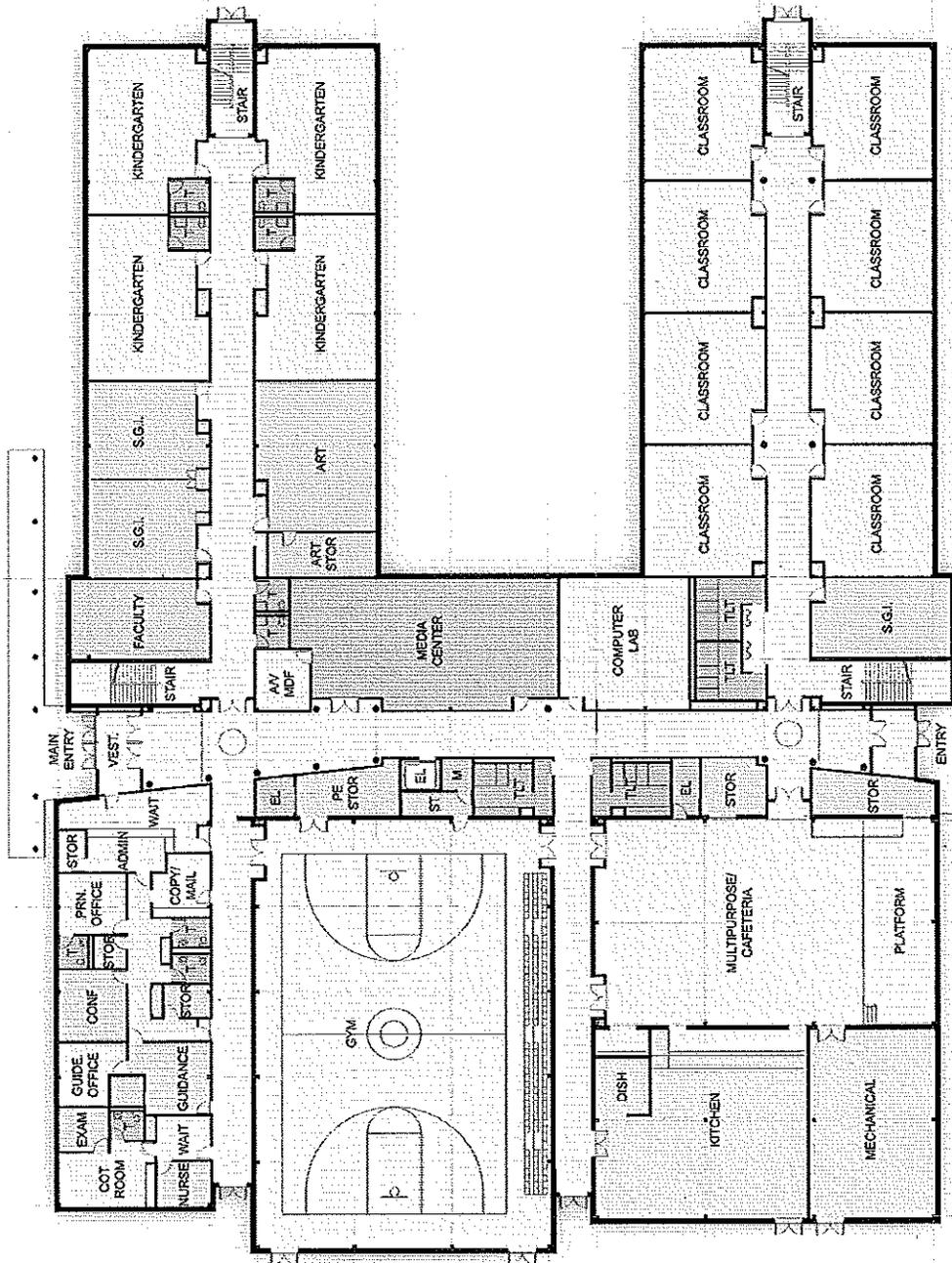
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 1. SEE ALL NOTES AND SPECIFICATIONS TO THE PLANS.
 2. ALL DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE.
 3. ALL DISTANCES ARE TO CENTERLINE UNLESS NOTED OTHERWISE.
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GENERAL SITE PLAN
 HOLIDAY PARK ELEMENTARY SCHOOL
 PLAIN BRIDGE, ALLAMANCH COUNTY, FLORIDA
 PLAIN BRIDGE SCHOOL DISTRICT

PS&IR
 PLANNING & SURVEYING, INC.
 10000 W. STATE ROAD 70, SUITE 100
 PLAIN BRIDGE, FLORIDA 32560
 PHONE: 352.329.1111
 FAX: 352.329.1112
 WWW.PSANDIR.COM

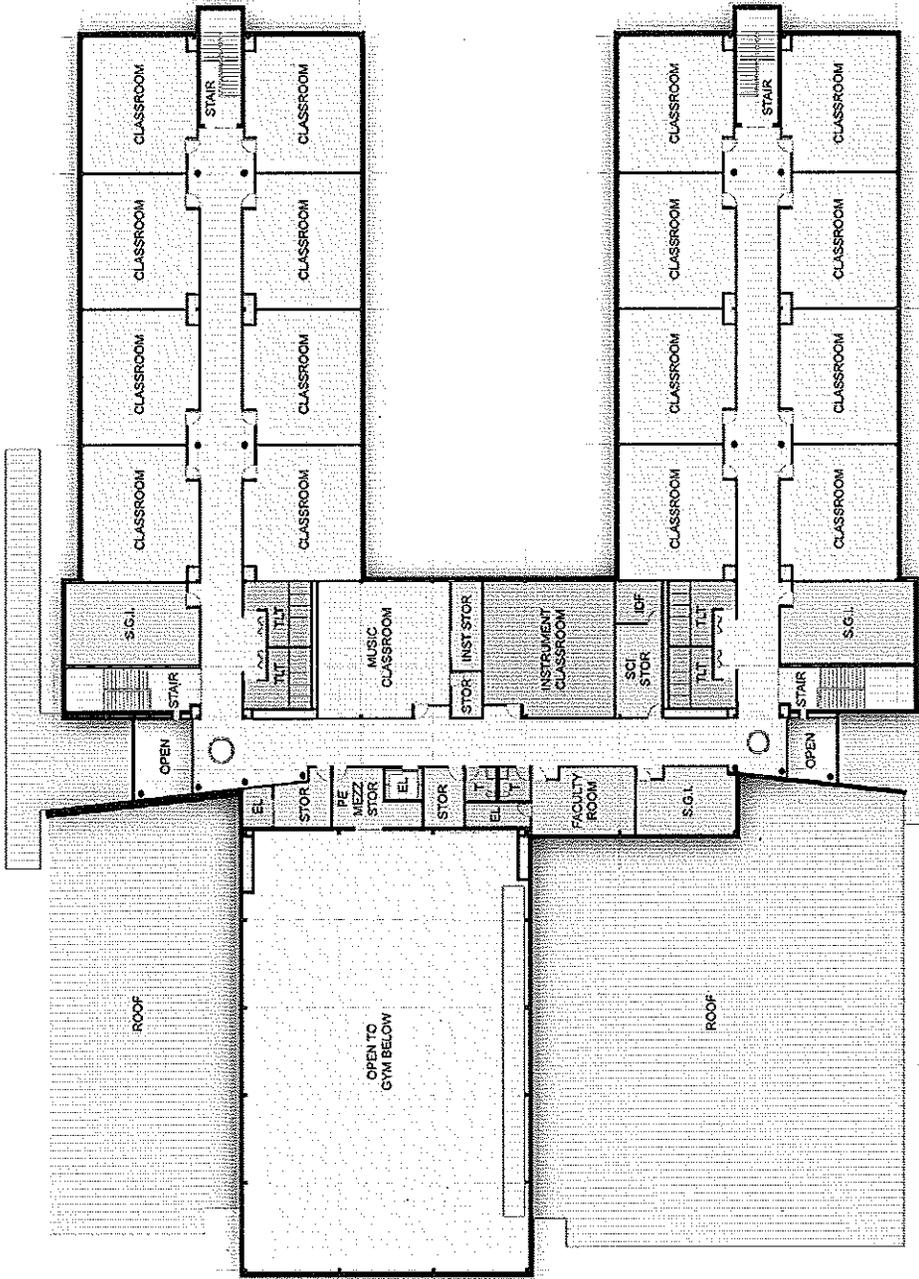
DATE: 11/15/10
 DRAWN BY: J. SMITH
 CHECKED BY: M. SMITH
 SCALE: AS SHOWN
 SHEET NO. C101





