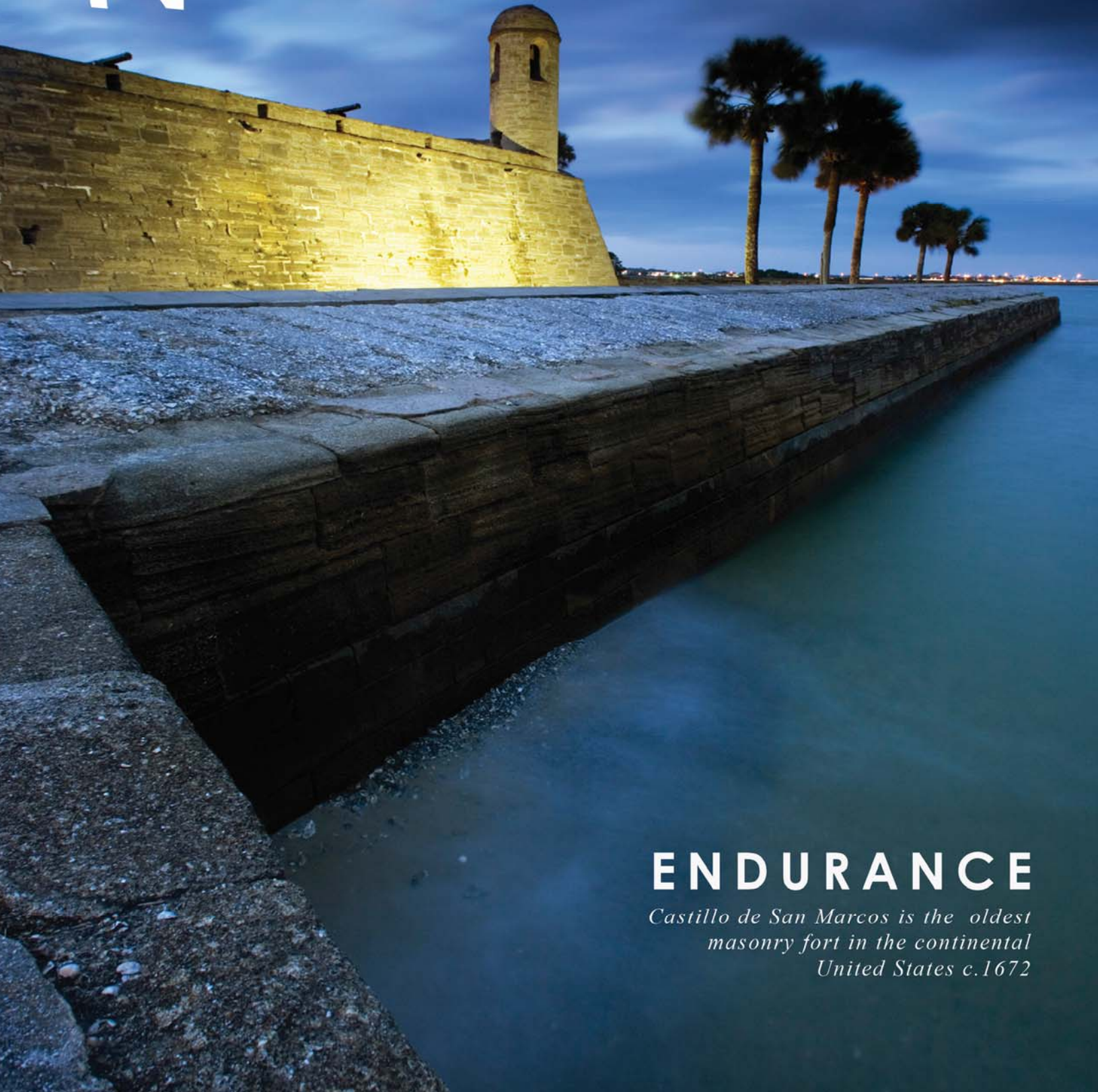


2015

Masonry

Excellence Awards

The Intersection of Art, Innovation & Endurance



ENDURANCE

*Castillo de San Marcos is the oldest
masonry fort in the continental
United States c.1672*

BUILD IT

**SMARTER.
STRONGER.
GREENER.
BEAUTIFULLY.
TOGETHER.**

With more locations and expanded operations we are uniquely positioned to give our partners more value. Let us elevate your construction projects to their highest potential.



