



AIA® Document B801™ CMa – 1992

Standard Form of Agreement Between Owner and Construction Manager where the Construction Manager is NOT a Constructor

AGREEMENT made as of the 1st day of July in the year 2009
(In words, indicate day, month and year.)

BETWEEN the Owner:
(Name and address)

State College Area School District
131 West Nittany Avenue
State College, PA 16801

and the Construction Manager:
(Name and address)

Alexander Building Construction Co.
2545 N. Atherton Street
Suite 103
State College, PA 16803

for the following Project:
(Include detailed description of Project, location, address and scope.)

State College Area School District – District Wide Facilities Master Plan Phase I
State College, Pennsylvania

The Architect is:
(Name and address)

SchraderGroup Architecture, LLC
161 Leverington Street
Suite 105
Philadelphia, PA 19127

The Owner and Construction Manager agree as set forth below.

ADDITIONS AND DELETIONS:

The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

This document is intended to be used in conjunction with the 1992 editions of AIA Documents B141/CMa, A101/CMa and A201/CMa.

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ARTICLE 1 CONSTRUCTION MANAGER'S RESPONSIBILITIES

§ 1.1 CONSTRUCTION MANAGER'S SERVICES

§ 1.1.1 The Construction Manager's services consist of those services performed by the Construction Manager, Construction Manager's employees and Construction Manager's consultants as enumerated in Articles 2 and 3 of this Agreement and any other services included in Article 14.

§ 1.1.2 The Construction Manager's services shall be provided in conjunction with the services of an Architect as described in the edition of AIA Document B141/CMA, Standard Form of Agreement Between Owner and Architect, Construction Manager-Adviser Edition, current as of the date of this Agreement.

§ 1.1.3 The Construction Manager shall provide sufficient organization, personnel and management to carry out the requirements of this Agreement in an expeditious and economical manner consistent with the interests of the Owner.

§ 1.1.4 The services covered by this Agreement are subject to the time limitations contained in Section 13.5.1.

ARTICLE 2 SCOPE OF CONSTRUCTION MANAGER'S BASIC SERVICES

§ 2.1 DEFINITION

§ 2.1.1 The Construction Manager's Basic Services consist of those described in Sections 2.2 and 2.3 and any other services identified in Article 14 as part of Basic Services.

§ 2.2 PRE-CONSTRUCTION PHASE

§ 2.2.1 The Construction Manager shall review the program furnished by the Owner to ascertain the requirements of the Project and shall arrive at a mutual understanding of such requirements with the Owner.

§ 2.2.2 The Construction Manager shall provide a preliminary evaluation of the Owner's program, schedule and construction budget requirements, each in terms of the other.

§ 2.2.3 Based on early schematic designs and other design criteria prepared by the Architect, the Construction Manager shall prepare preliminary estimates of Construction Cost for program requirements using area, volume or similar conceptual estimating techniques. The Construction Manager shall provide cost evaluations of alternative materials and systems.

§ 2.2.4 The Construction Manager shall expeditiously review design documents during their development and advise on proposed site use and improvements, selection of materials, building systems and equipment, and methods of Project delivery. The Construction Manager shall provide recommendations on relative feasibility of construction methods, availability of materials and labor, time requirements for procurement, installation and construction, and factors related to construction cost including, but not limited to, costs of alternative designs or materials, preliminary budgets, and possible economies.

§ 2.2.5 The Construction Manager shall prepare and periodically update a Project Schedule for the Architect's review and the Owner's acceptance. The Construction Manager shall obtain the Architect's approval for the portion of the preliminary project schedule relating to the performance of the Architect's services. In the Project Schedule, the Construction Manager shall coordinate and integrate the Construction Manager's services, the Architect's services and the Owner's responsibilities with anticipated construction schedules, highlighting critical and long-lead-time items.

§ 2.2.6 As the Architect progress with the preparation of the Schematic, Design Development and Construction Documents, the Construction Manager shall prepare and update, at appropriate intervals agreed to by the Owner, Construction Manager and Architect, estimates of Construction Cost of increasing detail and refinement. The estimated cost of each Contract shall be indicated with supporting detail. Such estimates shall be provided for the Architect's review and the Owner's approval. The Construction Manager shall advise the Owner and Architect if it appears that the Construction Cost may exceed the latest approved Project budget and make recommendations for corrective action.

§ 2.2.7 The Construction Manager shall consult with the Owner and Architect regarding the Construction Documents and make recommendations whenever design details adversely affect constructability, cost or schedules.

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§ 2.2.8 The Construction Manager shall provide recommendations and information to the Owner and Architect regarding the assignment of responsibilities for temporary Project facilities and equipment, materials and services for common use of the Contractors. The Construction Manager shall verify that such requirements and assignment of responsibilities are included in the proposed Contract Documents.

§ 2.2.9 The Construction Manager shall provide recommendations and information to the Owner regarding the allocation of responsibilities for safety programs among the Contractors.

§ 2.2.10 The Construction Manager shall advise on the division of the Project into individual Contracts for various categories of Work, including the method to be used for selecting Contractors and awarding Contracts. If multiple Contracts are to be awarded, the Construction Manager shall review the Construction Documents and make recommendations as required to provide that (1) the Work of the Contractors is coordinated, (2) all requirements for the Project have been assigned to the appropriate Contract, (3) the likelihood of jurisdictional disputes has been minimized, and (4) proper coordination has been provided for phased construction.

§ 2.2.11 The Construction Manager shall prepare a Project construction schedule providing for the components of the Work, including phasing of construction, times of commencement and completion required of each Contractor, ordering and delivery of products requiring long lead time, and the occupancy requirements of the Owner. The Construction Manager shall provide the current Project construction schedule for each set of bidding documents.

§ 2.2.12 The Construction Manager shall expedite and coordinate the ordering and delivery of materials requiring long lead time.

§ 2.2.13 The Construction Manager shall assist the Owner in selecting, retaining and coordinating the professional services of surveyors, special consultants and testing laboratories required for the Project.

§ 2.2.14 The Construction Manager shall provide an analysis of the types and quantities of labor required for the Project and review the availability of appropriate categories of labor required for critical phases. The Construction Manager shall make recommendations for actions designed to minimize adverse effects of labor shortages.

§ 2.2.15 The Construction Manager shall assist the Owner in obtaining information regarding applicable requirements for equal employment opportunity programs for inclusion in the Contract Documents.

§ 2.2.16 Following the Owner's approval of the Construction Documents, the Construction Manager shall update and submit the latest estimate of Construction Cost and the Project construction schedule for the Architect's review and the Owner's approval.

§ 2.2.17 The Construction Manager shall submit the list of prospective bidders for the Architect's review and the Owner's approval.

§ 2.2.18 The Construction Manager shall develop bidders' interest in the Project and establish bidding schedules. The Construction Manager, with the assistance of the Architect, shall issue bidding documents to bidders and conduct prebid conferences with prospective bidders. The Construction Manager shall assist the Architect with regard to questions from bidders and with the issuance of addenda.

§ 2.2.19 The Construction Manager shall receive bids, prepare bid analyses and make recommendations to the Owner for the Owner's award of Contracts or rejection of bids.

§ 2.2.20 The Construction Manager shall assist the Owner in preparing Construction Contracts and advise the Owner on the acceptability of Subcontractors and material suppliers proposed by Contractors.

§ 2.2.21 The Construction Manager shall assist the Owner in obtaining building permits and special permits for permanent improvements, except for permits required to be obtained directly by the various Contractors. The Construction Manager shall verify that the Owner has paid applicable fees and assessments. The Construction Manager shall assist the Owner and Architect in connection with the Owner's responsibility for filing documents required for the approvals of governmental authorities having jurisdiction over the Project.

