

Presented By: THE UNIVERSITY OF TEXAS
AIA AUSTIN
THE SOUTHWEST BRICK INSTITUTE



Southwest Brick Institute
P.O. Box 14667
Austin, Texas 78761

PRSR STD
U.S. Postage
PAID
AUSTIN, TEXAS
Permit No. 1193

Registration is \$45 which includes box lunch and over 100 pages of valuable information concerning the design and building of masonry structures. Call the Southwest Brick Institute 451-4668 for more information .

Registrants also receive a CD with the latest edition of the BIA TECHNICAL NOTES ON BRICK CONSTRUCTION — a \$75 value.

Fill out the form below and send \$45 to: **SOUTHWEST BRICK INSTITUTE • P.O. Box 14667 • AUSTIN, TX 78761**

NAME _____

FIRM _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE _____ FAX _____

E-MAIL _____


Brick Design Issues for Architects and Engineers

Five Hours of Continuing Education Credits

APRIL 27, 2001

9:30 am - 2 pm

**JOE C. THOMPSON CONFERENCE CENTER
AUSTIN, TEXAS**



This seminar is designed to help architects and engineers eliminate potential problems before they happen in the design of masonry structures. Taught by professionals with many years of experience in the brick and masonry industry.



Schedule

1ST SESSION: Inspection of Brick Masonry

INSTRUCTOR: Bill Bailey, PE

Learn that proper inspection of brick masonry during construction is essential to ensure that the construction conforms to the design. Key inspection items are shown including code requirements for inspection.

2ND SESSION: Proper Design of Masonry Arches

INSTRUCTOR: Dr. Richard Klingner PE

Participants will learn about different kinds of masonry arches and how they behave. You will learn basic techniques for successfully designing and detailing masonry arches.

3RD SESSION: Differential Movement in Masonry Structures

INSTRUCTOR: Bill Bailey PE

The attendee learns the different types of movement joints used in walls. Material properties that affect movement are discussed. The sizing and spacing of expansion joints are covered. The participant will successfully be able to design movement joints into buildings after this session.

4TH SESSION: The Importance of Proper Masonry Cleaning

INSTRUCTOR: Paul Tessier

Learn why to use a proprietary cleaner rather than muratic acid. Instruction covers a review of masonry staining including cause, removal and prevention of future staining. Attendee will learn how to specify and apply the proper cleaner as well as when to clean.

5TH SESSION: Video Tour of A Brick Making Facility

INSTRUCTOR: Bill Bailey PE

Participants will tour an actual brick manufacturing facility. Each step in the process of making brick is explained.

Instructors

BILL BAILEY, PE

Mr. Bailey has more than 30 years experience in dealing with masonry structures in Texas. He has taught materials classes at all of the schools of Architecture and has taught in almost all of the schools of engineering as well. He spent almost all of his career with Acme Brick Company of Ft. Worth Texas and now brings his expertise to The Southwest Brick Institute.

DR. RICHARD KLINGNER PE

Dr. Klingner has taught masonry engineering for over 24 years and continues to teach in the school of Engineering at the University of Texas in Austin. Dr. Klingner serves on many national committees concerning the design and use of masonry.

PAUL TESSIER

Mr. Tessier is area sales manager of the southern United States for PROSO-CO, a leader in the manufacturing of products for the cleaning, protecting and maintaining of masonry structures. He has overseen new construction cleaning at building sites from Austin to Orlando, is a 15 year veteran of the construction industry, has lent his expertise on projects including commercial office buildings, hotels, restaurants and to many major universities including the University of Texas at Austin.