Building the future™

Contact us today:

1-855-CX-BUILD (1-855-292-8453)

cemex.solutions@cemex.com

MASONRY ASSOCIATION OF FLORIDA

MASONRY

EXCELLENCE AWARDS

JUNE 2015

www.floridamasonry.com

www.buildwithblock.com

www.floridamasonryawards.com

EXECUTIVE DIRECTOR

Pat McLaughlin

pat@floridamasonry.com

CREATIVE DIRECTOR

DESIGN & LAYOUT

Deb Bartolucci

deb@floridamasonry.com

PRINTER

PG Express, Inc.

www.pgexpressinc.com

AWARDS CHAIRMAN

Chris Bettinger

chris.bettinger@oldcastle.com

CONTRIBUTORS

Laura Agafonovienne

Don Beers

Chris Bettinger

Sandy Cinque

Cindy McLaughlin

(c) Copyright 2015 Masonry Association of Florida, Inc.

Reproduction in whole or part is prohibited without

written permission. All rights reserved.

MASONRY

THE INDY 500, BAJA 1000 & DAYTONA 500 OF CONSTRUCTION MATERIALS

Masonry faces another year of uncertainty as we continue to dig out of the “Great Recession.” The residential markets were unexpectedly flat in 2014; however, they are creeping up in 2015. Commercial continues to be rising, but not as fast as expected. There are bright spots around the state: Miami (hitting on all cylinders – residential and commercial), Lee, Collier & Hillsborough show progress with residential. Orange and Seminole non-building construction is getting ready to explode with the airport and Interstate 4 projects. A brighter future for Florida is just around the corner; it is not a matter of “if,” it is a matter of “when”.

The theme of this year’s Brag Book is “Endurance”. Figure it out!

The masonry projects submitted for awards this year are amazing. Check out the Firemen’s Memorial Statue in Gainesville; and the ceiling in a David Nelson Masonry’s private residence; and the 2015 Honor and Design award winner submitted by Moor & Associates in the AIA category. All of these projects are spectacular - beyond words. Additionally, the judges this year voted for two “projects of the year” because of the stiff competition. Check out the winners – David

Nelson Masonry’s private residence project (Naples) and the Plant Street Market commercial project (Winter Gardens). Aside from beauty, these projects are sustainable and resilient projects that will last generations – think ENDURANCE!

Don Beers, our industry’s engineer, has written some great articles about building with masonry. “Florida’s Heart of Stone” article begins with the oldest masonry structure in the state, the Castillo de San Marcos fort built in 1672. Mr. Beers talks about the changing building codes and revisions in design strength in the new masonry code, both important events for building with masonry. He also summarizes why masonry is a “Natural” building product for Florida’s harsh climate - Endurance!

Bill Parsons is recognized as the 2015 “Mason of the Year”. Bill’s accomplishments outlined in his award article highlight his industry and personal achievements. Bill is a true industry professional and hard worker for the masonry cause and ambassador of the trade. .

And lastly, my wife and I, celebrating our 25th wedding anniversary, just came back from a pilgrimage to Rome. What a fun, loving and spiritual time in our lives. However, as I

EXECUTIVE DIRECTOR'S MESSAGE



PAT Mc LAUGHLIN

Executive Director
Masonry Association of Florida
pat@floridamasonry.com

stood looking at masonry structures built 500, 1,000 and 2,000 years ago, it made me re-think the endurance examples I initially envisioned for this article – the Indy 500, Baha 1000 and Daytona 500, do not even remotely stand up to the endurance of building with masonry.

Have a fun and safe convention.

MASONRY

THE INTERSECTION OF ART, INNOVATION & ENDURANCE

Endurance. When the MAF Masonry Awards committee met to pick a theme for this year's Masonry Excellence Awards publication, the endurance of masonry products and the structures they build seemed a perfect fit.

Tasked to put my own spin on this topic, the first thing that came to my mind is my family. I am married to a third generation mason contractor. As a matter of fact, my husband, Lou Bartolucci and his father, Lou Bartolucci Sr. (Big Lou) have lent their considerable expertise to the awards judging panel for the past several years. Between the two of them, their years in the industry clock in at 110+! Big Lou learned the trade from his father, Primo Bartolucci in the early 1930s. Primo started the "family business" in 1916 in Saint Catherine's Ontario – 99 years ago.

