# The Third Shore

A transformable icon for new possibilities of encounter and development in St. Petersburg.

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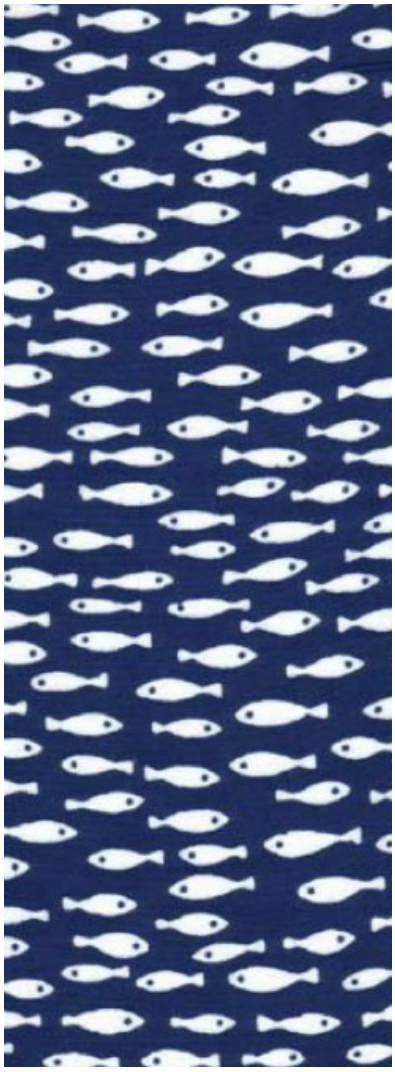

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**Design Philosophy_**

# How do we work in el Equipo de Mazzanti?_

The way in which we relate to architecture and society reflects a political position. We are interested in understanding our practice as an open and democratic action. We work within the public sphere for the benefit of the public, which is why we generally tend to develop projects on the periphery of cities–the places with greater inequality and poverty. We are known for developing projects that aim to bring social inclusion and equity.

In line with our concern for equality and democracy, we are interested in securing projects on the basis of public, open and anonymous competitions/ tendering processes. 90% of our projects originate from public competitions. Buildings such as libraries, schools, and sports facilities designed by our team are examples of our wide experience and confidence in this system. Competitions demand higher levels of research and innovation than those of private clients, where frequently it is personal preference and taste what counts the most. Competitions have encouraged us to always seek original options to address social challenges in a stronger and more sustainable way. They also have forced us to conceive architecture as a way of thinking and not only as a construction practice. A country's economic and social development depends on innovation and creativity, and these cannot exist without the notion of "risk", which is a natural condition of design competitions. Without generating a creative and entrepreneurial spirit capable of taking risks, one cannot imagine or generate new ways of inhabiting this planet. The idea of social and environmental progress has its roots in the use of "critical reason", which calls into question existing conditions for discovering and creating new forms of social relations.

Architecture gets closer to the conditions of the real world when is capable of taking risks and adopt new ways of doing and learning. We believe there is a need for a collective and personal shift in our society¬: a willingness to take risks and explore. Taking risks means being wrong. It means not to be afraid

of making mistakes or being less than perfect. It means that it is important to allow things to be constructed in a creative spirit free of prejudices; in order to win (know) you must risk losing ["Who dares, wins"]. It is much better to dare to do new and creative things, even though they will inevitably be interspersed with occasional failures, than to live in the eternal shadow and safety of the tried and tested. To take risks means to be conscious of who we are and who we want to be, but above all it implies overcoming our fears about the unknown, which in a country like Colombia is important to generate an inclusive collective conscience—a needed attitude for today's environmental, social and cultural challenges.

Another way we understand the architectural profession and our connection to today's world is through the idea horizontal work, by which knowledge is transferred without hierarchies. We test our ideas with other architects and professionals such as sociologists, biologists, artists, anthropologists, engineers and a range of other related professions. This strategy enables us to challenge dogmatic and uniform ways of acting. The idea is to be always in CRISIS, always risking, always learning. Each time we begin a design our question is: What do we want to learn from this project, from others, from this place? Throughout the last thirty years we have worked with more than 59 other firms both within and without the architectural field. This experience, more than anything else, has enabled us to gain knowledge and learn from others.

We conceive architecture as a way of thinking–imaginative, innovative, and not merely a field to accumulate knowledge, static methodological approaches or simple rules to be applied. In our view, architecture should generate ideas, create livable environments and situations and, enrich our day-to-day work with the widest possible array of options and intellectual horizons. This gives us the capacity to approach each project from new perspectives, appropriate to the demands of an ever-changing modern world permeated by countless viewpoints and micro-discourses.

This attitude aims to develop a practice based on PLURALITY AND VARIETY in a world that tends towards diversification rather than homogenization. This approach seeks to reflect and maintain the complexity and difference inherent of today's society—one of continual flux and transformation.

# What interest us in el Equipo de Mazzanti?_

We see architecture not only as a profession but also as a way of thinking and situating ourselves in the world. We do architecture, which in itself is a way of constructing the world. In our view, there is no difference between thinking and doing; when the hands work, the mind works–together they perform a single action.

***The architect (child) has 100 languages,***
***100 hands, 100 thoughts,***
***100 ways of thinking, playing and talking,***
***100, always 100,***
***100 ways of listening, of loving,***
***100 joys to sing and understand,***
***100 ways of inventing,***
***100 worlds to dream.***
***The architect (child) has 100 languages***
***but society takes 99 from her.***
***School and culture separate the head from the body.***
***They tell a child to think without their hands, to make things without using their head,***
***To listen and not talk, to understand without wonder,***
***To love and marvel only at Easter and Christmas.***
***They tell her to discover a world that already exists,***
***And from a hundred they take away ninety-nine.***
***They tell a child that play and work, reality and fantasy, science and imagination, heaven and earth, reasoning and dreaming, are elements that do not go together. In effect they say that the hundred ways do not exist…***
***But the architect (child) exclaims: "Nevertheless, the hundred ways exist."***

Substitution of the word "child" for "architect" – Loriz Malaguzzi, Italian pedagogue.

Therefore, what interests us is }

OPERATING_

PRODUCING_

ARCHITECTURE IS ACTION_

AN ARCHITECTURE FOR SOCIAL INCLUSION_

**OPERATING_We want to reflect on some of the phenomena that comprise today's architecture, on the place of the architect in the modern world and his role in transforming the world. This is framed in terms of a material practice that naturally relates to values such as repetition, indeterminacy, incompleteness. We are in favor of constructing a practice that is adaptive, open, unstable and changing, as a response to the constant metamorphosis of our era. We aim to develop an architecture that is conceived more as an open and adaptable method than as something cold and closed.**

**PRODUCING_ If possible, we also want to attempt to predefine and anticipate the actions and behaviors that architecture produces in its users. The aim is thereby to test the thesis that architecture is not just valid in and on itself but for what it can produce or encourage in practical terms of human and non-human actions and behaviors. This means that we are more interested in the performative capacities (material and action) of architecture than in its representative capacities.**

**We want to develop architectures capable of inducing previously unimagined effects and actions in users, architectures able to facilitate the social and economic development of the places we work in. Within this context we shall define in a general way a range of themes that we study and which form part of the research agenda that defines how we understand the profession.**

**ARCHITECTURE IS ACTION_ We induce actions, events and relations. This allows us to develop forms, patterns or open physical organizations that influence the construction of social functions—not as application of authoritarian organizational schemes, but as catalysts of new forms of daily interaction. Through this approach architecture is capable of generating behaviors and new dynamics, encouraging people to mentally and physically act in ways they would previously have thought impossible**
**.**
**AN ARCHITECTURE FOR SOCIAL INCLUSION_ The buildings we propose aim to become means for social inclusion that help to improve the quality of life and economic competitiveness in deteriorated and poverty-stricken contexts in Colombia and globally. Our aim is to promote social well-being and construct a more just and sustainable society through architecture.**
**"The ultimate goal of architecture is to contribute to social well-being" – Cedric Price**

*"The ultimate goal of architecture is to contribute to social well-being"*

# How do we work in Hayes/Cumming architects

Our firm is a veteran owned business and recognized by the Florida Dept. of Management Services as a Native American Minority Business Enterprise that offers:

- **Architecture**
- **Master planning/programming**
- **Interior design**
- **Liturgical element design**
- **Furniture design**
- **Urban design**

Every project produced by our studio, regardless of size or scope, receives the combined intellectual focus of our entire staff. Both of the firm's principals are actively engaged in the design phase of each project. This ensures that not only are each project's needs analyzed and resolved, but it's aspirations are considered as well. The vehicle for this engagement is a charette that occurs in the early conceptual stage of each project. This allows the team to clarify immediate design challenges and analyze them from different perspectives. Every team member is able to contribute to each project in some tangible way, bringing a greater understanding of the project to the entire staff. Each project receives the continuous attention of one of the firm's principals from design through construction. We have learned over the years that this continuity produces a better built result as well as a better experience for our client. Communication and trust are established early in the process and carry through amidst the chaos of construction°

# What interest us in Hayes/Cumming architects

We meet our client's needs by listening, asking relevant questions and offering our experience as a framework for their wants. We strive to provide solutions that solve our client's problems and create value for them. Our work is not an end product but a foil for human activity and interplay. People create the culture; we create space, order, and form.

**Over the years our clients have come to us when they are dealing with problems like:**

-Improving the appearance of their facility to be an accurate reflection of their mission, vision and values
- A lack of ability to visualize solutions to their physical plant requirements within a given budget
-An existing building that no longer meets their long term needs
- A changing business model or economic needs that make their existing facility no longer operationally effective
-Reducing operational maintenance costs and energy use
-Coordinating the operational needs and wants of multiple decision makers
If you, or your company, are dealing with any of these issues perhaps we may help.

Hayes/Cumming Architects }

LEARNING_
CELEBRATION_
LEISURE_
LIVING_
PARTICIPATION_


2

**Letter of Intention_**

# Dear Selection Committee_

*The architecture offices El Equipo de Mazzanti and Hayes + Cumming Architects hereby express their interest in applying to the new competition for the St. Petersburg Pier on the Request for Qualifications phase.*

*We welcome the challenge of designing an iconic, innovative and sustainable public space for the city of St. Petersburg, Florida: a project that will attract visitors from all over the world, improve the quality of the city's urban space and, enrich the lives of its citizens.*

*By joining forces, Hayes + Cumming Architects and El Equipo de Mazzanti offer one of the most innovative design working teams, with both a global and local experience.*

*Each of the offices has excelled in its field and country and is a recognized designer with a promising future ahead. While El Equipo de Mazzanti is a Colombian based firm internationally awarded for its quality, innovation, and capacity, Hayes + Cumming Architects has a contemporary design approach that explores and investigates combinations of fresh, highly creative, sustainable, and simple designed constructive processes.*

*The union of our teams allows us to propose innovative and creative concepts that develop designs based on the local and global conditions in the world today. Our major strength is our capacity to design unique pieces that generate pride and community ownership; pieces that usually achieve a symbolic and emblematic character in their urban contexts.*

*Architecture and Urban design can positively transform your surroundings.*

*On behalf of the team we subscribe:*

**GIANCARLO MAZZANTI**

**ANDREW HAYES**


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## Team Organization_

Joint Venture } **EL EQUIPO DE MAZZANTI / HAYES+CUMMINGS ARCHITECTS**

**PARTNERS IN CHARGE:**
Giancarlo Mazzanti
ARCHITECT
Andrew Hayes
ARCHITECT, LEED EXPERT

**EXECUTIVE DIRECTORS:**

Benton L. Rudolph
TECHNICAL PROJECT EXECUTIVE
Alberto Aranda
ARCHITECTURE PROJECT EXECUTIVE
Carlos Medellin
CONCEPT AND TRANSDICIPLINARY DESIGN EXECUTIVE

**DESIGN LEADERS:**

Juan Manuel Gil
LEAD ARCHITECT
Juana Salcedo
ENVIRONMENTAL DESIGNER
Eugenia Concha
DEVELOPER IN HUMAN SETTLEMENTS
Sebastián Negret
STRUCTURAL DESIGNER
Alexander B. Smith
BIM MANAGER
María Mazzanti
GRAPHIC DESIGNER

**ARCHITECTURE TEAM:**

A complete team working locally and from Colombia capable to develop the required documents to complete an architecture project on its different phases.

**ADVISORS:**

MANAGEMENT:

Alessio Mazzanti
RESOURCE MANAGER
CONSTRUCTION COST ESTIMATOR *

ENGINEERING:

BCC Engineering Inc:

Michael English
LAND PLANNER
Joseph A. Munoz
MARINE STRUCTURAL ENGINEER
Ariel Millan
TRANSPORTATION ENGINEER

McCarthy & Associates:

E. Michael McCarthy
BUILDING STRUCTURAL ENGINEER

Griner Engineering:
Joseph H. Griner,
MECHANICAL/ELECTRICAL/PLUMBING/FIRE PROTECTION ENGINEER

ENVIRONMENTAL:

Laura Jaramillo
BIOLOGIST
Mark Luther
MARINE SCIENCE EXPERT
LANSCAPE ARCHITECT *

PLACE MAKING – BUILDING COMMUNITY:

Nicolas Paris
ARTIST-SOCIAL RESEARCHER
Javier Perez Burgos
URBANPLANER-ECONOMIST
COMMUNICATION AND PUBLIC RELATIONS *

*Pending


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## Design Approach_

# The New St. Petersburg Pier_

Ever since its construction in 1889, the Pier has played a central role in the City of St. Petersburg. Its privileged central location has made it into an iconic image on Tampa Bay, a landmark and a meeting place where residents and visitors alike have gathered to fish, eat, and celebrate life. The pier is part of the collective memory of the community and a fond emotional element for residents. Our design approach acknowledges the vital role that this emotional and physical anchor has played in the history of the City. We also believe that a new Pier needs to provide an enduring and pleasing image for the community, while enhancing the current experience for both locals and visitors—one that not only improves the setting for the programs that have traditionally taken place on it, but that facilitates the emergence of new activities and events in the years to come. In our view, it is critical to the task of transforming the Pier into a dynamic and thriving public space that it be interrelated with an environmentally sustainable approach. The new pier must not only reduce its environmental impact but become an active piece of infrastructure that supports the complex ecosystem of the Tampa Bay Estuary.

The value of our chosen approach to public infrastructure design seeks not to be in the buildings themselves, but in what they induce and generate among the actors that interact with them. More than designing beautiful buildings, we intend to provoke new communal and participative uses of them. In this sense, our work is not limited to the design of walls, doors, benches, floors, and all the other components of architectural construction, but on the disposition and design of envelopes that encourage and promote a broad variety of activities. We believe that it is the success of such public spaces that define the quality and enjoyment of the everyday life of our cities.

Our vision for the new pier consists of three interrelated elements that together form a **SYSTEM:**

PARK_

ARCHITECTURE_

EVENT_

## System, Diagram and Simultaneous actions:

- We think of systems as a constellation, each part has sense when it's related to other pieces.

- A system is powerful enough to trigger multiple processes that correlate with other structures.

- The most important property of the system is its long-term operation.

- Each city has an inner scheme of activities. The project, as a part of this structure, can appropriate the city dynamics and function as a small city itself.

-The diagram is an approximation to the system. Its value lies in its capacity to make explicit the logic of the actions that are inherent to the system.

-System is correlated directly with the idea of constant regulation. This means that the project must have the ability to readjust itself according to the circumstances, being able to provide new orders.

-Systemic thinking involves numerous influences inside a whole. Thus, contemporary architectural practices should be determined by the multiple and dynamic rather than the static and fixed.

# Park_

*The Railroad Pier, 1889.*

The pier is both an integral part of St. Petersburg's pioneering waterfront park system and its downtown parks and its distinctive culmination. We propose to transform the pier into a Productive Park that holds a wide array of activities and flexible spatial scenarios capable of working simultaneously. This concept is based upon the idea that the functions of a contemporary park can be extended beyond conventional recreational and contemplative activities. So, in addition to providing spaces for leisure and passive tourism activities, the Park at the Pier can include and instigate a variety of economic, environmental, and educational programs. To work as an inclusive and cohesive element of the City, these programs will be defined by citizens and institutions and evolve over time.

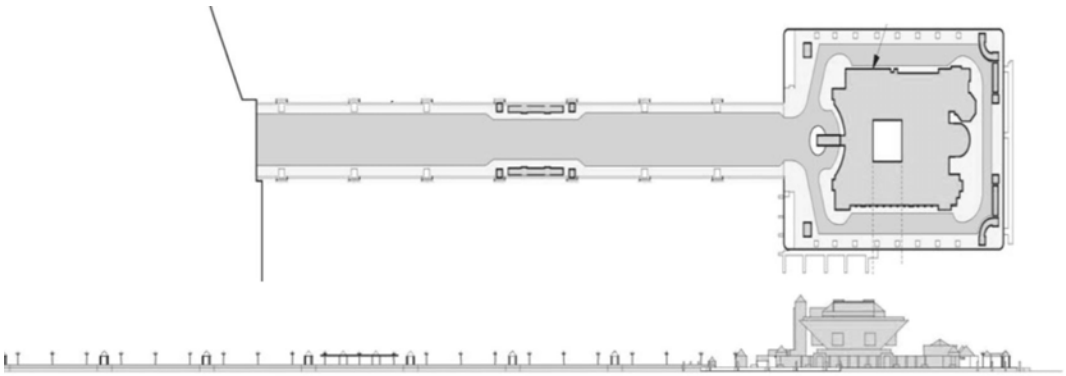
As a continuation of the magnificent waterfront park system the new Pier must begin on the uplands, to reconfigure Spa Beach Park as well as the Pelican and Dolphin Parking Lots, and connect to the existing and future cycling trails and to the neighboring Vinoy Park and Demens Landing Park. This improved connectivity, using bridges and pathways will create a light, multimodal public transportation system originating from the extended downtown area to the end of the pier and throughout the waterfront, reinforcing pedestrian activities. Recognizing the waterfront parks as one of the City's greatest assets, the rebirth of the new pier will be aligned with the Downtown Waterfront Master Plan to reinforce the public character that has distinguished this area for over a century.

*MIllion Dollar Pier, 1927.*

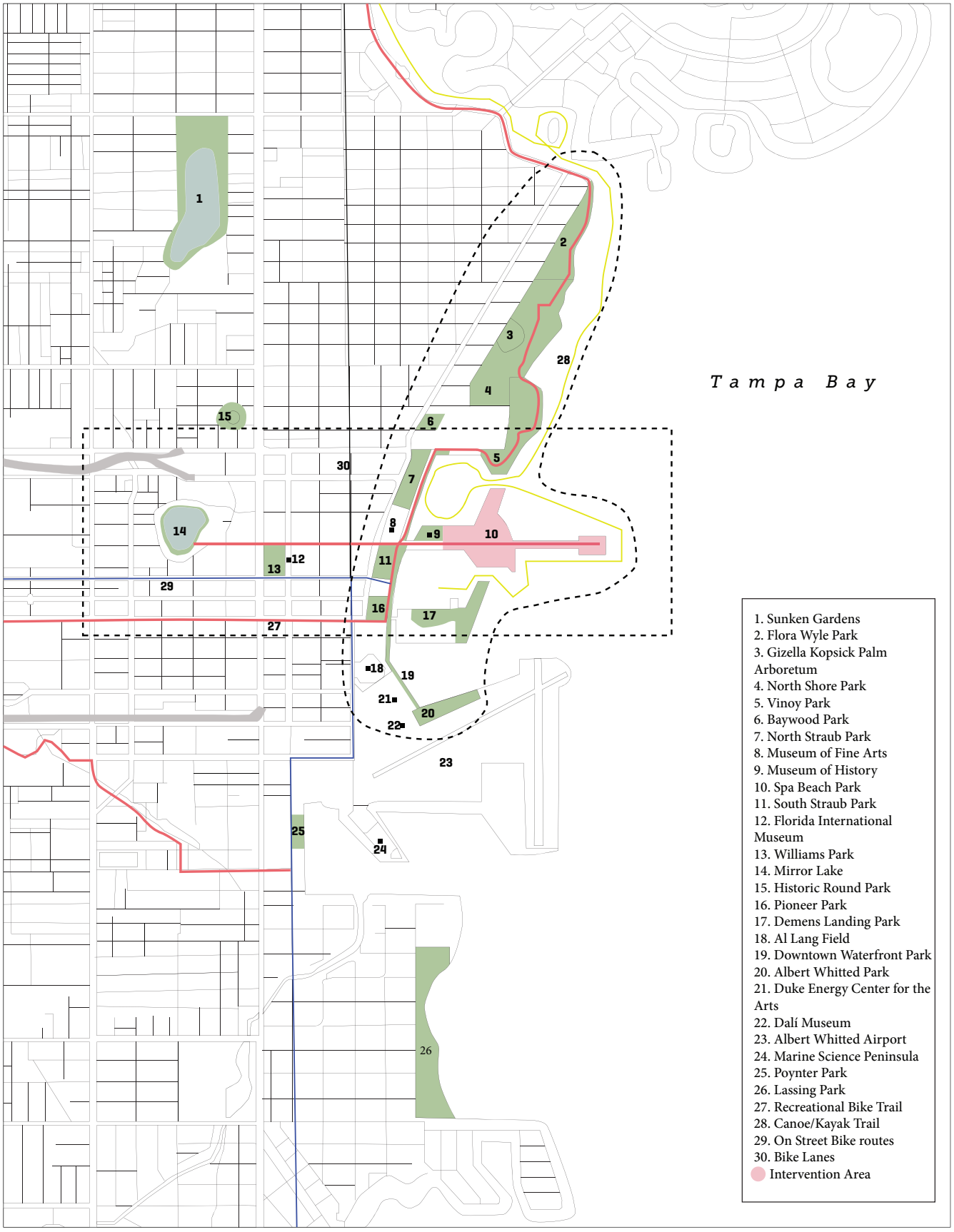
Understanding the pier as a continuation of the Waterfront Park System, as well as its central element, departs from the unidirectional pier-building typology that has shaped St. Petersburg's pier since the "Million Dollar Pier" (1926) and the Inverted Pyramid (1973). If in the pier-building typology the activities were located at the end of the pier, thinking of the new pier as a park offers an alternate and better configuration: one in which a continuum of spaces and activities are assembled from the upland area and along the course of the pier, instead of just at its culmination. This is also a response to the extensive distance that must be traversed between the uplands and the Eastern end of the Pier. Unlike the case of a single iconic building that concentrates all activities and spatial scenarios vertically; the park concept assembles them horizontally, initiating the pier's program from the uplands and stretching over the course of the pier. This horizontal approach will provide an unobstructed view over the Tampa Bay Estuary, and reduce the environmental impact and complicated logistics of having a single building at the Pier's end. Rethinking and reprioritizing the Pier's program of activities in a more horizontal nature will allow pedestrian activities and uses to be located from Spa Beach Park and the current Pelican Parking Lot to the terminus of the Pier in a much more comprehensive and connected manner.

