

Marchetto Higgins Stieve

Architecture
Planning
Urban Design

Apse-Traction Hoboken, NJ

The office of Marchetto Higgins Stieve, formally an 1890 Norwegian church, underwent a conversion and addition.

Publications:

"Aspe-Traction Parametric Modeling," *Architectural Record*, November 2005

"Workspace: Marchetto Higgins Stieve," *Residential Architect* July/August 2013

Awards:

2012 AIA N.J. Merit Award
Built Project

2012 ArchiZinc Trophy Award,
Paris VMZINC

2004 AIA N.J. Excellence in
Architecture



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Apse-Traction Project, addition to architect's office, Hoboken, NJ

Architect:

Dean Marchetto, AIA
Marchetto Higgins Stieve PC
1225 Willow Avenue
Hoboken, NJ, USA 07030

With:

The Product Architecture Lab
STEVENS Institute of Technology
Castle Point on the Hudson
Hoboken, NJ
John Nastasi, Justin Nardone

Engineer:

John Whelan, PE
GACE
New York, NY

Fabricator:

Jonathan Taylor
Caliper Studio Inc.
Brooklyn, NY

Zinc Contractor:

Glenn Wyeroski
Vitalistic Construction
Columbia, NJ

Interior Contractor:

John Muller
North Bergen, NJ

Lighting Design:

Robert Newell
Robert Newell Lighting Design
Westfield, NJ

1. Why did you use zinc?

Zinc is a beautiful natural product that has extraordinary sustainable properties. It is amazing flexible, it can be shaped, bent and folded, and it now comes in 3 new colors; blue, green, and red, in addition to the standard quartz and black. Over time the Zinc product weathers to a beautiful patina which looks better and better as time goes on. This is also a maintenance free product that will last for 90 years.

2. Was it the first time you where working with this material?

This is the first time I used the new Pigmento colors but we have been using the traditional Quartz and Anthracite Black colors for years as a finish for bay windows, windows cornices, window details, caps, and other architectural details. We even used the Quartz product once to make custom exterior light fixtures complementing the other zinc details on the building.

3. Did you hesitate with other materials?

Yes, I wanted a material that was timeless and contemporary at the same time. We looked at copper but felt the zinc product offered a modern aesthetic with a greater variety of color.

4. Did the contractors were a help during the process, and how?

Yes, my zinc Contractor Glenn Wyeroski was a big help. His familiarity with the material helped us develop details for installation and waterproofing. He also spent time mocking up alternatives to test the installation details.