I mention this because not only does the Bartolucci family demonstrate endurance in the masonry industry, but I have spent many vacations, family reunions and winery tours in the lovely Province of Ontario. Not a single trip has gone by that I have not been regaled with stories about Primo, and proudly driven around to see what the family calls "Bartolucci Monuments" in that city.

I can personally attest that Bartolucci Masonry constructed hundreds of "Bartolucci Monuments" - residences and businesses in Saint Catherine's and those structures look much the same today as they did 75, 80 or even 99 years later. Trust me, I have seen them all! These structures all stand as an enduring monument to Primo, and the natural endurance of masonry structures.

Masonry stands the test of time, the true test for sustainability. Masonry supports families and communities, and masonry builds monuments: not just "Bartolucci Monuments", but real monuments such as the City of Gainesville's Firemen's Monument on page 17, this year's winner of the "Creative Use of Masonry Award".

The entries showcased in this year's awards publication represent the best of the Florida masonry industry. These projects typify the dedication and craftsmanship of our masons and contractors and the beauty and endurance of the masonry materials.

Congratulations to all of the award winners and my sincerest thanks to our judges (See page 7) for their time, expertise and talent in reviewing this year's projects.

FROM THE EDITOR



DEB BARTOLUCCI

Marketing & Awards
Masonry Association of Florida
deb@floridamasonry.com

2015

MASONRY EXCELLENCE AWARDS



CHRIS BETTINGER

Awards Chairman
chris.bettinger@oldcastle.com

Do you like our 2015 Masonry Brag Book? We had 31 MAF entries this year. Pretty cool!

We had 26 qualifying entries in the 6th year of the AIA Masonry award. Even better!

Masonry has proven it is the material of choice in Florida.

If you like what you see in these pages – take care of this book. It can't get wet, don't leave it out in the sun and if it's windy hold on to it. Fire is bad. Bugs – it's a tasty meal. What about a

hurricane, oh \$%*#. If it's not in a masonry structure – go look for it in the next county over. Ten years from now I wonder how your book will look. Will you still have it? I hope so, because I think it's pretty good.

My point, in 10 years the projects shown will still look like the pictures today. They will have been utilized for a decade... Slept in and lived in. Shown off and bragged on. Admired and envied. Classes taught and lessons learned in them. All of this without a second thought about anyone's health and safety. 50 years from now they will be referred to as; classics, inspirations, landmarks, icons, symbols of the community. Driving by a project I've worked on always makes me smile. Our industry and our work has made a difference. Masonry by all standards is the most sustainable construction material. What does sustainability mean to you? To me; durability without sacrificing beauty, value at a reasonable cost, and long term functionality and efficiency. This book and the projects in it are great examples of the impact we have made in our communities.

How have we affected the construction industry? The Creation of the CMEC (Concrete and Masonry Education Council) has given us the opportunity to improve employment and construction in our state. Training apprentices and educating the public and construction community. Our Masonry Certification/Distance Learning partnership with the AIA of Florida is the first of its kind in the country (See page 18). This book is a learning opportunity for Architects. Don Beers (MAF Staff Engineer) has contributed three articles that are both timely and informative and earn one CEU for Architects...

- "Endurance of Masonry in Florida" pg. 22
- "New Masonry Code Increases Design Strength by 33%" pg. 24
- "Masonry Code Changes in the TMS 402/602" pg. 32
- AIA CEU Quiz for Credit pg. 38

We're stepping up and answering the challenges in the market, improving Florida in so many ways!

2015 MASONRY EXCELLENCE AWARDS
JUDGES PANEL

RICK ROWE
President
Rowe Architects Inc.
Architecture &
Planning



JEFF BUCZKIEWICZ
President/CEO
Masonry Contractor's
Association
of America



MATT SITTER
Vice President
Florida Concrete &
Products Association
Marketing & Advertising



LOU BARTOLUCCI
President
Bric-Consultants, Inc.
Journeyman Mason



THOMAS HARWOOD
President
Harwood Brick
Coastal, an
Oldcastle Company

Thank You

2015

AIA FL HONOR & DESIGN AWARDS

Honor Award for Masonry

"Riverfront Residence"

Peter D. Moor

Moor & Associates, PA

www.moorarch.com

love masonry!"