LEVEL ONE
 FLOOR PLAN

PLUM BOROUGH SCHOOL DISTRICT
 HOLIDAY PARK ELEMENTARY SCHOOL



LEVEL TWO
 FLOOR PLAN

PLUM BOROUGH SCHOOL DISTRICT
 HOLIDAY PARK ELEMENTARY SCHOOL

6. Cost Estimate (Plancon Data Sheets)

Attached as follows

	Page
• D02 Project Accounting Based on Estimates (1 of 2)	22
• D03 Project Accounting Based on Estimates (2 of 2)	23
• D04 Detailed Costs	24
• D20 Act 34 of 1973: Maximum Building Construction Cost for New Building or Substantial Addition Only	25
• A09 summary of District Owned Buildings and Land	26

PROJECT ACCOUNTING BASED ON ESTIMATES (1 of 2)			
District/CFD:	Project Name:	Project #:	
Plum Borough School District	New Elementary School	3608	
ROUND FIGURES TO NEAREST DOLLAR			
PROJECT COSTS	NEW	EXISTING	TOTAL
A. STRUCTURE COSTS (include site development)			
1. General (Report costs for sanitary sewage disposal on line E-1.)	11,344,000		11,344,000
2. Heating and Ventilating	1,660,000		1,660,000
3. Plumbing (Report costs for sanitary sewage disposal on line E-1.)	756,000		756,000
4. Electrical	2,032,000		2,032,000
5. Asbestos Abatement (D04, line C-3)	X X X X X X		
6. Building Purchase Amount	X X X X X X		
7. Other * (Exclude test borings and site survey)			
a. _____			
b. _____			
c. _____			
d. _____			
e. PlanCon-D-Add't Costs, Total			
A-1 to A-7 - Subtotal	15,792,000		15,792,000
8. Construction Insurance			
a. Owner Controlled Insurance Program on Structure Costs (Exclude asbestos abatement, building purchase and other structure costs not covered by the program)			
b. Builder's Risk Insurance (if not included in primes)			
c. Construction Insurance - Total			
9. TOTAL-Structure Costs (A-1 to A-7-Subtotal plus A-8-c)	15,792,000		15,792,000
B. ARCHITECT'S FEE			
1. Architect's/Engineer's Fee on Structure	473,760		473,760
2. EPA-Certified Project Designer's Fee on Asbestos Abatement	X X X X X X X X X X X X		
3. TOTAL - Architect's Fee	473,760		473,760
C. MOVABLE FIXTURES AND EQUIPMENT			
1. Movable Fixtures and Equipment	700,000		700,000
2. Architect's Fee	21,000		21,000
3. TOTAL - Movable Fixtures & Equipment	721,000		721,000
D. STRUCTURE COSTS, ARCHITECT'S FEE, MOVABLE FIXTURES & EQUIPMENT - TOTAL (A-9 plus B-3 and C-3)	16,986,760		16,986,760
E. SITE COSTS			
1. Sanitary Sewage Disposal	75,000		75,000
2. Sanitary Sewage Disposal Tap-In Fee and/or Capacity Charges	100,000		100,000
3. Owner Controlled Insurance Program/Builder's Risk Insurance on Sanitary Sewage Disposal			
4. Architect's/Engineer's Fee for Sanitary Sewage Disposal	10,500		10,500
5. Site Acquisition Costs		X X X X X X	
a. Gross Amount Due from Settlement Statement or Estimated Just Compensation		X X X X X X X X X X X X	
b. Real Estate Appraisal Fees		X X X X X X	
c. Other Related Site Acquisition Costs		X X X X X X	
d. Site Acquisition Costs - Total		X X X X X X	
6. TOTAL - Site Costs	185,500		185,500
F. STRUCTURE COSTS, ARCHITECT'S FEE, MOVABLE FIXTURES & EQUIPMENT, AND SITE COSTS - TOTAL (D plus E-6)	17,172,260		17,172,260

* Type "No Fee" beside each item for which no design fee is charged.