§ 2.3 CONSTRUCTION PHASE-ADMINISTRATION OF THE CONSTRUCTION CONTRACT

§ 2.3.1 The Construction Phase will commence with the award of the initial Construction Contract or purchase order and, together with the Construction Manager's obligation to provide Basic Services under this Agreement, will end 30 days after final payment to all Contractors is due.

§ 2.3.2 The Construction Manager shall provide administration of the Contracts for Construction in cooperation with the Architect as set forth below and in the edition of AIA Document A201/CMA, General Conditions of the Contract for Construction, Construction Manager-Adviser Edition, current as of the date of this Agreement.

§ 2.3.3 The Construction Manager shall provide administrative, management and related services to coordinate scheduled activities and responsibilities of the Contractors with each other and with those of the Construction Manager, the Owner and the Architect to endeavor to manage the Project in accordance with the latest approved estimate of Construction Cost, the Project Schedule and the Contract Documents.

§ 2.3.4 The Construction Manager shall schedule and conduct meetings to discuss such matters as procedures, progress and scheduling. The Construction Manager shall prepare and promptly distribute minutes to the Owner, Architect and Contractors.

§ 2.3.5 Utilizing the Construction Schedules provided by the Contractors, the Construction Manager shall update the Project construction schedule incorporating the activities of the Contractors on the Project, including activity sequences and durations, allocation of labor and materials, processing of Shop Drawings, Product Data and Samples, and delivery of products requiring long lead time and procurement. The Project construction schedule shall include the Owner's occupancy requirements showing portions of the Project having occupancy priority. The Construction Manager shall update and reissue the Project construction schedule as required to show current conditions. If an update indicates that the previously approved Project construction schedule may not be met, the Construction Manager shall recommend corrective action to the Owner and Architect.

§ 2.3.6 Consistent with the various bidding documents, and utilizing information from the Contractors, the Construction Manager shall coordinate the sequence of construction and assignment of space in areas where the Contractors are performing Work.

§ 2.3.7 The Construction Manager shall endeavor to obtain satisfactory performance from each of the Contractors. The Construction Manager shall recommend courses of action to the Owner when requirements of a Contract are not being fulfilled.

§ 2.3.8 The Construction Manager shall monitor the approved estimate of Construction Cost. The Construction Manager shall show actual costs for activities in progress and estimates for uncompleted tasks by way of comparison with such approved estimate.

§ 2.3.9 The Construction Manager shall develop cash flow reports and forecasts for the Project and advise the Owner and Architect as to variances between actual and budgeted or estimated costs.

§ 2.3.10 The Construction Manager shall maintain accounting records on authorized Work performed under unit costs, additional Work performed on the basis of actual costs of labor and materials, and other Work requiring accounting records.

§ 2.3.11 The Construction Manager shall develop and implement procedures for the review and processing of applications by Contractors for progress and final payments.

§ 2.3.11.1 Based on the Construction Manager's observations and evaluations of each Contractor's Application for Payment, the Construction Manager shall review and certify the amounts due the respective Contractors.

§ 2.3.11.2 The Construction Manager shall prepare a Project Application for Payment based on the Contractors' Certificates for Payment.

§ 2.3.11.3 The Construction Manager's certification for payment shall constitute a representation to the Owner, based on the Construction Manager's determinations at the site as provided in Section 2.3.13 and on the data comprising the Contractors' Applications for Payment, that, to the best of the Construction Manager's knowledge, information and belief, the Work has progressed to the point indicated and the quality of the Work is in accordance with the Contract Documents. The foregoing representations are subject to an evaluation of the Work for conformance with the Contract Documents upon Substantial Completion, to results of subsequent tests and inspections, to minor deviations from the Contract Documents correctable prior to completion and to specific qualifications expressed by the Construction Manager. The issuance of a Certificate for Payment shall further constitute a representation that the Contractor is entitled to payment in the amount certified.

§ 2.3.11.4 The issuance of a Certificate for Payment shall not be a representation that the Construction Manager has (1) made exhaustive or continuous on-site inspections to check the quality or quantity of the Work, (2) reviewed construction means, methods, techniques, sequences for the Contractor's own Work, or procedures, (3) reviewed copies of requisitions received from Subcontractors and material suppliers and other data requested by the Owner to substantiate the Contractor's right to payment or (4) ascertained how or for what purpose the Contractor has used money previously paid on account of the Contract Sum.

§ 2.3.12 The Construction Manager shall review the safety programs developed by each of the Contractors for purposes of coordinating the safety programs with those of the other Contractors. The Construction Manager's responsibilities for coordination of safety programs shall not extend to direct control over or charge of the acts or omissions of the Contractors, Subcontractors, agents or employees of the Contractors or Subcontractors, or any other persons performing portions of the Work and not directly employed by the Construction Manager.

§ 2.3.13 The Construction Manager shall determine in general that the Work of each Contractor is being performed in accordance with the requirements of the Contract Documents, endeavoring to guard the Owner against defects and deficiencies in the Work. As appropriate, the Construction Manager shall have authority, upon written authorization from the Owner, to require additional inspection or testing of the Work in accordance with the provisions of the Contract Documents, whether or not such Work is fabricated, installed or completed. The Construction Manager, in consultation with the Architect, may reject Work which does not conform to the requirements of the Contract Documents.

§ 2.3.14 The Construction Manager shall schedule and coordinate the sequence of construction in accordance with the Contract Documents and the latest approved Project construction schedule.

§ 2.3.15 With respect to each Contractor's own Work, the Construction Manager shall not have control over or charge of and shall not be responsible for construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Work of each of the Contractors, since these are solely the Contractor's responsibility under the Contract for Construction. The Construction Manager shall not be responsible for a Contractor's failure to carry out the Work in accordance with the respective Contract Documents. The Construction Manager shall not have control over or charge of acts or omissions of the Contractors, Subcontractors, or their agents or employees, or any other persons performing portions of the Work not directly employed by the Construction Manager.

§ 2.3.16 The Construction Manager shall transmit to the Architect requests for interpretations of the meaning and intent of the Drawings and Specifications, and assist in the resolution of questions that may arise.

§ 2.3.17 The Construction Manager shall review requests for changes, assist in negotiating Contractors' proposals, submit recommendations to the Architect and Owner, and, if they are accepted, prepare Change Orders and Construction Change Directives which incorporate the Architect's modifications to the Documents.

§ 2.3.18 The Construction Manager shall assist the Architect in the review, evaluation and documentation of Claims.

§ 2.3.19 The Construction Manager shall receive certificates of insurance from the Contractors and forward them to the Owner with a copy to the Architect.

§ 2.3.20 In collaboration with the Architect, the Construction Manager shall establish and implement procedures for expediting the processing and approval of Shop Drawings, Product Data, Samples and other submittals. The

Construction Manager shall review all Shop Drawings, Product Data, Samples and other submittals from the Contractors. The Construction Manager shall coordinate submittals with information contained in related documents and transmit to the Architect those which have been approved by the Construction Manager. The Construction Manager's actions shall be taken with such reasonable promptness as to cause no delay in the Work or in the activities of the Owner or Contractors.

§ 2.3.21 The Construction Manager shall record the progress of the Project. The Construction Manager shall submit written progress reports to the Owner and Architect including information on each Contractor and each Contractor's Work, as well as the entire Project, showing percentages of completion. The Construction Manager shall keep a daily log containing a record of weather, each Contractor's Work on the site, number of workers, identification of equipment, Work accomplished, problems encountered, and other similar relevant data as the Owner may require.

