

ARCHITECTURE

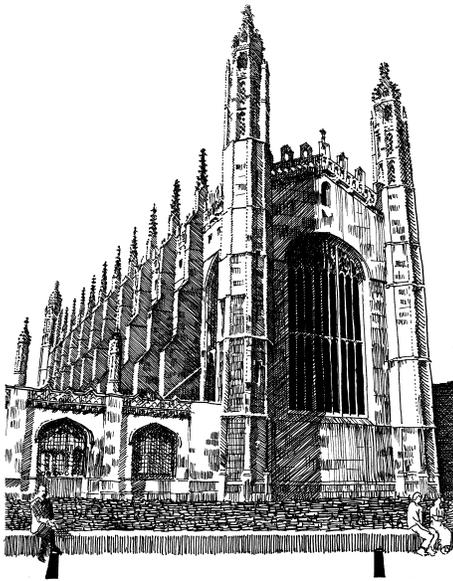
EHLINGER & ASSOCIATES

FOURTH QUARTER 2001



SEASONS GREETINGS

The staff of Ehlinger & Associates extends Seasons Greetings to all of our friends who receive the newsletter. Merry Christmas, Happy Hanukkah, and Happy New Year.



KING'S COLLEGE CHAPEL Cambridge University

This issue's limited edition print by Ladd P. Ehlinger is of King's College Chapel at Cambridge University in England. This chapel was begun by young King Henry VI in 1441 who was inspired to attempt to surpass La Sainte Chapelle in

Paris, the private chapel of the French royal palace built in 1243-48. The original design called for a great forecourt enclosed by arched promenades and buildings with a bell tower on axis with the Chapel west of the main entry toward the River Cam. The only part built however, was the Chapel.

In many ways, King's College Chapel is similar to Sainte Chapelle: the nave is a simple space without side aisles dominated by large windows that fill the entire wall area between buttresses. The buttresses are not the "flying" type as a result. Even so, King's College Chapel took a long time to build. It was built in three phases, the first ending in 1462 (Henry VI was murdered in 1471 in the Tower of London), 1477-84 (by Richard III), and 1508-15 (by Henry VIII). The first two phases are noticeable by the change in the color of the type of stone comprising the construction (from white magnesian limestone to buff colored oolitic limestone). The third phase is reflected most strongly on the interior by the decorative motifs introduced by Henry VIII that changed the simplicity demanded by Henry VI: portcullises, Tudor roses and the like, along with the elaborate wood Organ Screen which almost dominates the center of the church. However, the Chapel was finished off by the great, elaborate, breathtaking fan vaults executed by the master mason, John Wastell, who discarded the lierne vaults that were originally planned for. These vaults truly crown this building making it a masterpiece of English Medieval Architecture.

The King's College Chapel measures 289 feet long by 40 feet in span between piers, and the vaults are 80 feet high. The fan vaulting was completed in three years between 1512 and 1515. The stained glass windows took about another 30 years to complete. Beneath the Great East Window is the *Adoration of the Magi* painted by Rubens in 1634 for the Convent of the White Nuns in Louvain, Bel-

gium, and given to the College in 1961. Along the sides between the buttresses are a series of chapels dedicated to various saints.

WELCOME ABOARD!

MARK BROWN II

Mark Brown II is our newest draftsman in our Huntsville office. Mark is a 22 year old single father of two wonderful children. He holds an Associates degree in drafting and design. He uses his knowledge and skills to aid in his tasks as a draftsman, which include productivity and problem solving.

On occasion he has the opportunity to let some of his other qualities surface in the day to day aspects of operation, such as workmanship and design capabilities. He has experience in many architectural areas which include residential "new build", renovations and historical preservation, commercial warehouse and manufacturing, schools, and incarceration facilities.

Off the Job he mainly enjoys the precious time spent with his children, guiding them and watching them grow. He also enjoys racing cars on the NORCCA and SCCOA circuits

BETTY L. HALLMAN

Betty L. Hallman is our new Administrative Assistant in our Huntsville office. Betty grew up in Greenfield, a small town in Ohio. After high school she joined the United States Army. She spent 1 year at Fort Bragg, North Carolina and 3 years in Germany. During this time she gained experience in Office Administration, Bookkeeping and Accounting. She and her husband of 4 years moved to Huntsville, Alabama in August after her husband received orders to Redstone Arsenal.

Betty is currently enrolled at Calhoun Community College where she will obtain a bachelors degree in Business Administration.