REVISED JULY 1, 2010

FORM EXPIRES 6-30-12

PLANCON-D02

PROJECT ACCOUNTING BASED ON ESTIMATES (2 of 2)					
District/CTC:	Project Name:		Project #:		
Plum Borough School District	New Elementary School		3608		
ROUND FIGURES TO NEAREST DOLLAR					
PROJECT COSTS (CONT.)				TOTAL	
G. ADDITIONAL CONSTRUCTION-RELATED COSTS					
1. Project Supervision (inc. Asbestos Abatement Project Supervision)					
2. Construction Manager Fee and Related Costs					
3. Total Demolition of Entire Existing Structures and Related Asbestos Removal to Prepare Project Site for Construction of New School Building and Related AHERA Clearance Air Monitoring and EPA-Certified Project Designer's Fee on Asbestos Abatement (Exclude costs for partial demolition.)				1,345,000	
4. Architectural Printing				30,000	
5. Test Borings				20,000	
6. Site Survey				25,000	
7. Other (attach schedule if needed)					
a. UCC Building permit, geotech				425,000	
b. PlanCon-D-Add't Costs, Total					
8. Contingency				789,600	
9. TOTAL - Additional Construction-Related Costs				2,634,600	
H. FINANCING COSTS FOR THIS PROJECT ONLY		BOND ISSUE/NOTE SERIES OF 2010	BOND ISSUE/NOTE SERIES OF 2012	BOND ISSUE/NOTE SERIES OF 2013	X X X X X X X X X X X X
1. Underwriter Fees		16,417	56,250	73,265	145,932
2. Legal Fees		3,524	20,500	6,546	30,569
3. Financial Advisor					
4. Bond Insurance			52,671	18,544	71,215
5. Paying Agent/Trustee Fees and Expenses		234	1,000	620	1,854
6. Capitalized Interest					
7. Printing			8,250	1,344	9,594
8. CUSIP & Rating Fees		21	9,979	3,114	13,114
9. Other					
a. Publication/DECD				1,102	1,102
b. _____					
10. TOTAL-Financing Costs		20,196	148,650	104,535	273,380
I. TOTAL PROJECT COSTS (F plus G-9 plus H-10)				20,080,240	
REVENUE SOURCES		BOND ISSUE/NOTE SERIES OF 2010	BOND ISSUE/NOTE SERIES OF 2012	BOND ISSUE/NOTE SERIES OF 2013	TOTAL
J. AMOUNT FINANCED FOR THIS PROJECT ONLY		2,055,000	7,500,000	9,770,000	19,325,000
K. ORIGINAL ISSUE DISCOUNT/ PREMIUM FOR THIS PROJECT ONLY			-157,194	891,778	734,584
L. INTEREST EARNINGS FOR THIS PROJECT ONLY		16,000		5,656	20,656
M. BUILDING INSURANCE RECEIVED					
N. PROCEEDS FROM SALE OF BUILDING OR LAND					
O. LOCAL FUNDS - CASH (SEE INSTRUCTIONS)					
P. OTHER FUNDS (ATTACH SCHEDULE)					
Q. TOTAL REVENUE SOURCES				20,080,240	

DETAILED COSTS			
District/CTC:	Project Name:	Project #:	
Plum Borough School District	New Elementary School	3608	
	NEW	EXISTING	TOTAL
A. SITE DEVELOPMENT COSTS (exclude Sanitary Sewage Disposal)			
1. General (include Rough Grading to Receive Building)	1,920,000		1,920,000
2. Heating and Ventilating			
3. Plumbing	575,000		575,000
4. Electrical	532,000		532,000
5. Other: _____			
6. Other: _____			
7. A-1 thru A-6 - Subtotal	3,027,000		3,027,000
8. Construction Insurance			
a. Owner Controlled Insurance Program on Site Development Costs			
b. Builder's Risk Insurance (if not included in primes)			
c. Construction Insurance - Subtotal			
9. Site Development Costs - Total	3,027,000		3,027,000
B. ARCHITECT'S FEE ON SITE DEVELOPMENT	90,810		90,810
			EXISTING
C. ASBESTOS ABATEMENT			
1. Asbestos Abatement			
2. AHERA Clearance Air Monitoring			
3. Asbestos Abatement - Total (D02, line A-5)			
D. EPA-CERTIFIED PROJECT DESIGNER'S FEE ON ASBESTOS ABATEMENT (D02, LINE B-2)			
E. ROOF REPLACEMENT/REPAIR			
1. Roof Replacement Repair			
2. Owner Controlled Insurance Program on Roof Replacement/Repair			
3. Builder's Risk Insurance (if not included in primes)			
4. Roof Replacement/Repair - Total			
F. ARCHITECT'S FEE ON ROOF REPLACEMENT/REPAIR			

REVISED JULY 1, 2010

FORM EXPIRES 6-30-12

PLANCON-D04

**ACT 34 OF 1973: MAXIMUM BUILDING CONSTRUCTION COST
FOR NEW BUILDING OR SUBSTANTIAL ADDITION ONLY**

District/CTC: Plum Borough School District	Project Name: New Elementary School	Project #: 3608
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Act 34 applies only to costs for new construction. The legal requirements do not address the costs for alterations to existing structures. For this reason, costs associated with the existing structure and other related costs should not be included in the following calculations.

A. STRUCTURE COST, ARCHITECT'S FEE, MOVABLE FIXTURES AND EQUIPMENT (D02, line D-NEW)		\$ 16,986,760
B. EXCLUDABLE COSTS FOR NEW CONSTRUCTION		
1. Site Development Costs (D04, line A-7-NEW)	\$ 3,027,000	
2. Architect's Fees on the above excludable costs	\$ 90,810	
3. Vocational Projects Only - Movable Fixtures & Equipment (D02, line C-3-NEW)	\$ _____	
4. Total Excludable Costs (B-1 plus B-2 and B-3)		\$ 3,117,810
C. ACT 34 MAXIMUM BUILDING CONSTRUCTION COST (A minus B-4)		\$ 13,868,950

THE FIGURE ON LINE A SHOULD NOT BE ADOPTED BY THE BOARD.

THE BOARD MUST ADOPT THE FIGURE ON LINE C BEFORE SCHEDULING THE FIRST ACT 34 HEARING.

IF THE MAXIMUM BUILDING CONSTRUCTION COST BASED ON BIDS IS EQUAL TO OR GREATER THAN THE MAXIMUM BUILDING CONSTRUCTION COST BASED ON ESTIMATES PLUS EIGHT PERCENT (LINE D), A SECOND PUBLIC HEARING WILL BE REQUIRED BEFORE ENTERING INTO CONTRACTS AND STARTING CONSTRUCTION ON ANY PLANNED WORK.

D. ACT 34 MAXIMUM BUILDING CONSTRUCTION COST TIMES 1.08 (C times 1.08)		\$ 14,978,466
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THE FIGURE ON LINE D SHOULD NOT BE ADOPTED BY THE BOARD.

ANALYSIS OF FINANCIAL ALTERNATIVES

We have analyzed four alternative methods of financing the proposed planning, designing, constructing, furnishing and equipment of the New Holiday Park Elementary (the "Project"). We also estimated the direct costs of financing as required by the Department of Education regulations issued November 4, 1978.

ANALYSIS OF ALTERNATIVES

The four alternatives of financing that we examined area:

1. Cash or a short-term loan.
2. General Obligation bond issues.
3. Local authority issue.
4. A financing through the State Public School Building Authority (SPSBA).

Analysis of the School District's financial states for recent years and of the financing projections prepared in connection with this project, and discussion with the School District's Administration indicated that cash financing is not feasible. The School District does not have the funds necessary to pay cash for its share of the Project, not does it appear that the School District would be able to raise the required amounts from its anticipated cash flow to meet the proposed construction schedule.

We then analyzed in detail the three alternatives that would require the School District to incur long-term debt: for each alternative, we estimated a bond issue and calculated the average annual debt service requirements. Financing costs for the local authority and the SPSBA were slightly higher, which resulted in a larger bond issue and higher annual payments. Bonds issued through either a local authority or the SPSBA would be classified as revenue bonds instead of General Obligation bonds. Interest rates on revenue bonds are slightly higher than interest rates that would be received on General Obligation bonds. This would result in higher annual debt service payments for the School District. The General Obligation alternative offers the School District the advantage of lower interest rates and more favorable refunding provisions. Based on these analyses and past performance, the least costly alternative for financing the Project is the General Obligation Bond issue.