*Prototype Parks: This projects seek to revitalize conflictive areas of Santa Marta, Colombia demonstrating the vital role that public space can have in the creation of more inclusive and egalitarian cities.*

Our approach recognizes and integrates the ways in which locals and visitors have used the pier in the past despite its current configuration, rather than proposing an entirely novel proposition. For instance, fishing and outdoor encounters have occurred along the pier's length for over a century. We seek to visualize and design amenable new settings that allow these traditional activities to take place in a more accessible and comfortable way, while provoking new and unexpected activities to emerge and evolve over time. In this sense, the conception of the pier as a park is organic in its essence, prioritizing people and myriad of activities of choice at the core of the design project.



*Plan and Elevation. Inverted Pyramyd, 1967.*




The pier is an integral element of the Waterfront Park System and the Downtown Parks as well as its distinctive culmination

# Waterfront Improvement District_

*New York City is home to the nation's largest, most comprehensive network of Business Improvement Districts (BIDs) in the country. Business Improvement Districts are a key public/ private partnership in New York City and have helped revitalize neighborhoods and catalyze economic development throughout the City. The City's 69 BIDs annually invest more than $100 million worth of programs and services in neighborhoods across the five boroughs.*

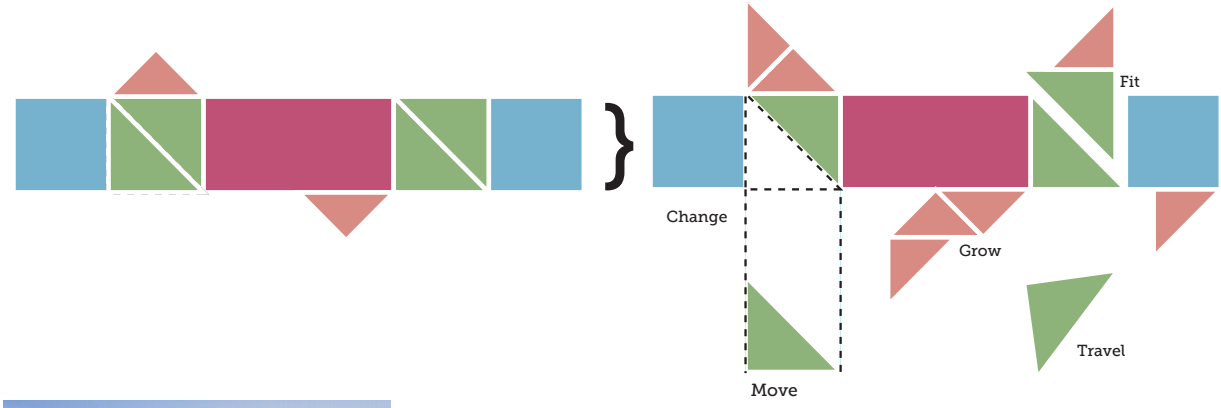
*The NYC Department of Small Business Services is responsible for managing the City's relationship with each BID and works to ensure BIDs carry out services efficiently by liaising with City agencies, promoting best practices and aggregating information about the programs, services and goals of each BID.*

*Please visit the NYC Business Improvement District Directory for contact information and specific programs and services of each BID in New York City.*

In order to guarantee the sustainability of St. Petersburg's Pier we envision this spatial transformation parallel to a Waterfront Improvement District (WID) strategy. Following other successful waterfront transformations such as the ones in Stockholm, San Sebastian, and New York; a WID approach would inspire partnerships between waterfront businesses and community led organizations related to the districts' cultural and social programs and events.

WIDs have been successful tools to offer effective organizational structures focused on the support of commercial and entertainment activities. For example, WIDs have been created to provide marketing and promotional programs along with public safety and visitor services, contributing significantly to the beautification, active use and maintenance of public open space areas. In many instances, WIDs have been instrumental in boosting the cultural, historic, and civic interest in specific parts of a city. In the case of St. Petersburg and the New Pier, a WID initiative would enhance a broad variety of already successful events such as sidewalk sales, music events, sports gatherings, and a Saturday morning market, among others; and create a mechanism to advance and broaden that success.

# Architecture_




*The Spain Library reflects our capacity to create a remarkable landmark. It is recognized worldwide as an iconic building thanks to its capacity to serve as scenery for multiple activities of the Santo Domingo Sabio community in Medellín, Colombia.*

To replace the pier-building typology of the Inverted Pyramid, we propose an open system of flexible pieces that hold the activities and spatial scenarios of the Productive Park. These pieces will be light structures that can move, change, and adapt to time and climate as well as to the different events that take place on the pier. Rather than providing a fixed building we propose an elastic disposition of modules that allow and instigate transformations to occur. This approach also lends itself to efficient construction techniques and staged-funding in future phases.

The modular system will be attached to the Pier by articulating shaded paths/bridges. Pieces can have outdoor or indoor areas and provide larger areas for gathering. There can be floating structures that encourage public interaction with the water while others could be elevated at the same level of the pier. Because of its dynamic, easily modified character, a modular system is a powerful way to provide a diversity of arrangements to take place and facilitates ongoing citizens' participation in the evolution of community priorities, integrated into an iconic Pier Park area.

An open modular system will maximize the project's potential for:

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1. ASSEMBLAGE OF LARGER STRUCTURES FOR OUTDOOR CELEBRATIONS
2. EXPANSIVE ACTIONS.
3. CITIZENS' INVOLVEMENT ON PLACE-BUILDING PROCESSES.
4. ECONOMIC SUSTAINABILITY
5. ENVIRONMENTAL SUSTAINABILITY
6. BUILDING AS AN EDUCATIONAL INTERFACE

**1. Assemblage of larger structures for outdoor celebrations:** The modular system allows for temporary configurations of larger areas for special occasions. It also avoids the creation of an "empty" space when not in use and allows the assemblage of this platform on different locations over the Pier's length.

*Aldo Rossi's, "Il Teatro del Mondo" is a representative example of an expansive architectural action. It navigates through the sea, creating new events and scenarios.*

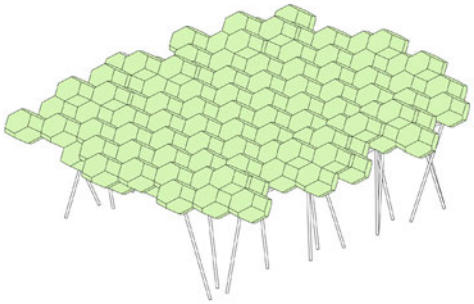
**2.Expansive actions:** A modular system lends itself to expand the Pier's activities beyond its traditional limits. One floating piece/module, for instance, can be detached from the Pier and navigate to different areas of the City downtown coastline, such as Vinoy Park or Lassing Park. These 'travelling pieces' can carry a diversity of activities or products to other areas of the City's waterfront, and serve as platforms and visual icons for seasonal celebrations and events.

**3. Citizens' involvement on place-building processes:** The system works as a 'framework' or 'envelope' that can accommodate the mix of programs and activities developed by the St. Petersburg's Pier Working Group through a series of participative methodologies over time. **(See Next Page for more information.)**

**4. Economic sustainability:** A modular system allows for phasing, growth, and contraction, assuring the financial success of the project in terms of anticipated budget. In this way, construction can take place according to the City investment capacities over time. While respecting and maintaining the existing budget is essential, an open system allows the public to determine if there would be any support for an increase in the available funding for this project to grow or expand its program in the future or in case additional private or grant money becomes available. Furthermore, being a kit of parts capable of varying its configuration to adapt to the needs of programmed events, the Pier can become a source of employment for St. Petersburg's residents during the processes of assemblage and dissasemblage that are required periodically. In addition, activities and special events occurring on the modules can cultivate opportunities of economic development for local residents by functioning as an 'incubator' of sorts for micro-businesses. For instance, a Saturday morning market or the creation of docks for the delivery and sale of fresh fish can provide a source of income for locals and entrepreneurs, and stimulate economic relations over the Tampa Bay Estuary.

**5. Environmental sustainability:** The use of floating and environmentally sustainable modules and the construction of the new Pier over the footprint of the old structure with a lighter and less impactful design will reduce the net environmental impact of the intervention. Limiting the use of personal vehicles and adding a light public transport system such as a rubber tire trolleys or modern streetcar will reduce considerably the pollution and carbon emissions of the existing Pier; reduce vehicular congestion and the need for on-Pier parking. Also, as mentioned earlier, the Pier must not only provide a reduction of environmental impacts but must act as an active agent to improve the environmental quality of the bay. Ensuring that the new pier structure does not impede flow or restrict flushing of the area to the extent possible, the creation of viable wetland areas, the reutilization of the old pier structure for the creation of artificial reefs, as well as the appropriate management of stormwater runoff, are also integral to achieve a sustainable long term approach for the new pier.

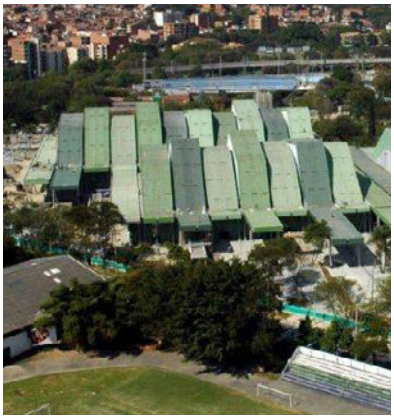
**6. Building as an Educational Interface:** A system of modules will not only provide an envelope to accommodate educational activities. The design itself will prompt visitors to establish more sustainable behaviors and relationships with the ecological landscape of the pier.



*Forest of Hope. Modular canopy, Bogotá, El Equipo de Mazzanti, 2011.*

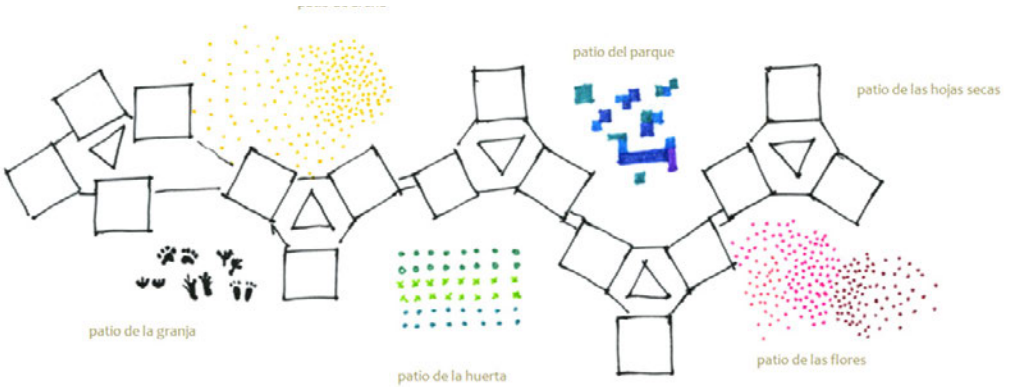
*Lomas del Peyé School, Cartagena, 2014.*

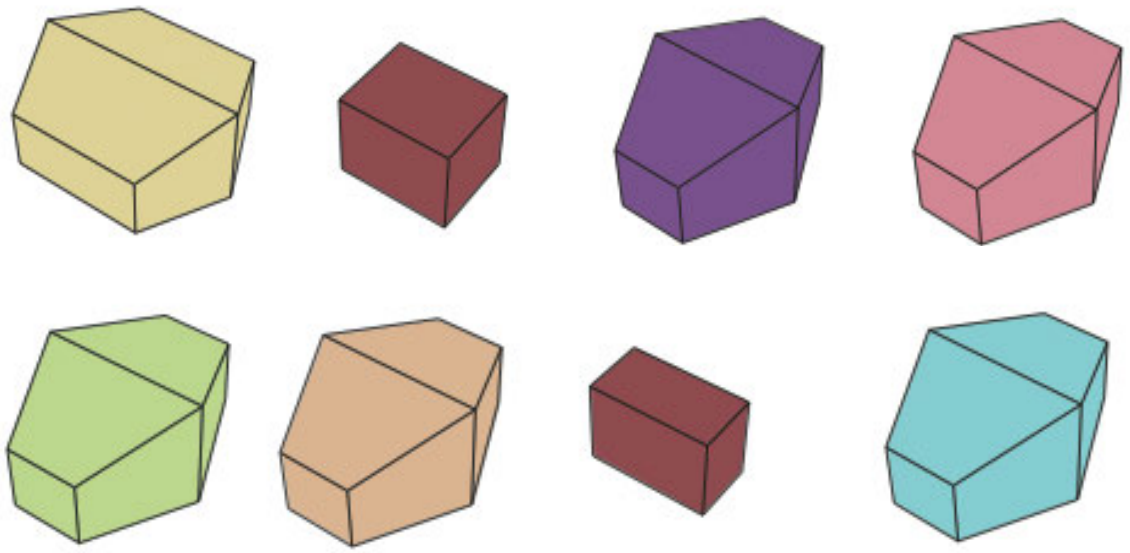
*Timayui School, Santa Marta, 2008.*

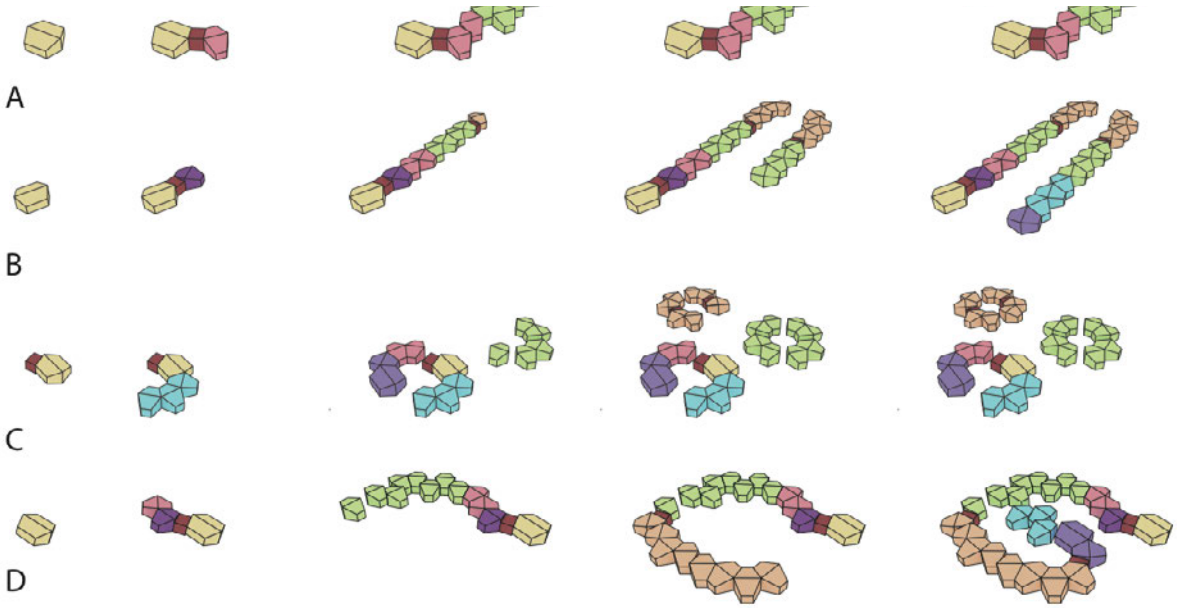


4 Sports Scenarios, Medellin, 2010.

*At El Equipo de Mazzanti we have successfully developed various projects, ranging from educational and sports facilities as well as public spaces through modular systems. These systems provide a flexible architecture capable of changing over time according to needs, as well as the economic sustainability of each project.*






*Architectural experiments: Systems, pieces and modularity.

**Educational Park in Marinilla, Antioquia, 2014. In process.*

*From the beginning, this project encompassed a constant dialogue with the community of Marinilla, a small town in Colombia. Before the completion of the design, the architects and their teams were asked to start a negotiation with the community. In collaboration with the artist Nicolás Paris, a series of meetings were organized to discuss the collective will. The community talked about their thoughts and desires. The artist also conducted a workshop with the objective of making people part of the design process by inviting people to discuss about their explicit and implicit needs through a specific exercise: Drawing banknotes. The idea was to give value to the piece of paper by defining what was cherished by each individual of the community and materialize it as a payment for the new public building. Conversely, the people also acquired the compromise of using the building and give significance to the architecture on their daily life.*

| ELEMENT PRIORITY RANKINGS | |
|---|---|
| ELEMENT | QUANTITY IN TOP 10 |
| Open-Air Casual Dining | 1,192 |
| Observation Areas | 1,006 |
| Cycling / Jogging / Walking | 977 |
| Tram / Trolley | 780 |
| Fishing | 663 |
| Shopping | 626 |
| Marine Discovery Center | 612 |
| Café / Snack Bar | 611 |
| Fine Dining | 573 |
| Bike / Watercraft Rental | 573 |

*Pier Working Group Public Input*

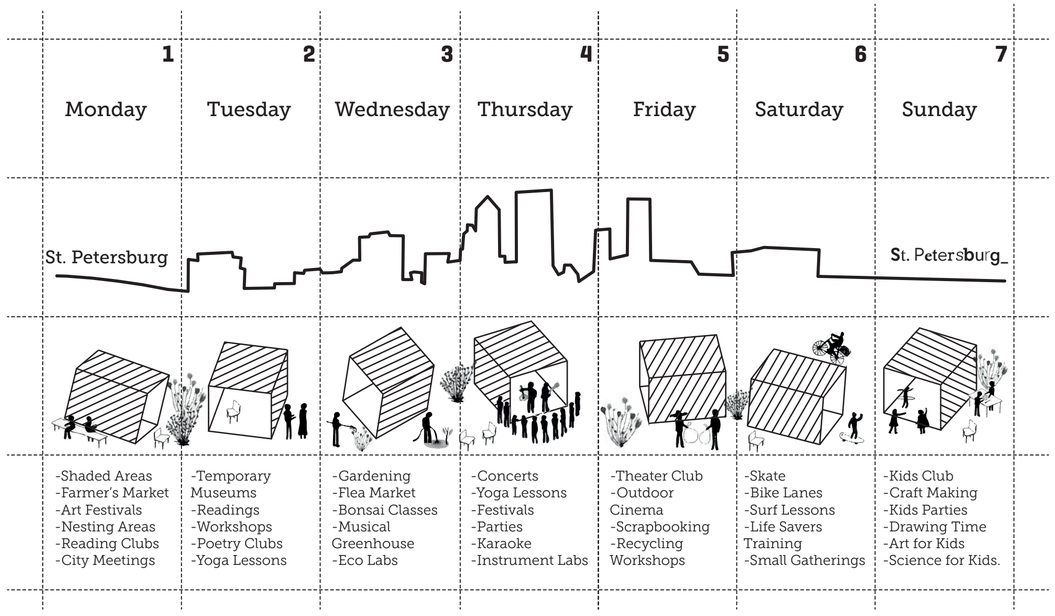
**Place-building through community based approaches:**

We have all learned that it is impossible to give life to a place only through built environment enhancements. It is certainly true in St. Petersburg. Effective and sustainable use of this St. Petersburg Pier renewal initiative must include the active involvement of the community in order to guarantee the Pier's acceptance and broad community use after its re-design. There are many ways in which we can and will incorporate the community in this process. Inspired by the flexible-use approach in the design phase of the project, we believe the community can identify ten great destinations they would like to have in the new Pier. Most certainly these destinations would be related to the top-ranked activities identified by the community in the study provided by the Pier Working Group, such as open-air casual dining, sight-viewing, cycling/jogging/walking, fishing, and shopping among others. We will concentrate not only in designing the destinations, but we will focus in the connections between them as well. The proposed flexible spatial scenarios will provide these connections both physically and experientially. Creating these connections through a mix of uses (entertainment, parks, and retail), a mix of associations (public institutions, local businesses, and community-based organizations) and passive spaces, will create an acceptable Vision of the Pier and Park, where the community is at the center of the revitalized waterfront centerpiece. A renovation of this sort offers considerable potential to rejuvenate St. Petersburg greatest asset.

