

Presentation on the Visual and Performing Arts Center

**PROJECT LEAD / ARCHITECTURE: SPILLMAN FARMER
ARCHITECTS**

BASED IN BETHLEHEM PA

FOUNDED IN 1927

CLIENTS THROUGHOUT THE EASTERN UNITED STATES

HIGHER EDUCATION FOCUS: 200+ PROJECTS ON 50+ CAMPUSES

35 STAFF MEMBERS INCLUDING:

5 PRINCIPLES

17 REGISTERED ARCHITECTS

CERTIFIED CONSTRUCTION SPECIFIER

CERTIFIED INTERIOR DESIGNER

**7 LEED[®] ACCREDITED PROFESSIONALS (UNITED STATES GREEN
BUILDING COUNCIL)**

PROJECT TEAM

***PROJECT LEAD / ARCHITECTURE: SPILLMAN FARMER
ARCHITECTS***

THEATER CONSULTANT: DAVIS CROSSFIELD

ACOUSTIC CONSULTANT: ACOUSTIC DIMENSIONS

VISUAL ARTS CONSULTANT: CHARLES B. FROOM

SPILLMAN FARMER ARCHITECTS: EXPERIENCE



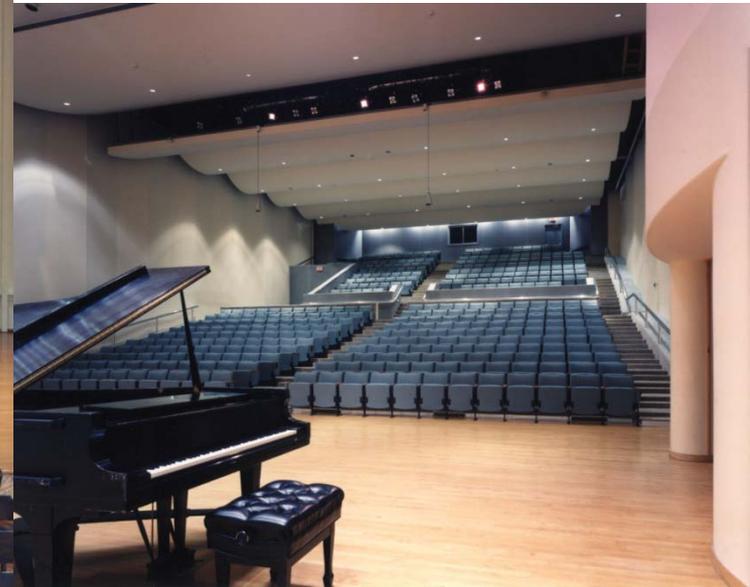
**SUSQUEHANNA
UNIVERSITY**

**CENTER FOR MUSIC &
ART**

SPILLMAN FARMER ARCHITECTS: EXPERIENCE



MORAVIAN COLLEGE MUSIC DEPARTMENT



SPILLMAN FARMER ARCHITECTS: EXPERIENCE

***SUSQUEHANNA
UNIVERSITY
DEGENSTEIN CENTER***



SPILLMAN FARMER ARCHITECTS: EXPERIENCE

*GETTYSBURG COLLEGE
KLINE THEATRE*