The School District plans to use General Obligation Bonds to finance this Project.

For the purposes of this discussion, the comparison of financing methods is based on "level amortization", as well as the use of municipal bond insurance.

<u>Item</u>	<u>General Obligation</u>	<u>SPSBA (1)</u>	<u>Local Authority (2)</u>
Construction & Related Costs	\$19,806,860.00	\$19,806,860.00	\$19,806,860.00
Bond Insurance	66,527.01	66,775.09	66,819.46
Bond Discount	\$151,312.50	\$151,875.00	\$151,987.50
Fixed Costs of Issuance	\$71,000.00	\$74,000.00	\$89,000.00
Deposit to Debt Service Fund	1,358.39	\$4,244.92	\$3,873.79
Less: Net OID/OIP	(77,942.10)	(146,245.00)	(146,459.25)
Bond Issue	\$20,175,000.00	\$20,250,000.00	\$20,265,000.00
Debt Service Increase	\$1,097,203.04	\$1,101,294.38	\$1,102,026.25
Incremental Cost Difference	Base	\$4,091.34	\$4,823.21

- (1) A local authority and SPSBA annual payments are calculated assuming approximately a 3 basis point premium resulting from higher interest costs associated with selling revenue bonds vs. direct general obligation bonds.
- (2) A local authority would have annual administrative expenses plus additional legal fees for their solicitor.

STATE REIMBURSEMENT

The School District is eligible for State reimbursement for a portion of the principal and interest which the School District pays each year on the bonds. The amount of the reimbursement is determined by two factors: the percentage of the Project determined by the Department of Education to be reimbursable and the School District's Market Value Aid Ratio ("MVAR") of .7084. It is estimated (by the architectural firm) that the Project would be eligible for a approximately \$3,716,935 in reimbursement. Based on a pro-forma for a bond issue sized for this project, the reimbursement percentage (as estimated by the architecture firm) would be approximately 25.84%. The School District's current MVAR percentage is 70.84%. When these two percentages are multiplied, the result is an "effective" reimbursable percentage of 18.26%. Therefore, for each dollar paid by the School District toward principal and interest, the State will reimburse the School District 18.26 cents for the Project.

INDIRECT COSTS

As a result of the completion of this proposed Project, based on calculations and reviews of the potential for additional costs, it was determined there will be no additional indirect costs associated with services to be provided to accomplish long-range objectives of the School District. In fact, there will be a savings with the new building due to energy efficiency, reduction of facilities, and staffing. As a result, the indirect costs associated with the project will be \$0.00 annually.

School District officials have reviewed the following indirect costs associated with the Project to be as follows:

Line #	Description of Annual Indirect Costs (one year)	Adlai Stevenson	Existing Holiday Park	Combined Totals	Less: New Holiday Park	Equals Estimated Net Savings
Salaries & Benefits						
1	Administrative Personnel Salaries & Benefits - Principal (1)	\$(102,961)		\$(102,961)	0	\$(102,961)
2	Professional Teaching Staff Salaries & Benefits (6)	(195,000)	\$(195,000)	(390,000)	0	(390,000.00)
3	Secretarial Support Personnel Salaries & Benefits (1)	(54,500)		(54,500)	0	(54,500.00)
4	Paraprofessional Support Personnel Salaries & Benefits (3)	(45,406)	(25,857)	(71,263)	0	(71,263.00)
5	Custodial & Maintenance Personnel Salaries & Benefits (1)	(37,000)	(37,000)	(74,000)	0	(74,000.00)
6	Total Estimated Salaries & Benefits Savings:	\$(434,867)	\$(257,857)	\$(692,724)	\$	\$(692,724)
Other Costs						
7	Custodial & Maintenance Supplies	\$(10,000)	\$(10,000)	\$(20,000)	\$4,000	\$(16,000)
8	Contracted Maintenance & Repairs	(18,800)	(18,800)	(37,600)	2,000	(35,600)
9	Student Transportation Costs (busing)	(3,000)	(3,000)	(6,000)	3,000	(3,000)
10	Trash Removal	(3,840)	(3,840)	(7,680)	3,840	(3,840)
11	Grass Cutting / Snow Removal Services	(1,500)	(1,500)	(3,000)	1,500	(1,500)
12	Security Monitoring Services	(440)	(440)	(880)	440	(440)
13	Carpet Cleaning Service	(250)	(250)	(500)	0	(500)
14	School Police for Events	(150)	(150)	(300)	150	(150)
15	Property Insurance	(10,600)	(10,600)	(21,200)	10,600	(10,600)
16	Fire Extinguisher Service	(400)	(400)	(800)	400	(400)
17	Painting	(45,000)	(40,000)	(85,000)	0	(85,000)
18	Replacement Equipment	(14,500)	(14,500)	(29,000)	0	(29,000)
19	Dust Mops / Walk off Mats Service	(150)	(150)	(300)	150	(150)

Line #	Description of Annual Indirect Costs (one year)	Adlai Stevenson	Existing Holiday Park	Combined Totals	Less: New Holiday Park	Equals Estimated Net Savings
20	<i>Total Estimated Other Costs Savings:</i>	<i>\$(110,710)</i>	<i>\$(105,710)</i>	<i>\$(216,420)</i>	<i>\$26,080</i>	<i>\$(186,180)</i>
Utilities						
21	Water	\$(2,332)	\$(2,250)	\$(4,582)	\$(2,250)	\$(6,832)
22	Sewage (est.)	(5,300)	(5,300)	(10,600)	(5,300)	(15,900)
23	Gas	(31,193)	(28,597)	(59,790)	24,000	(35,790)
24	Electric	(28,597)	(23,736)	(52,333)	22,000	(30,333)
25	Communications (telephones) & Network Fees	(2,080)	(2,080)	(4,160)	2,080	(2,080)
26	<i>Total Estimated Utilities Cost Savings:</i>	<i>\$(69,502)</i>	<i>\$(61,963)</i>	<i>\$(131,465)</i>	<i>\$40,530</i>	<i>\$(90,935)</i>
27	Grand Totals:	\$(787,017)	370,530)	\$1,157,547	\$133,220	\$(969,839)

Total Millage Impact of the bond issue that will be used to fund the Project shown in Exhibit A is .29 mills. This amount, combined with the estimated annual indirect cost savings, which are \$969,839, results in a total, in mills, of .682 mills, based on 18.444 mills.

Estimated value of one mill = \$1,377,655

EXHIBIT "A"

DEBT SERVICE

The following is a summary of the annual debt service, reimbursement, local effort and millage equivalent of the direct costs of the Project.