How could a conversation about Design and Construction start better than that.

When speaking to Peter Moor of Moor and Associates his sentiment is evident. The 2015 AIA of Florida Masonry Honor Award has been given to Moor and Associates for the "Riverfront Residence" in Vero Beach. Constructed of concrete masonry units with a stucco finish, the design utilizes poured concrete to create the numerous details integral to the CMU wall. All of the shapes were formed and poured on site to Moor's design and specification. Moor explained, "The masons were not only craftsmen in their trade but also in carpentry creating all of the forms used. The stucco masonry construction utilizes the plasticity of poured concrete."

Sustainability is a term thrown around casually by many in the industry today. This project shows masonry is the choice for sustainable construction. Although wood accents are commonly used to compliment a design; the Riverfront project utilizes poured concrete. Moor feels, "Sustainable design should be sensible. Structural elements need to be both functional and ornate to satisfy the intent." The details shown here are perfect examples of a structural design that is sustainable without sacrificing aesthetics. As intended, the Stucco over CMU and Concrete construction has given the homeowner a low maintenance exterior that will stand up to the elements in Florida for years to come.



AIA Florida

When I asked Peter to sum up his goal in residential design he was quick to answer, "Build solid and create something loveable." He went on to say, "My clients love their home!"

Congratulations to Peter Moor of Moor and Associates!

MOOR & ASSOCIATES, ARCHITECTS, P.A.





2015 COMMERCIAL & PROJECT OF THE
PLANT STREET MA



YEAR WINNER
MARKET



Coastal
an Oldcastle® company

Winter Garden, Florida is a community which values its traditional quaint downtown district. Plant Street Marketplace is on the western edge of downtown. The architecture and choice of materials makes the building fit in nicely with the historic shops and buildings of Main Street. A red Clay Brick with a white and black slurry was used.

Masonry Supplier

Coastal, an Oldcastle Company
www.oldcastle.com

Mason Contractor

Toltec Construction
Winter Garden, FL
www.tolteconstruction.com

Architect

Harter-Admas, P.A.
www.winterparkarchitecturefirm.com

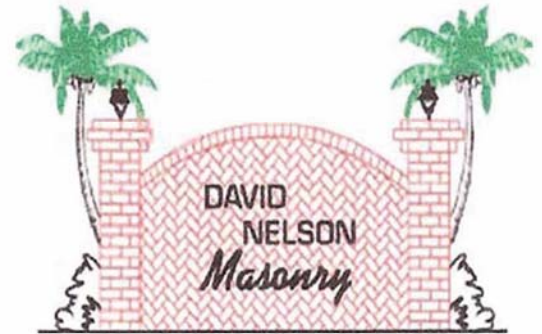
Architect

Robin Brosmer Studios, LLC.
Winter Garden, FL

2015 RESIDENTIAL & PROJECT OF THE YEAR
PRIVATE RESIDENCE



AR WINNER
CE



This project by David Nelson Masonry, consisted of four arched, open hallways (approximately 300 linear feet) surrounding an open atrium of approximately 3600 square feet and included one "great hall" west of the atrium which is an extension of the living area and faces the beach.

The great hall and hallway ceilings required 36,000 clay bricks purchased by Ruck Brothers from McNear Brick in California. Since the bricks were thinner than standard bricks and were double-faced we were able to get two bricks from one, saving on the cost of the project.

As the pictures show, the ceilings were wood framed, waterproofed and the brick applied with a high quality thin set. The brick then flowed into the stone veneer halfway down the wall.

In addition to the ceiling work, David also built three masonry fireplaces and two pizza ovens in this home. It was a challenging but very rewarding project.

Mason Contractor

David Nelson Masonry, Inc.
www.davidnelsonmasonry.com

Architect

Kukk Architecture & Design, PA
www.kukkarchitecture.com

Supplier

Ruck Brothers
239-334-8022

General Contractor

Newbury North
www.newburynorth.com



The featured product in this project is an integrally colored Versa-Lok Standard Retaining Wall - it displays a natural split-face texture that is perfect for today's contemporary designs. Because of Versa-Lok's uniquely engineered design, it enabled the creation of multi-angular curves and corners, stairs, columns, and freestanding walls. A matching cap was also implemented to attractively finish off the walls;- the perfect finishing touch.