SPILLMAN FARMER ARCHITECTS: EXPERIENCE



***DICKINSON COLLEGE
WEISS CENTER FOR
THE ARTS***

SPILLMAN FARMER ARCHITECTS: EXPERIENCE



*THE STATE THEATRE
(EASTON PA)*

SPILLMAN FARMER ARCHITECTS: EXPERIENCE



***SYMPHONY HALL
(ALLENTOWN PA)***



SPILLMAN FARMER ARCHITECTS: EXPERIENCE

*THE ICE HOUSE
(BETHLEHEM PA)*



SPILLMAN FARMER ARCHITECTS: EXPERIENCE

*EASTON MIDDLE
SCHOOL
AUDITORIUM*



SPILLMAN FARMER ARCHITECTS: EXPERIENCE

LAFAYETTE COLLEGE WILLIAMS VISUAL ARTS CENTER



SPILLMAN FARMER ARCHITECTS:
GREEN DESIGN

PLAZA CANTON CENTER (INTERIOR)
LEED® GOLD CERTIFIED

**KEYSTONE NAZARETH BANK &
TRUST**

**LEED® REGISTERED, CERTIFICATION
PENDING**

**DICKINSON COLLEGE CENTER FOR
SUSTAINABLE LIVING**

**LEED® REGISTERED; CERTIFICATION
PENDING**

**MILTON HERSHEY SCHOOL SUPPLY
CENTER**

**LEED® REGISTERED; CERTIFICATION
PENDING**



**LEHIGH VALLEY INDUSTRIAL PARK OFFICE
BUILDING**

LEED® REGISTERED; PROJECT IN DESIGN

BRYN ATHYN COLLEGE SCIENCE BUILDING

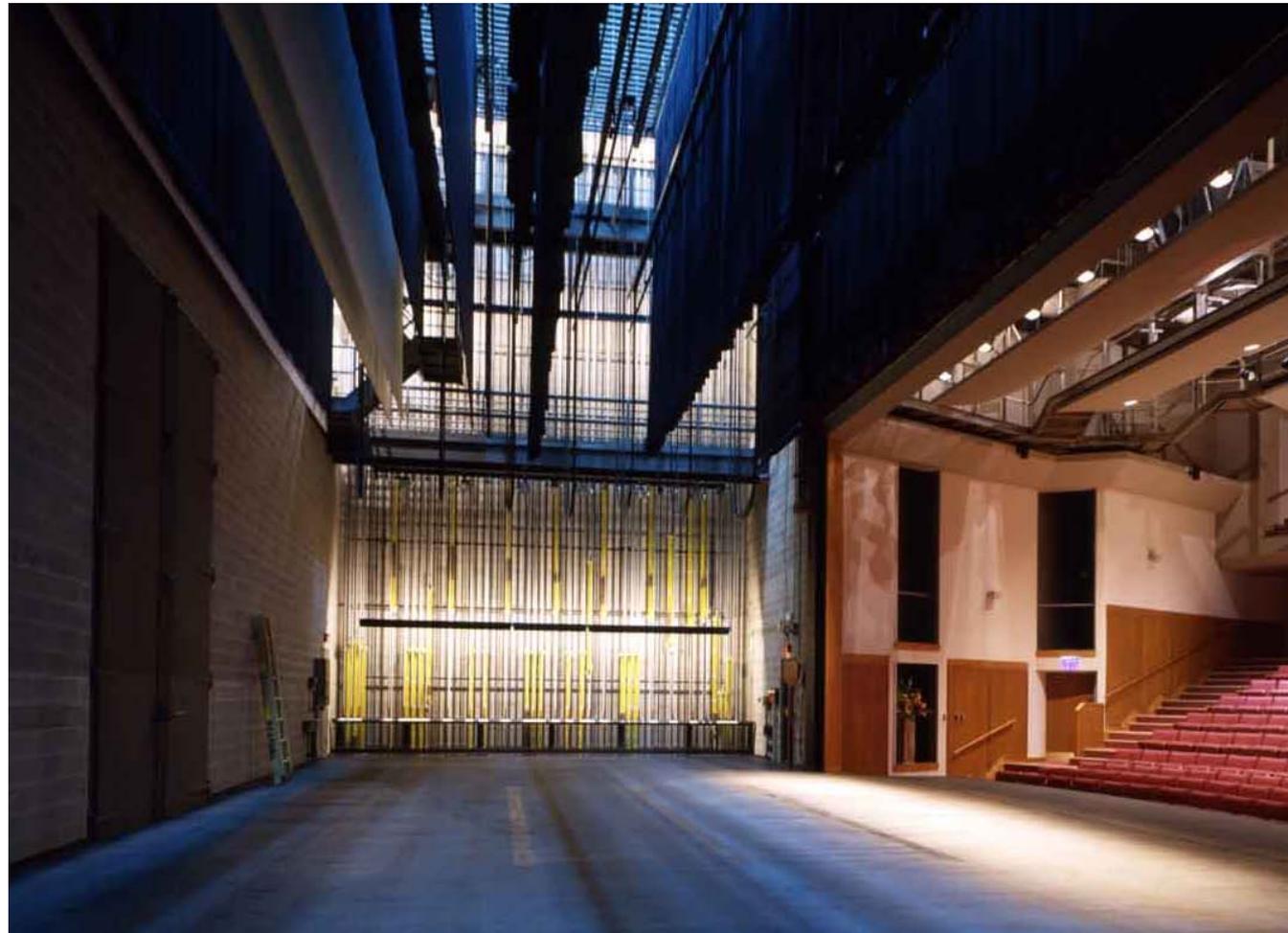
**LEED® REGISTRATION PENDING; PROJECT IN
EARLY DESIGN**