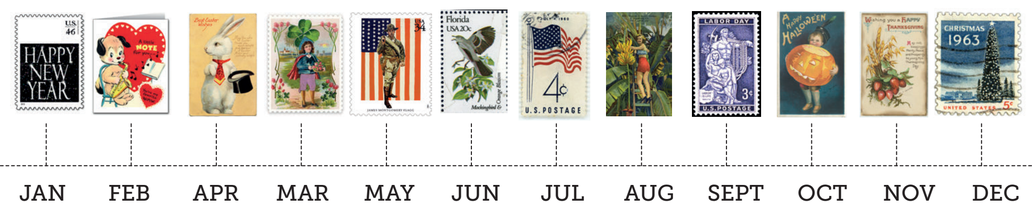
**Involving the community:**

There are many ways in which the design of the new Pier can collaboratively answer the community's visions of the project. A simple, but effective exercise is to create a collective map of experiences in the Pier. For example, through crowd-mapping techniques we can collect information such as text, images, and videos where we can display the way in which St. Petersburg's citizens have experienced the waterfront throughout the years. A collective exercise of memory and historic preservation would put the public's interests first and would step effectively toward meeting and managing community goals and expectations of the project.
So we know that every great waterfront renewal process has to be open to the public, which means people need to have an open access the initiative's information related to its finances, public-private partnerships, involved community organizations, etc. Good examples of this approach have been the communications channels built by the Metropolitan Waterfront Alliance in New York, and the city of Brighton in the UK. These initiatives built the channels of interactive communication with the community and greatly assisted in meeting community expectations for the redevelopment of England's original waterfront resort area and entertainment pier. These communication channels range from project websites to project advocates who work along with communities in establishing their priorities and interests in the new development, and can include a wide variety of public workshops and discussion groups as well. As we move further into the project competition, we will be providing a detailed public involvement approach.

## A Week in St. Petersburg Pier_




## A Year in St. Petersburg Pier_




# Event_

The new Pier will be photographically iconic, capable of transforming with seasonal events, celebrations and daily activities. Instead of a single iconic building, a memorable image will be given by the landscape of architectural modules built along the pier's length. This is why in our design approach the image of the pier is not rigid, but consists of a series of image/situations that will provide St. Petersburg with a strong and yet changing landmark.

As a public park with a privileged view over the city and the Tampa Bay, the pier will continue to be an ideal place to celebrate traditional events, but also a novel platform to invent and cultivate new celebrations for St. Petersburg. For instance, commemorating a Pier's opening day is a creative way to inaugurate the project as a vibrant and important symbol of the city. In our view, the event is not a secondary aspect but a fundamental element that will define and shape the pier over time.
Cities constantly strive to transform their icons. For example, the Empire State Building frequently switches its lighting as if it were changing cloths, thus giving New York a new look that fits better with events and celebrations that are taking place in it. A system of modules is a powerful way to visualize the changing events that are taking place on the Pier, because it will allow the administration and community to create different physical configurations.

In our design approach, time acquires a fundamental importance in shaping the experience of the new Pier. If architecture usually focuses on solid formations, we believe architecture can expand its spatial arts by creating active and flexible systems capable of being transformed and appropriated over time. The relevance given to particular points in time, that is, to the succession of symbolic and demure events that happen over the Pier, will give this piece of infrastructure an experiential quality: the Pier becomes a kind of calendar of the City's life, signaling the passing of time, the speeds of seasons, or the arrival of events and festivities.

# The Event as an Icon_

**Festa del Redentore (Feast of the Redeemer) is an event held in Venice the third Sunday of July where the fireworks play an important role. This celebration dates back to 1577, when Venice was cleansed of the plague and Andrea Palladio was commissioned to build a church in honor of Christ on the Island of Giudecca. Today, the Festa del Redentore (Feast of the Redeemer) is celebrated with lights, eating, and drinking throughout Venice.**

**The Redentore is a powerful example of how an urban landscape can be transformed into a memorable icon through an event. The agglomeration of boats and gondolas--resembling a series of pieces—gives Venice a powerful scenario where people can gather and celebrate.**

# Elastic Process_

Architecture usually starts when the removal or subtraction of previous structures has taken place, and finishes when construction is over. Our design strategy is based on an expanded view of this timeline.
Our design will take advantage of the processes of removal of the old pier structure and will recycle parts of the pier for the new project, using the materials for creating artificial reefs to instigate fish habitats, for instance. On the other hand, while the removal of the old pier may become an event in itself, we believe that it is essential to encourage activities that foster public engagement and appropriation throughout the construction process of the new pier.

As a modular architectural system, the new Pier is an unfinished project that will change over time according to events and activities. This notion of a periodical transformation of the architecture will instigate an active relation between the pier and the construction crew—one that is not over with the construction of the modules but continues to occur throughout the transformations required for different events. This gives the possibility of a constant involvement of workers on the pier's life and therefore in the life of the city and the community.

**Strategies for the non-established:**

The unceasing changes of cities and culture create the need to be constantly redefining urban spaces and architectural projects. Based on this, focusing on the process in human activities could help to reimagine urban practices and develop new strategies. These strategies can transcend beyond established methodologies and irreversible responses to offer more vivid spaces.
By definition, process regards to the idea of change and constant development. It can be also associated to concepts like elastic, instant, variable, and adaptable. Thus, if a building is always in process, it can intercede between people and their constantly changing needs.
If architectonic structures are conceived from the idea of activity and possibility, it can increase the programmatic paths. When a space is always in process, everybody, from the potential user to the builders themselves,

can shape the final result.

With those insights, the proposal can welcome citizens and institutions to participate in and mediate on the processes of building.  All these agents have immediate needs and ideas, which can be fulfilled due to the adaptability of the solution we propose.

Beyond an urban symbol, architecture should be a sign. Thanks to its multiple readings, architecture can have implications that are more understandable in terms of time than in terms of space. Consequently, the architecture of the new St. Petersburg Pier should foresee a multitude of possible experiential and cultural transformations; and in doing so be more available to and beloved by both locals and visitors alike.

# Closing Remarks_

In sum, we envision an integral and innovative design for St. Petersburg's new pier. We recognize and take advantage of the city's magnificent Waterfront Park System and conceive the pier both as an integral part of it and its memorable culmination. Privileging pedestrian activities over the current vehicular circulation of the pier will prompt citizens to have a new relation with the Tampa Bay, particularly because activities and spaces will be distributed from the upland areas and along the course of the pier's length instead of just at its end. Also, limiting vehicular transit and distributing the program from the upland areas will result in a more sustainable approach to the new pier. On the other hand, we believe that a system of modules is the ideal response to achieve both flexibility and a horizontal distribution of the pier's activities. Conceiving the pier's architecture as a system of modules welcomes transformation, adaptation, and above all, the involvement of citizens and institutions in shaping the pier's activities and spatial scenarios. The concept of a "Productive Park" has the potential to make this piece of infrastructure into a vital area of the city. By integrating in one setting the recreational and contemplative activities often associated with a park along with a diversity of cultural, educational, environmental and economic activities, the new Pier will be an inclusive and cohesive element for the city. For all these reasons, we are confident that our design will not only provide St. Petersburg with an iconic landmark that will attract residents and tourists alike but will become a thriving area of the city—a creative setting where new activities and events will emerge over time.

St. Petersburg } St. Petersburg

**Portfolio_**


5

# Portfolio_

The following portfolio of recent projects showcases the trans-disciplinary and collaborative research methods and design practices of our team. Upon reviewing these selected works, what becomes evident is that our team members have worked together on complex projects across varied disciplines and urban cultures. Openness to diversity, both within research methodology and design approach is an essential part of working with complex geographies. As such, our team brings to bear multicultural, multilingual, and multidisciplinary expertise, thus it can adapt and work within a variety of environments with ease.

# El Equipo de Mazzanti_

# Parque Tercer Milenio_

**NAME OF THE PROJECT_** Parque Tercer Milenio

**DATE_** 2004

**PROGRAM_** Sports, public space, landscape

**CLIENT CONTACT_** Alcaldia mayor de Bogota

**ASSOCIATED WITH_** Carlos Hernandez, Camilo Santamaria, Diana Wiesner, Rafael Esguerra.

**ORIGINAL SCHEDULE VS REAL SCHEDULE_** On time

**SIZE_** 1.442.364 sq. ft.

**LOCATION_** Bogota, Colombia.

**COMPLETED/CONSTRUCTION/COMPETITION_** Completed

**PRIZES AND ACKNOWLEDGEMENTS_** First place Karl Brunner Prize Diseño Urbano y Paisajismo

**COLLABORATORS_** Angela Laverde, Catalina Parra, Nicolás Sierra, Angela Morales, Felipe Limongi, María Arango

Third Millennium Park is part of a municipal initiative to improve and revitalize depressed areas of the city of Bogota. The park is located on the site of what was formerly known as La Calle del Cartucho (Cartridge Street), which was one of the first areas affected by the city's urban regeneration process. The park is located in the Barrio Santa Ines, between Carrera 10 and Avenida Caracas 10th Street and 6th Street. It has an area of 16.7 hectares, comprised of 640 properties of which 80% were purchased by the city's Urban Renewal Office.

The park has a very specific area zoned for entertain- ment without discrimination. There are variety of playgrounds for tennis, basketball and football. The aim of the design is to make space for all - children, youth and adults. A park without fences,

Third Millennium is one of the few wide-open public spaces that exist in the city. Users can access the park at multiple points, and are able to gain direct entry from almost any of the surrounding streets. Additionally, the park's greenery plays a very important role in terms of noise reduction surrounding streets, with plenty of traffic.

City location

Aerial view of the park

Side view of the park

People in the park

The work has not ended yet. We don't know how this is space will be transformed in the next 100 years, but it will be a great public space

# Four Sport Scenarios_

**NAME OF THE PROJECT_** Four Sport Scenarios for Southamerican Games 2010

**DATE_** 2008-2009

**PROGRAM_** Sports, public space.

**CLIENT CONTACT_** EDU

**ASSOCIATED WITH_** Felipe Mesa (Plan B. Architects) - Alberto Aranda

**ORIGINAL SCHEDULE VS REAL SCHEDULE_** December 2009 VS January 2010

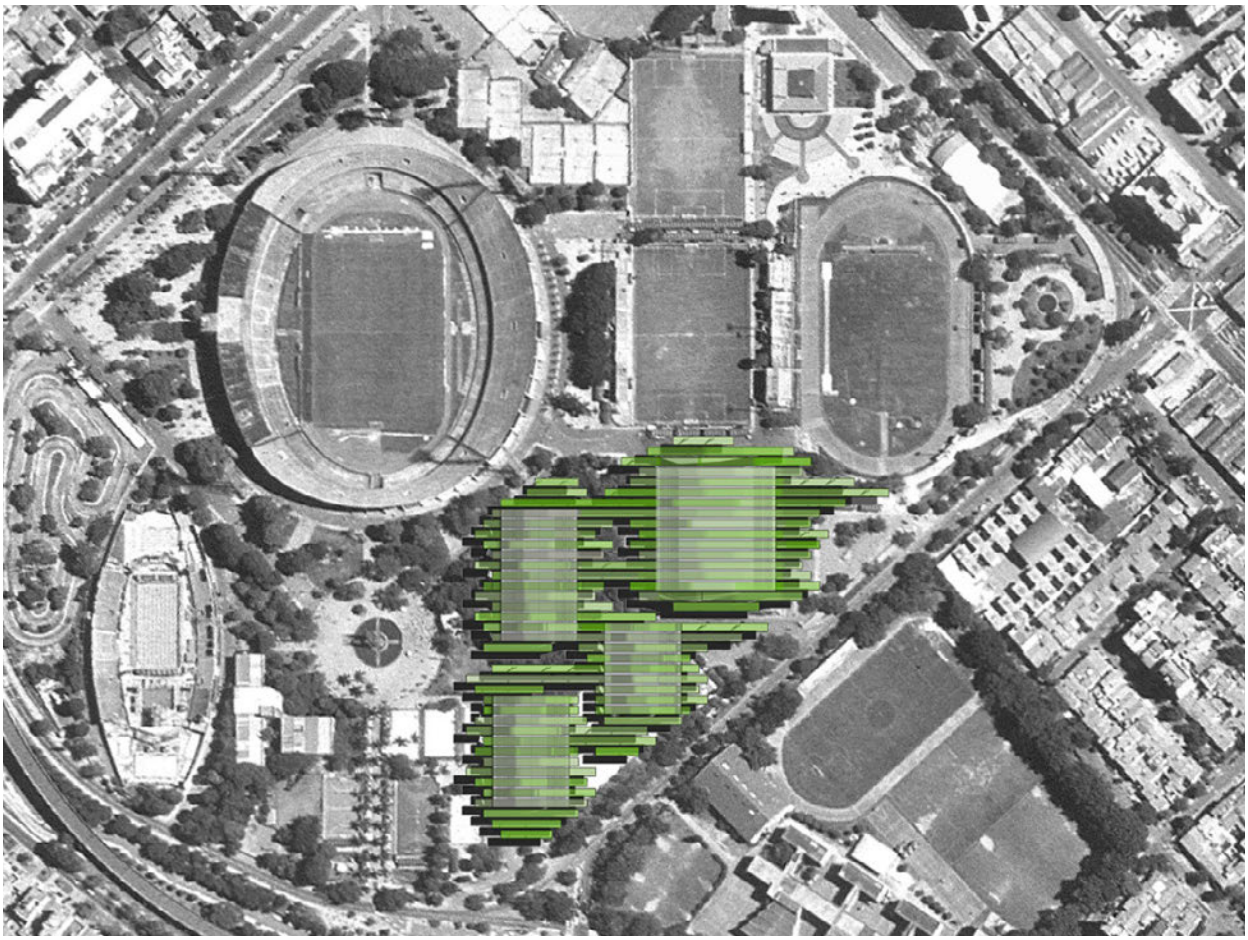
**SIZE_** Built area 330.338 sq ft Public Space 252.177 sq ft

**LOCATION_** Medellin, Colombia.

**COMPLETED/CONSTRUCTION/COMPETITION_** Completed

**PRIZES AND ACKNOWLEDGEMENTS_** Winner Latinoamerican Biennial 2010

**COLLABORATORS_** Andres Sarmiento, Jairo Ovalle, Rocio Lamprea, Carlos Bueno, Ana Prado, Carlos Acero, Jaime Borbon, Susana Somoza, Luisa Restrepo, Esteban Monsalve, Andres Cardona



Our project took the interior and exterior in a unified way. The outdoor public space and sporting venues are in a continuous space, thanks to a large deck built through extensive stripes out, perpendicular to the direction of the positioning of the main buildings. Each of the four sporting venues operates independently, but in terms of urban space and behave as one large continent built with public open spaces, semi-covered public spaces, and indoor sports

The project has been thought as a new geography to the interior of the elongated Aburrá Valley, midway between Cerro Nutibara and Cerro El Volador. It is a building that seems to be another mountain in the city; from the remote or from the top has an abstract image geographic and festive; from the inside, the movement of the steel structure, allows the filtered sunlight to get inside the space, which is the suitable condition for the conduct of sporting events.

Each of the four scenarios can be understood as a separate building, connected with another on an urban scale. The three new scenarios can also be understood as a single large building, related to the existing Ivan de Bedout Coliseum. The four coliseums can be understood as a great place to set both the buildings and public space.

**1.** The skeleton of the project is the pattern: Here the structure is an organization system or the understanding of vitality. It means that the relation the project proposes is its skeleton.

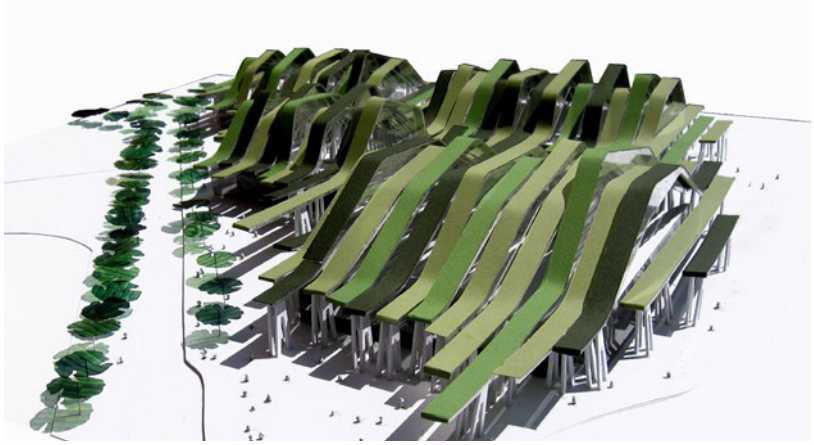
**2.** The skeleton of the project is made of the symmetry of the structure and the muscles: Here the structure is the way in which the limit or physiognomy of the project are equivalent to the skeleton. The skeleton is on the outside or the epidermis and vice versa, it is an expression of architecture. Architecture is qualified by the structure.

**3.** The skeleton of the project is the structure: Columns, bases, beams, roofs. Stripes, canals. Interior space.

Exterior view of the scenarios

Public space

Construction



Model


medellín 2010
SALIDA
SALIDA

# Spain Library Park_

**NAME OF THE PROJECT_** Spain library Park

**DATE_** 2005-2007

**PROGRAM_** Public space, culture, education

**CLIENT CONTACT_** EDU

**ASSOCIATED_** Juan Gil

**ORIGINAL SCHEDULE VS REAL SCHEDULE_** On time

**SIZE_** Built area 40.717 sq ft

**LOCATION_** Medellin, Colombia.

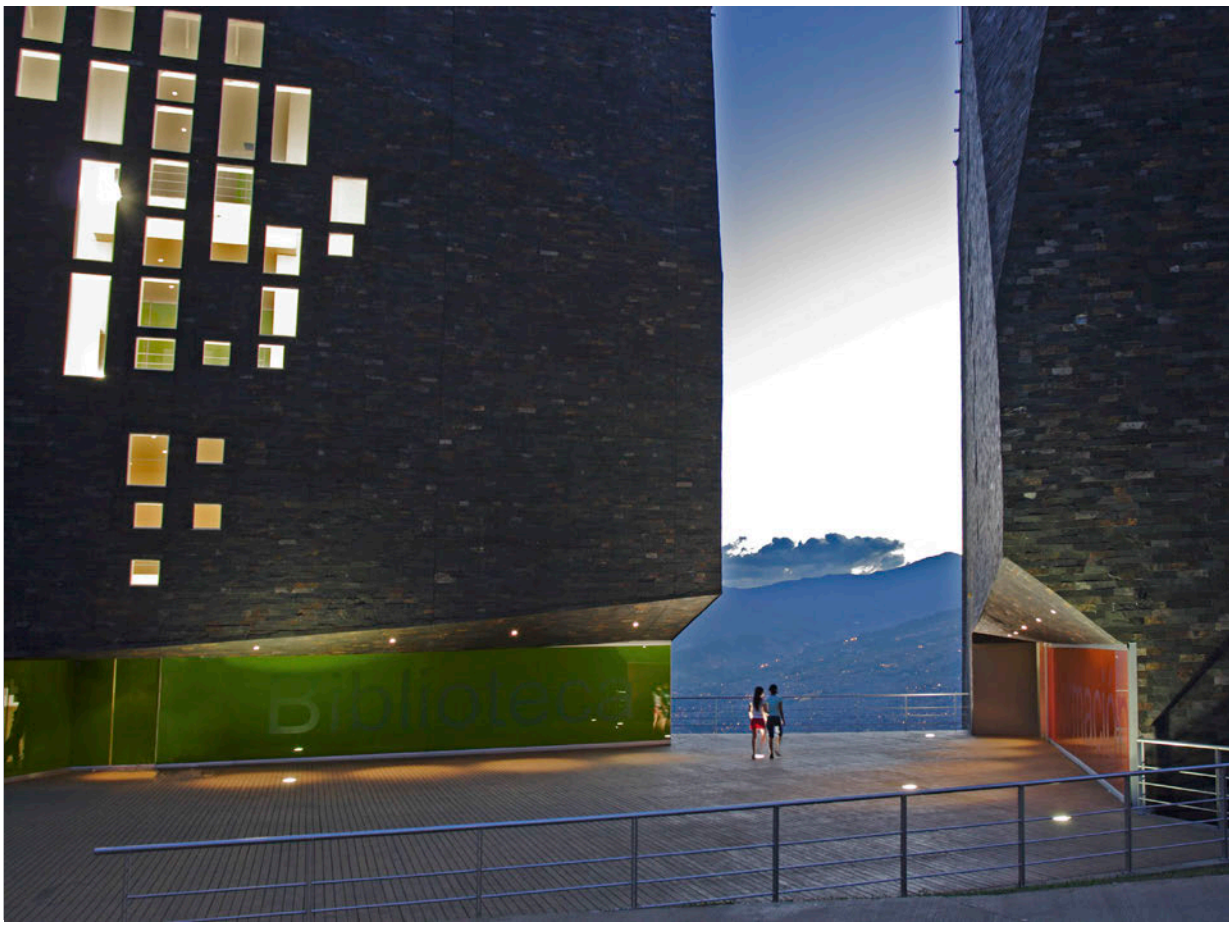
**COMPLETED/CONSTRUCTION/COMPETITION_** Completed

**PRIZES AND ACKNOWLEDGEMENTS_** Winner Lisbon iberoamerican Biennial 2008

**COLLABORATORS_** Andrés Sarmiento, Juan Manuel Gil, Fredy Pantoja, Pedro Saa, Gustavo Vasquez, Ivan Ucros

Rather than create a stand-alone building, we propose an operational geography that is integrated with the valley, as a mechanism for organizing program and highlighting natural elements of the surrounding area. This calls to attention the hidden and irregular contours of the mountain while producing a building that echoes the hilly landscape. The building redefines the folded structure of the mountain as form and space, eliminating the idea of landscape as a background and enhancing the building's assimilation into the landscape.

The site is defined of small brick houses mostly constructed as an expression the desires of residents of the surrounding steep slopes. This form of organi- zation gives a uniform texture to the city with no visible hierarchy. As a main tourist attraction in Medellín, the project is visible from much of the city. Quickly adopted by the residents of the area as a symbol of the new Medellín, a sensation of pride and a greater sense of belonging is exhibited within the surrounding community, through regular use and care for the library.