§ 2.3.22 The Construction Manager shall maintain at the Project site for the Owner one record copy of all Contracts, Drawings, Specifications, addenda, Change Orders and other Modifications, in good order and marked currently to record changes and selections made during construction, and in addition, approved Shop Drawings, Product Data, Samples and similar required submittals. The Construction Manager shall maintain records, in duplicate, of principal building layout lines, elevations of the bottom of footings, floor levels and key site elevations certified by a qualified surveyor or professional engineer. The Construction Manager shall make all such records available to the Architect and upon completion of the Project shall deliver them to the Owner.

§ 2.3.23 The Construction Manager shall arrange for the delivery, storage, protection and security of Owner-purchased materials, systems and equipment that are a part of the Project until such items are incorporated into the Project.

§ 2.3.24 With the Architect and the Owner's maintenance personnel, the Construction Manager shall observe the Contractors' final testing and start-up of utilities, operational systems and equipment.

§ 2.3.25 When the Construction Manager considers each Contractor's Work or a designated portion thereof substantially complete, the Construction Manager shall, jointly with the Contractor, prepare for the Architect a list of incomplete or unsatisfactory items and a schedule for their completion. The Construction Manager shall assist the Architect in conducting inspections to determine whether the Work or designated portion thereof is substantially complete.

§ 2.3.26 The Construction Manager shall coordinate the correction and completion of the Work. Following issuance of a Certificate of Substantial Completion of the Work or a designated portion thereof, the Construction Manager shall evaluate the completion of the Work of the Contractors and make recommendations to the Architect when Work is ready for final inspection. The Construction Manager shall assist the Architect in conducting final inspections.

§ 2.3.27 The Construction Manager shall secure and transmit to the Architect warranties and similar submittals required by the Contract Documents for delivery to the Owner and deliver all keys, manuals, record drawings and maintenance stocks to the Owner. The Construction Manager shall forward to the Architect a final Project Application for Payment upon compliance with the requirements of the Contract Documents.

§ 2.3.28 Duties, responsibilities and limitations of authority of the Construction Manager as set forth in the Contract Documents shall not be restricted, modified or extended without written consent of the Owner, Construction Manager, Architect and Contractors. Consent shall not be unreasonably withheld.

ARTICLE 3 ADDITIONAL SERVICES

§ 3.1 GENERAL

§ 3.1.1 The services described in this Article 3 are not included in Basic Services unless so identified in Article 14, and they shall be paid for by the Owner as provided in this Agreement, in addition to the compensation for Basic Services. The Optional Additional Services described under Section 3.3 shall only be provided if authorized or confirmed in writing by the Owner. If services described under Contingent Additional Services in Section 3.2 are required due to circumstances beyond the Construction Manager's control, the Construction Manager shall notify the Owner prior to commencing such services. If the Owner deems that such services described under Section 3.2 are not required, the Owner shall give prompt written notice to the Construction Manager. If the Owner indicates in

writing that all or part of such Contingent Additional Services are not required, the Construction Manager shall have no obligation to provide those services.

§ 3.2 CONTINGENT ADDITIONAL SERVICES

§ 3.2.1 Providing services required because of significant changes in the Project including, but not limited to, changes in size, quality, complexity or the Owner's schedule.

§ 3.2.2 Providing consultation concerning replacement of Work damaged by fire or other cause during construction, and furnishing services required in connection with the replacement of such Work.

§ 3.2.3 Providing services made necessary by the termination or default of the Architect or a Contractor, by major defects or deficiencies in the Work of a Contractor, or by failure of performance of either the Owner or Contractor under a Contract for Construction.

§ 3.2.4 Providing services in evaluating an extensive number of claims submitted by a Contractor or others in connection with the Work.

§ 3.2.5 Providing services in connection with a public hearing, arbitration proceeding or legal proceeding except where the Construction Manager is party thereto.

§ 3.3 OPTIONAL ADDITIONAL SERVICES

§ 3.3.1 Providing services relative to future facilities, systems and equipment.

§ 3.3.2 Providing services to investigate existing conditions or facilities or to provide measured drawings thereof.

§ 3.3.3 Providing services to verify the accuracy of drawings or other information furnished by the Owner.

§ 3.3.4 Providing services required for or in connection with the Owner's selection, procurement or installation of furniture, furnishings and related equipment.

§ 3.3.5 Providing services for tenant improvements.

§ 3.3.6 Providing any other services not otherwise included in this Agreement.

ARTICLE 4 OWNER'S RESPONSIBILITIES

§ 4.1 The Owner shall provide full information regarding requirements for the Project, including a program which shall set forth the Owner's objectives, schedule, constraints and criteria, including space requirements and relationships, flexibility, expandability, special equipment, systems, and site requirements.

§ 4.2 The Owner shall establish and update an overall budget for the Project based on consultation with the Construction Manager and Architect, which shall include the Construction Cost, the Owner's other costs and reasonable contingencies related to all of these costs.

§ 4.3 If requested by the Construction Manager, the Owner shall furnish evidence that financial arrangements have been made to fulfill the Owner's obligations under this Agreement.

§ 4.4 The Owner shall designate a representative authorized to act on the Owner's behalf with respect to the Project. The Owner, or such authorized representative, shall render decisions in a timely manner pertaining to documents submitted by the Construction Manager in order to avoid unreasonable delay in the orderly and sequential progress of the Construction Manager's services.

§ 4.5 The Owner shall retain an architect whose services, duties and responsibilities are described in the edition of AIA Document B141/Cma, Standard Form of Agreement Between Owner and Architect, Construction Manager-Adviser Edition, current as of the date of this Agreement. The Terms and Conditions of the Agreement Between the Owner and Architect shall be furnished to the Construction Manager and shall not be modified without written consent of the Construction Manager, which consent shall not be unreasonably withheld. The Construction Manager shall not be responsible for actions taken by the Architect.

§ 4.6 The Owner shall furnish structural, mechanical, chemical, air and water pollution tests, tests for hazardous materials, and other laboratory and environmental tests, inspections and reports required by law or the Contract Documents.

§ 4.7 The Owner shall furnish all legal, accounting and insurance counseling services as may be necessary at any time for the Project, including auditing services the Owner may require to verify the Contractors' Applications for Payment or to ascertain how or for what purposes the Contractors have used the money paid by or on behalf of the Owner.

§ 4.8 The Owner shall furnish the Construction Manager with a sufficient quantity of Construction Documents.

§ 4.9 The services, information and reports required by Sections 4.5 through 4.8 shall be furnished at the Owner's expense, and the Construction Manager shall be entitled to rely upon the accuracy and completeness thereof.

§ 4.10 Prompt written notice shall be given by the Owner to the Construction Manager and Architect if the Owner becomes aware of any fault or defect in the Project or nonconformance with the Contract Documents.

§ 4.11 The Owner reserves the right to perform construction and operations related to the Project with the Owner's own forces, and to award contracts in connection with the Project which are not part of the Construction Manager's responsibilities under this Agreement. The Construction Manager shall notify the Owner if any such independent action will interfere with the Construction Manager's ability to perform the Construction Manager's responsibilities under this Agreement. When performing construction or operations related to the Project, the Owner agrees to be subject to the same obligations and to have the same rights as the Contractors.

§ 4.12 Information or services under the Owner's control shall be furnished by the Owner with reasonable promptness to avoid delay in the orderly progress of the Construction Manager's services and the progress of the Work.

ARTICLE 5 CONSTRUCTION COST

§ 5.1 DEFINITION

§ 5.1.1 The Construction Cost shall be the total cost or estimated cost to the Owner of all elements of the Project designed or specified by the Architect.

§ 5.1.2 The Construction Cost shall include the cost at current market rates of labor and materials furnished by the Owner and equipment designed, specified, selected or specially provided for by the Architect, plus a reasonable allowance for the Contractors' overhead and profit. In addition, a reasonable allowance for contingencies shall be included for market conditions at the time of bidding and for changes in the Work during construction. Except as provided in Section 5.1.3, Construction Cost shall also include the compensation of the Construction Manager and Construction Manager's consultants.