**SUSQUEHANNA UNIVERSITY WEST VILLAGE
HOUSING**

**LEED® REGISTRATION PENDING; PROJECT IN
EARLY DESIGN**

DAVIS CROSSFIELD: EXPERIENCE

***SUSQUEHANNA
UNIVERSITY
DEGENSTEIN CENTER
(WITH SPILLMAN
FARMER ARCHITECTS)***



DAVIS CROSSFIELD: EXPERIENCE



***TOWSON UNIVERSITY
CENTER FOR THE ARTS***

DAVIS CROSSFIELD: EXPERIENCE

*GEORGE MASON
UNIVERSITY
COMMUNITY
PERFORMING ARTS
CENTER*



DAVIS CROSSFIELD: EXPERIENCE

CORNELL UNIVERSITY

***BADLEY HALL
RENOVATION***



DAVIS CROSSFIELD: EXPERIENCE



**UNIVERSITY OF
NORTH
CAROLINA**

ACOUSTIC CONSULTANT: ACOUSTIC DIMENSIONS

***BASED IN NEW YORK NY WITH OFFICES IN DALLAS, AND
THE UK***

COMPREHENSIVE CONSULTING SERVICES IN:

ACOUSTICS

NOISE AND VIBRATION CONTROL

SOUND ISOLATION

AUDIO/VIDEO SYSTEMS

LIGHTING,

AUDITORIUM DESIGN

ACOUSTIC DIMENSIONS: EXPERIENCE

***ROUNDHOUSE
THEATRE***



ACOUSTIC DIMENSIONS: EXPERIENCE

**'62 CENTER FOR
THEATRE AND
DANCE**

**WILLIAMS
COLLEGE**



ACOUSTIC DIMENSIONS: EXPERIENCE



***WORLD CAFÉ
LIVE***

***(PHILADELPHIA
PA)***

VISUAL ARTS CONSULTANT: CHARLES B. FROOM

***EXPERIENCED MUSEUM PLANNER,
INSTALLATION, AND LIGHTING DESIGNER***

***EXPERIENCE INCLUDES 30+ YEARS IN THE
MUSEUM AND GALLERY FIELD AS WELL AS
SPECIAL EXHIBITIONS IN MORE THAN FIFTY
INSTITUTIONS IN THE UNITED STATES, EUROPE,
CENTRAL AMERICA, AND THE MIDDLE EAST***

***SERVICES INCLUDE: ARCHITECTURAL
PROGRAM DEVELOPMENT,
 PERMANENT COLLECTION
INSTALLATIONS, LIGHTING DESIGN***

VISUAL ARTS CONSULTANT: CHARLES B. FROOM



***TREASURES OF
TUTANKHAMUN
ÄGYPTISCHES MUSEUM
(BERLIN, GERMANY)***



VISUAL ARTS CONSULTANT: CHARLES B. FROOM

***NEW YORK PUBLIC
LIBRARY***



Construction Manager

Heery

HEERY

- ❖ **Construction Management, Full Service Design and Engineering**
- ❖ **Founded 1952**
- ❖ **Over 30 Offices Including Philadelphia, Harrisburg, Baltimore, DC**
- ❖ **Annual Revenue Over \$600 Million**
- ❖ **Completed Over \$220 Million In Multi-prime Construction**