This project site required an extremely tight space with which to install a true retaining wall. The Versa-Lok Retaining Wall System was an ideal match for such a challenging project.

The base of the walls are single faced split. As the walls become exposed from both sides, the product is double split - both the front and the back are split, providing a beautiful aesthetic option and visual. This magnificent home is situated on lovely Loxahatchee River in Tequesta, Florida, and is a perfect place for entertaining friends and family throughout the year. The Versa-Lok system has allowed the home to open up its doors and continue the theme both inside and out.

HARDSCAPES
**FULLWOOD
RESIDENCE**



Masonry Supplier:

A1 Block Corporation | www.A1Block.com

Mason Contractor

Jeff Wildes | Wildes Builders | www.wildesbuilders.com

Architect

Marianne Griffiths | CadScape Design | 561-281-1282

Structural Engineer

T. E. Lunn, PE, LLC | www.telunnp.com

General Contractor

James Fullwood, Inc. | Tequesta, Florida



Palladio is a luxury mixed use three-floor building with multiple units plus a penthouse suite. The exterior is Modular Brick with Carved Natural Stone and Cast Stone accents. The masonry includes traditional stone quoins, and Asian/Middle Eastern details and patterning.

Masonry Supplier:
Coastal, an Oldcastle Company | www.oldcastle.com

Mason Contractor
Seminole Masonry, Inc. | www.seminolemasonry.com

Architect
Nasrallah Design Group | www.nasrallah.com

MULTI-FAMILY WINNER
PALLADIO

 **Coastal**
an Oldcastle® company

Structural Engineer
Devlin Engineering | www.devleneng.com

Photography
Burg Photographix, Inc. | Peter Burg | www.burgphoto.com



This massive project combined a concrete block and steel structural system with a brick and real limestone exterior façade.

This project, located on the corner of NW 13th Street and University Avenue, provides the gateway and signature project for the University of Florida as evidenced by the special entrance gate located on the SW corner.

This project took UF back to one of its original materials - limestone. Over the years architects have substituted concrete or precast in an attempt to mimic the original limestone featured gothic architecture, but somehow it always fell a little shy of the mark.

This combination of brick and limestone, custom crafted with some very intricate details, hails to an earlier era when this combination of materials was the norm on campus.

The University is proud to have the Heavener Business School as the signature building as students, faculty, and visitors approach campus, stating the importance and the grandeur of this institution.

INSTITUTIONAL WINNER
HEAVENER HALL



Masonry Supplier
 Coastal, an Oldcastle Company | www.oldcastle.com

Mason Contractor
 MPC Construction | Tallahassee, FL

Architects
 SchenkelShultz Architecture | www.schenkelshultz.com
 Robert A. M. Stern Architects | www.ramsa.com

Structural Engineer
 Walter P. Moore & Assoc, Inc. | www.walterpmoore.com

General Contractor
 Ajax Building Corporation | www.ajaxbuilding.com



CREATIVE USE OF MASONRY

FIREMEN'S MEMORIAL



Ph: 352-378-7511
Fax: 352-378-9330

2425 NE 19th Drive
Gainesville, FL 32609

The Gainesville Firemen Memorial Sculpture was placed at the Gainesville Fire Rescue Headquarters to honor all fallen firefighters. While the initial drawing called for the piece to be filled with chert, we wanted to preserve the monument's longevity and built it using horizontal joint reinforcement, vertical rebar, and grout. A sand blasted brick plaque was added to the base of the sculpture with emblem and mission statement.

It quotes designer, Charles Partin, explaining his thought process as follows: " 'Stairway', is an obelisk shape creates a false perspective, giving a visual cue that the four ladders climb far into the sky. Each fireman has a firehose leading down to the base, which maintains a metaphoric tie to earth. At the same time the individual firemen are focused on their climb upward, which refers both to ascent into afterlife and to the department's 'relentless pursuit' of their mission."