	<u>Project Cost</u>
Series of 2010 - Debt Service Increase	\$88,645
Series A of 2012 - Debt Service Increase	249,483
Series E of 2013 - Debt Service Increase	<u>605,830</u>
(1) Total	943,958
Estimated Reimbursement	\$172,367
Estimated Local Effort	\$771,591
Millage Equivalent of Annual Debt Service	0.69
Millage Equivalent of Annual Reimbursement	0.13
Millage Equivalent of Annual Local Effort	0.56

Assumes gross reimbursable costs of \$5,246,944; MVAR percentage of .70.84%; and the valuation of one mill of Real Estate Taxes at \$1,377,655.

(1) The Debt Service Increase was calculated based on a wrap-around structure meaning that the 2010 Bonds, 2012A and 2013E bonds will, for the most part, amortize in the years 2032 and thereafter in order to maintain the lowest millage impact. It is assumed this will be a onetime increase in order to service the 2010, 2012A and 2013E Bonds. See page 22.

Note: The estimated FY14/15 net debt service is approximately \$5,819,749 or 4.22 mills. The estimated millage associated with the project should be phased in FY14/15

Plum Borough School District
General Obligation Bonds, (Build America Bonds) Series of 2010

General Obligation Bonds, (Build America Bonds) Series of 2010 (This debt service represents a portion of the total issue size)

Date	Principal	Coupon	Interest	BAB Credit	Semi-Annual Debt Service	ESTMATED Reimbursement 18.26%	Net Semi-Annual Debt Service	Net Annual Debt Service	Millage Increase
									1,377,655.00
9/15/10			70,741.08	(24,759.38)	45,981.70	8,396.26	37,585.44		
3/15/11			65,636.05	(22,972.62)	42,663.43	7,790.34	34,873.09	72,458.53	0.05 Mills
9/15/11			65,636.05	(22,972.62)	42,663.43	7,790.34	34,873.09		
3/15/12	5,000.00	5.364%	65,636.05	(22,972.62)	47,663.43	8,703.34	38,960.09	73,833.18	
9/15/12			65,501.95	(22,925.68)	42,576.27	7,774.43	34,801.84		
3/15/13	5,000.00	5.364%	65,501.95	(22,925.68)	47,576.27	8,687.43	38,888.84	73,690.68	
9/15/13			65,367.85	(22,878.75)	42,489.10	7,758.51	34,730.59		
3/15/14	5,000.00	5.364%	65,367.85	(22,878.75)	47,489.10	8,671.51	38,817.59	73,548.18	
9/15/14			65,233.75	(22,831.81)	42,401.94	7,742.59	34,659.34		
3/15/15	5,000.00	5.364%	65,233.75	(22,831.81)	47,401.94	8,655.59	38,746.34	73,405.69	
9/15/15			65,099.65	(22,784.88)	42,314.77	7,726.68	34,588.10		
3/15/16	5,000.00	5.364%	65,099.65	(22,784.88)	47,314.77	8,639.68	38,675.10	73,263.19	
9/15/16			64,965.55	(22,737.94)	42,227.61	7,710.76	34,516.85		
3/15/17	5,000.00	5.364%	64,965.55	(22,737.94)	47,227.61	8,623.76	38,603.85	73,120.69	
9/15/17			64,831.45	(22,691.01)	42,140.44	7,694.84	34,445.60		
3/15/18	10,000.00	5.364%	64,831.45	(22,691.01)	52,140.44	9,520.84	42,619.60	77,065.20	
9/15/18			64,563.25	(22,597.14)	41,966.11	7,663.01	34,303.10		
3/15/19	5,000.00	5.364%	64,563.25	(22,597.14)	46,966.11	8,576.01	38,390.10	72,693.20	
9/15/19			64,429.15	(22,550.20)	41,878.95	7,647.10	34,231.85		
3/15/20	10,000.00	5.364%	64,429.15	(22,550.20)	51,878.95	9,473.10	42,405.85	76,637.70	
9/15/20			64,160.95	(22,456.33)	41,704.62	7,615.26	34,089.35		
3/15/21	10,000.00	5.364%	64,160.95	(22,456.33)	51,704.62	9,441.26	42,263.35	76,352.71	
9/15/21			63,892.75	(22,362.46)	41,530.29	7,583.43	33,946.86		
3/15/22	10,000.00	6.395%	63,892.75	(22,362.46)	51,530.29	9,409.43	42,120.86	76,067.71	
9/15/22			63,573.00	(22,250.55)	41,322.45	7,545.48	33,776.97		
3/15/23	-	6.395%	63,573.00	(22,250.55)	41,322.45	7,545.48	33,776.97	67,553.94	
9/15/23			63,573.00	(22,250.55)	41,322.45	7,545.48	33,776.97		
3/15/24	-	6.395%	63,573.00	(22,250.55)	41,322.45	7,545.48	33,776.97	67,553.94	
9/15/24			63,573.00	(22,250.55)	41,322.45	7,545.48	33,776.97		
3/15/25	-	6.395%	63,573.00	(22,250.55)	41,322.45	7,545.48	33,776.97	67,553.94	
9/15/25			63,573.00	(22,250.55)	41,322.45	7,545.48	33,776.97		
3/15/26	-	6.395%	63,573.00	(22,250.55)	41,322.45	7,545.48	33,776.97	67,553.94	
9/15/26			63,573.00	(22,250.55)	41,322.45	7,545.48	33,776.97		
3/15/27	-	6.395%	63,573.00	(22,250.55)	41,322.45	7,545.48	33,776.97	67,553.94	
9/15/27			63,573.00	(22,250.55)	41,322.45	7,545.48	33,776.97		
3/15/28	-	6.395%	63,573.00	(22,250.55)	41,322.45	7,545.48	33,776.97	67,553.94	
9/15/28			63,573.00	(22,250.55)	41,322.45	7,545.48	33,776.97		
3/15/29	-	6.395%	63,573.00	(22,250.55)	41,322.45	7,545.48	33,776.97	67,553.94	
9/15/29			63,573.00	(22,250.55)	41,322.45	7,545.48	33,776.97		
3/15/30	-	6.395%	63,573.00	(22,250.55)	41,322.45	7,545.48	33,776.97	67,553.94	
9/15/30			63,573.00	(22,250.55)	41,322.45	7,545.48	33,776.97		
3/15/31	-	6.395%	63,573.00	(22,250.55)	41,322.45	7,545.48	33,776.97	67,553.94	
9/15/31			63,573.00	(22,250.55)	41,322.45	7,545.48	33,776.97		
3/15/32	420,000.00	6.395%	63,573.00	(22,250.55)	461,322.45	84,237.48	377,084.97	410,861.94	
9/15/32			50,143.50	(17,550.23)	32,593.28	5,951.53	26,641.74		
3/15/33	510,000.00	6.395%	50,143.50	(17,550.23)	542,593.28	99,077.53	443,515.74	470,157.49	
9/15/33			33,836.25	(11,842.69)	21,993.56	4,016.02	17,977.54		
3/15/34	610,000.00	6.445%	33,836.25	(11,842.69)	631,993.56	115,402.02	516,591.54	534,569.08	
9/15/34			14,179.00	(4,962.65)	9,216.35	1,682.91	7,533.44		
3/15/35	440,000.00	6.445%	14,179.00	(4,962.65)	449,216.35	82,026.91	367,189.44	374,722.89	
9/15/35			-	-	-	-	-		
3/15/36	-		-	-	-	-	-		
9/15/36			-	-	-	-	-		
3/15/37	-		-	-	-	-	-		
9/15/37			-	-	-	-	-		
3/15/38	-		-	-	-	-	-		
9/15/38			-	-	-	-	-		
3/15/39	-		-	-	-	-	-		
9/15/39			-	-	-	-	-		
3/15/40	-		-	-	-	-	-		
Total	2,055,000.00		3,031,519.33	(1,061,031.76)	4,025,487.56	735,054.03	3,290,433.53	3,290,433.53	0.05 Mills