§ 5.1.3 Construction Cost does not include the compensation of the Architect and Architect's consultants, costs of the land, rights-of-way, financing or other costs which are the responsibility of the Owner as provided in Article 4. If any portion of the Construction Manager's compensation is based upon a percentage of Construction Cost, then Construction Cost, for the purpose of determining such portion, shall not include the compensation of the Construction Manager or Construction Manager's consultants.

§ 5.2 RESPONSIBILITY FOR CONSTRUCTION COST

§ 5.2.1 Evaluations of the Owner's Project budget, preliminary estimates of Construction Cost and detailed estimates of Construction Cost prepared by the Construction Manager represent the Construction Manager's best judgment as a person or entity familiar with the construction industry. It is recognized, however, that neither the Construction Manager nor the Owner has control over the cost of labor, materials or equipment, over Contractors' methods of determining bid prices, or over competitive bidding, market or negotiating conditions. Accordingly, the Construction Manager cannot and does not warrant or represent that bids or negotiated prices will not vary from the Project budget proposed, established or approved by the Owner, or from any cost estimate or evaluation prepared by the Construction Manager.

§ 5.2.2 No fixed limit of Construction Cost shall be established as a condition of this Agreement by the furnishing, proposal or establishment of a Project budget unless such fixed limit has been agreed upon in writing and signed by the parties hereto. If such a fixed limit has been established, the Construction Manager shall be permitted to include contingencies for design, bidding and price escalation, and shall consult with the Architect to determine what materials, equipment, component systems and types of construction are to be included in the Contract Documents, to suggest reasonable adjustments in the scope of the Project, and to suggest inclusion of alternate bids in the Construction Documents to adjust the Construction Cost to the fixed limit. Fixed limits, if any, shall be increased in the amount of any increase in the Contract Sums occurring after execution of the Contracts for Construction.

§ 5.2.3 If the Bidding or Negotiation Phase has not commenced within 90 days after submittal of the Construction Documents to the Owner, any Project budget or fixed limit of Construction Cost shall be adjusted to reflect changes in the general level of prices in the construction industry between the date of submission of the Construction Documents to the Owner and the date on which proposals are sought.

§ 5.2.4 If a fixed limit of Construction Cost (adjusted as provided in Section 5.2.3) is exceeded by the sum of the lowest bona fide bids or negotiated proposals plus the Construction Manager's estimate of other elements of Construction Cost for the Project, the Owner shall:

- .1 give written approval of an increase in such fixed limit;
- .2 authorize rebidding or renegotiating of the Project within a reasonable time;
- .3 if the Project is abandoned, terminate in accordance with Section 9.3; or
- .4 cooperate in revising the Project scope and quality as required to reduce the Construction Cost.

§ 5.2.5 If the Owner chooses to proceed under Section 5.2.4.4, the Construction Manager, without additional charge, shall cooperate with the Owner and Architect as necessary to bring the Construction Cost within the fixed limit, if established as a condition of this Agreement.

ARTICLE 6 CONSTRUCTION SUPPORT ACTIVITIES

§ 6.1 Construction support activities, if provided by the Construction Manager, shall be governed by separate contractual agreements unless otherwise provided in Article 14.

§ 6.2 Reimbursable expenses listed in Article 14 for construction support activities may be subject to trade discounts, rebates, refunds and amounts received from sales of surplus materials and equipment which shall accrue to the Owner, and the Construction Manager shall make provisions so that they can be secured.

ARTICLE 7 OWNERSHIP AND USE OF ARCHITECT'S DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS

§ 7.1 The Drawings, Specifications and other documents prepared by the Architect are instruments of the Architect's service through which the Work to be executed by the Contractors is described. The Construction Manager may retain one record set. The Construction Manager shall not own or claim a copyright in the Drawings, Specifications and other documents prepared by the Architect, and unless otherwise indicated the Architect shall be deemed the author of them and will retain all common law, statutory and other reserved rights, in addition to the copyright. All copies of them, except the Construction Manager's record set, shall be returned or suitably accounted for to the Architect, on request, upon completion of the Project. The Drawings, Specifications and other documents prepared by the Architect, and copies thereof furnished to the Construction Manager, are for use solely with respect to this Project. They are not to be used by the Construction Manager on other projects or for additions to this Project outside the scope of the Work without the specific written consent of the Owner and Architect. The Construction Manager is granted a limited license to use and reproduce applicable portions of the Drawings, Specifications and other documents prepared by the Architect appropriate to and for use in the performance of the Construction Manager's services under this Agreement.

All copies made under this license shall bear the statutory copyright notice, if any, shown on the Drawings, Specifications and other documents prepared by the Architect. Submittal or distribution to meet official regulatory requirements or for other purposes in connection with this Project is not to be construed as publication in derogation of the Architect's copyright or other reserved rights.

ARTICLE 8 MEDIATION

(Paragraph deleted)

§ 8.1 Claims, disputes or other matters in question between the parties to this Agreement arising out of or relating to this Agreement or breach thereof shall be subject to and decided by mediation.

§ 8.2 The Owner and Construction Manager shall endeavor to resolve claims, disputes and other matters in question between them by mediation which, unless the parties mutually agree otherwise, shall be administered by the American Arbitration Association in accordance with its Construction Industry Mediation Procedures in effect on the date of the Agreement. A request for mediation shall be made in writing, delivered to the other party to the Agreement and filed with the person or entity administering the mediation. The request may be made concurrently with the filing of a complaint or other appropriate demand for binding dispute resolution but, in such event, mediation shall proceed in advance of binding dispute resolution proceedings, which shall be stayed pending mediation for a period of 60 days from the date of filing, unless stayed for a longer period by agreement of the parties or court order.

§ 8.3 The parties shall share the mediator's fee and any filing fees equally. The mediation shall be held in the place where the Project is located, unless another location is mutually agreed upon. Agreements reached in mediation shall be enforceable as settlement agreements in any court having jurisdiction thereof.

8.4 If the parties do not resolve a dispute through mediation pursuant to this Article 8, the method of binding dispute resolution shall be litigation in the Court of Common Pleas of Centre County.

(Paragraph deleted)

ARTICLE 9 TERMINATION, SUSPENSION OR ABANDONMENT

§ 9.1 This Agreement may be terminated by either party upon not less than seven days' written notice should the other party fail substantially to perform in accordance with the terms of this Agreement through no fault of the party initiating the termination.

§ 9.2 If the Project is suspended by the Owner for more than 30 consecutive days, the Construction Manager shall be compensated for services performed prior to notice of such suspension. When the Project is resumed, the Construction Manager's compensation shall be equitably adjusted to provide for expenses incurred in the interruption and resumption of the Construction Manager's services.

§ 9.3 This Agreement may be terminated by the Owner upon not less than seven days' written notice to the Construction Manager in the event that the Project is permanently abandoned. If the Project is abandoned by the Owner for more than 90 consecutive days, the Construction Manager may terminate this Agreement by giving written notice.

§ 9.4 Failure of the Owner to make payments to the Construction Manager in accordance with this Agreement shall be considered substantial nonperformance and cause for termination.

§ 9.5 If the Owner fails to make payment when due the Construction Manager for services and expenses, the Construction Manager may, upon seven days' written notice to the Owner, suspend performance of services under this Agreement. Unless payment in full is received by the Construction Manager within seven days of the date of the notice, the suspension shall take effect without further notice. In the event of a suspension of services, the Construction Manager shall have no liability to the Owner for delay or damage caused to the Owner because of such suspension of services.

