



PATRICK LEMMON

DESIGN/BUILD APPRENTICESHIP, 2013-2016

specializing in structural masonry and timber framing

REFERENCES

Clay Chapman

Master builder, who I have apprenticed under for the last three years. Over the course of those years, I have played an integral part in the construction of four houses, a chapel and bell tower, and a residential renovation.

Fred Nowicki

Master mason based in the Chicago area. He and I helped put on a structural masonry workshop at Notre Dame University in 2014. Since then, we have talked on a weekly basis, discussing all manner of building related topics.

Tom Garmin

Retired builder and community leader in Columbia SC. I have collaborated with him on a handful of small projects and historic restorations.

James Clyde

Client based in Saint Francisville, LA. I have conducted structural masonry consultation work on his residential project.

Gammhill Construction

A general contracting company based in Saint Francisville, LA. I have worked closely with them on the Clyde residential project.

DISCIPLINES

- Residential Design/Build
- Structural Masonry
- Timber Framing
- Carpentry
- Solid Masonry Fireplaces
- Chapels and Pavilions
- Historical Restoration
- Metal Casting

EDUCATION

COLUMBIA INTERNATIONAL UNIVERSITY

BACHELOR OF ARTS IN MUSIC AND BIBLICAL STUDIES WITH A MINOR IN PHILOSOPHY, 2013

EXPERIENCE

APPRENTICE, ATLANTA, GA (2013-2014)

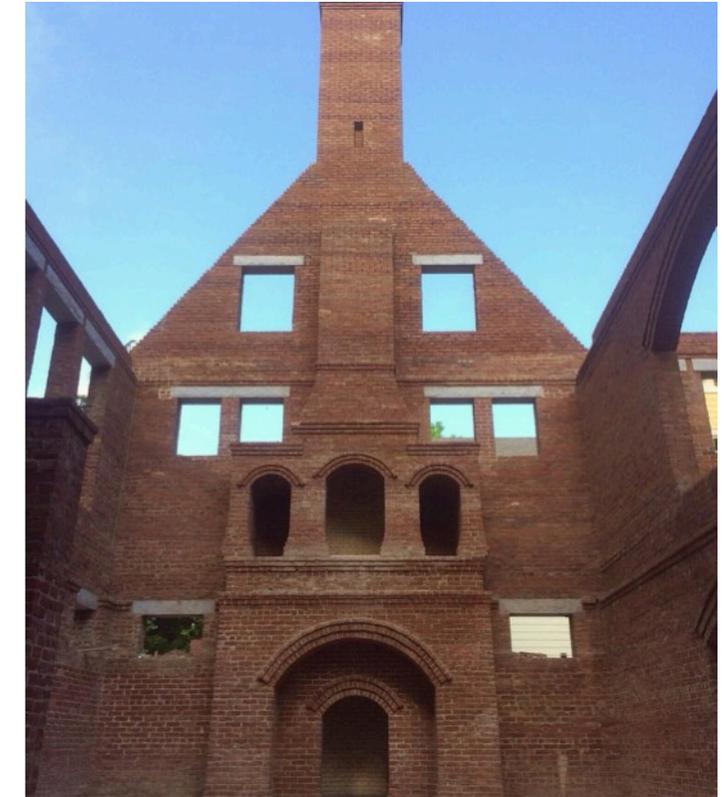
I came on board the Hope For Architecture (HFA) program as an apprentice. Working directly under the master builder who heads up the HFA program, Clay Chapman, I learned two vital lessons in that first year. Firstly, I learned the proper way to labor for a builder. As an aspiring builder, such lessons provided a core knowledge of how to efficiently lead labors on future job-sites. Secondly, I learned the skills and techniques required of a proper builder by shadowing one directly. Working directly under Chapman I learned by example.