**Plum Borough School District
General Obligation Bonds, Series A of 2012**

General Obligation Bonds, Series A of 2012

Date	Principal	Coupon	Interest	Semi-Annual Debt Service	ESTIMATED Reimbursement 18.26%	Net Semi-Annual Debt Service	Net Annual Debt Service	Millage Increase
								1,377,655.00
9/15/10					-	-		
3/15/11					-	-		
9/15/11					-	-		
3/15/12					-	-		
9/15/12					-	-		
3/15/13			97,020.97	97,020.97	17,716.03	79,304.94	79,304.94	0.06 Mills
9/15/13			124,741.25	124,741.25	22,777.75	101,963.50		
3/15/14			124,741.25	124,741.25	22,777.75	101,963.50	203,927.00	0.09 Mills
9/15/14			124,741.25	124,741.25	22,777.75	101,963.50		
3/15/15			124,741.25	124,741.25	22,777.75	101,963.50	203,927.00	
9/15/15	5,000.00	1.00%	124,741.25	129,741.25	23,690.75	106,050.50		
3/15/16			124,716.25	124,716.25	22,773.19	101,943.06	207,993.56	
9/15/16	5,000.00	1.00%	124,716.25	129,716.25	23,686.19	106,030.06		
3/15/17			124,691.25	124,691.25	22,768.62	101,922.63	207,952.69	
9/15/17	5,000.00	1.25%	124,691.25	129,691.25	23,681.62	106,009.63		
3/15/18			124,660.00	124,660.00	22,762.92	101,897.08	207,906.71	
9/15/18	5,000.00	1.50%	124,660.00	129,660.00	23,675.92	105,984.08		
3/15/19			124,622.50	124,622.50	22,756.07	101,866.43	207,850.52	
9/15/19	5,000.00	1.75%	124,622.50	129,622.50	23,669.07	105,953.43		
3/15/20			124,578.75	124,578.75	22,748.08	101,830.67	207,784.10	
9/15/20	5,000.00	2.00%	124,578.75	129,578.75	23,661.08	105,917.67		
3/15/21			124,528.75	124,528.75	22,738.95	101,789.80	207,707.47	
9/15/21	5,000.00	2.25%	124,528.75	129,528.75	23,651.95	105,876.80		
3/15/22			124,472.50	124,472.50	22,728.68	101,743.82	207,620.62	
9/15/22	5,000.00	2.40%	124,472.50	129,472.50	23,641.68	105,830.82		
3/15/23			124,412.50	124,412.50	22,717.72	101,694.78	207,525.60	
9/15/23	5,000.00	3.25%	124,412.50	129,412.50	23,630.72	105,781.78		
3/15/24			124,331.25	124,331.25	22,702.89	101,628.36	207,410.14	
9/15/24	5,000.00	3.25%	124,331.25	129,331.25	23,615.89	105,715.36		
3/15/25			124,250.00	124,250.00	22,688.05	101,561.95	207,277.31	
9/15/25	5,000.00	3.25%	124,250.00	129,250.00	23,601.05	105,648.95		
3/15/26			124,168.75	124,168.75	22,673.21	101,495.54	207,144.49	
9/15/26	5,000.00	3.25%	124,168.75	129,168.75	23,586.21	105,582.54		
3/15/27			124,087.50	124,087.50	22,658.38	101,429.12	207,011.66	
9/15/27	5,000.00	3.25%	124,087.50	129,087.50	23,571.38	105,516.12		
3/15/28			124,006.25	124,006.25	22,643.54	101,362.71	206,878.83	
9/15/28	5,000.00	3.25%	124,006.25	129,006.25	23,556.54	105,449.71		
3/15/29			123,925.00	123,925.00	22,628.71	101,296.30	206,746.00	
9/15/29	5,000.00	3.25%	123,925.00	128,925.00	23,541.71	105,383.30		
3/15/30			123,843.75	123,843.75	22,613.87	101,229.88	206,613.18	
9/15/30	5,000.00	3.25%	123,843.75	128,843.75	23,526.87	105,316.88		
3/15/31			123,762.50	123,762.50	22,599.03	101,163.47	206,480.35	
9/15/31	5,000.00	3.25%	123,762.50	128,762.50	23,512.03	105,250.47		
3/15/32			123,681.25	123,681.25	22,584.20	101,097.05	206,347.52	
9/15/32	5,000.00	3.25%	123,681.25	128,681.25	23,497.20	105,184.05		
3/15/33			123,600.00	123,600.00	22,569.36	101,030.64	206,214.69	
9/15/33	5,000.00	3.25%	123,600.00	128,600.00	23,482.36	105,117.64		
3/15/34			123,518.75	123,518.75	22,554.52	100,964.23	206,081.87	
9/15/34	1,415,000.00	3.25%	123,518.75	1,538,518.75	280,933.52	1,257,585.23		
3/15/35			100,525.00	100,525.00	18,355.87	82,169.14	1,339,754.36	
9/15/35	5,220,000.00	3.35%	100,525.00	5,320,525.00	971,527.87	4,348,997.14		
3/15/36			13,090.00	13,090.00	2,390.23	10,699.77	4,359,696.90	
9/15/36	770,000.00	3.40%	13,090.00	783,090.00	142,992.23	640,097.77		
3/15/37			-	-	-	-	640,097.77	
9/15/37			-	-	-	-		
3/15/38			-	-	-	-		
9/15/38			-	-	-	-		
3/15/39			-	-	-	-		
9/15/39			-	-	-	-		
3/15/40			-	-	-	-		
Total	7,500,000.00		5,667,672.22	13,167,672.22	2,404,416.95	10,763,255.27	10,763,255.27	0.15 Mills