Mason Contractor

Painter Masonry, Inc.
352-378-7511

Architect/Sculptor

Charles Sharrod Partin
www.partinstudios.com

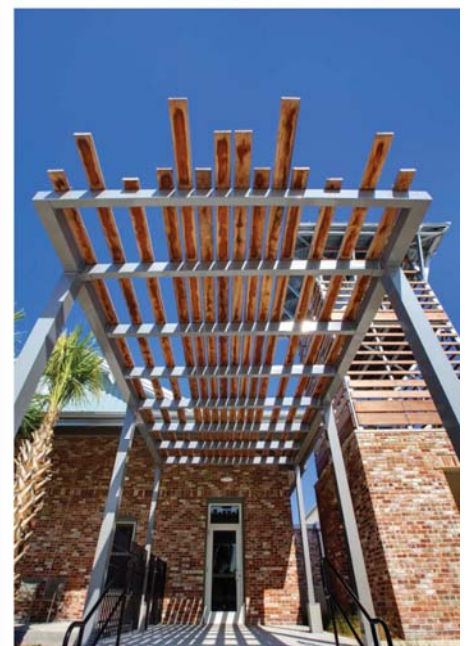
Owner

City of Gainesville
Gainesville, Florida



2015 AIA FLORIDA MASONRY AWARD SUBMITTALS

The Masonry Association of Florida (MAF) sponsored Florida Association of the America Institute of Architects (AIA FL) Honor and Design Awards Category for masonry is in its 6th year and part of a continued partnership between the MAF and AIA FL. The project has grown over the past six years and in 2015 we received an impressive 26 qualifying entries for the masonry award.





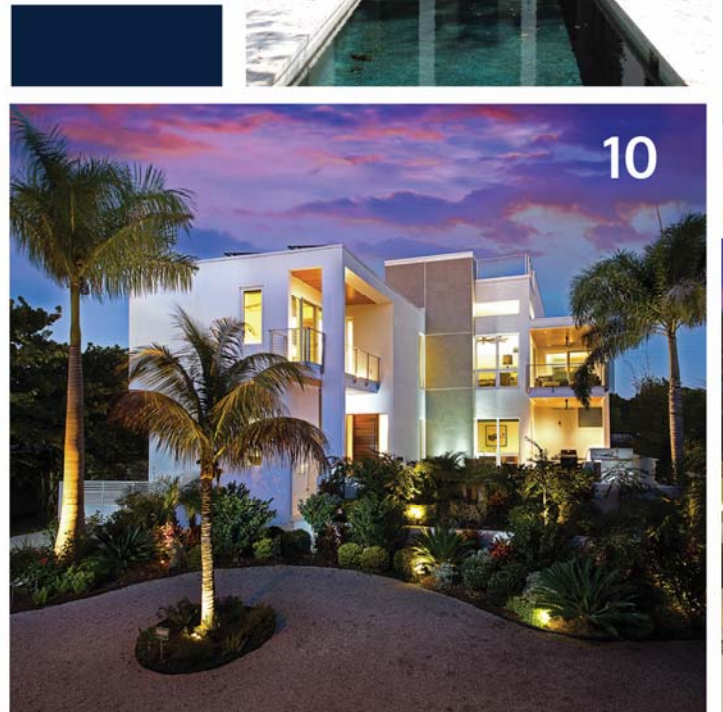
3



6



9



10



ATTACHMENT 1

TMS 602-13 SECTION 1.4 B.2. TABLE 2

SPECIFICATION

COMMENTARY

1.4. B.2 Unit strength method (Continued)

b. *Concrete masonry* – Use Table 2 to determine the compressive strength of concrete masonry based on the strength of the unit and type of mortar specified. The following Articles must be met:

- 1) Units are sampled and tested to verify conformance with, ASTM C90.
- 2) Thickness of bed joints does not exceed $\frac{5}{8}$ in. (15.9 mm).
- 3) For grouted masonry, the grout conforms to Article 2.2.

b. *Concrete masonry* - Prior to the 2013 Specification, the standardized correlations between unit compressive strength, mortar type, and resulting assembly compressive strength of concrete masonry were established using prism test results collected from the 1950s through the 1980s. The result was a database of prism compressive strengths with statistically high variability, which when introduced the Specification, drove the lower bound design values between unit, mortar, and prism to very conservative values. The reasons for the inherent historical conservatism in the unit strength table are twofold: 1) when originally introduced, the testing procedures and equipment used to develop the prism test data were considerably less refined than they are today. Changes introduced into ASTM C1314, particularly requirements for stiffer/thicker bearing platens on testing equipment, produce more consistent, repeatable compressive strength results. 2) Previous testing procedures either did not control the construction, curing, and testing of masonry prisms, or permitted many procedures for doing so. As a result, a single set of materials could produce prism test results that varied significantly depending upon how the prisms were constructed, cured, and tested. Often, a field-constructed and field-cured prism would test to a lower value than a laboratory-constructed and laboratory-cured prism. Consequently, the compressive-strength values for concrete masonry prisms used to develop historical versions of the unit strength tables are not directly comparable to the compressive-strength values that would be obtained today.