HEAD APPRENTICE, CARLTON LANDING, OK (2014-2016)

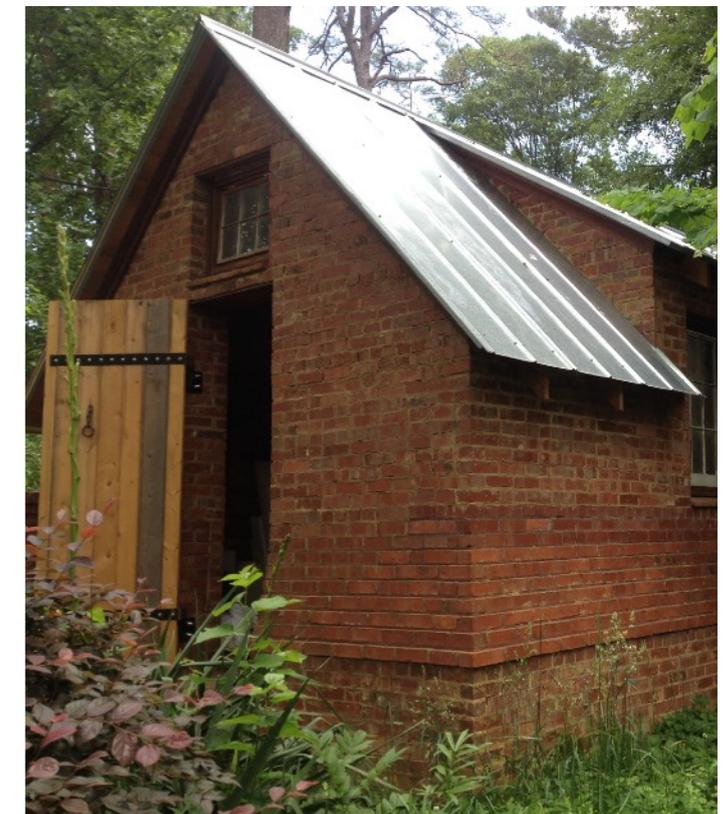
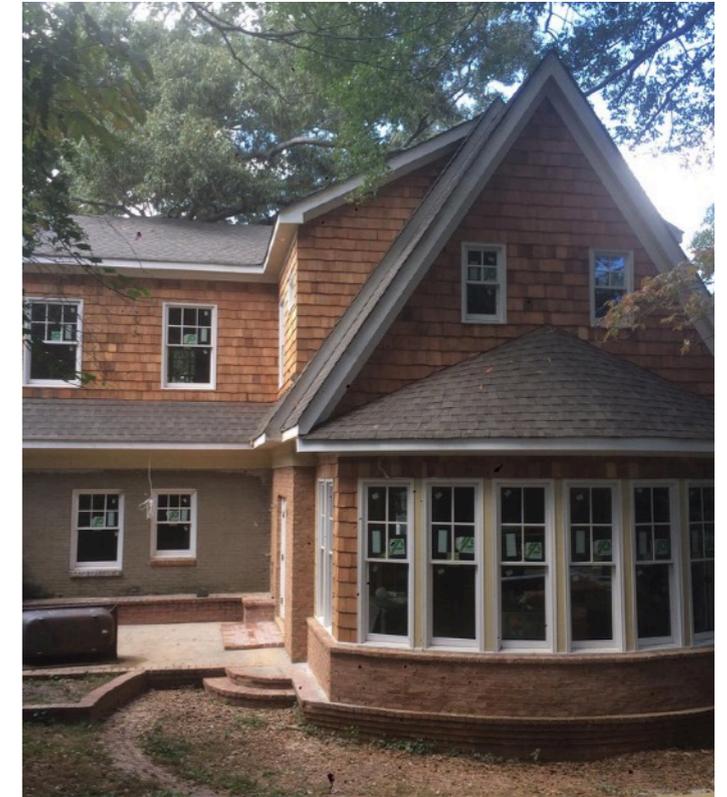
For the second phase of my HFA apprenticeship, I began to take on more responsibility. After relocating my family out to Oklahoma, work began right away. Entrusted to oversee larger and larger aspects of the build process, I developed an aptitude to manage the work of others and to efficiently execute work on my own. Throughout this two year period, I managed and scheduled work with subcontractors, instructed and led the other apprentices, coordinated with suppliers and drivers, took part in city design review meetings, and ran point on various intricate aspects of the building process.