§ 9.6 In the event of termination not the fault of the Construction Manager, the Construction Manager shall be compensated for services performed prior to termination, together with Reimbursable Expenses then due and all Termination Expenses as defined in Section 9.7.

§ 9.7 Termination Expenses are those costs directly attributable to termination for which the Construction Manager is not otherwise compensated.

ARTICLE 10 MISCELLANEOUS PROVISIONS

§ 10.1 Unless otherwise provided, this Agreement shall be governed by the law of the place where the Project is located.

§ 10.2 Terms in this Agreement shall have the same meaning as those in the edition of AIA Document A201/CMA, General Conditions of the Contract for Construction, Construction Manager-Adviser Edition, current as of the date of this Agreement.

§ 10.3 Causes of action between the parties to this Agreement pertaining to acts or failures to act shall be deemed to have accrued and the applicable statutes of limitations shall commence to run not later than either the date of Substantial Completion for acts or failures to act occurring prior to Substantial Completion, or the date of issuance of the final Project Certificate for Payment for acts or failures to act occurring after Substantial Completion.

§ 10.4 Waivers of Subrogation. The Owner and Construction Manager waive all rights against each other and against the Contractors, Architect, consultants, agents and employees of any of them, for damages, but only to the extent covered by property insurance during construction, except such rights as they may have to the proceeds of such insurance as set forth in the edition of AIA Document A201/CMA, General Conditions of the Contract for Construction, Construction Manager-Adviser Edition, current as of the date of this Agreement. The Owner and Construction Manager each shall require similar waivers from their Contractors, Architect, consultants, agents, and persons or entities awarded separate contracts administered under the Owner's own forces.

§ 10.5 The Owner and Construction Manager, respectively, bind themselves, their partners, successors, assigns and legal representatives to the other party to this Agreement and to the partners, successors, assigns and legal representatives of such other party with respect to all covenants of this Agreement. Neither Owner nor Construction Manager shall assign this Agreement without the written consent of the other.

§ 10.6 This Agreement represents the entire and integrated agreement between the Owner and Construction Manager and supersedes all prior negotiations, representations or agreements, either written or oral. This Agreement may be amended only by written instrument signed by both Owner and Construction Manager.

§ 10.7 Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either the Owner or Construction Manager.

§ 10.8 Unless otherwise provided in this Agreement, the Construction Manager and the Construction Manager's consultants shall have no responsibility for the discovery, presence, handling, removal or disposal of or exposure of persons to hazardous materials in any form at the Project site, including but not limited to asbestos, asbestos products, polychlorinated biphenyl (PCB) or other toxic substances.

ARTICLE 11 INSURANCE

§ 11.1 CONSTRUCTION MANAGER'S LIABILITY INSURANCE

§ 11.1.1 The Construction Manager shall purchase from and maintain in a company or companies lawfully authorized to do business in the jurisdiction in which the Project is located such insurance as will protect the Construction Manager from claims set forth below which may arise out of or result from the Construction Manager's operations under this Agreement and for which the Construction Manager may be legally liable.

- .1 claims under workers' compensation, disability benefit and other similar employee benefit acts which are applicable to the operations to be performed;
- .2 claims for damages because of bodily injury, occupational sickness or disease, or death of the Construction Manager's employees;
- .3 claims for damages because of bodily injury, sickness or disease, or death of any person other than the Construction Manager's employees;
- .4 claims for damages insured by usual personal injury liability coverage which are sustained (1) by a person as a result of an offense directly or indirectly related to employment of such person by the Construction Manager, or (2) by another person;
- .5 claims for damages, other than to the Work itself, because of injury to or destruction of tangible property, including loss of use resulting therefrom;
- .6 claims for damages because of bodily injury, death of a person or property damage arising out of ownership, maintenance or use of a motor vehicle.

§ 11.1.2 The insurance required by Section 11.1.1 shall be as shown on the Construction Manager's sample Insurance Certificate attached as Exhibit A. Coverages, whether written on an occurrence or claims-made basis,

shall be maintained without interruption from date of commencement of operations under this Agreement until date of final payment and termination of any coverage required to be maintained after final payment.

ARTICLE 12 PAYMENTS TO THE CONSTRUCTION MANAGER

§ 12.1 DIRECT PERSONNEL EXPENSE

§ 12.1.1 Direct Personnel Expense is defined as the direct salaries of the Construction Manager's personnel engaged on the Project and the portion of the cost of their mandatory and customary contributions and benefits related thereto, such as employment taxes and other statutory employee benefits, insurance, sick leave, holidays, vacations, pensions and similar contributions and benefits.

§ 12.2 REIMBURSABLE EXPENSES

§ 12.2.1 Reimbursable Expense are in addition to compensation for Basic and Additional Services and include expenses incurred by the Construction Manager and Construction Manager's employees and consultants in the interest of the Project, as identified in the following Clauses.

§ 12.2.1.1 Expense of transportation in connection with the Project, expenses in connection with authorized out-of-town travel; long-distance communications; and fees paid for securing approval of authorities having jurisdiction over the Project.

§ 12.2.1.2 Expense of reproductions, postage, express deliveries, electronic facsimile transmissions and handling of Drawings, Specifications and other documents.

§ 12.2.1.3 If authorized in advance by the Owner, expense of overtime work requiring higher than regular rates.

§ 12.2.1.4 Expense of additional insurance coverage or limits requested by the Owner in excess of that normally carried by the Construction Manager.

§ 12.3 PAYMENTS ON ACCOUNT OF BASIC SERVICES

§ 12.3.1 An initial payment as set forth in Section 13.1 is the minimum payment under this Agreement.

§ 12.3.2 Subsequent payments for Basic Services shall be made monthly and, where applicable, shall be in proportion to services performed within each phase of service, on the basis set forth in Section 13.2.1.

§ 12.3.3 If and to the extent that the time initially established in Section 13.5.1 of this Agreement is exceeded or extended through no fault of the Construction Manager, compensation for any services rendered during the additional period of time shall be computed in the manner set forth in Section 13.3.1.

§ 12.3.4 When compensation is based on a percentage of Construction Cost and any portions of the Project are deleted or otherwise not constructed, compensation for those portions of the Project shall be payable to the extent services are performed on those portions, in accordance with Section 13.2.1, based on (1) the lowest bona fide bids or negotiated proposals, or (2) if no such bids or proposals are received, the latest approved estimate of such portions of the Project.

§ 12.4 PAYMENTS ON ACCOUNT OF ADDITIONAL SERVICES AND REIMBURSABLE EXPENSES

§ 12.4.1 Payments on account of the Construction Manager's Additional Services and for Reimbursable Expenses shall be made monthly upon presentation of the Construction Manager's statement of services rendered or expenses incurred.

§ 12.5 PAYMENTS WITHHELD

§ 12.5.1 No deductions shall be made from the Construction Manager's compensation on account of penalty, liquidated damages or other sums withheld from payments to Contractors, or on account of the cost of changes in Work other than those for which the Construction Manager has been found to be liable.

§ 12.6 CONSTRUCTION MANAGER'S ACCOUNTING RECORDS

§ 12.6.1 Records of Reimbursable Expenses and expenses pertaining to Additional Services and services performed on the basis of a multiple of Direct Personnel Expense shall be available to the Owner or the Owner's authorized representative at mutually convenient times.

ARTICLE 13 BASIS OF COMPENSATION

The Owner shall compensate the Construction Manager as follows:

§ 13.1 AN INITIAL PAYMENT of zero dollars (\$ 0.00) shall be made upon execution of this Agreement and credited to the owner's account at final payment.

§ 13.2 BASIC COMPENSATION

§ 13.2.1 FOR BASIC SERVICES, as described in Article 2, and any other services included in Article 14 as part of Basic Services, Basic Compensation shall be computed as follows:

For Pre-Construction Phase Services:

(Insert basis of compensation, including stipulated sums, multiples or percentages.)