Table 2 – Compressive strength of masonry based on the compressive strength of concrete masonry units and type of mortar used in construction

Net area compressive strength of concrete masonry, psi (MPa)	Net area compressive strength of concrete masonry units, psi (MPa)	
	Type M or S mortar	Type N mortar
1,700 (11.72)	---	1,900 (13.10)
1,900 (13.10)	1,900 (13.10)	2,350 (14.82)
2,000 (13.79)	2,000 (13.79)	2,650 (18.27)
2,250 (15.51)	2,600 (17.93)	3,400 (23.44)
2,500 (17.24)	3,250 (22.41)	4,350 (28.96)
2,750 (18.96)	3,900 (26.89)	
3,000 (20.69)	4,500 (31.03)	

¹ For units of less than 4 in. (102 mm) nominal height, use 85 percent of the values listed.

2015 MASONRY EXCELLENCE AWARDS INDUSTRY RECOGNITION

June 25, 2015, the Masonry Association of Florida (MAF) membership came together for an evening of celebration and tribute to the best in the Florida Masonry industry. This year, the membership presented one award as recognition of exemplary service to the masonry industry—Mason of the Year, Bill Parsons.

Mason of the Year is awarded to the individual contractor member for his/her outstanding contributions to the masonry association.



ROBERT CARLTON

Industry Recognition
Awards Chairman
Capital Concrete &
Masonry Solutions

2015 MASON OF THE YEAR AWARD RECIPIENT

BILL PARSONS



BILL PARSONS

Florida Regional Vice President
Pyramid Masonry, Inc.

The 2015 Masonry Association of Florida (MAF) Mason of the Year recipient is Bill Parsons. Bill is the Florida Regional Vice President for Pyramid Masonry in Orlando. He received his Bachelor of Science degree in Construction Engineering & Management from Purdue University in 1985 and has worked in the masonry industry for over 27 years.

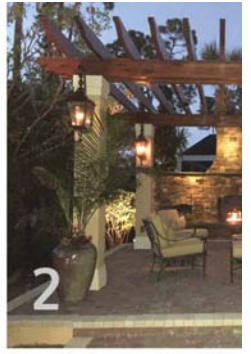
Bill has been a member of the MAF for 20 years. He is in his second term on the MAF State Board of Directors as the Central Chapter Trustee and is also an officer on the board serving as the current treasurer.

In addition, Bill has been an active member of the Associated Builders & Contractors since the 1990's, serving on various committees as well as belonging to the Knights of Columbus.

On a personal note, Bill is married to Sheila Parsons and they have six children, two granddaughters and one grandchild on the way. Bill enjoys hunting and has a mini-farm raising animals.

Bill really "fits" the description of Mason of the Year with his commitment to the Masonry Industry, his outstanding leadership at both the MAF State and Chapter levels, his support of the apprentice programs and his participation in our industry events.

Congratulations and thank you Bill for your dedication!