BRENNAN HOUSE, 2013-2014
DECATUR, GA

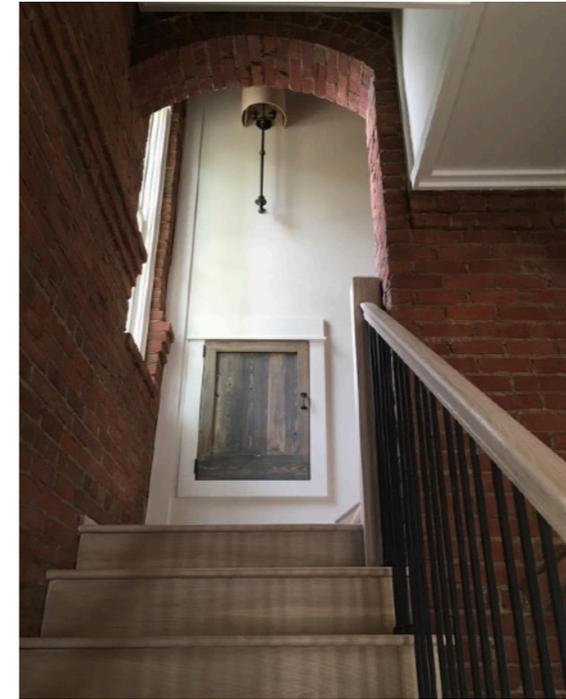
5,000 sq ft house. A story and a half with a full yankee basement, and timber framed back porch. My first project as an apprentice involved a heavy focus on learning proper structural masonry and timber framing techniques.



CHAPMAN HOUSE, 2014

DECATUR, GA

1,800 sq ft house. A story and a half with structural masonry garden shed. This was Clay Chapman's personal residence and was originally a single story structure. Renovating this house entailed adding a second story, back addition, timber frame porch detail, and shoring up structural weaknesses.



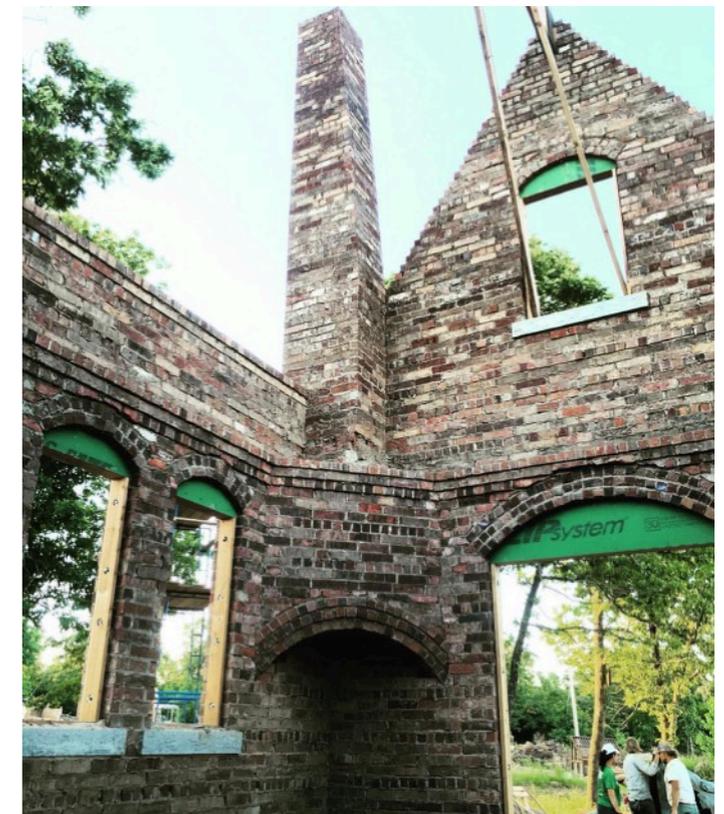
FOUNDATION HOUSE, 2014-2015
CARLTON LANDING, OK

2,100 sq ft house. A two story row house with a dutch gable roof and cantilevered front porch. This project marked a significant increase in the scope of my work as an apprentice. In addition to directly managing subcontractors, I completed a number of intricate detailed elements.