Stipulated sum of \$165,000.00 paid in 12 monthly payments of \$13,750.00 beginning August 1, 2009. Stipulated Sum is based on services provided between July 1, 2009 and June 30, 2010 as indicated in Exhibit "C" Services/Fee.

For Construction Phase Services:

(Insert basis of compensation, including stipulated sums, multiples or percentages.)

Stipulated sum of \$880,104.00 paid in 14 monthly payments of \$62,864.57 beginning one month after initial mobilization. Stipulated Sum is based on services provided between July 1, 2010 and August 20, 2011 as indicated in Exhibit "C" Services/Fee.

§ 13.3 COMPENSATION FOR ADDITIONAL SERVICES

§ 13.3.1 FOR ADDITIONAL SERVICES OF THE CONSTRUCTION MANAGER, as described in Article 3, and any other services included in Article 14 as Additional Services, compensation shall be computed as follows:

(Insert basis of compensation, including rates and/or multiples of Direct Personnel Expense for Principals and employees, and identify Principals and classify employees, if required. Identify specific services to which particular methods of compensation apply, if necessary.)

Work determined to additional service shall be reimbursed at the hourly rates listed in the attached Exhibit B.

§ 13.4 REIMBURSABLE EXPENSES

§ 13.4.1 FOR REIMBURSABLE EXPENSES, as described in Section 12.2, and any other items included in Article 14 as Reimbursable Expenses, a multiple of one and zero/tenth (1.0) times the expenses incurred by the Construction Manager and the Construction Manager's employees and consultants in the interest of the Project.

§ 13.5 ADDITIONAL PROVISIONS

§ 13.5.1 IF THE BASIC SERVICES covered by this Agreement have not been completed within () months of the date hereof, through no fault of the Construction Manager, extension of the Construction Manager's services beyond that time shall be compensated as provided in Sections 12.3.3 and 13.3.1.

§ 13.5.2 Payments are due and payable twenty (20) days from the date of the Construction Manager's invoice. Amounts unpaid twenty (20) days after the invoice date shall bear interest at the rate entered below, or in the absence thereof at the legal rate prevailing from time to time at the principal place of business of the Construction Manager.

(Insert rate of interest agreed upon.)

One percent (1%) above the prime rate as published in The Wall Street Journal.

(Usury laws and requirements under the Federal Truth in Lending Act, similar state and local consumer credit laws and other regulations at the Owner's and Construction Manager's principal places of business, the location of the Project and elsewhere may affect the validity of this provision. Specific legal advice should be obtained with respect to deletions or modifications, and also regarding requirements such as written disclosures or waivers.)

§ 13.5.3 The rates and multiples set forth for Additional Services shall be annually adjusted in accordance with normal salary review practices of the Construction Manager.

ARTICLE 14 OTHER CONDITIONS OR SERVICES

(Insert descriptions of other services, identify Additional Services included within Basic Compensation and modifications to the payment and compensation terms included in this Agreement.)

Site inspections will be performed by Alexander Building Construction Co.'s Corporate Safety Director as part of the stipulated sum for construction phase services.

§ 14.1 LIMITS ON INSURANCE

The insurance required by Article 11 shall be written for not less than the limits shown on the Construction Manager's Insurance Certificate, attached as Exhibit A.

This Agreement entered into as of the day and year first written above.

STATE COLLEGE AREA SCHOOL DISTRICT
OWNER

ALEXANDER BUILDING CONSTRUCTION CO.
CONSTRUCTION MANAGER

(Signature)

(Printed name and title)

(Signature)

Greg L. Butz, CEO

(Printed name and title)

Exhibit A

SHOECON-01 REED

ACORDTM CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
6/29/2009

PRODUCER
The Graham Company
The Graham Building
1 Penn Square West
Philadelphia, PA 19102

(215) 567-6300

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED
Alexander Building Construction Co.
2545 North Atherton Street
State College, PA 16803-

INSURERS AFFORDING COVERAGE

NAIC #

INSURER A: **Insurance Company of the State of PA** 19429

INSURER B: **American Guarantee & Liability Ins. Co.** 26247

INSURER C: **New Hampshire Insurance Company** 23841

INSURER D:

INSURER E:

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'L LTR INSR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	GENERAL LIABILITY	GL1791456	9/30/2008	9/30/2009	EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000
	<input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				MED EXP (Any one person) \$ 5,000
					PERSONAL & ADV INJURY \$ 1,000,000
					GENERAL AGGREGATE \$ 2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:				PRODUCTS - COMP/OP AGG \$ 2,000,000
	<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC				
	AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> ANY AUTO				BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (Per accident) \$
	<input type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS				
	GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT \$
	<input type="checkbox"/> ANY AUTO				OTHER THAN EA ACC \$
					AUTO ONLY: AGG \$
B	EXCESS/UMBRELLA LIABILITY	AUC591710503	9/30/2008	9/30/2009	EACH OCCURRENCE \$ 10,000,000
	<input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE				AGGREGATE \$ 10,000,000
					\$
	DEDUCTIBLE				\$
	RETENTION \$				\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	WC3725435	9/30/2008	9/30/2009	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER \$
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?				E.L. EACH ACCIDENT \$ 500,000
	If yes, describe under SPECIAL PROVISIONS below				E.L. DISEASE - EA EMPLOYEE \$ 500,000
					E.L. DISEASE - POLICY LIMIT \$ 500,000
	OTHER				

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

Re: Project Name: State College Area School District - District Wide Facilities Master Plan Phase I.

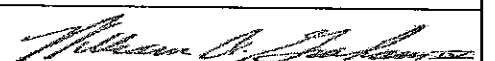
CERTIFICATE HOLDER

State College Area School District
131 West Nittany Avenue
State College, PA 16801-

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL **30** DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE



IMPORTANT

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

DISCLAIMER

The Certificate of Insurance on the reverse side of this form does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.

July 1, 2009

Exhibit "B" Key Personnel Hourly Rate Schedule
State College Area School District –
District Wide Facilities Master Plan Phase I
State College, Pennsylvania

Key Personnel Hourly Rate Schedule: The following are the key personnel for the project and the hourly rates that apply for said personnel when additional services are authorized by the Owner.

Project Executive	\$150.00
Senior Project Manager	\$140.00
Senior Mechanical Engineer	\$140.00
Project Manager	\$128.00
Project Engineer	\$ 92.00
Superintendent	\$128.00
Project Accountant	\$ 71.00
Project Assistant	\$ 61.00
Corporate Safety Director	\$130.00

Above rates are applicable through December 31, 2009. Effective January 1, 2010, these rates will increase 5% applicable through December 31, 2010 and increase again by 5% on January 1, 2011 effective through December 31, 2011.

Exhibit "C" Services/Fee
State College Area School District –
District Wide Facilities Master Plan Phase I
State College, Pennsylvania

All fees will be stated as "fixed fees" rather than percentages. The district plans on utilizing AIA document B801/CMA as a basis for the final, negotiated contract. The district also has its own 30/60/90% review process (Exhibit D), which will be incorporated into the final contract. Included with the fixed fee should be all costs associated with a project cost estimate, value engineering, and a constructability report at each of the three above-mentioned reviews. During pre-construction, the Construction Manager will be a full participant in the integrated design process and be expected to attend all meetings to achieve this requirement. Development of a phasing plan will be part of this responsibility. During the Construction phase, the Construction Manager will lead and document bi-weekly project and phasing meetings for all 3 projects. Additionally, a full-time staff member, at a minimum, will be allocated for both the Ferguson Township and Panorama Village projects, to provide on-site supervision. On-site staffing for the Gray's Woods project will be limited to general over-site, will vary depending on the stage of the project, and can be combined with the duties of staff members assigned to the other 2 projects. Finally, adequate participation in project closeout, punch list development, and commissioning will be expected. For the purposes of this fee, do not include the costs of the commissioning agent. No support for the Construction Manager in terms of job trailer or office supplies, services, and equipment will be provided for in the general bid contracts, so these costs must be reflected in the fixed fee as well.