CELESTE REGAL

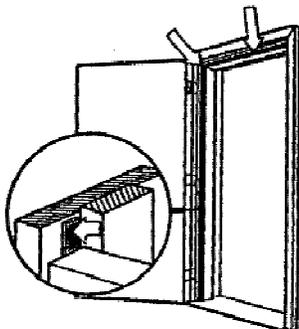
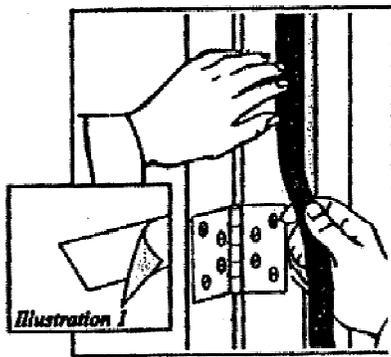
Celeste Regal is our new Project Architect in the New Orleans office. Celeste grew up in a small neighborhood in Kearny, New Jersey. She received a BFA from the Academy of Art College in San Francisco. She spent 7 years as a technical illustrator at Cornell University.

After doing an internship as a drafter, Celeste went to the University of Minnesota to complete a Bachelor of Architecture. Her background as an artist allows her an expressive understanding of architecture.

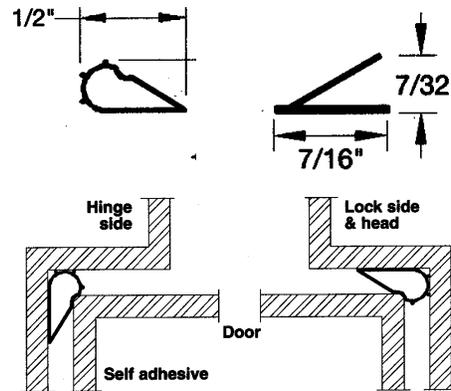
While educated in hand drawing, she took an enthusiastic approach to the computer, learning AutoCAD on the job and becoming familiar with both 3D Modeling and Graphics programs. In her spare time Celeste enjoys putting together architectural installations.

PRODUCT GUIDE

Good weatherstripping of exterior doors saves energy and money. There is a



nice product which is well made and easy to install. If one goes to the extra effort to "do it yourself", then it is especially important that all the labor is well spent in putting in a product that will perform and



last.

Reese Worldwide makes self adhesive weatherstrips that are flexible and simple to apply. Unfortunately the strips only come in black or white. The strips are made of a polyprene compound which does not turn brittle like vinyl and is more wear-resistant than silicone rubber.

Order #797 (tear drop shape) or #798 (V-strip shape). It can be purchased on line at www.reeseusa.com.

A SEASON'S "HONEY DO" MEMO:

... take the bird screen off the chimney ... so Santa can get in!

A fourth quarter addition of the E&A newsletter several years ago featured instructions for the good design of a chimney and suggestions for keeping a it in good shape and working order.

However, the author did forget one item for the chimney maintenance and design list. The author forgot to issue a chimney warning about how to guard against an "infestation of *Chaetrua pelagica*"

Commonly known as a Chimney Swift, this small sparrow sized, B2 (Stealth) bomber shaped bird breeds from the eastern parts of Canada to the Gulf states and flies to the tropics for the Winter. They are among the fastest fliers

in the bird world. They spend all of their daylight hours flying and only rest at night.

They feed exclusively on flying insects. They prefer large chimneys (but medium sized will do) and breed in communal roosts. When they get into the chimney they form a nest of twigs cemented to the inner wall with their saliva.

When the eggs hatch, the youngsters make very loud chattering twitters sounds during feeding time. If the roost is very low in the chimney, the chances are very good that the youngsters learning to fly from the nest will go down and not up and wind up inside the building.

After raising the young and teaching them to fly, they all take off for the tropics. The nest will burn up next time you use the fireplace and chimney, but they will return next year. These birds have incredible memories -- they have been tracked in some cases for years, and they always remember where they last successfully nested, and return to nest again at that location. Those nesting for the first time will return to the chimney where they were born.

They are not very good house guests. The Writer can attest to that fact -- having had the experience (hard learned) of the birds nesting the first year, and then returning to nest again the second year with "interest" (two nesting pairs, the second pair probably one youngster from the first year). There was a reluctance to light a fire the first and second year for fear of harming the nest and occupants, despite the noise emitted that disturbed TV watching in this room.

During the second nesting, two fledglings fell out of the nest or flew down instead of up and entered the house through the fireplace damper. They got confused flying all over the house, bumping into walls, windows and getting caught up in the curtains. They were also very scared, leaving little deposits all over everything -- especially when the Write and wife began chasing them with brooms, trying to steer them to an open window and out of the house.

It is advisable to get a bird screen to avoid the problem in the first place, and also to remember to clean last year's nest(s) from the chimney's walls.