Construction Management Services

Preconstruction Phase Services

- ❖ Design & Constructability Reviews
- ❖ Cost Estimating and Budget Validation
- ❖ Master Scheduling and Phasing Construction
- ❖ Manage Bid and Award

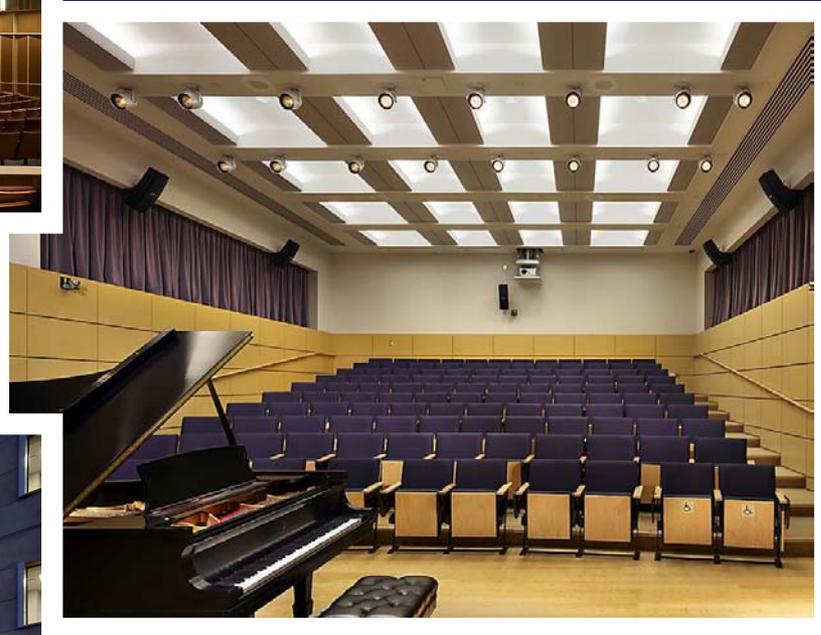
Construction Phase Services

- ❖ Full time On-site QA Observations
- ❖ University's Main point of contact
- ❖ Monitor Site Logistic & Safety Plans
- ❖ Maintain record documents
- ❖ Monitor Project Schedule
- ❖ Manage and Coordinate Multi-Prime Contractors