Panorama Village Elementary School

A.1) Please indicate your fixed fee for this project. The fee will be all-inclusive for services from schematic development through project closeout. (including attendance at meetings of the CAC for Facilities, approving authorities, and Board of School Directors).

\$491,052 (Four Hundred Ninety-One Thousand and Fifty-Two Dollars)

A.2) Please list the number of meetings included in the above price and the cost for any additional meetings.

All meetings required to complete the project by August 2011 are included and there is no additional cost for meeting attendance during this timeframe.

A.3) List any additional services or costs that could be incurred, including reimbursable expenses and include a fee schedule. (all indirect costs will be billed 1X, that is, no mark-up).

Site safety inspections can be performed by Alexander Building Construction Safety Director for \$8,000 during construction.

Ferguson Township Elementary School

B.1) Please indicate your fixed fee for this project. The fee will be all-inclusive for services from schematic development through project closeout. (including attendance at meetings of the CAC for Facilities, approving authorities, and Board of School Directors).

\$491,052 (Four Hundred Ninety-One Thousand and Fifty-Two Dollars)

B.2) Please list the number of meetings included in the above price and the cost for any additional meetings.

All meetings required to complete the project by August 2011 are included and there is no additional cost for meeting attendance during this timeframe.

B.3) List any additional services or costs that could be incurred, including reimbursable expenses and include a fee schedule. (all indirect costs will be billed 1X, that is, no mark-up)

Site safety inspections can be performed by Alexander Building Construction Safety Director for \$8,000 during construction.

C) Please include any fee adjustments (positive or negative) that would be incurred if bidding of the Ferguson Township project is delayed for 12 months.

+ \$30,000 (Thirty Thousand Dollars)

Gray's Woods Elementary School

D.1) Please indicate your fixed fee for this project. The fee will be all-inclusive for services from schematic development through project closeout. (including attendance at meetings of the CAC for Facilities, approving authorities, and Board of School Directors).

\$45,000 (Forty-Five Thousand Dollars)

D.2) Please list the number of meetings included in the above price and the cost for any additional meetings.

All meetings required to complete the project by August 2011 are included and there is no additional cost for meeting attendance during this timeframe.

D.3) List any additional services or costs that could be incurred, including reimbursable expenses and include a fee schedule. (all indirect costs will be billed 1X, that is, no mark-up).

Site safety inspections can be performed by Alexander Building Construction Safety Director for \$2,000 during construction.

EXHIBIT "D"



State College Area School District

The following is a guideline for project design submittals to the Facility Committee of the State College Area School District. During the design process the committee must review three progress stages. They have been designated as 30%, 60% and 90%. If deemed necessary, the committee may require a final review after 90%, bringing the total reviews to four. At each review, members of the committee, along with representatives of the building in question, will be present. The group size will range from 10 to 20 (possibly more). The presentation should be sensitive to the size of the group and be presented with full size documents, reduced copies of key portions for each member and as many visual aids as necessary to accurately portray the project to the entire group.

Following the presentation a written list of questions and concerns will be forwarded to the design professionals within five working days. This list should be responded to specifically in writing at the following review. Verbal review of the response may be in the form of a preface to the next review or incorporated into the review itself (this will be dependent on the nature and extent of the questions).

The presentation will generally take place at one of the committee's regular monthly meetings. These meetings are held once monthly at 4:00 p.m. The presentation should last from one to two hours depending on the size and complexity of the project. If possible, written materials should be submitted to the district one week in advance for distribution to, and review by, the committee. If a complete written submission is not ready one week in advance, the design professional must at minimum submit an outline of the presentation along with the following; key areas for consideration, any expected deviation from submission requirements, and any unusual circumstances or problems. As many members of the design team as possible should be present to answer questions during the meeting. A thorough and well-presented submission will ensure that the design phase proceeds smoothly.

30% REVIEW

This review may be the first exposure many at the meeting have had to the project. An overview of steps leading to the project and general description of work should precede the presentation of required documents. This phase should present several alternate solutions to the project requirements. If only one plan is presented, the process of identifying this solution must be identified and the plan justified.

Many elements are required but the key aspects of each review (30/60/90) are:

1. Plancon process

A thorough report of rationale used in determining if the project will be submitted for Plancon. If the project is determined to be submitted for reimbursement, progress on the process must be reviewed.

2. Program conformance analysis

Provide a general review describing how proposed design meets the functional, statistical, and educational requirements of the program. Describe any departures from program or any recommended changes and reasons thereof.

3. Schedule

Provide an update of the project schedule to reflect the completion of scheduled activities and refinement of the remaining design activities as well as construction phase milestone dates. Also, included should be:

- a. remaining dates for design phase submittals.
- b. bid calendar including dates of advertisement, pre-bid meeting, bid opening, and bid award.
- c. completed and scheduled meetings with code and zoning officials. List all required approvals and critical dates.
- d. completed and scheduled meetings with users' groups.
- e. important milestones that must be completed by the district.

4. Project Cost Estimate

Based on the documentation, an update of the project cost budget. Included should be:

- a. construction cost, including site costs
- b. soft costs, including fees for design, consultants and project administration.

The documentation prepared by the architect at the completion of the 30% phase will usually consist of the following.

- A. Site plan showing the relationship between new and existing structures, traffic flow, existing and proposed topography, landscaping features, roads and walks and major utility connects, typically at 1-inch = 20 feet scale. Utilities requirements (type, estimated load, proposed routing and connection locations):
 - Electric (Normal) Gas
 - Water Storm Water Management
 - Sanitary Telecommunications
 - Fire Protection
- B. Typical floor plan(s) at 1/16-inch scale. May be single line in this phase.
- C. Plans of special floors or areas at 1/8-inch to provide understanding of the design direction.
- D. Roof plan; 1/16-inch scale.
- E. Elevations. Not fewer than two (2) in schematic form at 1/16-inch or 1/8-inch scale as appropriate.
- F. Diagrammatic sections; 1/8-inch scale.
- G. Equipment and furnishings. Indicate any special equipment that influences design; show other equipment and furnishings as required for "proof-of-scheme."

The following reports are normally prepared as a part of the 30% review:

A. Material/Systems Outline:

1. Structural Systems. Describing proposed materials, foundation types, modules, design loads, and design criteria to be employed.
2. Building Envelope. Describing wall systems, window types, glazing types, provisions for cleaning and thermal characteristics and roof systems. (Waterproofing/weatherproofing requirements.)
3. Principal Interior Finishes. Describing finishes for typical areas, areas subject to heavy use or traffic, toilet areas, and food service areas, and any special finishes; for example, entry lobby, etc.
4. Mechanical Systems. Outline tentative selection of energy heating-cooling systems and control methods, including relationship to existing systems, if appropriate. Provide design data statement (temperature, humidity, etc.), block load data, proposed location of outdoor components.
5. Electrical Systems. Outlining tentative distribution method, typical lighting types and levels, fire protection, emergency and communication systems.
6. Telecommunications. Description of systems and capabilities. Service line location.
7. ADA requirements. State where standards for ADA are being met and any areas where standards have not been complied, and give reasons for noncompliance.

B. Interrelationship Review. Describe provisions for compatibility among structural, mechanical, and electrical systems; size and location of mechanical-electrical equipment spaces.

C. Code Analysis. Providing written statement describing methods proposed to comply with governing codes and regulations, including zoning, occupancy, life safety, fire resistance, fire protection, and structural adequacy.