**Plum Borough School District
General Obligation Bonds, Series E of 2013**

General Obligation Bonds, Series E of 2013 (This debt service represents a portion of the total issue size)								Millage Increase 1,377,655.00
Date	Principal	Coupon	Interest	Semi-Annual Debt Service	ESTIMATED Reimbursement 18.26%	Net Semi-Annual Debt Service	Net Annual Debt Service	
9/15/10					-	-		
3/15/11					-	-		
9/15/11					-	-		
3/15/12					-	-		
9/15/12					-	-		
3/15/13					-	-		
9/15/13	35,000.00	1.00%	97,912.82	132,912.82	24,269.88	108,642.94		
3/15/14			206,390.00	206,390.00	37,686.81	168,703.19	277,346.12	0.20 Mills
9/15/14	195,000.00	2.00%	206,390.00	401,390.00	73,293.81	328,096.19		
3/15/15			204,440.00	204,440.00	37,330.74	167,109.26	495,205.44	0.16 Mills
9/15/15	195,000.00	2.00%	204,440.00	399,440.00	72,937.74	326,502.26		
3/15/16			202,490.00	202,490.00	36,974.67	165,515.33	492,017.58	
9/15/16	200,000.00	2.00%	202,490.00	402,490.00	73,494.67	328,995.33		
3/15/17			200,490.00	200,490.00	36,609.47	163,880.53	492,875.85	
9/15/17	175,000.00	2.00%	200,490.00	375,490.00	68,564.47	306,925.53		
3/15/18			198,740.00	198,740.00	36,289.92	162,450.08	469,375.60	
9/15/18	185,000.00	2.00%	198,740.00	383,740.00	70,070.92	313,669.08		
3/15/19			196,890.00	196,890.00	35,952.11	160,937.89	474,606.96	
9/15/19	185,000.00	2.00%	196,890.00	381,890.00	69,733.11	312,156.89		
3/15/20			195,040.00	195,040.00	35,614.30	159,425.70	471,582.58	
9/15/20	190,000.00	2.00%	195,040.00	385,040.00	70,308.30	314,731.70		
3/15/21			193,140.00	193,140.00	35,267.36	157,872.64	472,604.33	
9/15/21	195,000.00	2.10%	193,140.00	388,140.00	70,874.36	317,265.64		
3/15/22			191,092.50	191,092.50	34,893.49	156,199.01	473,464.65	
9/15/22	200,000.00	2.30%	191,092.50	391,092.50	71,413.49	319,679.01		
3/15/23			188,792.50	188,792.50	34,473.51	154,318.99	473,998.00	
9/15/23	130,000.00	2.55%	188,792.50	318,792.50	58,211.51	260,580.99		
3/15/24			187,135.00	187,135.00	34,170.85	152,964.15	413,545.14	
9/15/24	135,000.00	2.70%	187,135.00	322,135.00	58,821.85	263,313.15		
3/15/25			185,312.50	185,312.50	33,838.06	151,474.44	414,787.59	
9/15/25	140,000.00	3.00%	185,312.50	325,312.50	59,402.06	265,910.44		
3/15/26			183,212.50	183,212.50	33,454.60	149,757.90	415,668.34	
9/15/26	145,000.00	3.00%	183,212.50	328,212.50	59,931.60	268,280.90		
3/15/27			181,037.50	181,037.50	33,057.45	147,980.05	416,260.95	
9/15/27	155,000.00	3.00%	181,037.50	336,037.50	61,360.45	274,677.05		
3/15/28			178,712.50	178,712.50	32,632.90	146,079.60	420,756.65	
9/15/28	155,000.00	3.30%	178,712.50	333,712.50	60,935.90	272,776.60		
3/15/29			176,155.00	176,155.00	32,165.90	143,989.10	416,765.69	
9/15/29	155,000.00	3.30%	176,155.00	331,155.00	60,468.90	270,686.10		
3/15/30			173,597.50	173,597.50	31,698.90	141,898.60	412,584.69	
9/15/30	165,000.00	3.30%	173,597.50	338,597.50	61,827.90	276,769.60		
3/15/31			170,875.00	170,875.00	31,201.78	139,673.23	416,442.82	
9/15/31	5,000.00	5.00%	170,875.00	175,875.00	32,114.78	143,760.23		
3/15/32			170,750.00	170,750.00	31,178.95	139,571.05	283,331.28	
9/15/32	5,000.00	5.00%	170,750.00	175,750.00	32,091.95	143,658.05		
3/15/33			170,625.00	170,625.00	31,156.13	139,468.88	283,126.93	
9/15/33	5,000.00	5.00%	170,625.00	175,625.00	32,069.13	143,555.88		
3/15/34			170,500.00	170,500.00	31,133.30	139,366.70	282,922.58	
9/15/34	50,000.00	5.00%	170,500.00	220,500.00	40,263.30	180,236.70		
3/15/35			169,250.00	169,250.00	30,905.05	138,344.95	318,581.65	
9/15/35	95,000.00	5.00%	169,250.00	264,250.00	48,252.05	215,997.95		
3/15/36			166,875.00	166,875.00	30,471.38	136,403.63	352,401.58	
9/15/36	3,350,000.00	5.00%	166,875.00	3,516,875.00	642,181.38	2,874,693.63		
3/15/37			83,125.00	83,125.00	15,178.63	67,946.38	2,942,640.00	
9/15/37	3,325,000.00	5.00%	83,125.00	3,408,125.00	622,323.63	2,785,801.38		
3/15/38			-	-	-	-	2,785,801.38	
9/15/38			-	-	-	-		
3/15/39			-	-	-	-		
9/15/39			-	-	-	-		
3/15/40			-	-	-	-		
Total	9,770,000.00		8,787,247.82	18,557,247.82	3,388,553.45	15,168,694.37	15,168,694.37	0.36 Mills