Swope Music Building and Performing Arts Center



❖ LEED Silver Accredited



West Chester University
Construction Program Management Services

Marie Brooks Strange Music Building Performing Arts Center

- ❖ Renovated Recital Hall
- ❖ 400 Seat Theatre
- ❖ Houses Music Department

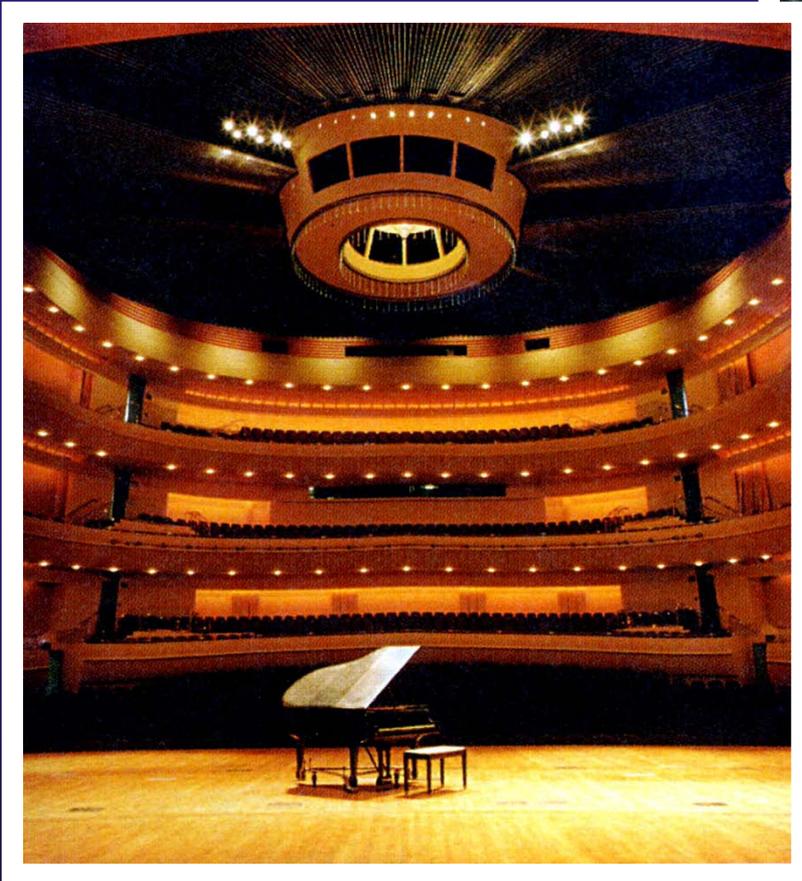


Tennessee State University
Construction Program Management Services

San Luis Obispo Performing Arts Theater

❖ 1,300 Seats

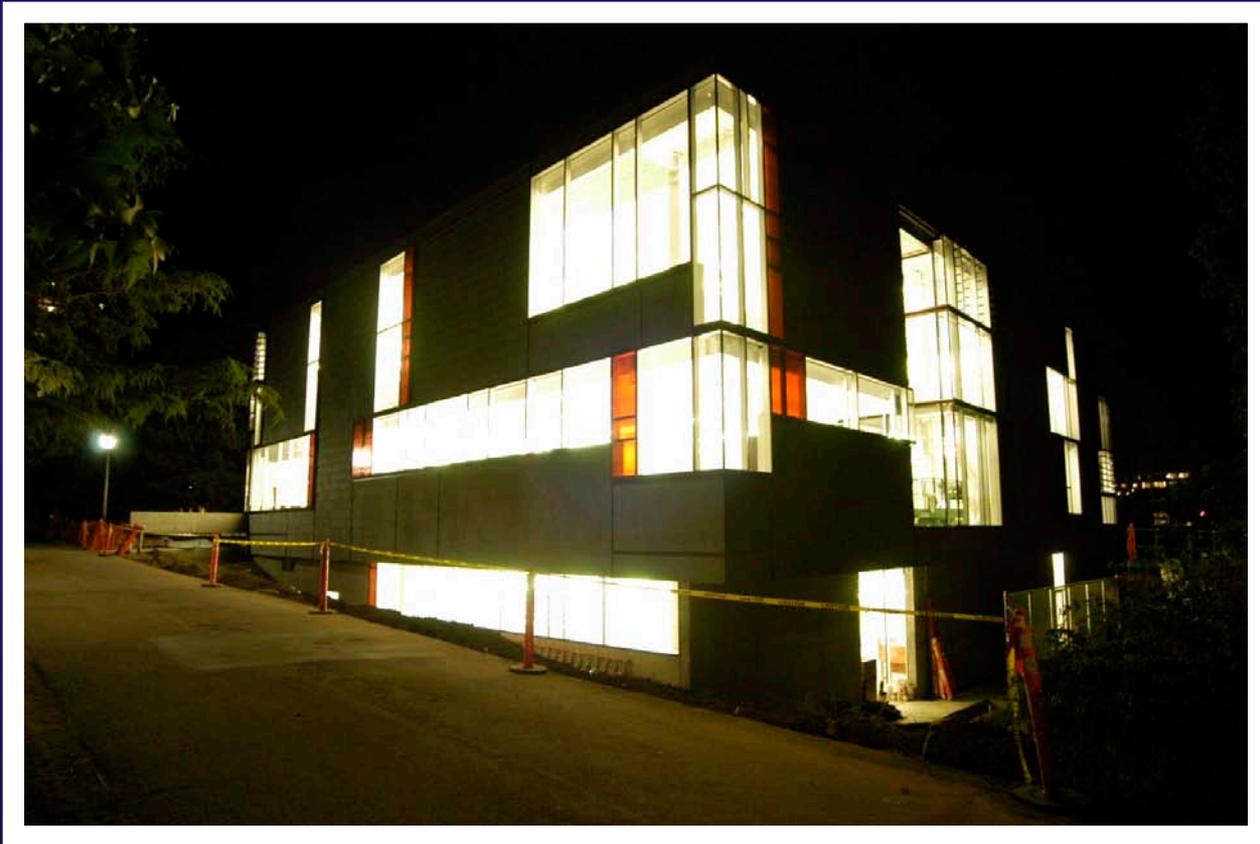
❖ Stainless Steel Exterior



California Polytechnic State University
Preconstruction and Design Review Services