In addition to the exterior, another important factor in the design lies within the interior. Through the strategy of decontextualization, the user, once inside is provided with an environment much different than that of his or her immediate surroundings. This difference in environment provides a space for study and reflection, supported by atmospheric and spatial offerings that allow the user to think and learn in a way much different than most in this neighborhood has ever known. This project is located in one of the areas of the slope most afected by the violence of the eighties product of drug trafficking in the city of Medellín.

It it a part of the program of social inclusion to bring equality of oportunities to the social and economical development of the village.

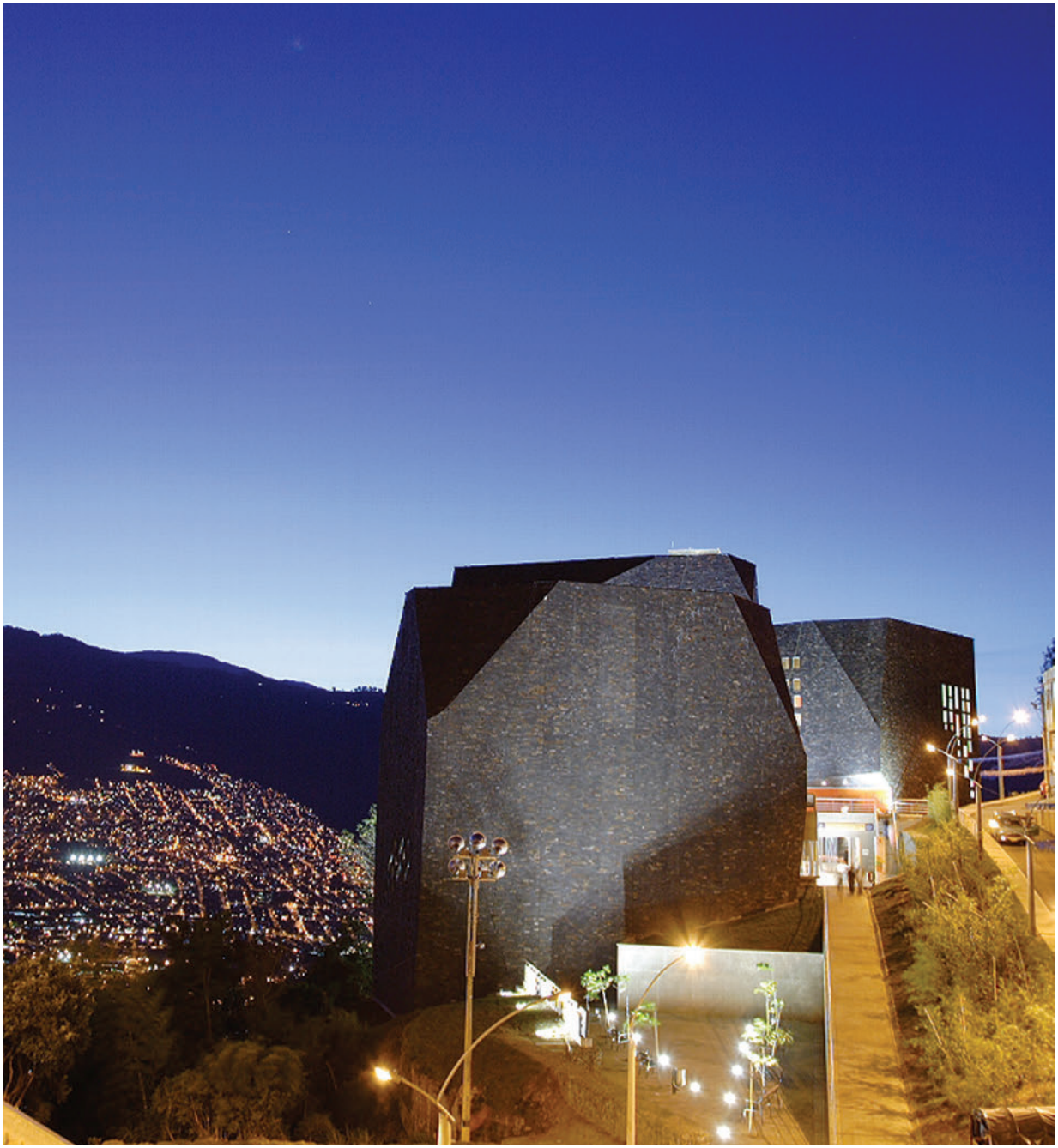
This element is a part of the will to transform in a bigger scale.
The Urban Development Enterprise (EDU) of Medellín designs and develops an Integral Urban Plan (PUI) that seeks to transform the entire sector of the comune of Santo Domingo. This proposal includes the construction of a network of public space complemented by three features, amonst which is the library.

Santo Domingo Savio neighborhood

Metrocable is the way to get to the library by public transportation

View from the bottom of the hill

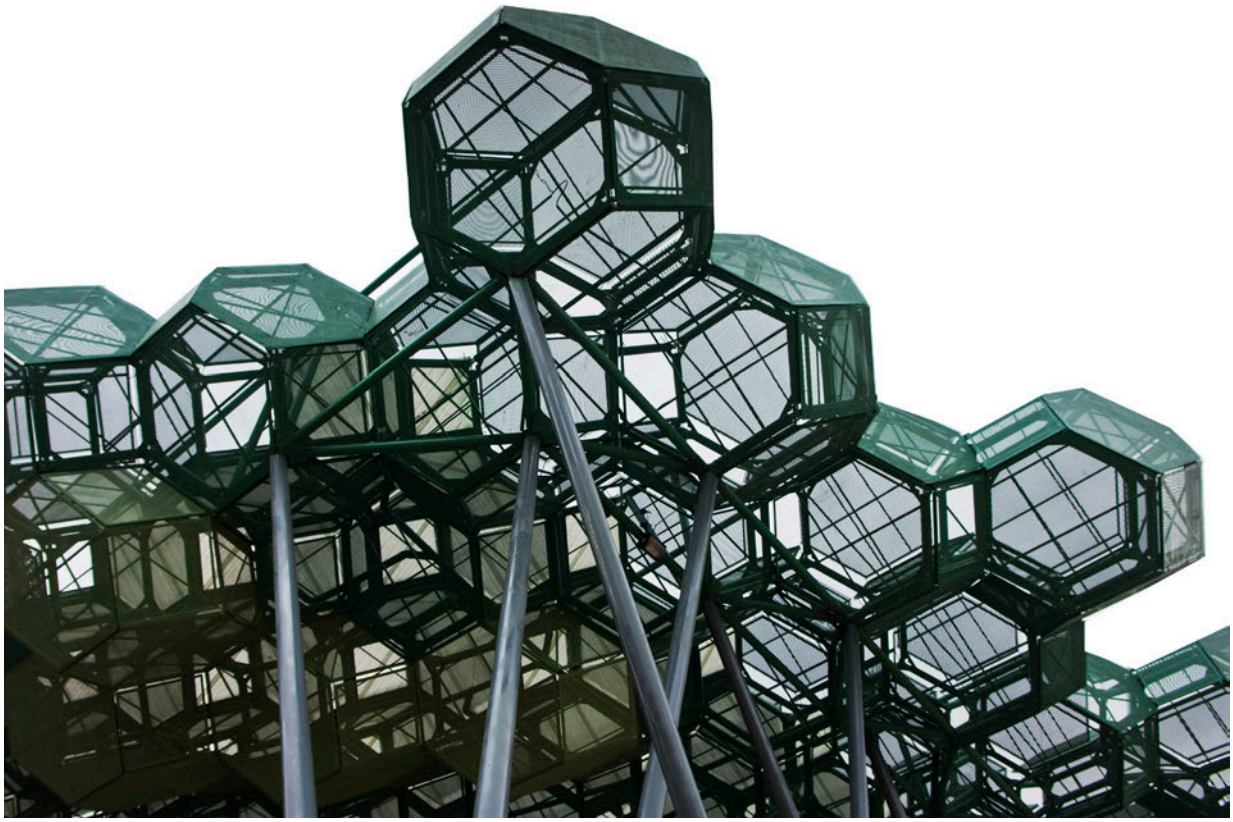
Aerial view



Architecture is a weapon more powerful than people may believe to generate social transformations in deteriorated contexts with strong character buildings that generate a sense of belonging and pride in its inhabitants".

# Forest of Hope_

| | |
|---|---|
| NAME OF THE PROJECT_ | Forest of hope, Cazuca |
| DATE_ | 2009 |
| PROGRAM_ | Education, public space, sports |
| CLIENT CONTACT_ | Pies Descalzos Foundation |
| ASSOCIATED_ | Juan Gil |
| ORIGINAL SCHEDULE VS REAL SCHEDULE_ | January 2010 vs December 2009 |
| SIZE_ | Built area 8.611 sq ft |
| LOCATION_ | Bogota, Colombia. |
| COMPLETED/CONSTRUCTION/COMPETITION_ | Completed |
| PRIZES AND ACKNOWLEDGEMENTS_ | Colombian Biennial selection 2011 and 2014 |
| COLLABORATORS_ | Lorena Gonzaléz, Jonathan Hernandéz, Liv Johana Zea, Charline Lalanne |



Forest of hope is a sports center on the outskirts of Bogotá where neighbors can take part in various recreational and academic activities that help foster a cooperative community. It consists of a canopy where modules can be added depending on circumstances and desires for coverage and densities.

Forest of hope is located in the municipally of Soacha, Altos de Cazucá, a very depressed area that lacks of public infrastructure. The neighborhood is known for its security problems and is home to thousands of people that have been displaced from their hometowns due to social conflict.

Continuing our investigation into the potentials of architecture, the main interest of the project lies in producing actions, changes and relationships which generate shapes, patterns or open organizations that promote social actions. FOREST OF HOPE is an open project, made out of modules that have the potential to grow and adapt to different situations. As such area residents currently use the structure in a variety of ways: as a sports field, open-air market, church and concert arena.

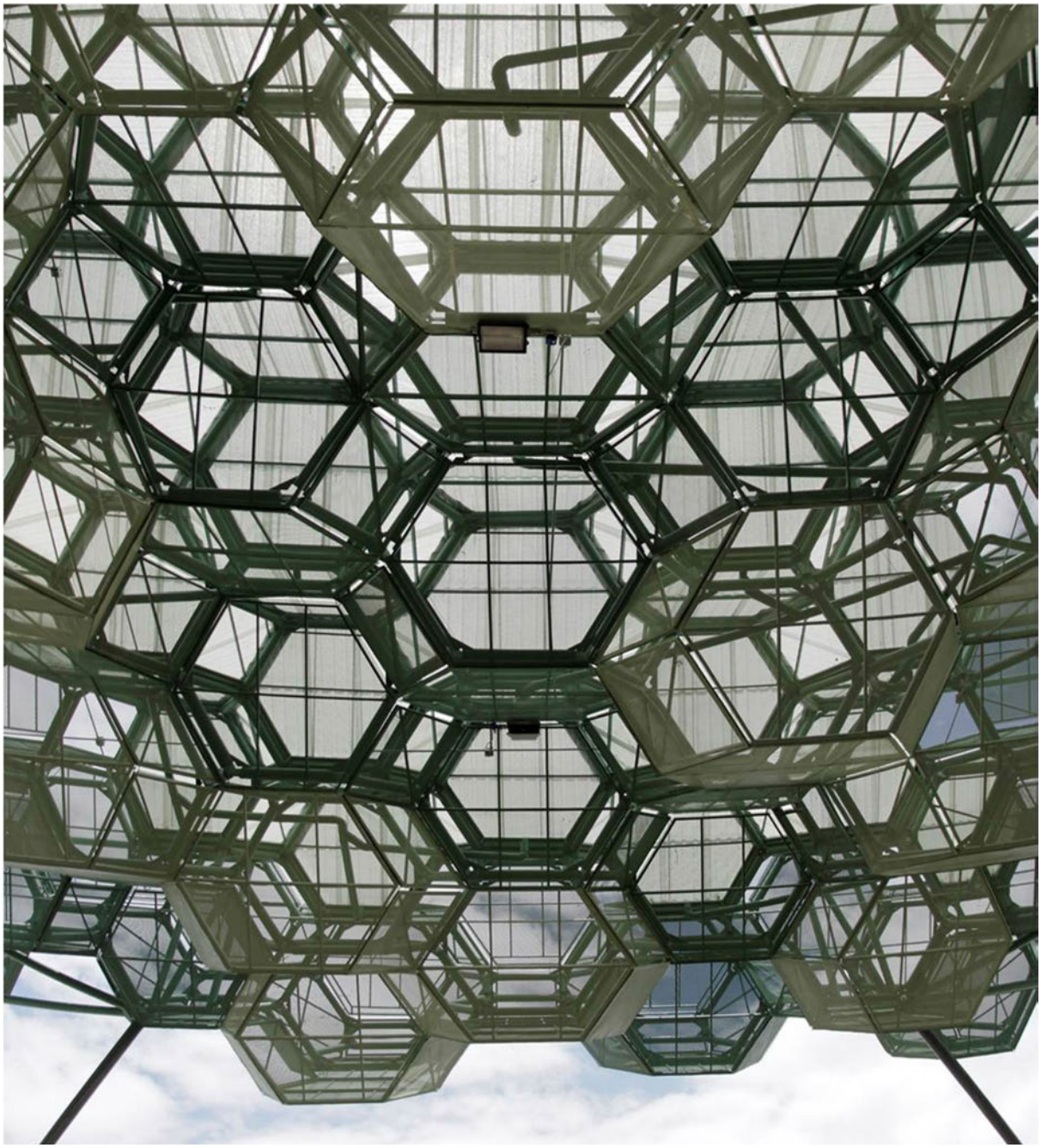
Forest of hope  consists of a 1.744m2 horizontal
surface and a 700m2 spatial structure, which acts as a structural bunch of trees. The dimensions of the canopy are approximately 22.7m x 30.8m, with a perimeter of 138.198m. Each of the modules is a polyhedron of 12 surfaces which multiply to form the canopy. The structural canopy functions as a beam plane, supported over the two axes of the columns. Materials used are expanded mesh, round metal pipe and translucent tile.

Canopy aerial view

Growing master plan

Exterior view of the canopy

Detail module



# Timayui Kindergarten_

NAME OF THE PROJECT_ Ciudad de la Alegria Kindergarten, Timayui

DATE_ 2009-2010

PROGRAM_ Education, public space

CLIENT CONTACT_ AEIOTU Foundation, Alcaldia de Santa Marta, Bienestar Familiar

ASSOCIATED_ Juan Gil

ORIGINAL SCHEDULE VS REAL SCHEDULE_ January 2010 vs February 2010

SIZE_ Built area 16.146 sq ft

LOCATION_ Santa Marta, Colombia.

COMPLETED/CONSTRUCTION/COMPETITION_ Completed

PRIZES AND ACKNOWLEDGEMENTS_ MCHAP Nominee, International sustainable architecture.

COLLABORATORS_ Susana Somoza, Andres Sarmiento, Nestor Gualteros, Oscar Cano, Lucia Largo

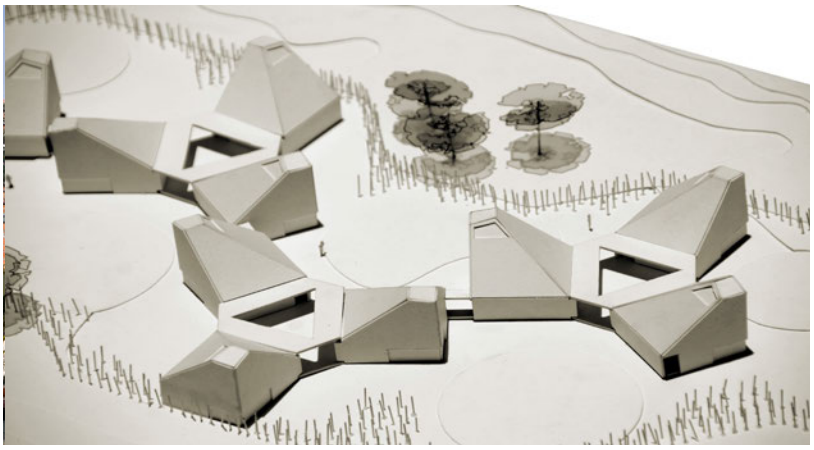
This project responds to the political concerns of the municipality of Santa Marta and the Carulla Foundation to improve the educational conditions of the displaced communities that have settled at the outer perimeter of the city. These areas are often characterized by violence and lack of public infrastructure. The project is meant to develop an infrastructure for improving the conditions of early childhood education in low-income communities, addressing the needs of the most vulnerable populations, between the ages of 0 and 5 years old. Rather than being a formal object, the image of the building refers to the geography of the region.

Our intention was to develop an architectural landscape that relates to the localized geographical and topographical conditions of the site. We postulate organizational programs to develop projects that promote a "new natural contract" by reformulating the relationship between figure and background. Our project has developed a functional strategy, and an environmen- tal space based on a modular system of repeated patterns that can be connected in various ways. This allows the system to adapt to various urban, programmatic, ecological and political situations.

The modular kindergarten system for Santa Marta has generated indoor games, garden spaces and various educational conditions. Within this system a series of concentrated classes, outdoor covered areas, and a large open courtyard, scatters playgrounds areas, linking the native ecosystem with educational programming. More than a finished and closed architecture we have created an open and adaptive system, consisting of modules that can adapt to diverse situations, thereby generating growth, change, and responding according fluctuating circumstance. A strategy such as this accomodates accidents and unexpected changes.

Architecture critic Michael Kimmelman describes the Modular System for Kindergartens in the following way:

"The simple, angled pods, connected by ramps, balconies and stairs, inscribe a surprising variety of open spaces and overlapping vistas. Children can colonize separate, sheltered courtyards and master the labyrinth of passages. Mr. Mazzanti has talked about architecture pushing children toward discovery, inspiring patterns of thinking and behavior. The school's layout, taking advantage of daylight and shade, with brightly painted floors that temper the austerity of concrete and glass, creates a mix of tranquillity, serendipity and openness. It's a laboratory for exploration and play."



Model

Street view of the project

View from the neighborhood.

Interior view of the project

Night view

Classroom

"Past Its Golden Moment, Bogotá Clings to Hope," NYTimes, July 5 2012

# Pies Descalzos School_

**NAME OF THE PROJECT_** Pies Descalzos School

**DATE_** 2011-2014

**PROGRAM_** Education, public space, sports, landscape

**CLIENT CONTACT_** Pies Descalzos Foundation

**ASSOCIATED_** Juan Gil

**ORIGINAL SCHEDULE VS REAL SCHEDULE_** June 2013 - February 2014

**SIZE_** Built area 120.556 sq ft

**LOCATION_** Cartagena, Colombia.

**COMPLETED/CONSTRUCTION/COMPETITION_** Completed

**PRIZES AND ACKNOWLEDGEMENTS_** Floornature landscape and Colombian biennial nominee

**COLLABORATORS_** Fredy Fortich, Rocio Lamprea, Liv Johana Zea, Diego Castro, Maria Sol Echeverri

This project is located in one of the areas of the slope most afected by the violence of the eighties product of drug trafficking in the city of Medellín.

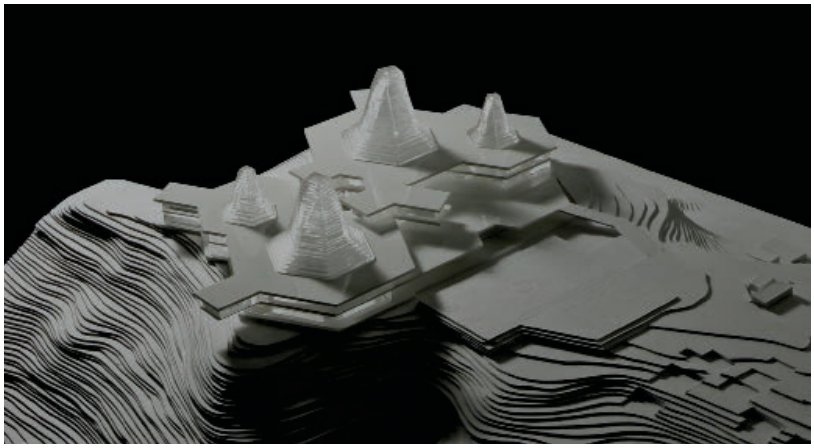
It it a part of the program of social inclusion to bring equality of oportunities to the social and economical development of the village.

This element is a part of the will to transform in a bigger scale.
The Urban Development Enterprise (EDU) of Medellín designs and develops an Integral Urban Plan (PUI) that seeks to transform the entire sector of the comune of Santo Domingo. This proposal includes the construction of a network of public space complemented by three features, amonst which is the library. The result is a new public infrastructure that serves as a base to social improvement built from one of the most complicated comunes of Medellín.