DOLLINS HOUSE, 2015-2016
CARLTON LANDING, OK

1,300 sq ft. house. A story and a half with timber framed porch. Over the course of this project, two new apprentices came on board. In addition to my normal duties, I took on the role of head apprentice and began helping to train the new members. 7



NOTRE DAME COTTAGE, 2016

CARLTON LANDING, OK

700 sq ft. cottage. A story and a half with a wood stove chimney. This truly was a special project. A group of Notre Dame architecture students came down as part of a structural masonry workshop. Without prior experience, they massed out this structure in two weeks.



MONASTERY CHAPEL, 2016
CONYERS, GA

900 sq ft. chapel. An open air chapel with a 40' bell tower. Quite a remarkable project done for the Monastery of the Holy Spirit. The timber frame and roofing elements will be completed in 2017.



SOLID MASONRY FIREPLACES

BRENNAN, FOUNDATION, AND DOLLINS HOUSE

These structural, old world fireplaces are designed to provide the experience of a campfire within the home. Giving the firebox a tall opening allows for the tips of the dancing flames to remain visible, even with a roaring fire.



TIMBER FRAMING

BRENNAN AND DOLLINS HOUSE

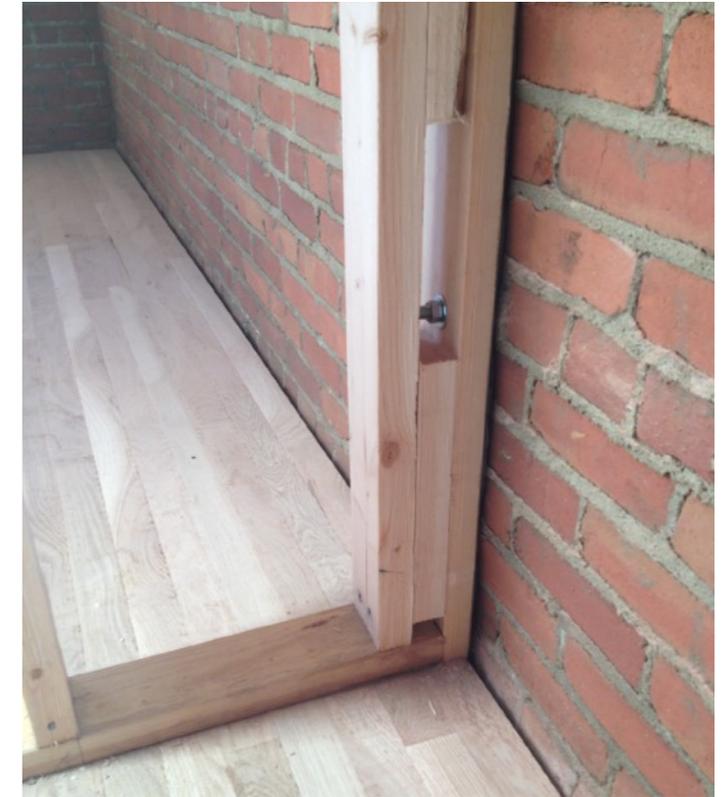
Leaning heavily on the French-scribe method of timber framing, this approach introduces unique bracing techniques. Cutting a gentle radius into the underside of the brace and proportioning them similar to the branches on a tree creates a pleasing, natural result. 11