60% REVIEW

At this review questions or concerns posed from the 30% review must be addressed. Also, updates of the four key aspects (Plancon process, program conformance analysis, schedule, and project cost estimate) must be presented.

Additionally, the following documentation is required: .

- A. Site Development. 1 inch = 20 feet, similar to schematic submittal, plus the following:
 - 1. Entry and exit conditions, on-site roadway and final traffic flow with percent grades.
 - 2. Parking layouts, if applicable.
 - 3. All underground utilities and services.
 - 4. Proposed planting plan showing species, size, quantity and spacing of plant materials.
 - 5. Established elevations.
 - 6. Lighting layouts.
 - 7. Completed sewer planning module.
 - 8. Soil Erosion and Sedimentation Control Plan Draft.
- B. Floors Plans. 1/8-inch scale minimum, including designated room names and numbers, dimensions, door swings, and typical material indications. Tabulate design loads on drawings.
- C. Plans of Special Floors or Areas. Floor plans of special areas at 1/4-inch scale minimum.
- D. Reflected Ceiling Plans.
- E. Roof Plan. 1/8-inch scale, include penthouses, major mechanical equipment, expansion joints, and all projections visible from ground level.

- F. Elevations. 1/8-inch scale minimum for all exterior walls of building; include floor elevations and enlargement of special details or wall configurations.
- G. Sections. 1/8-inch scale minimum; number as required to reasonably illustrate floor relationships, construction thicknesses and profiles, vertical circulation, and special features.
- H. Typical Details. Plans should not be smaller than 1/2-inch scale, including exterior wall sections.
- I. Finish Schedules. Format is intended for construction documents; schedules must show construction document room numbers.
- J. Equipment and Furnishings. Expand schematic design requirements. Include a list on a room number basis, noting both new and existing equipment to be used. With existing equipment, note location and what, if any, modifications to the equipment will be necessary to adapt it to its new location.
- K. Mechanical/Electrical Provisions. Single line drawing to illustrate duct work, principal piping, riser diagrams and single line diagrams, lighting layouts, and other typical systems; provide double line drawings in equipment rooms and restricted areas at scale as required to illustrate adequacy of area and clearances.

The following reports are normally a part of the design phase documentation:

- A. Structural Provisions
 - 1. Design Data
 - a. Design criteria employed
 - b. Live, dead loads
 - c. Confirm system(s)
 - d. Confirm foundation type
 - e. Confirm special provisions for concentrated loads, openings, and equipment loads
 - f. Subsurface waterproofing methods, if applicable

B. Mechanical/Electrical Provisions

1. Confirm systems selections by analysis reflecting initial cost, useful life, rate of return, building construction and configuration, weather conditions, building occupancy, utility costs, and maintenance costs. Make analysis in accordance with the format shown in ASHRAE Guides, "Owning and Operating Cost Data and Summary." (This will be performed only if the district contracts for this additional service).
2. Integrated Systems (when applicable). Describe interrelationships, efficiency of control, and operation restrictions.
3. Energy and Utility Summary. Calculate estimated consumption of electricity, water, steam and gas, and flow capacities of drainage systems; provide breakdowns for major areas' subsystems or equipment loads. (This will be performed only if the district contracts for this additional service).
4. Lighting Fixtures. Provide manufacturer's name, description, illustration and characteristics for typical lighting fixtures, including exterior; designate areas where special fixtures or layouts are contemplated.

C. Code Analysis Review

Review analysis made during schematic design to confirm or supplement previous conclusions and update meeting reports with zoning or building code officials.

D. Acoustical Report

Outline provisions for sound control and attenuation in typical area; describe provision (or Consultant's report) for severe acoustic problems; describe provisions for isolation of sound due to motor-driven equipment, etc.

E. Area Volume Statistics

Check calculations made during schematic design, and tabulate any significant changes.

F. Outline Specifications and Related Documents

Provide brief description of proposed conditions of the contract and technical specifications, following the 16 division format of the "Uniform System for Construction Specifications."

90% REVIEW

At the 90% review all questions and concerns from the 60% review must be addressed. Also, a complete and thorough update of the four key aspects (Plancon process, program conformance analysis, schedule, and project cost estimate) must be presented.

The following are requirements in addition to the items outlined in the 30% and 60% reviews:

A. Civil and Site Work Drawings

1. Site Survey

Incorporate, but qualify that its inclusion is for bidders' convenience only.

2. Landscaping

Incorporate on the drawing as required schedule of planting materials.

3. Stormwater Management and Underground Drainage

Include invert elevations; show foundations (if any) on drainage drawings. Include profiles, geotechnical criteria, infiltration and/or detention parameters.

B. Structural Drawings

1. Design Loads

Tabulate on drawings; identify design criteria; avoid duplication of any information or requirements stated on specifications.

2. Protection

Show relationship to adjacent structures and methods of protection.

C. Architectural Drawings

1. Fire Protection

Identify location and extent of fire-resistive walls and partitions; identify rated door openings on schedules.

2. Elevators

Note characteristics on drawings, including speed, capacity, and electric current requirements (establish capacity allowance as appropriate).

3. Equipment

Show all equipment included in construction contract. Show equipment not on contract when anchorage is required or when advisable to facilitate delivery, location, or adjacent or related construction and the like.

D. Food Service Equipment

1. Base Drawings

Include for equipment other than free-standing with legs or manufactured bases.

2. Rough-in Drawings

Include, showing sizes, characteristics, and locations of mechanical and electrical services.

E. Mechanical Drawings

1. Equipment Rooms

Not less than 1/4-inch scale, showing multiple plan levels, when required, for clarity.

2. Sections

Include for equipment, piping, and duct work in restricted areas.

3. Duct Work

Show double line on plans, sections, and details. Provide one line riser diagrams.

4. Supports

Coordinate hangers, bases, and supports with other drawings.

F. Electrical Drawings

1. Panel Schedules
2. Motor Control Schedules

Include size and type starters, interlock devices, and disconnects.

G. Laboratory Equipment

1. Elevations

Include wall elevations for equipment in typical and special rooms. Include sections for special equipment.

H. Graphics

1. Both interior and exterior.

I. Engineering Calculations

The following reports are normally required at the completion of the 90% review:

A. Confirmation of reports submitted during design development phase as follows:

1. Code analysis review
2. Acoustical report for specialty areas such as music rooms and gymnasiums.
3. Area volume statistics

B. Changes--Since Approval of Design Development

Document any others not included hereinabove.

C. Conformance

Confirm conformance with requirements of City Code Agencies and Public Utilities.

The following specifications and related documents are required:

A. Cover, Title Page, and Table of Contents

Include official project title, Owner and User credits, architect's and consultant's credits, location, date, and official project number(s).

B. "Front End" Document

Appropriate general conditions, general provisions (special conditions) and the "Bidding Documents"

C. Technical Specifications

The architect is responsible for the technical (Division 2, etc.) specifications.

D. "Bidding" Documents

Documents, such as "Invitation to Bid," "Instructions to Bidders," Bid Bond Forms, Performance Bond Forms, Safety Program requirements, Project Schedule information, and other requirements.

At the completion of 90% review the committee will again formulate a written list of questions and concerns. Additionally, it will be determined if a written response is sufficient or a "final committee review" is required.

Exhibit "E" Key Personnel Assigned to the Project
State College Area School District –
District Wide Facilities Master Plan Phase I
State College, Pennsylvania

The following personnel will be assigned to the project unless changes are agreed to by the Owner and the Construction Manager.

Project Executive	Chris Magent
Senior Project Manager	Dave Carll
Project Manager (On-Site Representative)	Scott Miller
Superintendent (On-Site Representative)	Rick Thomas