Inside view

Building entre

Patio view



Model


FUNDACION
PIES
DESCALZOS

# Projects by use_
# El Equipo de Mazzanti

# Health services_

**Meta Regional Hospital**

**Program**
Hospital

**Client**
Consorcio Hospital Departamental

**Built Area**
32.085 sq ft.

**Cost per sq ft (direct cost)**
US110

**Location**
Villavicencio, Colombia

**Cruz Roja Blood Bank**

**Program**
Urban Equipment

**Client**
Cruz Roja Colombiana

**Built Area**
345.144 sq ft.

**Cost per sq ft (direct cost)**
U$ 110

**Location**
Armenia, Colombia

**Cruz Roja Blood bank**

**Program**
Urban Equipment

**Client**
Cruz Roja Colombiana

**Built Area**

**Cost per sq ft (direct cost)**

**Location**
Barranquilla, Colombia

# Educational projects_

**El Porvenir kindergarden**

**Program**
Kindergarden

**Client**
Secretaría de Integración Social

**Built Area**
24.218 sq ft

**Cost per sq ft (direct cost)**
US60

**Location**
Bogotá, Colombia

Timayui kidergarden

**Program**
Kindergarden

**Cliente**
Carulla foundation

**Built Area**
16.146 sq ft

**Cost per sq ft (direct cost)**
US60

**Location**
Santa Marta, Colombia

School Prototype  for Bogota Gerardo Molina, Bolivia and Lituania school
Program
Distric educational and Institution

Client
Secretaria de Educacion Distrital

Built Area
89.340 sq ft /129.166 sq ft (landscaping)

Cost per sq ft (direct cost)
U$60

Location
Bogotá, Colombia

**Soledad Kindergarten**

**Program**
Kindergarden

**Client**
Alcaldia de Barranquilla

**Built Area**

**Cost per sq ft (direct cost)**

**Location**
Soledad, Colombia

**School Prototype for Cartagena**

**Program**
Preeschool, middle school, high school

**Client**
FONADE, Alcaldia de Cartagena

**Built Area**
80.730 sq ft /120.556 sq ft

**Cost per sq ft (direct cost)**
US60

**Location**
Cartagena de Indias, Colombia

**School for the department of administration and security**
*Competition*

**Program**
Educational center

**Client**
Departament of administration and security

**Location**
Bogotá, Colombia

**Atlantico kindergarten`s prototype**

**Program**
31 Kindergarden

**Client**
Gobernaciòn del Atlantico

**Built Area**
????

**Cost per sqm (direct cost)**
????'

**Location**
Atlantico, Colombia

ITSI (Technical Institute)

**Program**
Technical education

**Client**
Alcaldia de Barrancabermeja

**Built Area**

**Cost per sqm (direct cost)**

**Location**
Barrancabermeja, Colombia

Los Libertadores Cartagena University

**Program**
Superior education

**Client**
Los Libertadores Foundation

**Built Area**

**Cost per sqm (direct cost)**

**Location**
Cartagena, Colombia

Los Libertadores Bogota University

**Program**
Superior education

**Client**
Los Libertadores Foundation

**Built Area**

**Cost per sqm (direct cost)**

**Location**
Bogota, Colombia

**Colegio Pies Descalzos**

**Program**
Preeschool, middle and high school

**Client**
Pies Descalzos Foundation

**Built Area**
Built area 120.556 sq ft

**Cost per sq ft (direct cost)**
U$58

**Location**
Cartagena, Colombia

Zuleta Kindergarten

**Program**
Kindergarten

**Client**
Private

**Built Area**
14.553 sq ft.

**Cost per sq ft (direct cost)**

**Location**
Barranquilla, Colombia

IB College Colegio Anglo colombiano
*Competition*

**Program**
IB College

**Client**
Colegio Anglo Colombiano

**Location**
Bogota, Colombia

Panamericana University
*Competition*

**Program**
University

**Client**
Compensar

**Location**
Bogota, Colombia

12 de Octubre Kindergarten

**Program**
Kindergarten

**Client**
El Nogal Foundation

**Built Area**

**Cost per sqm (direct cost)**

**Location**
Bogota, Colombia

Loris Malaguzzi Kindergarten
*Competition*

**Program**
Kindergarten

**Client**
Centro Internazionale Loris Malaguzzi

**Location**
Milano, Italy

Arts program building
*Competition*

**Program**
Arts faculty

**Client**
Pontificia Universidad Javeriana

**Location**
Bogota, Colombia

# Sport Centers_

Four Sports Scenarios

**Program**
Basketball courts, vlleyball courts, gymnastics and combat courts

**Client**
Instituto de Deportes y Recreación

**Built Area**
330.388 sq ft./ 253.000 sq ft public space

**Cost per sq ft (direct cost)**
U$75

**Location**
Medellin, Colombia

Forest of hope

**Program**
Canopy for sport venues

**Client**
Pies Descalzos Foundation

**Built Area**
8.612 sq ft.

**Cost per sq ft (direct cost)**
U$35

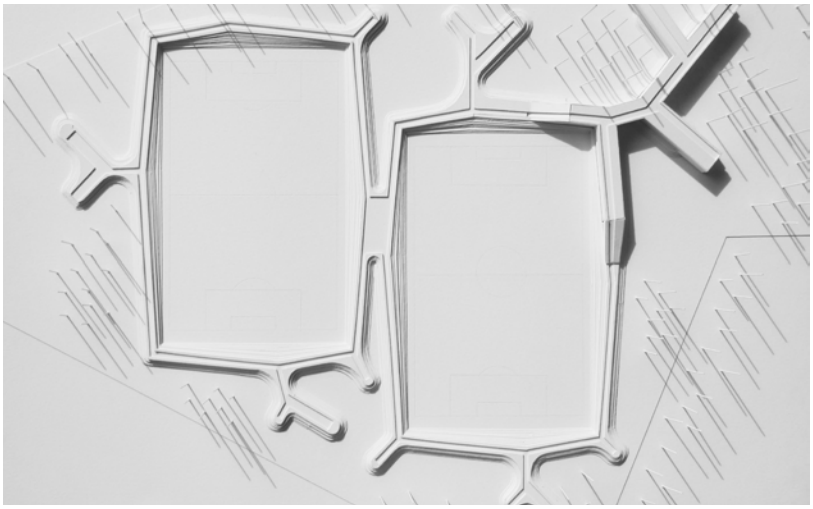
**Location**
Cazuca, Soacha, Bogota, Colombia

Girardota coliseum
*Competition*

**Program**
Instituto de recreaciòn y deporte

**Client**
Pontificia Universidad Javeriana

**Location**
Girardota, Colombia



Housing for Colombian soccer team
*Competition*

**Program**
Houses for players, soccer fields

**Client**
Seleccion Colombia

**Location**
Bogota, Colombia

New Velodrome for Medellin

**Program**
Velodrome

**Client**
EDU

**Built Area**
111.676 sq ft.

**Cost per sq ft (direct cost)**
U$285

**Location**
Medellin, Colombia

Santa Marta new soocer Stadium

**Program**
Soccer stadium

**Client**
Alcaldia de Santa Marta

**Built Area**

**Cost per sq ft (direct cost)**

**Location**
Santa Marta, Colombia

# Parks and culture_

Biblioteca España

**Program**
Library, classrooms, auditorium

**Client**
Alcaldía de Medellín

**Built Area**
40.118 sq ft

**Cost per sq ft (direct cost):**
U$65

**Location**
Medellín, Colombia

León de Greiff Library

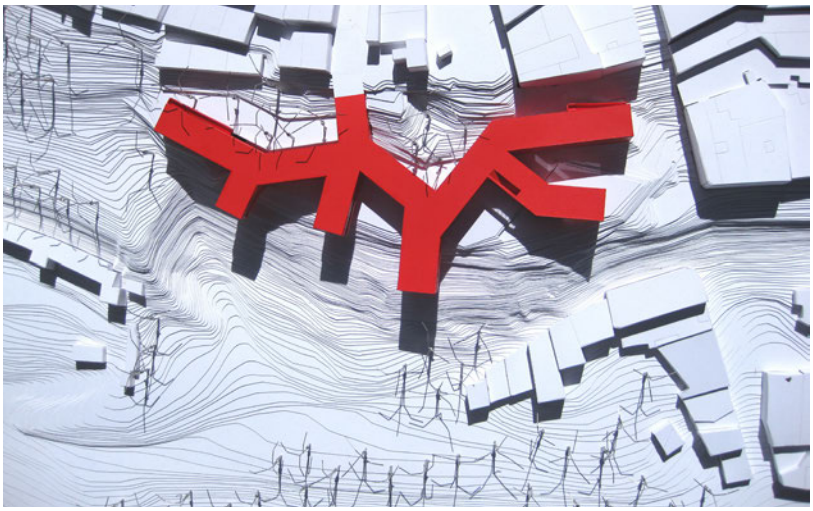
**Program**
Library, classrooms, auditorium

**Client**
EDU
Empresa de desarrollo urbano

**Built Area**
51.667 sq ft

**Cost per sq ft (direct cost)**
U$65

**Location**
Medellín, Colombia



San Javier library
*Competition*

**Program**
Park and library

**Client**
EDU

**Location**
Medellin - Colombia

Museo de Arte Moderno de
Barranquilla y Cinemateca del Caribe

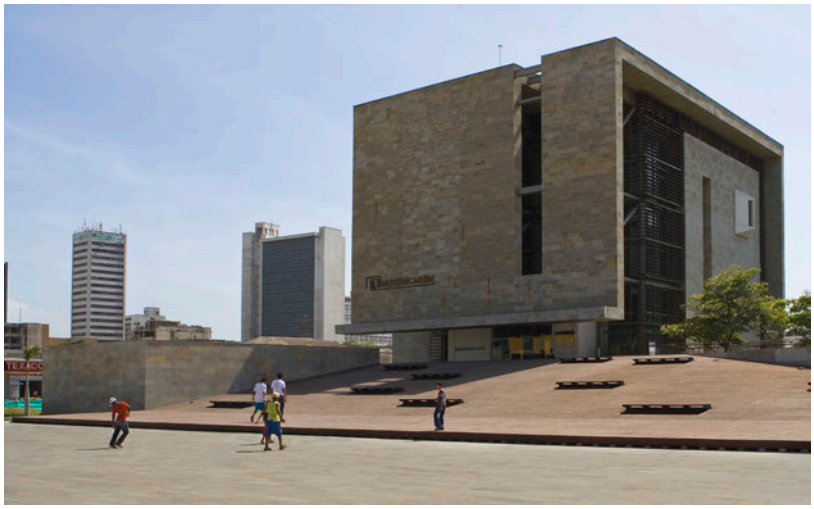
**Program**
Museum

**Client**
Museo de Arte Moderno de
Barranquilla y Cinemateca del Caribe

**Built Area**
56.000 sq ft

**Cost per sq ft (direct cost)**
U$70

**Location**
Barranquilla, Colombia



Parque Cultural del Caribe

**Program**
Museum and square

**Client**
Corporación Parque Cultural del Caribe

**Built Area**
22.000 m2

**Cost per sq ft (direct cost)**
U$70

**Location**
Barranquilla, Colombia

Marinilla Educational park

**Program**
Park and education

**Client**
Viva constructors / EDU

**Built Area**
107.639

**Cost per sq ft (direct cost)**
U$30

**Location**
Marinilla, Colombia

Parque Cultural del Caribe

**Program**
Museum and square

**Client**
Corporación Parque Cultural del Caribe

**Built Area**
22.000 m2

**Cost per sq ft (direct cost)**
U$70

**Location**
Barranquilla, Colombia

Santa Marta Parks system

**Program**
Parks

**Client**
Alcaldia de Santa Marta

**Built Area**

**Cost per sq ft (direct cost)**

**Location**
Santa Marta, Colombia

# Science and technology centers_

Espiritu del manglar park

**Program**
Park Library Showrooms

**Client**
Corporación Parque Explora

**Built Area**
186.500 sq ft

**Cost per sq ft (direct cost)**
U$70

**Location**
Cartagena de Indias, Colombia

Argos Innovation Center
*Competition*

**Program**
Engineer education and labs

**Client**
Argos

**Location**
Medellin, Colombia

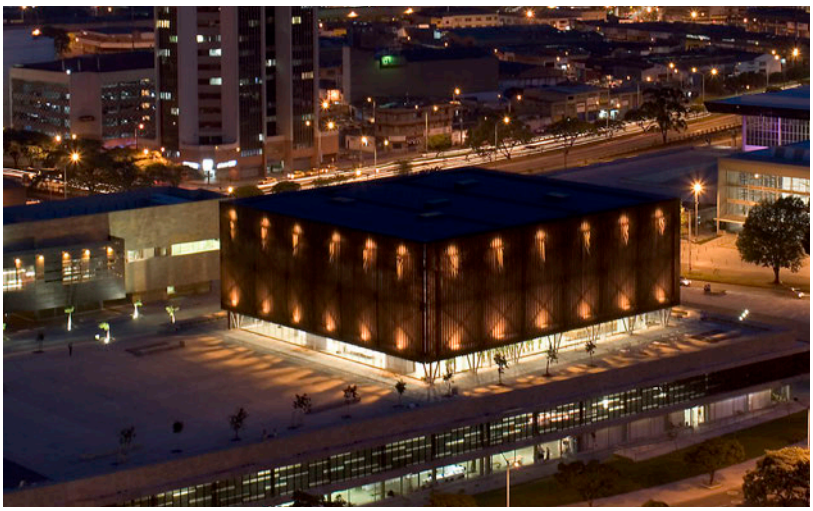
Kimberly Innovation center
*Competition*

**Program**
Education and offices

**Client**
Kimberly Clark Colombia

**Location**
Medellin ,Colombia

# Convention centers_



Plaza Mayor Medellin

**Program**
international conventions  center

**Client**
Sociedad de Economía Mixta Plaza Mayor

**Built Area**
167.175 sq ft
274878 sq ft (public space)

**Cost per sq ft (direct cost)**
U$ 70

**Location**
Medellín, Colombia

Puerta de Oro
*Competition*

**Program**
Conventions center

**Client**
Centro de eventos del Caribe

**Location**
Barranquilla, Colombia

Pabellón Verde
*Competiton*

**Program**
Public buildings and public space

**Client**
Sociedad de Economía Mixta Plaza Mayor

**Location**
Medellín, Colombia

# Public Space_

Bicentenario Park

**Program**
Public space

**Client**
IDU Instituto de Desarrollo urbano

**Area**
130,243 sq ft

**Cost per sq ft (direct cost)**
U$55

**Location**
Bogotá, Colombia

La Aurora Park

**Program**
Public space

**Client**
IDU Instituto de Desarrollo urbano

**Area**

**Cost per sq ft (direct cost)**

**Location**
Bogotá, Colombia

Tercer Milenio park

**Program**
Public space

**Client**
Alcaldía de Bogota

**Area**
1.776.045 sq ft

**Cost per sq ft (direct cost)**
U$30

**Location**
Bogota, Colombia

Pedestrian bridges of Transmilenio

**Program**
urban pieces

**Client**
IDU Instituto de Desarrollo urbano

**Location**
Bogotá, Colombia

Manzanares urban rennovation

**Program**
Urban rennovation

**Client**
Alcaldia de Santa Marta

**Location**
Santa Marta, Colombia

# Hayes | Cummings_

# Marina and North campus masterplan_

NAME OF THE PROJECT_ Fckk Marina and North Campus Masterplan

DATE_ 2013

PROGRAM_ Education

CLIENT CONTACT_ Doug Pryor

ASSOCIATED_ Hayer/Cummings

ORIGINAL SCHEDULE VS REAL SCHEDULE_

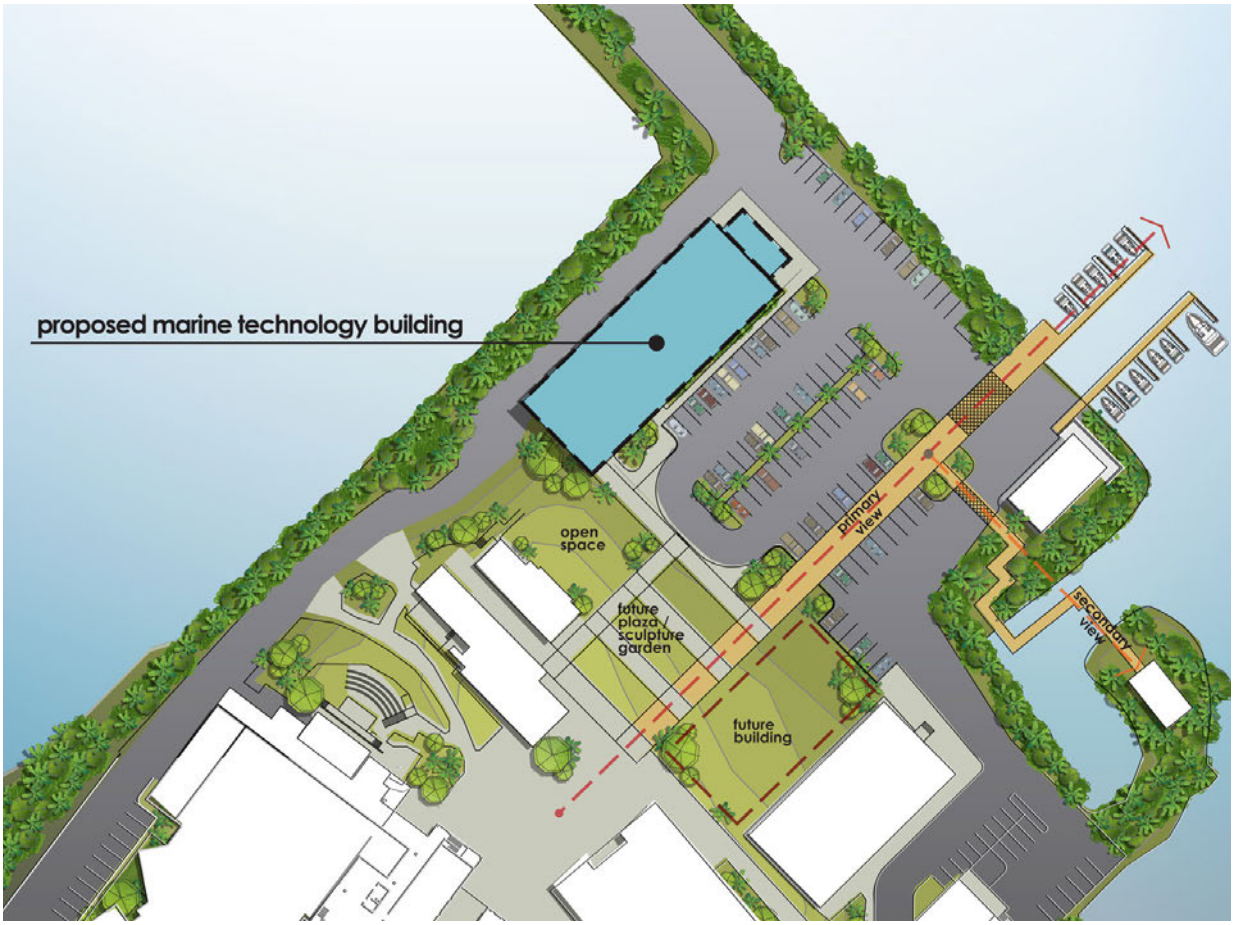
SIZE_ 12,7 acres

LOCATION_ Key West, Florida

COMPLETED/CONSTRUCTION/COMPETITION_ Completed

PRIZES AND ACKNOWLEDGEMENTS_

COLLABORATORS_




The 12.7 acres includes a new marina with 22 boat slips and a water resource educational area that is the highlight of this half of the campus master plan. A linear pedestrian walkway link the older south campus with the north campus and new marina. A new 34.000 sq. ft. LEED silver marine technology building will also be added to the north campus.

Render

# St. Petersburg police Memorial_

NAME OF THE PROJECT_ Heroes of the St. Petersburg police memorial

DATE_ 2011-2014

PROGRAM_ Public space

CLIENT CONTACT_ Heroes of the St. Petersburg police

ASSOCIATED_ Hayes/Cummings

ORIGINAL SCHEDULE VS REAL SCHEDULE_

SIZE_ 354 sq ft

LOCATION_ St. Petersburg, Florida

COMPLETED/CONSTRUCTION/COMPETITION_ Completed

PRIZES AND ACKNOWLEDGEMENTS_

COLLABORATORS_


As a memorial dedicated to the fallen officers of the St. Petersburg police, this project creates a quiet reflection place for the public. The granite and metal panels stand as a permanent remider of the sacrifices made by those who gave everything while serving their community.


Heroes of the
St. Petersburg
Police

# Holy Family Catholic Church renovation_

NAME OF THE PROJECT_ Holy Family Catholic church renovation

DATE_ 2011-2014

PROGRAM_ Public building

CLIENT CONTACT_ Diocese of St. Petersburg

ASSOCIATED_ Hayes/Cummings

ORIGINAL SCHEDULE VS REAL SCHEDULE_

SIZE_ 14.000 sq ft

LOCATION_ St. Petersburg, Florida

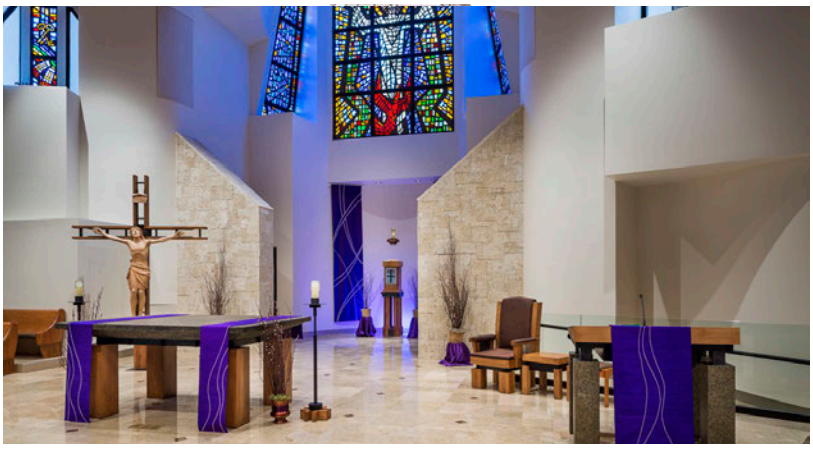
COMPLETED/CONSTRUCTION/COMPETITION_ Completed

PRIZES AND ACKNOWLEDGEMENTS_

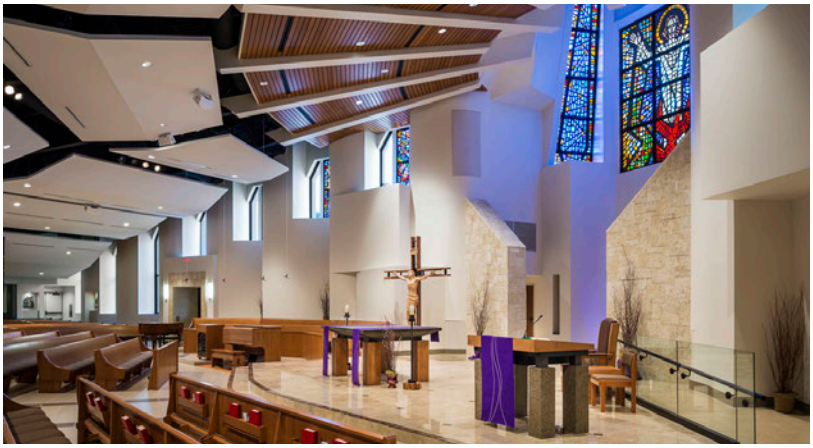
COLLABORATORS_

This complete interior renovation of the church consisted of replacement of mechanical and electrical systems, new pews, new lighting, and an expanded sanctuary.  The acoustics of the interior will be improved dramatically.