HALF-LAPPED LATTICE

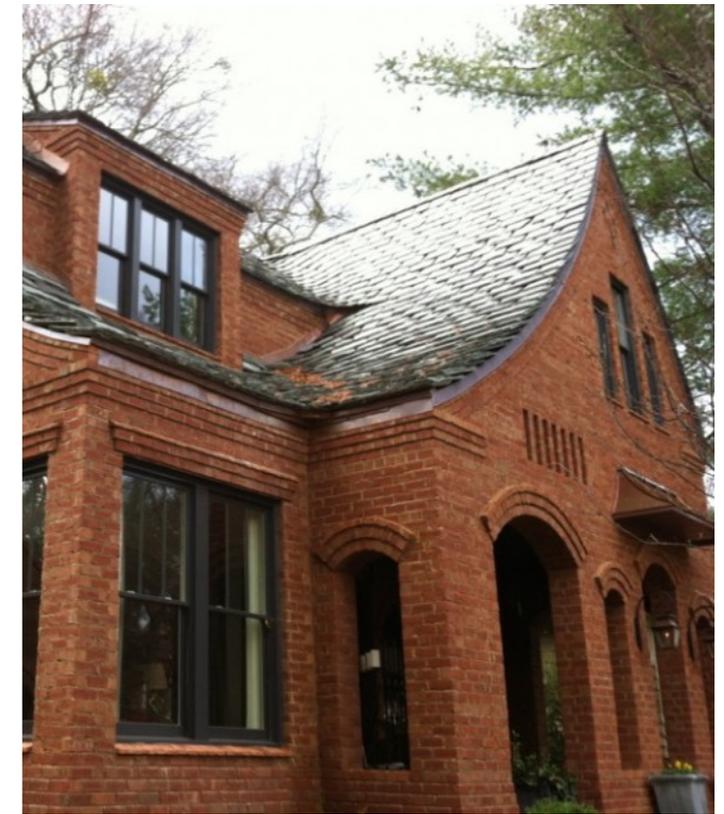
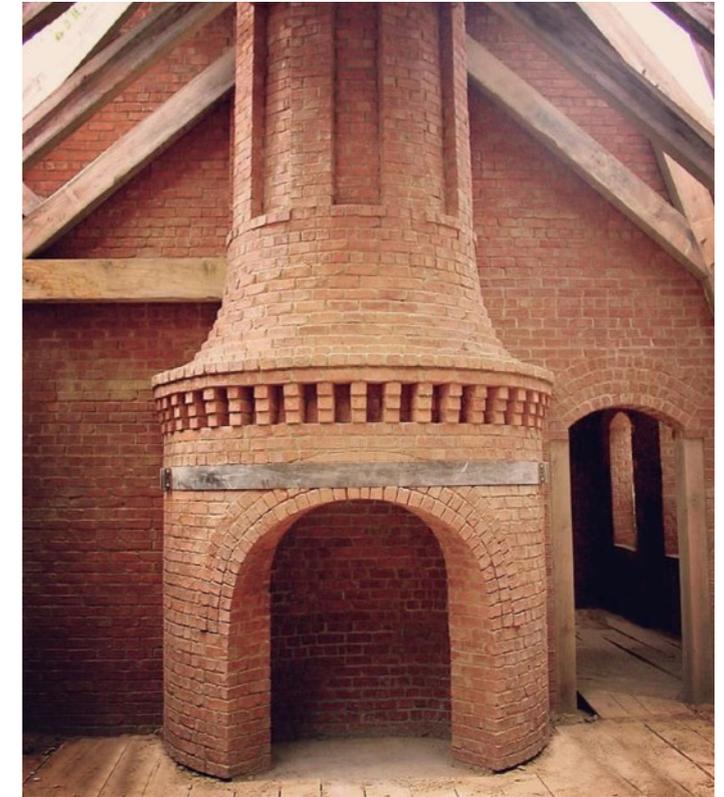
FOUNDATION HOUSE

Custom made lattice for a dutch gable detail. Inch and a half thickness provides a nice depth to allow shadow lines their full range of expression. Cut pieces were stained and coated before assembly to ensure resistance to weathering.



WOOD TO BRICK CONNECTIONS

Structural masonry construction requires well sealed connections where wood is present. A thick layer of ice and water membrane is adhered to the wood and channels are routed on both sides to provide a trough for caulk.



CLAY CHAPMAN PORTFOLIO

PERIODARCHITECTURE.COM / HOPEFORARCHITECTURE.COM

With more than 30 years experience, Clay Chapman has designed and built a variety of unique and celebrated structures ranging from houses to horse stables. Winner of National BIA Award, Best in Class 2011.

CONTACT

PATRICK LEMMON

orthodoxmason@gmail.com

orthodoxmasonry.com

"Let us rightly consider those long held truths, and let us begin building upon them"