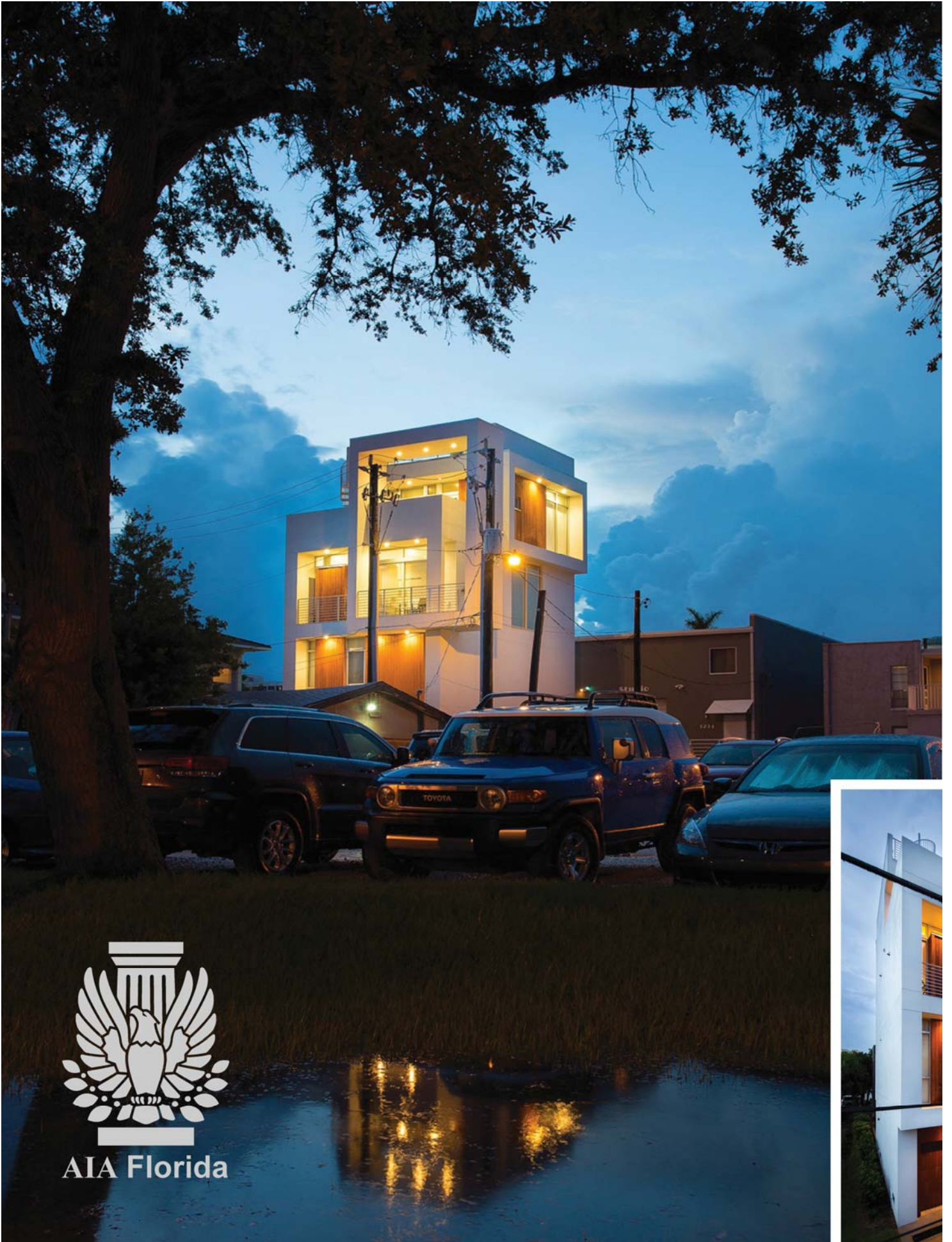


10

**MASONRY EXCELLENCE
MERIT AWARD WINNERS**

- 1 | Orion Jet Center, Central Broward Construction
- 2 | Smith Residence, David Nelson Masonry
- 3 | Dr. Phillips Performing Arts, Pyramid Masonry
- 4 | Eatonville Gateway, Coastal
- 5 | Sheetz Residence, David Nelson Masonry
- 6 | Dunedin Fire Station, Coastal
- 7 | Daytona State College, Coastal
- 8 | Zephyrhills Public Library, Coastal
- 9 | Santa Fe State College, Argos-US
- 10 | Steelhouse, Coastal





AIA Florida

2015

AIA FL HONOR & DESIGN AWARDS

Merit Award for Masonry

"Ferguson Alley House"

Guy Peterson

Guy Peterson, Office for Architecture

www.guypeterson.com

In the early 1990's, Guy Peterson was commissioned to design a photography studio for a client on a dense urban street in downtown Sarasota. Nearly 20 years later the client commissioned the firm to design a new residence for him behind the existing photography studio. The existing footprint for Ferguson Alley House is slightly larger than a standard two-car garage.

Due to the limitations of the site footprint, a vertical residence was designed to provide the required 2500 sq. ft. residential. Evaluating potential views from the upper levels, this award-winning design incorporates a series of roof gardens to allow the owner beautiful views to the downtown harbor and out into Sarasota Bay and beyond to the Gulf of Mexico.



FERGUSON ALLEY HOUSE

GUY PETERSON OFFICE FOR ARCHITECTURE