A new baptismal font was created at the center of the seating area to provide a focal point and symbolic place of unity for the conregation.



Interior view



Interior view

# Shor Grill_

NAME OF THE PROJECT_ Shor Grill

DATE_ 2011-2014

PROGRAM_ Hospitality and food services

CLIENT CONTACT_ Hyatt hotels

ASSOCIATED_ Hayes/Cummings

ORIGINAL SCHEDULE VS REAL SCHEDULE_

SIZE_ 1.860 sq ft

LOCATION_ Key West, Florida.

COMPLETED/CONSTRUCTION/COMPETITION_ Completed

PRIZES AND ACKNOWLEDGEMENTS_

COLLABORATORS_

This project consisted of renovating the interior of the cafe to create a new 1,050 s.f. dining experience. Work included replacement of all interior finishes and elements, furniture, fixtures and replacement of all kitchen and bar equipment was accomplished as well. The exterior seating areas adjacent to the cafe and the boardwalk decking was also replaced; along with miscellaneous structural repair/ replacement of the boardwalk to the marina.

Interior view

Interior view

# Projects by use from Hayes | Cummings_

# Educational_

Fkcc marina and north campus master plan

**Program**
Master site plan and marina

**Client**
Doug Pryor

**Area**
553.212 sq ft

**Cost per sq ft (direct cost)**
U$2.07

**Location**
Key West, Florida, USA

Florida Keys community college

**Program**
Art Laboratory

**Client**
Florida Keys community college

**Area**
28.370 sq ft

**Cost per sq ft (direct cost)**
U$2.07

**Location**
Key West, Florida, USA

Tampa Catholic science & technology building

**Program**
Library and technology building

**Client**
Tampa Catholic College

**Area**
17.468 sq ft

**Cost per sq ft (direct cost)**
U$99

Florida Keys community college student housing

**Program**
Student housing

**Client**
Florida Keys community college

**Area**
40.261 sq ft

**Cost per sq ft (direct cost)**
U$120

**Location**
Key West, Florida, USA

Eckerd College Floating student center

**Program**
Student center

**Client**
Eckerd College

**Location**
St. Petersburg, Florida, USA

# Public buildings_


Heroes of the St. petersburg police memorial

**Program**
public space

**Client**
Heroes of the St. Pete Police, Inc.

**Area**
354 sq ft

**Cost per sq ft (direct cost)**
U$241

**Location**
St. Petersburg, Florida, USA

Holy Family catholic church renovation

**Program**
Church

**Client**
Diocese of St. Petersburg

**Area**
14.000 sq ft

**Cost per sq ft (direct cost)**
U$120

**Location**
St. Petersburg, Florida, USA

Tampa Catholic Chapel

**Program**
Church

**Client**
Diocese of Tampa

**Area**
4.200 sq ft

**Cost per sq ft (direct cost)**
U$213

**Location**
Tampa, Florida, U.S.A.

Lake Pasadena fire station no. 9
addition & alterations

**Program**
Fire station

**Client**
St. Petersburg government

**Area**
9.344 sq ft

**Cost per sq ft (direct cost)**
U$90

**Location**
St. Petersburg, Florida, USA

St. Anthony hospital new convent

**Program**
Hospital

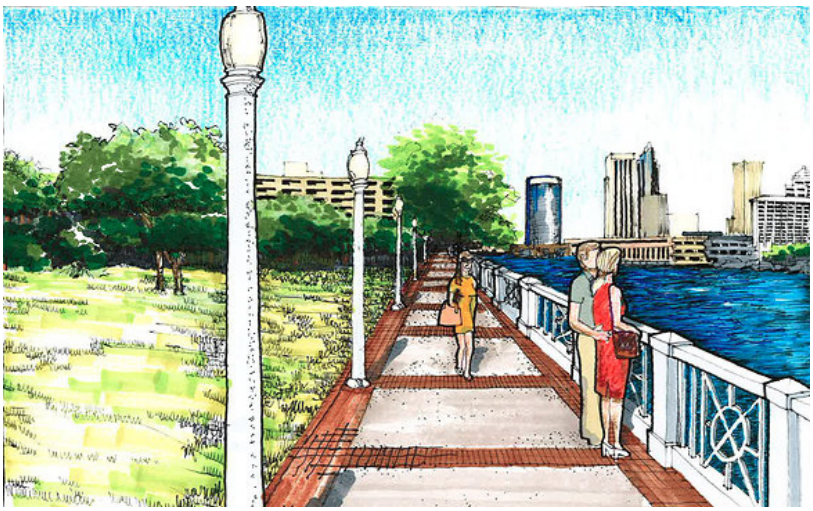
**Client**
St. Anthony hospital

**Area**
14.000 sq ft

**Cost per sq ft (direct cost)**
U$120

**Location**
St. Petersburg, Florida, USA

# Public space_



Davis Islands visioning & corridor analysis
*Competition*

**Program**
Urban design and street scape

**Location**
Davis Islands, Florida, USA

Timber Pines centre

**Program**
Public space, retail, office, living


**Client**
John B. Goodman Ltd.

**Area**
64,820 sf retail /31,400 sf office
86,300 sf assisted living

**Cost per sq ft (direct cost)**
U$28

**Location**
Spring Hill, Florida, USA

# Team curriculum vitae_

Giancarlo Mazzanti
Architect
El Equipo de Mazzanti

*Education*
Bachelor of Architecture, 1987
Pontificia Universidad Javeriana, Bogota, Colombia. Postgraduate in Architecture history and theory, and Industrial design, 1991
University of Florence. Italy

*Working experience*
Master degree professor at Princeton University, New Jersey, New York - 2012
Latin American Studies program professor at Princeton University, New Jersey, New York - 2012
Bachelor professor at Universidad Jorge Tadeo Lozano, Bogota, Colombia - 2012
Thesis director at Universidad de Los Andes, Bogota, Colombia - 2013
Bachelor professor at Pontificia Universidad Javeriana, Bogota, Colombia – 2013
Master degree professor at Graduate School of Design Harvard University, Boston, Massachussets – 2014

*Awards*
Winner of the XX Colombian Architecture Biennial in the category of public space, Colombia – 2006
Winner of the Ibero-American Biennial in the category of Best Architectonic Work, Lisbon, Portugal – 2008
Winner of the Panamerican Architecture Biennial in the category of Architectonic design, Quito, Ecuador – 2008
Winner of the Lapiz de Acero Prize in the category of best architectural work - 2008
Winner of the Global Award for Sustainable Architecture, Paris, France – 2010
Chosen for the MOMA permanent collection exhibit. New York, U.S.A. -2010
Winner of the Colombian Biennial, Bogota, Colombia - 2012
Name as one of the 10 most innovative architecture firms by Fast Company - 2013

*Expositions*
One of the 35 projects chosen in the Mies Van der Rohe Americas Prize, Chicago, U.S.A. – 2014
Playgrounds exposition. Museo Nacional Reina Sofia, Madrid, España – 2014
Reenchant the World exposition. Cité de l´Architecture, Paris, France – 2014
The Void exposition. The Solomon Guggenheim Museum, New York, U.S.A. – 2010

*Lectures*
- Invited speaker at Università di Roma, Italy
- Invited speaker at Ping Pong de Domus Milano, Italy.
- Invited speaker at Politecnico di Milano, Italy.
- Invited speaker at Harvard University, USA.
- Invited speaker at Cornell University, USA.
- Invited speaker at Strelka Institute, Moscú, Rusia.
- Invited speaker at FestArch magazine Abitare, Italy
- Invited speaker at Instituto Cervantes, Chicago, USA.
- Invited professor to the summer workshop at Florida University, Gainsville, USA.
- Invited speaker at Princeton University, USA.
- Invited speaker at Yale University, USA.
- Invited speaker at CCA (Centre Canadien d'Architecture), Canada.
- Invited speaker at Ryerson University, USA.
- Invited speaker at Pratt Institute, USA.
- Summer proffesor at Universidad de Venecia, Italy
- Invited speaker at Columbia University NYC, USA.
- Invited speaker at Berkeley University, California, USA.
- Invited speaker at University of Miami, USA.
- Invited speaker at Universidad de Monterrey, Mexico.
- Invited speaker at Universidad de Buenos Aires, Argentina.
- Invited speaker at Universidad Católica de Chile, Chile.
- Invited speaker at Colegio de Arquitectos de Panama, Panama.
- Invited speaker at taller internacional de Arquitectura de Cartagena.
- Invited speaker at Universidad Católica, Lima Peru.
- Invited speaker at Universidad Palma, Lima, Peru.
- Invited speaker at University of Texas, Austin, USA.
- Invited speaker at Cité de la Architecture, Paris - France
- Invited speaker at Texas University, Dallas, USA.
- Invited speaker at Más por Menos, Pamplona, Spain
- Invited speaker at Universidad de La Republica, Montevideo, Uruguay

*Relevant projects*
-Proyecto Polideportivo Bosque de La Esperanza Fundacion Pies Descalsos (shakira) | Soacha, Colombia
-Pies Descalzos School | Cartagena, Colombia
-El Porvenir Kindergarten | Bogotá - Colombia
-Timayui y La Paz Kindergarten | Santa Marta, Colombia
-Public Library Park Spain | Medellín, Colombia
-Library park Leon de Greiff| Medellín, Colombia
-Plaza Mayor Convention Center | Medellín, Colombia
-Four Sport Scenaries for Southamerican Games | Medellín, Colombia
-School prototype system | Bogotá, Colombia
-Parque cultural del Caribe y Museo del Caribe | Barranquilla, Colombia
-Parque tercer Milenio | Bogotá, Colombia
-Transmilenio pedestrian bridges structure | Bogotá, Colombia
-Prototype kindergarten system | Bogotá, Colombia

-Master Plan Parque Nacional Olaya Herrera | Bogotá, Colombia
-Chairama SPA | Bogotá, Colombia
-Biblioteca José Vasconcelos| México D.F
-Parque Tulio Ospina | Medellín, Colombia
-Parque la Aurora | Bogotá, Colombia
-Parque Lineal Rio Fucha | Bogotá, Colombia
-Museo de Arte Moderno | Barranquilla, Colombia
-Plan Maestro y espacio público de Usaquén | Bogotá, Colombia

*Publications*
(more than 700 national and international publications)
Revista Abitare - Italia
Revista A+U - Japón
Revista Space - Corea
Revista Architecture & Culture – China
Revista Arquine - Mexico
Revista Achitectural Digest - Rusia
Revista Domus - Italia
Revista Home Rewiew – India
Revista Icon - Inlaterra
Revista Mark Magazine – Holanda
Revista Metalocus - España
Revista Monitor – Rusia
Revista Wallpaper - Inglaterra
Revista Pasajes - España
Periódico China Times - China
Periódico New York Times - USA
Periódico el Tiempo - Colombia
Atlas de Arquitectura Mundial Tomo I Phaidon - Inglaterra

Andrew Hayes
Architect
Hayes | Cummings

*Education*
Bachelor degree architecture. Hawai University, 1992
Comm. College of the Air Force Associate of Science, 1985

*Working Experience*
hayes|cumming architects pa 2006 - present ruyle.
hayes+jennewein architects pa 2001 - 2006
Hayes Architects, Inc. 1998 – 2001
Scott Partnership Architecture, Inc. 1995-1998
Lewis Ingleson, AIA, Architect, Ltd. 1991-1995

*Affiliations*
American Institue of Architects-Florida 2015, President, 2014 President-elect
Grand Central Business District 2013 & 2012, President
St Petersburg Museum of History 2012, Vice President
Pinellas Metropolitan Planning Org. 2011-2010, Citizens Advisory Board
2010 President; AIA Tampa Bay
2010-2008, President, MLK Business District
2005-1991, Florida Air National Guard
1990-1982, United States Air Force

*Lectures*
2010 St Petersburg Centennial Waterfront Parks Vision for 100 years into the Future, Speaker
2010 Florida Planning Assoc. - Annual Convention New Planning Initiatives by AIA Tampa Bay
2014 Florida Dept of State - Florida Main Street Energizing Main Street through Wayfinding

*Relevant projects*
-Tampa catholic High School Master Plan and New Buildings
-Florida Keys Community College - Marina and North Campus Master plan
-St. Petersburg Catholic High School Master Plan
-Timber Pines Centre Master plan and retail center
-Paradiso Village and Town center
-Florida Keys Community College Student housing
-FKCC Campus Wide repair and repaint
-Florida Alzheimer Center and Research Institute
-St. Petersburg / MLK Bussiness corridor Wayfinding analysis
-David Islands visioning and corridor analysis

Juan Manuel Gil
Architect
El Equipo de Mazzanti

*Education*
Universidad del Valle, Architecture faculty, Cali, Colombia 2004

*Working experience*
-Giancarlo Mazzanti (Bogotá, Colombia)
-DBA Arquitectos (Bogotá, Colombia)
-Arias, Serna y Saravia s.a. (Bogotá, Colombia)
-RIR Arquitectos (Bogotá, Colombia)
-Colonnier y Asociados (Ciudad de Mexico – Mexico)

*Relevant projects*
-Parque Biblioteca España, Medellin - Colombia
-Parque Biblioteca Leon de Greiff, Medellin - Colombia
-Restaurante 14 Inkas, Bogota - Colombia
-Plaza de Mercado, Transmetro - Barranquilla - Colombia
-Colegio Publico Gerardo Molina, Bogota - Colombia
-Colegio Publico Lituania Ebenezer, Bogota - Colombia
-Edificio de Departamentos Habitar 7.2, Bogota - Colombia
-Trump Ocean Club, Ciudad de Panama - Panama
-Conjunto Residencial Balcones de Payande, La Vega (Cund.) – Colombia
-Edificio Velasco, Ciudad de Mexico - Mexico
-Edificio Capital, Guadalajara - Mexico
-Edificio Insurgentes 1460, Ciudad de Mexico - Mexico
-Edificio Torre del Angel, Ciudad de Mexico - Mexico
-Jardines Infantiles Timayui y la Paz Santamarta – Colombia
-Jardin Infantil Soledad, Soledad (Atla) – Colombia
-Polideportivo Bosque de la Esperanza, Soacha - Colombia
-Colegio Lomas del Peye Cartagena - Colombia
-Aeropuerto Inter. Benito Juarez – Term. 2, Ciudad de Mexico – Mexico
-Casa R+R, Bogota - Colombia
-Club 464, Bogota - Colombia
-Casa para la F.A.C., Bogota - Colombia
-Edificio Residencial Torre Acqua 1, Ciudad de Panama - Panama
-Centro de investigaciones Marinas Invemar, Santa Marta – Colombia
-Facultad de artes Universidad Javeriana, Bogota – Colombia
-Pabellon verde Plaza Mayor, Medellin – Colombia
-Centro de Convenciones Puerta de Oro, Barranquilla – Colombia

Eugenia Concha
Architect
El Equipo de Mazzanti

*Education*
-Taller "arquitectura, museografía y programación" Talleres de formación ACERCA, AECID (2012)
-Beca de formación en gestión cultural y patrimonio para el desarrollo AECID, MAEC (2013)
-Curso de posgrado de especialización "Cooperación para el desarrollo de Asentamientos Humanos en el tercer mundo" ICHAB, cátedra UNESCO, UPM (2011)
-Voluntariado: cooperación y acción humanitaria. Coordinadora ONG para el desarrollo-España (2011)
-Curso teórico de arquitectura dirigido por el catedrático Juan Herreros (UIMP) (2010)
-Curso de Agua y Saneamiento en proyectos de emergencia y cooperación al desarrollo (UAH)(2010)
-Arquitecta con honores (Sobresaliente) por la ETSA Madrid, UPM Proyecto fin de carrera tutelado por Juan Herreros (2008)
-Taller "sistemas de energía solar fotovoltaica aplicado a la planificación urbana" (UPM) (2007)
-Taller "vivienda y espacio doméstico en el siglo XXI" (2007)
-Curso "arquitectura efímera de la ciudad" (UPM) (2007)
-Año Erasmus en KTH Estocolmo, Suecia (2005)
-Escuela Técnica Superior de Arquitectura de Madrid (ETSAM - UPM), España
-Licenciatura de Arquitecto Superior (equivalencia de Bolonia a Máster) (2008)

*Prizes and Acknowledgments*
-Concurso de fotografía: "habitat: miradas, arquitectura y cooperación" 1er premio. (2010)
-Exposición del Proyecto Fin de Carrera en la embajada española en Liubliana, Eslovenia. (2010)
-Publicación en el libro: proyectos fin de carrera aula PFC (2010)
-1er premio nacional "Alejandro de la Sota" al mejor Proyecto Fin de Carrera 2008-09 (2009)
-Concurso Proyecto Fin de Carrera del colegio de arquitectos de Almeria. Finalista. (2009)

*Expositions*
Museo Reina Sofía (Madrid) - Exposición Playgrounds (2014)

*Relevant projects*
-Museo de Arte Moderno Barranquilla 2014
-Universidad de Los Libertadores Cartagena 2014
-Universidad de Los Libertadires Bogota 2013
-Competition IB College 2014
-Competition Panamericana University 2014
-Programa Patrimonio para el Desarrollo, Oficina Técnica de Cooperación AECID en Bolivia 2012-13

-Proyecto básico de ampliación del Museo Nacional de Arte de La Paz, Bolivia
-Centro Cultural de España en La Paz (CCELP), Bolivia, 2011-12
-Diseño del mobiliario del CCELP y supervisión de su construcción 2011
-Dirección y supervisión de las obras de remodelación y acondicionamiento del CCELP 2011
-Proyecto básico y de ejecución de dos viviendas pareadas. Encargo privado. Majadahonda, Madrid.
-Prototipo industrializado para un rocódromo. Encargo privado. Hoyo de Manzanares, Madrid.2011
-Proyecto de ejecución y diseño de interiores de una residencia de estudiantes en Trondheim, Noruega 2009
-Hospital pediátrico en el campus del hospital de Bathallapalli. Anantapur, India.2009
-Auditorio en el campus del hospital de Bathallapalli. Anantapur, India.2009
-Viviendas (apartamentos, residencia de enfermeras) en diferentes campus en Andra Pradesh, India. 2009
-Ampliación del laboratorio en el hospital de Bathallapalli. Anantapur, India.2009
-Farmacia en el campus del hospital de Bathallapalli. Anantapur, India.2009
-Centro cultural en Kaliandurg. Andra Pradesh, India. 2009
-Edificio de las cortes del Campus de la Justicia. Madrid, España.2008
-Edificio Social del Campus de la Justicia. Madrid, España 2008
-Colegio. Almadén, España. 2007
-Centro autonómico para gente discapacitada y sus familiares. Jaen, España.2007
-Residencia de personas mayores. Sonseca, Toledo, España.2006

Carlos Medellin
Architect
El Equipo de Mazzanti

*Education*
Architect, Universidad de los Andes, Bogotá (2010)
Strelka Institute for Media, architecture and design Postgraduate, Moscú, Research diploma (2012)

*Working Experience*
El Equipo de Mazzanti, chief of concept and competitions, 2009 until today.
Universidad Javeriana. Adjunt Teacher, 2012 to present
Design Exhibition "We Play, They Play". 2012
Strelka Institue for media, architecture and design. Research to develop a city guide to Moscow "Moscow Rules". Research for a public space installation "Urban Porn" 2012
Sao Paulo Calling. Co-Curator, developing the exhibition "Medellin towards social and political balance "to an international forum.
SENSEABLEcity Lab Co-investigator, researching on "Para-Sights" for SENSEABLEcity, Moscow, MIT Press, Cambridge 2012
University of the Andes, assistant professor "Graduation Project". 2010-2011
Gilberto Alzate Avendaño, Co-Investigator - "Bicentennial Chair" Bogota 2010.
House Ithaca, interior design development at a bookstore home Guasca, Cund.

