### **ZBA 23-0137** 5500 LAGORCE DRIVE

BOARD OF ADJUSMENT PRESENTATION

9/8/23





EXOTIC CONCRETE HOUSE / MIAMI BEACH, FLORIDA USA / 2014-2015



BETWEEN NEW AND OLD A view from the street looking toward the front door of the house, which is set back deep into the center of the lot.

The historic side of the house sits on the North (right side) with a smooth unassuming texture and hipped roof. The new addition to the South (left side) is clad in the system of precast concrete tiles, with a playful undulating texture.



COURTYARD VIEW A view from the front door of the house, looking east framed by the walls of the courtyard. The bar of bedrooms to the south is clad in the exotic concrete cladding.







BETWEEN INSIDE AND OUT Views from the inside and outside of the courtyard. Because of the depth and proportion, the courtyard provides privacy, while still remaining open.



This axon drawing was composed to show the extents of the new addition. In addition to the new expanded footprint, a new cladding system wraps the new and old, blending them together.





This study/concept model constructs the physical addition to the house, and omits the existing building.



The south facing façade, which absorbs most of the solar exposure throughout the day, is clad with the unique material, insulating the interior.





Photographs from the south and north, showing the shadows cast in different directions based on the view.



The elevations of the new exterior cladding system, and the shifting windows which are placed within the grid of tiles.

\_ \_

03 SOUTH ELEVATION



SOUTH FAÇADE The south façade of the house, which is clad in the unique exotic concrete cladding in a diagonal wave pattern, emulating the fluidity of the ocean nearby, and the playfulness of architectural approach.





The cross section through the new addition of the house, shows the windows at typical height on one side and at floor level on the other. The bulging tiles can be seen in the wall section here.

Interior view of the new addition showing misaligned windows, some at furniture height which wrap the corner, one up high to see the stars from bed, and one low to see out of when sitting on the floor or in a reading chair.





Exterior view of the end of the new addition with shifting windows which align with the grid of tiles.



INSTALLATION The exotic concrete tiles were hung on the existing and new concrete block wall. Each was installed with stainless steel precast clips on the bottom, and corrugated brick ties fastened to the tops.

Tiles were first hung on the exterior around a single window to test for alignment.



Installation progress out from the single window.



The overall pattern consisted of four unique tiles, each bulging incrementally, arranged into a playful diagonal wave pattern on the exterior. Towards the back of the site, the tiles were trimmed to step up as the grade increase for site drainage.



Morning shadows cast east to west facing north



Morning shadows cast east to west facing south, from inside the courtyard



# MIAM DESIGN PRESERVATION LEAGUE

# Excellence in Compatible New Design Award

This award is bestowed upon

**Exotic Concrete House** 

**Gelpi Projects** 

The Compatible Design Award is given in recognition of new projects designed with exceptional sensitivity to defining typologies and heritage, and compatibility of scale and materials.

May 17, 2018 The Wolfsonian-FIU Museum 1001 Washington Avenue, Miami Beach

Chairman: Steven J. Pynes



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Morgan's Inclination William Morgan, who trained under Bauhaus founder Walter Gropius and Catalan designer Josep Iluis Sert at Harvard, designed brilliant residences in Florida.

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Experiment & Change Frank Stella has been hard at work in the world of art for six decades, his work in a slow metamorphosis that is now on display

at the NSU Art Museum

Lynn Davis: On Ice

Lynn Davis has spent decades arduously working to capture stunning images of a melting landscope. Now on display at The Glass House in CT.

71 3 Wines to fall for Wine contributor Margaret Shugart explores how each of these wines offer a little tension, complexity, and a little something to fall in love with.

Little House, Big Ideas Designer Nick Gelpi, faced with a growing family and not enough room, makes some great design choices on a South Florida

addition and renovation

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ON THE COVER: Late architect William Margan's aceanfront dune house in Atlantic Beach. (see page 22) Photo: Duane Talley

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OCTOBER/NOVEMBER 2017



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# LITTLE HOUSE BIG IDEAS

Designer Nick Gelpi opts for texture and performance with his Exotic Concrete House

WHAT DO YOU DO when your five-year-old family has outgrown its nearly 60-year old South Florida home? Some choose to uproot and move, some opt for the drastic tear down and rebuild. But when you're a design professional — especially one who sees things not only in terms of systems and function but also as an opportunity for experimentation — taking on an addition might just be the perfect answer.

It was for Nick Gelpi and his growing family, who were living in a cute concrete block & stucco house built during the Kennedy era that was getting, shall we say, cramped? Gelpi is indeed one of those design professionals who loves problem solving. Having worked for

Text John T. O'Connor

Steven Holl Architects, Gelpi had previously taught at MIT in Cambridge, Massachusetts before joining the faculty at Florida International University. He now heads up his own design firm, GELPI Projects in Miami.

As the original needed to accommodate a growing family with very young children, the designer opted to turn the J-shaped plan of the original into a elongated U, with a long, narrow courtyard

TROPIC MAGAZINE 77







## AIA MIAMI 2016 DESIGN AWARDS MERIT AWARD

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| BECOME AN<br>MEMBER          | Arquitectonica                       | Developer of the Year                        | Construciton Ba                  | k of China Headqua<br>nk o fChina Headqu<br>al Hotel & Residenc | arters,      |  |
|                              | Architecture Less than 50,000 sf     |  |                                  |   |              |  |
|                              | MATEU Architecture In                | c. Honor Award                               | Steven E. Chay                   | kin/Apartment for the   | e Elderly    |  |
|                              | DFA                                  | Merit Awarad                                 | Wynwood Arcad                    | le  |              |  |
|                              | Divine Detail                        | Divine Detail                                |                                  |   |              |  |
|                              | Gelpi Projects + STA<br>Architects   | Merit Award                                  | Exotic Concrete                  | House/Gelpi Reside  | ence         |  |
|                              | Interior Archi                       | Interior Architecture                        |                                  |   |              |  |
|                              | FORMA Design Inc.                    | Merit Award                                  | SIRANDLI Dent                    | al  |              |  |
|                              | Oppenheim Architecture<br>Design LLP | + Honor Award                                | South Beach Pe                   | enthouse  |              |  |



**GELPI PROJECTS** 

NICHOLAS GEL PL





minimum required estback 2.At least 50 percent of the second floor along a side elevation taking a street shall be set back a minimum of five feet from the minimum required setback. The DRS or HPB may forego these requirements, in accordance with the applicable design review or appropriatenees criteria.

- \* -

ERED AR

NICHOLAS GELPI

GELPI PROJECTS





GELPI PROJECTS



125'

15'





11 X 17

EXISTING SITE PLAN

A-006.1

lichtos Golar

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SEAL AR 99696

SHEET SIZE

DATE 07/10/23

11 X 17

PROPOSED SITE PLAN

A-007.1

Alicheles Gelp

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NO. DATE DESCRIPTION

A 07/10/23 REVISION 01

PROJECT GELPI RESIDENCE

5500 LA GORCE DR. MIANI BEACH, FL. 33140

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ELEVATIONS

A-202.1 Nichles Gelzi





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SHEET SIZE

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ELEVATIONS

A-203.1

Nicholas Gelan AR 99656

> - \* -ERED AR NICHOLAS GELPI

SEAL

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RENDERING

A-600 Nichlos Gelpi