**Plum Borough School District
Combined NET Debt Service**

Summary of Outstanding Debt Service

Date	Outstanding Debt Service	Series of 2010 Debt Service	Series A of 2012 Debt Service	Series of 2013 Debt Service	Semi-Annual Debt Service	Annual Debt Service
9/15/10	3,648,197.33	37,585.44	-	-	3,685,782.78	
3/15/11	1,653,626.78	34,873.09	-	-	1,688,499.87	5,374,282.65
9/15/11	3,657,605.28	34,873.09	-	-	3,692,478.37	
3/15/12	1,657,855.18	38,960.09	-	-	1,696,815.26	5,389,293.63
9/15/12	3,706,209.05	34,801.84	-	-	3,741,010.89	
3/15/13	1,477,112.16	38,888.84	79,304.94	-	1,595,305.94	5,336,316.83
9/15/13	3,650,043.62	34,730.59	101,963.50	108,642.94	3,895,380.65	
3/15/14	1,354,222.51	38,817.59	101,963.50	168,703.19	1,663,706.79	5,559,087.44
9/15/14	3,726,296.82	34,659.34	101,963.50	328,096.19	4,191,015.84	
3/15/15	1,320,913.89	38,746.34	101,963.50	167,109.26	1,628,732.99	5,819,748.83
9/15/15	3,751,857.13	34,588.10	106,050.50	326,502.26	4,218,997.98	
3/15/16	1,300,065.14	38,675.10	101,943.06	165,515.33	1,606,198.62	5,825,196.60
9/15/16	3,779,657.86	34,516.85	106,030.06	328,995.33	4,249,200.10	
3/15/17	1,270,130.17	38,603.85	101,922.63	163,880.53	1,574,537.17	5,823,737.27
9/15/17	3,821,213.84	34,445.60	106,009.63	306,925.53	4,268,594.59	
3/15/18	1,249,149.22	42,619.60	101,897.08	162,450.08	1,556,115.98	5,824,710.57
9/15/18	3,854,388.68	34,303.10	105,984.08	313,669.08	4,308,344.94	
3/15/19	1,212,116.19	38,390.10	101,866.43	160,937.89	1,513,310.61	5,821,655.55
9/15/19	3,899,589.89	34,231.85	105,953.43	312,156.89	4,351,932.06	
3/15/20	1,166,590.90	42,405.85	101,830.67	159,425.70	1,470,253.12	5,822,185.18
9/15/20	3,939,324.14	34,089.35	105,917.67	314,731.70	4,394,062.87	
3/15/21	1,126,097.73	42,263.35	101,789.80	157,872.64	1,428,023.52	5,822,086.39
9/15/21	3,989,519.09	33,946.86	105,876.80	317,265.64	4,446,608.38	
3/15/22	1,075,087.95	42,120.86	101,743.82	156,199.01	1,375,151.64	5,821,760.02
9/15/22	4,112,743.84	33,776.97	105,830.82	319,679.01	4,572,030.64	
3/15/23	960,023.15	33,776.97	101,694.78	154,318.99	1,249,813.89	5,821,844.53
9/15/23	4,245,036.83	33,776.97	105,781.78	260,580.99	4,645,176.57	
3/15/24	901,518.75	33,776.97	101,628.36	152,964.15	1,189,888.24	5,835,064.80
9/15/24	4,301,625.96	33,776.97	105,715.36	263,313.15	4,704,431.44	
3/15/25	840,250.05	33,776.97	101,561.95	151,474.44	1,127,063.41	5,831,494.85
9/15/25	4,365,447.25	33,776.97	105,648.95	265,910.44	4,770,783.61	
3/15/26	776,052.71	33,776.97	101,495.54	149,757.90	1,061,083.12	5,831,866.73
9/15/26	4,434,595.81	33,776.97	105,582.54	268,280.90	4,842,236.21	
3/15/27	708,134.19	33,776.97	101,429.12	147,980.05	991,320.34	5,833,556.55
9/15/27	4,500,058.97	33,776.97	105,516.12	274,677.05	4,914,029.11	
3/15/28	637,458.34	33,776.97	101,362.71	146,079.60	918,677.61	5,832,706.73
9/15/28	4,577,246.07	33,776.97	105,449.71	272,776.60	4,989,249.35	
3/15/29	563,558.74	33,776.97	101,296.30	143,989.10	842,621.10	5,831,870.45
9/15/29	4,649,484.86	33,776.97	105,383.30	270,686.10	5,059,331.22	
3/15/30	496,641.47	33,776.97	101,229.88	141,898.60	773,546.92	5,832,878.14
9/15/30	4,707,166.89	33,776.97	105,316.88	276,769.60	5,123,030.34	
3/15/31	434,266.01	33,776.97	101,163.47	139,673.23	708,879.67	5,831,910.01
9/15/31	1,500,628.10	33,776.97	105,250.47	143,760.23	1,783,415.76	
3/15/32	3,523,106.22	377,084.97	101,097.05	139,571.05	4,140,859.29	5,924,275.06
9/15/32	890,273.96	26,641.74	105,184.05	143,658.05	1,165,757.81	
3/15/33	4,128,843.36	443,515.74	101,030.64	139,468.88	4,812,858.62	5,978,616.42
9/15/33	251,566.71	17,977.54	105,117.64	143,555.88	518,217.76	
3/15/34	4,780,420.75	516,591.54	100,964.23	139,366.70	5,537,343.21	6,055,560.97
9/15/34	156,704.20	7,533.44	1,257,585.23	180,236.70	1,602,059.57	
3/15/35	3,400,921.97	367,189.44	82,169.14	138,344.95	3,988,625.50	5,590,685.07
9/15/35	103,750.00	-	4,348,997.14	215,997.95	4,668,745.09	
3/15/36	88,375.00	-	10,699.77	136,403.63	235,478.39	4,904,223.48
9/15/36	1,518,375.00	-	640,097.77	2,874,693.63	5,033,166.39	
3/15/37	52,625.00	-	-	67,946.38	120,571.38	5,153,737.77
9/15/37	2,157,625.00	-	-	2,785,801.38	4,943,426.38	
3/15/38	-	-	-	-	-	4,943,426.38
9/15/38	-	-	-	-	-	
3/15/39	-	-	-	-	-	
9/15/39	-	-	-	-	-	
3/15/40	-	-	-	-	-	
Total	130,051,395.69	3,290,433.53	10,763,255.27	15,168,694.37	159,273,778.87	159,273,778.87

H. FINANCING COSTS FOR THIS PROJECT ONLY	BOND ISSUE/NOTE SERIES OF 2010	BOND ISSUE/NOTE SERIES A OF 2012	BOND ISSUE/NOTE SERIES E OF 2013	Total
1. Underwriter Fees	16,417.63	56,250.00	73,264.71	145,932.34
2. Legal Fees	3,524.08	20,500.00	6,545.50	30,569.58
3. Financial Advisor				
4. Bond Insurance		52,670.69	18,544.00	71,214.69
5. Paying Agent/Trustee Fees and Expenses	233.55	1,000.00	620.10	1,853.65
6. Capitalized Interest				
7. Printing		8,250.00	1,343.55	9,593.55
8. CUSIP & Rating Fees	20.24	9,979.00	3,114.28	13,113.52
9. Other				
a. Publication/DCED			1,102.40	1,102.40
b.				
10. TOTAL - Financing Costs	20,195.50	148,649.69	104,534.54	273,379.73
I. TOTAL PROJECT COSTS (F plus G-9 plus H-10)	2,070,000.00	7,342,805.75	10,667,433.98	20,080,239.73
REVENUE SOURCES	BOND ISSUE/NOTE SERIES OF 2011	BOND ISSUE/NOTE SERIES OF 2012	BOND ISSUE/NOTE SERIES E OF 2013	Total
J. AMOUNT FINANCES FOR THIS PROJECT ONLY	2,055,000.00	7,500,000.00	9,770,000.00	19,325,000.00
K. ORIGINAL ISSUE DISCOUNT/ PREMIUM FOR THIS PROJECT ONLY		(157,194.25)	891,778.44	734,584.19
L. INTEREST EARNINGS FOR THIS PROJECT ONLY	15,000.00		5,655.54	20,655.54
M. BUILDING INSURANCE RECEIVED				
N. PROCEEDS FROM SALE OF BUILDING OR LAND				
O. LOCAL FUNDS - CASH (SEE INSTRUCTIONS)				
P. OTHER FUNDS (ATTACH SCHEDULE)				
Q. TOTAL REVENUE SOURCES	2,070,000.00	7,342,805.75	10,667,433.98	20,080,239.73