Publications and Awards
- Winner of architecture competitions with El Equipo de Mazzanti.
Santa Fe University Hospital
Extension Foundation.
New Velodrome City Bogota Medellin, Medellin
University Office Los Libertadores, Cartagena
- Scholarship to study a postgraduate research in progmmme led by OMA and AMO in Russia. 2011
- Moscow Rules, surviving Moscow, Strelka Institute. Moscow, Russia. 2012
- Research ParaCities, Breaking taboos for an urban renewal, Strelka Institute. Moscow Russia. 2012 - ParaSights, SENSEable City Moscow guide. MIT Press. Cambridge, USA. 2012
- Bogota Celebrates Bicentennial. Fundación Gilberto Alzate Avendaño. Bogota, Colombia. 2010
- Plasticiudad Fantasticiudad, Universidad de los Andes. Bogota, Colombia. 2010

Juana Salcedo
Architect-
Environmental
designer
El Equipo de Mazzanti

*Education*
-Master of Environmental Design, Yale University (Thesis: Urbanism and urban planning in the great Amazon. The Transformation of the Venezuelan Guayana) 2013
-B.A in Architecture, Universidad de Los Andes, Bogota, Colombia B.A in History, Universidad de Los Andes, Bogota, Colombia 2002-2010

*Professional Experience*
El Equipo de Mazzanti

*Exhibitions*
Editorial and Research Assistant of the exhibition CASA+CASA=CIUDAD? Germán Samper. Una investigación enVivienda, Universidad de Los Andes. Link: http://viviendagermansamper.uniandes.edu.co/
(Awarded with the second prize at the XXIII Quito Biennale. Category Theory, History and Criticism of Architecture, Urbanism and Landscape, 2012.)

-Editorial, Research and Curatorial Assistant of the project Le Corbusier in Bogota 1947-1951, Universidad de Los Andes. Link: http://www.lecorbusierenbogota.com/ Jan. 2009- Sep. 2010
(Project awarded with the first prize at the XXII Colombian Biennale of Architecture. Category Publications and Communication).

*Relevant Projects*
-Apartment 82 St., Renovation. Area: 220 sm., Bogota, Colombia. 2013
- House "El Jardín." Area: 300 sm., Tenjo, Colombia. Contractors: SyG Arquitectos. 2009-2011

*Grants and Honors*
Awarded with the Everett Victor Meeks Graduate Fellowship in recognition of academic excellence. 2014
Travel Grant, Council of Latin American and Iberian Studies, Yale University. 2012
Grant for Graduate Studies, Colfuturo, Colombia.2011
Young Researchers and Innovators Fellowship "Virginia Gutiérrez de Pineda," National Department of Science and Technology (Colciencias) and Universidad de Los Andes. 2010
First Honorable Mention, IX Annual of Students of Architecture, Colombian Society of Architects for the B.A. thesis: "New Architecture in Conservation Areas in Bogota." 2009
Honor's B.A. thesis in Architecture, Universidad de Los Andes. 2009

*Publications*
-"Panorama de la vivienda y la ciudad en el siglo XX,"
-Bermudez and Eugenia Gaviria) Link: http://viviendagermansamper.uniandes.edu.co/pdf/libro_GSamper.pdf
- "Autoconstrucción dirigida, Vivienda productiva y ejercicios sobre la densidad,"
-"Las grillas CIAM y MARS en el Plan Piloto de Bogotá, 1950-1951,"

Sebastian Negret
Architect-Engineer
El Equipo de Mazzanti

*Education*
Bachillerato en el Colegio Helvetia  Bogotá - Colombia (2001)
Arquitectura en la Universidad de Los Andes, Bogotá (2008)
Magister en técnología de la arquitectura, diseño estructural en la Universidad Politécnica de Catalunia Catalunia, Spain (2012)

*Working Experience*
- Structures proffesor Universidad de Los Andes (En curso)
- CNI Ingenieros, Bogota, Colombia
- Mazzanti Arquitectos, Bogota, Colombia

*Prizes and Acknowledgments*
- Mención en la XXI Bienal colombiana de arquitectura por el proyecto CATARSIS, desarrollado por el núcleo de investigación de La Universidad de los Andes. Bogotá, Colombia (2009)

*Lectures*
-Pregrad invited UPC, Tecnología Ferrocemento (2012)

*Relevant projects as an structural engineer*
- Capilla Gimnasio Campestre Bogotá, Colombia (2012)
- Edificio Universidad Ciudad, Universidad Javeriana Bogotá, Colombia (2013)
- Hospital de Villavicencio, Colombia (2013)
- Nuevo Velódromo de Medellín, Colombia (2013)

*Relevant projects as an architect*
- Ampliación Fundación Santa Fé de Bogotá, Colombia (2014)
- Parque educativo Marinilla, Antioquia, Colombia (2013-2014)

*Architecture competitions*
- Concurso Coliseos para los juegos Suraméricanos, Medellín, Colombia (2011)
- Concurso IB College Colegio Anglo Colombiano (2014)

*Publications*
- Revista DeArq Universidad de Los Andes (2009)

Alexander B. Smith
BIM manager /
Technical support
Hayes | Cummings

*Education*
MArch. Master in Architecture. 2009
University of South Florida. School of Arch + Community Design

*Working Experience*
Hayes Cumming Architects P.A.  St. Petersburg, Florida
2013/14 – Associate Director, AIA Tampa Bay, 2014 City of St Petersburg – Bicycle Pedestrian Advisory Committee, 2008-09 USF Faculty Senate

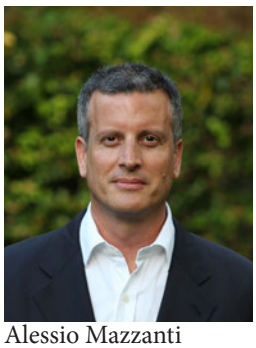
*Relevant Projects*
-Campus Master Plan – Tampa Catholic High School
-City of St Petersburg - Alterations to Osprey Roost Environmental Educ. Center
-New Marine Technology Building – Florida Keys Community College
-Heroes of the St. Petersburg Police Memorial
-Seminole Park Master Plan – Historic Kenwood

Laura Jaramillo
Biologist
El Equipo de Mazzanti

*Education*
Magíster en Economía del Medio Ambiente y Recursos 2002 – 2005
Naturales (PEMAR). University of Maryland y Universidad de los Andes, Bogotá, Colombia.
Bióloga 1996 – 2001
Universidad de los Andes, Bogotá, Colombia
Bachiller Ciencias Naturales 1981- 1995
Colegio Columbus School, Medellín, Colombia

*Working Experience*
Mazzanti & Arquitectos SA Febrero Gerente Administrativa Bogotá, Colombia 2013 – ongoing
Fundación Alejandro Ángel Escobar Directora Bogotá, Colombia Julio 2011 – Noviembre 2012
Fundación Alejandro Ángel Escobar Directora encargada Bogotá, Colombia Agosto 2010 – Julio 2011
Almacén Casa Púrpura Socia Fundadora Junio 2007 – Mayo 2010
Fundación Alejandro Ángel Escobar Asistente de Dirección Junio 2004 – Noviembre 2006
Coordinadora Fondo Colombia Biodiversa Bogotá, Colombia

# Advisors curriculum vitae_



Alessio Mazzanti
Bussiness manager
Latam Investment banking
*Resource manager*

*Education*
-Kellogg School of Management, Executive Management Program, Kellogg Alumni, 2010
-Harvard Business School, Executive Education, Strategy and Innovation, 2005
-London School of Economics, Diploma in Economics, London, UK, 1995
-MBA, Universidad de los Andes, Bogota, Colombia, 1991
-Civil Engineering Degree, Universidad de los Andes, Bogota, Colombia, 1987
-Licensed Representative: Series 7 and Series 63

*Working Experience*
-LATAM investment banking. Ongoing
-PAF SECURITIES, LLC, Miami, FL • 2005-2011
-SANTO DOMINGO GROUP, Miami, FL • 2001-2005
-VIOLY, BYORUM & PARTNERS, LLC, New York, NY & Bogota, Colombia 1996-2001

Nicolas Paris
Artist - Social Researcher

*Solo Exhibitions*
-ROOM FOR US. Kadist Art Foundation. Paris, France. 2013
-RESISTANCE EXERCISES. Contemporary Art University Museum MUAC. Mexico D.F, Mexico. 2012
-UNLEARN. Luisa Strina Gallery. Sao Paulo, Brazil.
2010
-INTERACTION METHOD * RANDOM ORDER. LABOR. Mexico D.F, Mexico. 2009
-CLASSROOM. Museum of Modern Art of Medellin MAMM. Medellin, Colombia. (On going)
-RESISTANCE EXERCISES. Zona Maco Sur. Mexico D.F, Mexico. 2008
-AS SIMPLE AS A LINE OR A CIRCLE (with Ignacio Uriarte). LABORATORY 987. MUSAC. Leon, Spain.
-TWOFOLD. Public Library ¨El Tintal¨ Manuel Zapata Olivella. Bogota, Colombia.
-TWOFOLD. Valenzuela Klenner Gallery. Bogota, Colombia.

*Group Exhibitions*
2014
-AN INFINITE CONVERSATION. The Berardo Collection Museum. Lisbon, Portugal.
-THE PEACOCK. Grazer Kunstverein. Graz, Austria.
-AUTODESTRUCCION4: DEMOLICIÓN (invited by Abraham Cruzvillegas). Thomas Dane Gallery. London, England.
-A PAUSE FOR REFLEXION. MUSAC. Leon, Spain.
2013
-SABER DESCONOCER.43 Salón (inter) Nacional de Artistas. Medellin, Colombia.
-DO IT {travel exhibition}. Manchester International Festival at Manchester Art Gallery. Manchester, England.
-APOSSIBILITY OF ESCAPE STORMING THE REALITY STUDIO AND RETAKING THE UNIVERSE. EACC. Castello, Spain.
-DO IT (outside). Socrates Sculpture Park. New York, USA.
-NEW LINKS. Hacienda la Trinidad Parque Cultural. Caracas, Venezuela.
-UNTAPPED CAPITAL, IDEAS CITY Festival. New Museum. New York, USA.
-DON'T BLAME ANYONE. CCS Bard Hessel Museum of Art. Annandale-on-Hudson/NY, USA.
-WHEN ATTITUDES BECAME FORM BECOME ATTITUDES {travel exhibition}. Museum of Contemporary Art. Detroit, USA.
2012
INTER-CITY PAVILLIONS (BOGOTA). 9th Shanghai Biennale. Shanghai, China.
WHEN ATTITUDES BECAME FORM BECOME ATTITUDES. CCA Wattis Institute. San Francisco, USA.
THE IMMINENCE OF THE POETICS. 30th Sao Paulo Biennale. Sao Paulo, Brazil.
INDUSTRIAL PARK. Luisa Strina Gallery. Sao Paulo, Brazil.

-THE UNGOVERNABLES. New Museum Triennial. New York, USA.
-MUMO Mobile Museum. Mobile exhibition for children supported by UNESCO. Travels throughout France and Africa.2011
-THE AIR WE BREATHE. SFMOMA. San Francisco, USA.
-MODIFY, AS NEEDED. MOCA North Miami. Miami, USA.
-PARAPATETIC SCHOOL Drawing room. London, England. Travel to MIMA. Middlesbrougt, England.
-A TERRIBLE BEAUTY IS BORN. 11th Biennale de Lyon. Lyon, France.
-ILLUMInations. International exhibition 54th Venice Biennale. Venice, Italy.
-MARALOTO. Museum Banco de la República. Bogota, Colombia.
-ALÉM DA BIBLIOTECA. Museum Lasar Segall. Sao Paulo, Brazil.
-FAT CHANCE TO DREAM. MaisterraValbuena Gallery. Madrid, Spain.
-AN OTHER PLACE. Lelong Gallery. New York, USA.
-DES(ENHO). Casas Reigner Gallery. Bogota, Colombia.
-YOU US. CCE/G. Guatemala City, Guatemala.
-THE DRAUGHTSMAN'S CONTRACT. Carlos Garaicoa Open Studio 5.0. Madrid, Spain.2010
-VANISHING POINTS, POSSIBLE ARCHITECTURES. Ibero-american Biennial of Architecture. Medellin, Colombia.
-MODEL KITS. MUSAC. Leon, Spain.
-PANAMERICANA. kurimanzutto. Mexico D.F, Mexico.
-TENTATIVE D´EXPANSION D´UN LIE PARISIEN. Mor Charpentier Gallery. Paris, France.
-MEETING AREAS. Ignacio Liprandi Gallery. Buenos Aires, Argentina. 2009
-GRITO E ESCUTA: 7th BIENNIAL OF MERCOSUR. Porto Alegre, Brazil.
-HOUSE OF APPOINTMENTS. Museum of Antioquia. Medellin, Colombia.
-ASYMMETRIES AND CONVERGENCES. Vermelho Gallery. Sao Paulo, Brazil.
-VAMOS. Nueveochenta Gallery. Bogota, Colombia. 2008
-URGENT CALI: 41 SALÓN NACIONAL DE ARTISTAS. Cali, Colombia.
-ONE PLUS ONE, CROWD. Domestico. Madrid, Spain.
-BIS_08. Ibero-american Biennial of Design. Madrid, Spain.
-EDGES AND ENDS. Casa del Encuentro, Museum of Antioquia. Medellin, Colombia.
-ARTIST BOOK. International Book Fair. Bogota, Colombia.
-IMAGIN+A. Museum of Modern Art of Medellin MAMM. Medellin, Colombia. 2007
-ONE COLLECTION. Centro Colombo Americano. Bogota, Colombia.
-RECYCLE. Projects VK. Bogota, Colombia.
-COLLECTIVE. Valenzuela Klenner Gallery. Bogota, Colombia.2006
-TOPOLOGY: FIELD IN TRANSIT. Salon de Arte BBVA. Museum Casa de Moneda. Bogota, Colombia.
-KROMATICA. Laduarte Gallery. Bogota, Colombia.
-PROCESOS DE INTERCAMBIO Y CONVERSIÓN. Project Room ASAB, Academy of Fine Arts. Bogota, Colombia.
-N.N. El Garaje Gallery, Bogota, Colombia. 2005
INVISIBILITY. Good man Duarte Gallery. Bogota, Colombia.

PARAPATETIC SCHOOL {travel exhibition}. Museum Banco de la República. Bogota, Colombia.
-THE UNGOVERNABLES. New Museum Triennial. New York, USA.
-MUMO Mobile Museum. Mobile exhibition for children supported by UNESCO. Travels throughout France and Africa.
2011
-THE AIR WE BREATHE. SFMOMA. San Francisco, USA.
-MODIFY, AS NEEDED. MOCA North Miami. Miami, USA.
-PARAPATETIC SCHOOL Drawing room. London, England. Travel to MIMA. Middlesbrougt, England.
-A TERRIBLE BEAUTY IS BORN. 11th Biennale de Lyon. Lyon, France.
-ILLUMInations. International exhibition 54th Venice Biennale. Venice, Italy.
-MINI. El Garaje Gallery. Bogota, Colombia. 2002
-IDEOGRAPHIC. Project Room, Los Andes University. Bogota, Colombia.

*Pedagogical projects*
2014
-ROOM FOR US. Kadist Art Foundation. Paris, France.
-STUDY FOR PEDAGOGYCAL MATERIAL.43 Salón (inter) Nacional de Artistas. Medellin, Colombia.
2012
-PEDAGOGICAL DIAGRAMAS OR ARCHITECTURE FOR BIRDS. 30th Sao Paulo Biennale. Sao Paulo, Brazil.
-RESISTANCE EXERCISES. Contemporary Art University Museum MUAC. Mexico D.F, Mexico.
2012 - 2013
-RADICAL LEARNING. New Museum Triennial. New York, USA.
-RESISTANCE EXERCISES. Contemporary Art University Museum MUAC. Mexico D.F, Mexico.
2011
- HISTORY OF EXPANDABLE PARTS / DIAGRAM OF ONTERACTION. MODIFY, AS NEEDED. MOCA North Miami. Miami, USA.
-WAITING EXERCICES. MARALOTO. Museum Banco de la República. Bogota, Colombia.
-CLASSROOM: PARTIAL EXERCICES. ILLUMInations. 54th Venice Biennale. Venice, Italy.
2010
-RESISTANCE EXERCISES. La Galería de Comercio. Mexico City D.F, Mexico.
2009 - 2011
-CLASSROOM. Museum of Modern Art of Medellin. Medellin, Colombia. (On going)
2009
-FOLDING ARCHITECTURE. 7th Biennial of MERCOSUR. Porto Alegre, Brazil.
2008
-URGENT CALI: 41 SALÓN NACIONAL DE ARTISTAS. Cali, Colombia.
-AS SIMPLE AS A LINE OR A CIRCLE. LABORATORY 987. Museum of

Contemporary art of Castilla and Leon MUSAC. Leon, Spain.
-EDGES AND ENDS. Casa del Encuentro, Museum of Antioquia. Medellin, Colombia.
-IMAGIN+A. Museum of Modern Art of Medellin. Medellin, Colombia.
-TWOFOLD. Public Library ¨El Tintal¨ Manuel Zapata Olivella. Bogota, Colombia
2005 – 2009
-Asociación La Macarena / Fondo Acción Ambiental Niñez. La Macarena, Meta / Bogota.
2004 / 2005 / 2006
PRANA Incubadoras de Empresas Culturales / Instituto Distrital de Cultura. Bogota.
In the framework of the Apoyos Concertados project, in charge of coaching and conceiving the model to train cultural promoters in the localities of Bogota.
2001 - 2002
-Grupo Spira. Bogota.
2000
-Coordinación Educativa del Ariari / Asociación La Macarena. La Macarena, Meta.

*Grants*
-Artist in residency Fall 2013 – KADIST Paris. Paris, France.
-Artist in residency 2012 – FAAP/30th Sao Paulo Biennale. Sao Paulo, Brazil.
-Museum as Hub residency 2012-2013 – THE UNGOVERNABLES. New Museum Triennial. New York, USA.
-Residency program "Artistas en Disponibilidad" 2009– 7ª Biennial of MERCOSUR. Porto Alegre, Brazil.
-MUSAC Grants 2007/2008 – Museum of Contemporary Art of Castilla and Leon. Leon, Spain.
-BBVA Art Salon 2006 – Acquisition, BBVA Colombia Collection. Bogota, Colombia.
-Fondo para la Acción Ambiental y la Niñez 2005- 2007– Selected Project, Asociación Macarena. La Macarena-Bogota, Colombia.
-Apoyos Concertados. Instituto Distrital Cultura y Turismo de Bogota 2004/2005/2006 – Selected Project, PRANA. Bogota, Colombia.

*Artist Book*
TWOFOLD (DOBLEFAZ). La Silueta editions. First edition 2008 / Second edition 2011.

Javier Perez Burgos
Economist -
Los Andes University

*Education*
PhD. City and Regional Planning, Cornell University, New York, 2008
Master degree Economics, Los Andes University, Bogota, 2006
BA. Historia, Los Andes University, Bogota, 2005
Bachelor degree Economics, Los Andes University, Bogota, 2004

*Working Experience*
2010-Onwards
-Research Assistant Department of City and Regional Planning. Cornell University. Ithaca, NY.
-Transition Towards a Non-fossil Fuel Economy: A Study of Hawaii's Potential as a Hydrogen Dependent Economy. P.I: Kieran Donaghy.
-Economic Impact Assessment in the Gas Drilling Initiative in the Marcellus Shale. P.I.: Kieran Donaghy.
2010- Onwards
-Research Assistant Charles H. Dyson School of Applied Economics and Management. Cornell University. Ithaca, NY.
-Supply-chain analysis of lettuce in the Northeastern States. P.I.: Miguel Gómez.
-2004-2005 Research AssistantDepartamento Administrativo de Ciencia, Tecnología e Innovación - Colciencias.Bogotá, Colombia
-2003-2004 Asistente de investigación Centre of Interdisciplinary Studies for Development - CIDER. Universidad de los Andes. Bogotá, Colombia

*Dissertation*
Title Advances of a Dynamic Spatial Computable General Equilibrium Model: It's Application in Natural Resource Economics
Main Advisor Professor Kieran Donaghy
Minor Advisors Professor Susan Christopherson & Assistant Professor Miguel Gomez

*Research and teaching fields*
Regional Science, Natural Resource Economics, Urban Economics, City Planning

*Publications*
-Jablonski, R.; Perez-Burgos, J. and Gomez, M. (2011). Food Value Chain Development in Central New York: CNY Bounty, Journal of Agriculture, Food Systems, and Community Development (JAFSCD), Vol. 1, Issue 4.
-Pérez-Burgos, J. (2006). Bogotápolis: Un estudio sobre la localización del empleo en Bogotá 1992-2003. Revista Desarrollo y Sociedad, No. 57, CEDE, Universidad de Los Andes, Bogotá, Primer Semestre.
-Perez-Burgos, J., and K. Donaghy. A Regional Economic Impact Analysis of Natural Gas Extraction in the Marcellus Shale. Paper presented at the North American Meetings of the Regional Science Association International-NARSA, November 7-11, Ottawa, Canada, (2012).
-Perez-Burgos, J., M. Gomez, and N. Bills. Measuring Agglomeration Economies in the Greenhouse and Nursery Markets in the Northeast: A

Spatial Panel Data Approach.
-Perez-Burgos, J., M. Gomez, L. Albright, and D. de Villers. Is Local per se Really Environmentally Sustainable? A Case Study of Lettuce's Energy Requirements in the American Northeast.
-Donaghy, K.P., T. Friesz, and J. Perez-Burgos Analyzing Short- and Long-Term Impacts of Natural Gas Drilling in the Marcellus Shale with a Spatial Dynamic CGE Model of the Regional Economy. Paper presented at the North American Meetings of the Regional Science Association International-NARSA, November 10-13, Denver, Colorado, (2010).
-Perez-Burgos, J. To Be or Not to Be. . . Registered? New Firm-Level Informality Evidence from Colombian Cities. Paper presented at the North American Meetings of the Regional Science Association International-NARSA, November 10-13, Denver, Colorado, (2010)
-Perez-Burgos, J. The Location of Jobs in the Developing Metropolis. Paper presented at the Regional Science of the Americas Conference –RSA, Cartagena, Colombia, (2009).