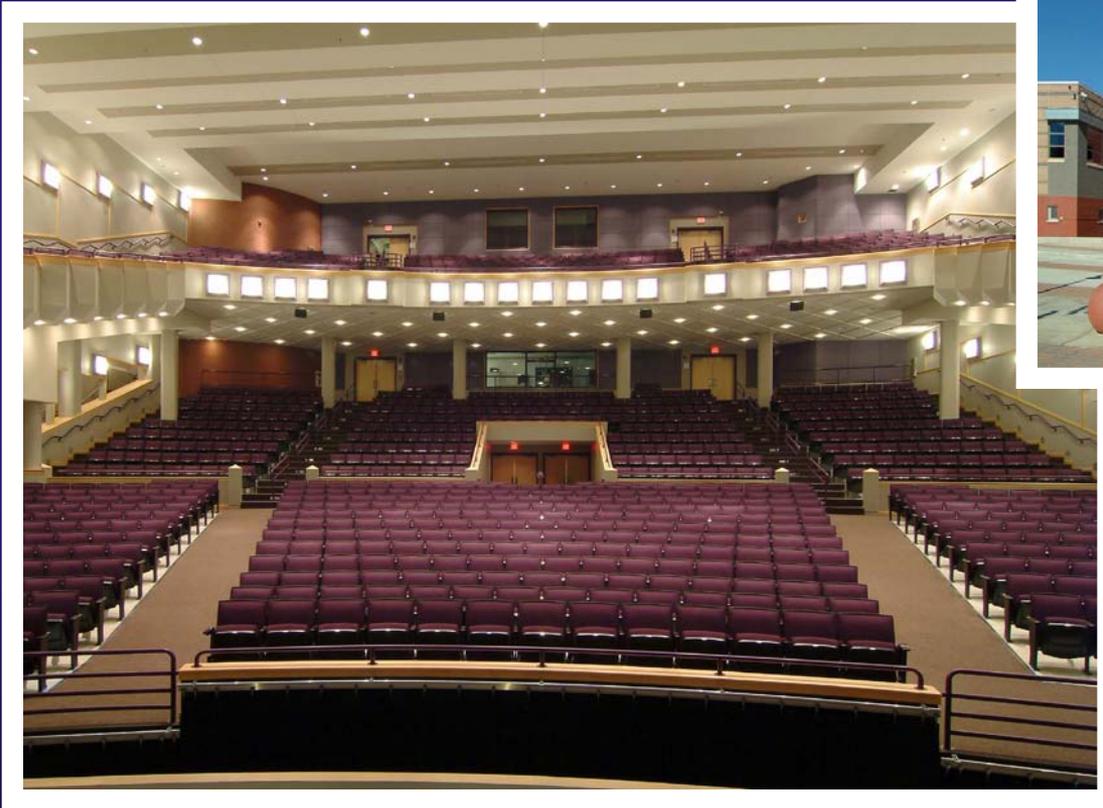
UC Berkeley Music Library

- ❖ 20,000 SF Music Library
- ❖ Practice and Rehearsal Rooms



Lawrence HS Performing Arts Center

- ❖ 1,230 Seat Theatre
- ❖ Reinforced Concrete Balcony and Orchestra Pit

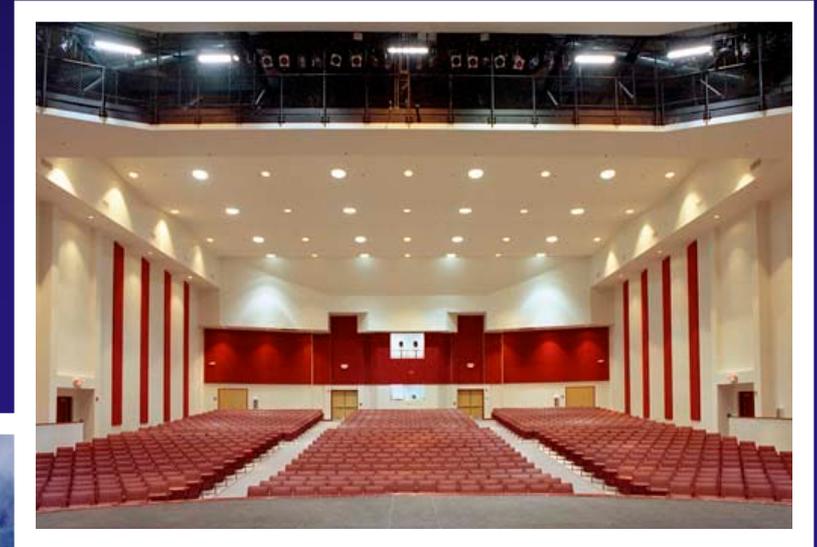


Lawrence High School Campus
Construction Program Management Services

Glynn Archer Center for Performing Arts

❖ 1,000 Seat Theatre

❖ Built to Sustain Hurricane Forces



Key West High School
Construction Management at Risk



Bob Monser, PE, CCM
Principal-in-Charge

John Anthony
Project Manager

Mark Purcell, AIA, CCM
Pre-construction Manager

Matt Eskridge
On-Site Construction Manager

Heery Design
Review Team

Rhonda Eckenrode
Darrick Sellers
Al Goergens
Estimating

JBC Associates
Scheduling

Administrative Support

The Challenge

A Survey by of over 40 Institutions in the Chronicle of Higher Education

- Spelman & Farmer Analyzed 24 Performing Arts Center which were equal to Millersville University

- Of the 24:

• Lowest cost per square foot	\$230
• Highest cost per square foot	\$521
• Average cost per square foot	\$347

What about Other Construction?

•Susquehanna University	
•72% New Construction – 28% Renovation	\$217 S/F
•Juniata College	\$237 S/F
•West Chester University	\$330 S/F
•Ball State University	\$230 S/F
•Western Carolina University	\$232 S/F
•Average of these five	\$249 S/F

Millersville University Visual & Performing Arts Center

- Program calls for 127,478 Net Assignable Square Feet
 - This will mean a minimum of 146,600 Gross S/F
- Total Budget \$17,300,000
 - Construction \$13,600,000
 - Design, Contingency & etc \$ 3,700,000
- \$13,600,000 divided by 146,600 equals \$92.77 per S/F
- At present, we will use \$300 per S/F, we would get 45,333 S/F
- This is 31% of the Program Document

The Next Step

- Spelman & Farmer
 - They will come to campus and talk with all the Committee.
 - They will build a design schematic with cost scenarios on how we need to proceed.

What other things can we do?

Questions?