6

Budget Comparison

| | Projected Budget | Real budget | Difference | Variation |
|---|---|---|---|---|
| Tercer Milenio Park | $ 76.411.958 | $ 88.751.066 | $ 12.339.109 | 16,1% |
| Library Spain | $ 4.066.426 | $ 7.576.061 | $ 3.509.635 | 86,3% |
| Four Sports Scenarios | $ 46.511.938 | $ 53.001.003 | $ 6.489.065 | 14,0% |
| Timayui Kindergarten | $ 992.354 | $ 1.091.000 | $ 98.646 | 9,9% |
| Forest of Hope | $ 330.000 | $ 445.000 | $ 115.000 | 34,8% |
| Pies Descalzos School | $ 7.330.106 | $ 8.000.000 | $ 669.894 | 9,1% |

# State of Florida
## Department of State

I certify from the records of this office that HAYES CUMMING ARCHITECTS, P.A. is a corporation organized under the laws of the State of Florida, filed on August 29, 2006.

The document number of this corporation is P06000112834.

I further certify that said corporation has paid all fees due this office through December 31, 2014, that its most recent annual report/uniform business report was filed on January 8, 2014, and its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

***Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twelveth day of June, 2014***

Ken Detzner

***Secretary of State***

**Authentication ID: CU5599018215**

**To authenticate this certificate,visit the following site,enter this ID, and then follow the instructions displayed.**

**https://efile.sunbiz.org/certauthver.html**

CONSEJO PROFESIONAL
NACIONAL DE ARQUITECTURA
Y SUS PROFESIONES AUXILIARES

Titular
GIANCARLO
MAZZANTI SIERRA

**Arquitecto**

C.C.
8.728.366 de Barranquilla

Matrícula Profesional
25700-71000 CND

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

**STATE OF FLORIDA**

**DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

**BOARD OF ARCHITECTURE & INTERIOR DESIGN**

| LICENSE NUMBER |
| --- |
| AR0016166 |

The ARCHITECT
Named below IS LICENSED
Under the provisions of Chapter 481 FS.
Expiration date: FEB 28, 2015

HAYES, ANDREW MICHAEL
2210 CENTRAL AVENUE
SUITE 100
ST PETERSBURG FL 33712

VIVA FLORIDA 500.

ISSUED: 02/04/2014 SEQ # L1402040001752
DISPLAY AS REQUIRED BY LAW

**STATE OF FLORIDA**

**DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

**BOARD OF ARCHITECTURE & INTERIOR DESIGN**

| LICENSE NUMBER |
| --- |
| AA26001260 |

The ARCHITECT CORPORATION
Named below IS CERTIFIED
Under the provisions of Chapter 481 FS.
Expiration date: FEB 28, 2015

HAYES CUMMING ARCHITECTS PA
689 DR MARTIN LUTHER KING JR ST N
STE A
ST. PETERSBURG FL 33701

VIVA FLORIDA 500.

RICK SCOTT
GOVERNOR

ISSUED: 03/02/2013 SEQ # L1303020000731
DISPLAY AS REQUIRED BY LAW

KEN LAWSON
SECRETARY

# State of Florida

# Minority, Women & Florida Veteran Business Certification

## HAYES CUMMING ARCHITECTS

Is certified under the provisions of
287 and 295.187, Florida Statutes for a period from:

01/08/2014 to 01/08/2016

DEPARTMENT OF MANAGEMENT SERVICES

Craig J. Nichols, Secretary
Florida Department of Management Services

Office of Supplier Diversity • 4050 Esplanade Way, Suite 380 • Tallahassee, FL 32399 • (850) 487-0915 • www.osd.dms.state.fl.us

REFERENCES HAYES | CUMMINGS
Florida Keys Community College
New $4.6M Marine Technology Bldg. & Multiple Projects over the last 6 years
Douglas Pryor, Director of Purchasing & Physical Plant Operations
5901 College Road
Key West, Florida 33040
Ph. (305) 809-3184
douglas.pryor@fkcc.edu

Northside Baptist Church
Master Plan, New Fire Sprinklers Reroofing & Interior Alterations
Rev. Tim Kroll
Senior Pastor
6000 - 38th Avenue North
St Petersburg Florida, 33710
Phone: 727.381.3642
Fax: 727.344.1014
timothy.kroll@nbcstpete.com

Catholic Diocese of St Petersburg
Multiple projects over the last 12 years
Richard J. Kolhoff, RA, Executive Director
Catholic Diocese of St Petersburg
Office of Planning & Construction
P.O. Box 40200
St. Petersburg, FL 33743-0200
Ph. (727) 341-6840
rjk@dosp.org

REFERENCES EL EQUIPO DE MAZZANTI

Forest of hope / Pies Descalzos School
Fundación Pies Descalzos
Juan Andres Lemus – Project manager
Calle 85 No.18-32 Of. 401
Bogota, Colombia
Ph. +57(1)6358770 ext 109
juanandres@fundacionpiesdescalzos.com

Modern Art Museum of Barranquilla and Parque Cultural del Caribe
Corporacion Parque Cultural del Caribe
Maria Eulalia Arteta
Director
Calle 36 No. 43-66
Barranquilla, Colombia
Phone: +57 (5) 3720581
comunicaciones@culturacaribe.org

Four Sports Scenarios and New Medellin Velodrome
INDER
Andres Felipe Garcia Betancur
Calle 47D 75-240
Medellin, Colombia
Ph. +57 (4) 2606611-4302900
comunicaciones@inder.gov.co

# ARCHITECT – ENGINEER QUALIFICATIONS

## PART I – CONTRACT SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

**1. TITLE AND LOCATION** *(City and State)*

**St Petersburg Pier – Request for Qualifications**

| 2. PUBLIC NOTICE DATE | 3. SOLICITATION OR PROJECT NUMBER: |
|---|---|
| **August 12, 2014** | |

### B. ARCHITECT-ENGINEER POINT OF CONTACT

**4. NAME AND TITLE**

**Andrew M. Hayes, AIA, LEED AP**

**5. NAME OF FIRM**

hayes | cumming architects

| 6. TELEPHONE NUMBER | 7. FAX NUMBER | 8. E-MAIL ADDRESS |
|---|---|---|
| 727.321.0900 | 727.321.0903 | ahayes@hc-arc.com |

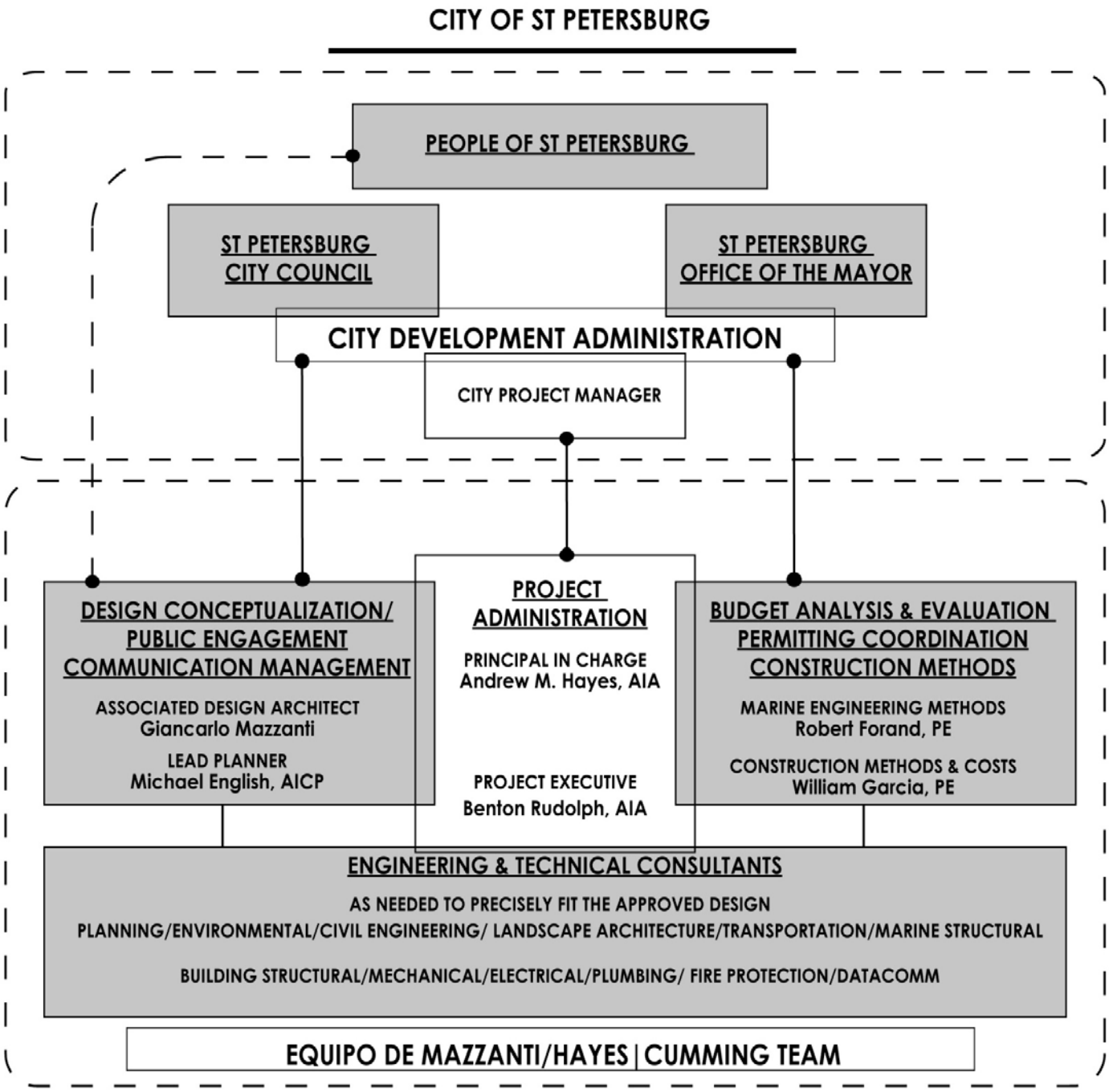
### C. PROPOSED TEAM

*(Complete this section for the prime contractor and all key subcontractors.)*

| | (Check) PRIME | J-V PARTNER | SUBCON-TRACTOR | 9. FIRM NAME | 10. ADDRESS | 11. ROLE IN THIS CONTRACT |
|---|---|---|---|---|---|---|
| a. | X | | | hayes \| cumming architects, p.a. ☐ CHECK IF BRANCH OFFICE | 2210 Central Ave., Ste. 100 St. Petersburg, Florida 33712 | Programming, Planning, Architect-of -Record, LEED Consultant |
| b. | | | X | El Equipo de Mazzanti ☐CHECK IF BRANCH OFFICE | 29th Street, No.6-94 Suite 401 Bogota, Colombia | Associated Design Architect/ Landscape Architect |
| c. | | | X | BBC Engineering, Inc. ☐CHECK IF BRANCH OFFICE | 5405 Cypress Center Drive, Suite 290 Tampa, FL 33609 | Civil Engineering, Planning, Marine Structural Engineering, Transportation Engineering, Construction Methods Engineering |
| d. | | | X | McCarthy & Associates, Inc. ☐CHECK IF BRANCH OFFICE | 2555 Nursery Rd., Ste.101 Clearwater, Florida 33764-1780 | Building Structural Engineering, |
| e. | | | X | Griner Engineering, Inc. ☐CHECK IF BRANCH OFFICE | 1628 1st Ave N, St Petersburg, FL 33713 | Mechanical/Plumbing Electrical, Fire Protection, Communications, Security Engineering |
| f. | | | | • See SF330 Part I. G. ☑ CHECK IF BRANCH OFFICE | | |
| g. | | | | ☐ CHECK IF BRANCH OFFICE | | |

**D. ORGANIZATIONAL CHART OF PROPOSED TEAM** ☒ *(Attached)*

Proposed Project assignments and lines of authority and communication for each team member to be directly involved in the Project are listed below.



## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| | | a. TOTAL | b. WITH CURRENT FIRM |
| **Andrew M. Hayes, AIA** | Principal in Charge | 24 | 8 |

15. FIRM NAME AND LOCATION (City and State)

hayes | cumming architects St. Petersburg, Florida

| 16. EDUCATION *(DEGREE AND SPECIALIZATION)* | 17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)* |
|---|---|
| AAS, Imagery Analysis, 1985 Community College of the US Air Force<br>BArch, Architecture, 1992, University of Hawaii | 2007, Professional Architect, Louisiana<br>1996, Professional Architect, Florida<br>1995, NCARB |

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

2015 President–AIA Florida, 2014 First V.P. and President Elect–AIA Florida, 2012 and 2013 V.P. and Legislative Affairs-AIA-Florida, 2010 President-AIA Tampa Bay, 2010 Director-AIA Florida, Southern Building Code Congress, Reinforced Concrete Steel Institute, National Guard Officer Association of the United States

19. RELEVANT PROJECTS

**a.**

(1) TITLE AND LOCATION *(City and State)*
**New Marine Technology Building - Florida Keys Community College** Key West, Florida

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2011 | 2013 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Principal-in-Charge and Architect of Record** for this 28,370 sf state of the art energy efficient shop and classroom building designed to LEED-NC Silver standards. The building will house the marine technology, marine propulsion, marine welding and marine trades programs at FKCC. The structure is located within a FEMA Velocity Zone that required significant open areas and break away panels at the first floor.

**b.**

(1) TITLE AND LOCATION *(City and State)*
**New Student Housing Building – Florida Keys Community College** Key West, Florida

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2009-2010 | 2011 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Principal-in-Charge and Architect of Record.** This brand new stand alone building houses 100 beds adjacent to the water with beautiful views of the Gulf of Mexico. Solar hot water, energy management systems and recycle areas in all of the units were provided. Other unique energy awareness concepts were employed that included story boards educating the students on 'green' design features of the building The building is located within a FEMA Velocity Zone.

**c.**

(1) TITLE AND LOCATION *(City and State)*
**Renovation of Galbraith Marine Science Laboratories – Eckerd College** St. Petersburg, Florida

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2010 | 2010 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Principal-in-Charge and Architect of Record.** Funded mostly by a grant from the National Science Foundation this project allowed for the upgrade of outdated classroom and laboratory spaces. In order to satisfy the accounting requirements of NSF the drawing packages had to be broken up into three distinct scopes of work. The total scope of work for the facility included exterior envelope improvements with a complete new roof, energy use upgrades that included an Energy Recovery Ventilator (ERV) system, complete replacement of a 12 ton air handler, new laboratory fume hoods and associated exhaust system improvements, new classroom finishes, new laboratory finishes, equipment up upgrades/ replacement and redesign of research offices.

**d.**

(1) TITLE AND LOCATION *(City and State)*
**Life Safety and Energy Updates – Holy Family School** St. Petersburg, Florida

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2010 | 2010 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Principal-in-Charge and Architect of Record.** This renovation of an existing 22,000 sf elementary school building focused on life safety improvements. Included were new fire hydrant and fire sprinkler system throughout the two story building, new commercial kitchen fire suppression hood, and improvements to the fire alarm system. Energy efficiency modifications included removal and replacement of all exterior windows, improved insulation and replacement of four five-ton package HVAC units with variable refrigerant HVAC systems. These improvements resulted in an over 11 percent reduction in annual energy use.

**e.**

(1) TITLE AND LOCATION *(City and State)*
**Science Technology and Media Center – Tampa Catholic High School** Tampa, Florida

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2002-2003 | 2004 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Principal-in-Charge and Programming Architect.** The construction of this new 17,468 sf facility involved demolition of an existing building, rerouting of existing site utilities, and relocation of a vehicular driveway. These necessary site modifications were accomplished during the summer, thus ensuring the safety and security of the site and minimizing potential interruptions and risks to students and faculty during the school year. Biology, Chemistry, Physics, Computer Science and Media Support spaces are housed here to facilitate a cross-curriculum learning environment. Total Project Cost was $1,728,940.

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| | | a. TOTAL | b. WITH CURRENT FIRM |
| **Benton L. Rudolph, NCARB, AIA, AIA** | Project Executive | 28 | 4 Months |

15. FIRM NAME AND LOCATION (City and State)

hayes | cumming architects St. Petersburg, Florida

| 16. EDUCATION *(DEGREE AND SPECIALIZATION)* | 17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)* |
|---|---|
| M. Arch, Architecture, Clemson University, 1986<br>B. Sci., Design, Clemson University, 1983 | 1998, Professional Architect, Florida<br>1994, National Council of Architectural Registration Boards (NCARB) Licensed in 14 other States/Territories |

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Tony Jannus Society-Board of Directors

19. RELEVANT PROJECTS

**a.**

(1) TITLE AND LOCATION *(City and State)*
**Miami Seaquarium Master Plan, Florida, USA.**
Miami, Florida

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2009 | 2010 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Principal-in-Charge and Architect of Record,** the team, led by Benton Rudolph, provided a comprehensive master plan for this 37-acre landmark theme park. Long-range planning activities focused on building the brand as themed eco-park; enhancing the guest experience with new attractions and exhibits; and providing water and recreation based amenities, strategically placed restaurant and retail spaces, catering and meeting spaces. The overall goal of the project intent was to revitalize this south Florida iconic tourism land mark and add to it an eco-tourism element to as part of the current economic development strategy. Individual experience of Mr. Rudolph.

**b.**

(1) TITLE AND LOCATION *(City and State)*
**Project 777 Theme Park, ALDAR Properties**
Yas Island, Abu Dhabi, United Arab Emirates (UAE)

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2009 | 2011 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Principal-in-Charge and Architect of Record.** Acting as Principal-in-charge, Mr. Rudolph led this project from conceptual development through construction. It involves architectural, engineering, and construction administration services for development of a new Warner Bros. theme park in Abu Dhabi. In addition to the normal design services, the team provided economic analysis, thematic major attraction design, conceptual design, master planning and detailed site development and landscape design services. These efforts succeeded in creating the world's largest indoor theme park. Individual experience of Mr. Rudolph.

**c.**

(1) TITLE AND LOCATION *(City and State)*
**Disney Grand Floridian Renovation/Expansion, The Whiting-Turner Contracting Company,** Lake Buena Vista, FL.

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2012 | 2014 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Managing Principal.** This project was a 200,000-square-foot condominium hotel development adjacent to the Grand Floridian Hotel at Walt Disney World Resort. The team provided full service design and engineering for this design/build project that was delivered via an integrated project delivery (IPD) scenario. Key project elements included iconic ballroom and convention facilities as well as substantial site recreation amenities that included major water feature into the overall concept. Individual experience of Mr. Rudolph.

**d.**

(1) TITLE AND LOCATION *(City and State)*
**Piers A and B Renovation and Expansion for Baltimore Washington International Airport,** Maryland Aviation Administration (MAA), Baltimore, MD.

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2002 | 2005 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Senior Project Manager**. Managed and led the renovation of over 100,000 square feet and expansion of over 200,000 square feet in the south terminal building and on Piers A and B. Project involved a new 20-gate facility for Southwest Airlines, baggage facilities, ticketing, and retail components. Services provided included program development, conceptual design, planning, schematic design, construction document preparation, and construction administration. Individual experience of Mr. Rudolph.

**e.**

(1) TITLE AND LOCATION *(City and State)*
**Project 384, Universal Studios - California**
Hollywood, California

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2014 | XXXX |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Principal-in-Charge and Programming Architect.** This project involved the design of a highly successful Universal Studios Florida attraction that is planned for Universal Studios Hollywood. The design includes adapting the project to meet LA county and CA state codes on a site with a dramatic change in elevation. Design services include preparation of a design criteria as-built package, code analysis, project scheduling and a BIM execution plan. Individual experience of Mr. Rudolph.

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| **Alexander Smith, Assoc. AIA** | BIM Manager/Technical Support | a. TOTAL 5 | b. WITH CURRENT FIRM 3 |

15. FIRM NAME AND LOCATION (City and State)

hayes | cumming architects St. Petersburg, Florida

16. EDUCATION *(DEGREE AND SPECIALIZATION)*

**MArch.** Master in Architecture. 2009
University of South Florida. School of Arch + Community Design

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

2013/14 – Associate Director, AIA Tampa Bay, 2014 City of St Petersburg – Bicycle Pedestrian Advisory Committee, 2008-09 USF Faculty Senate

19. RELEVANT PROJECTS

**a.**

(1) TITLE AND LOCATION *(City and State)*
**Campus Master Plan – Tampa Catholic High School**
Tampa, Florida

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2013-2014
CONSTRUCTION *(If applicable)*: 2015-2016

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**BIM Manager/Designer.** Phase II for this 17.4 acre master plan on an existing educational campus adjacent to the Hillsborough River will include an athletic field house and miscellaneous support buildings with a fitness trail. A new auditorium will be added to the academic campus as a focal point adjacent to the student courtyard designed and constructed in 2005. Project value is expected to be approximately $8,500,000.

**b.**

(1) TITLE AND LOCATION *(City and State)*
**Marine Technology Building – Florida Keys Comm. College**
Key West, Florida

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2011-2012
CONSTRUCTION *(If applicable)*: 2013

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**BIM Manager/Designer**. This 28,370 s.f. state of the art energy efficient shop and classroom building was designed to LEED-NC Silver standards. The building will house the marine technology, marine propulsion, marine welding and marine trades programs at FKCC. The structure is located within a FEMA Velocity Zone that required significant open areas and break away panels at the first floor. Total Project Cost was $5,100,000

**c.**

(1) TITLE AND LOCATION *(City and State)*
**Campus Master Plan – St. Petersburg Catholic High School**
St. Petersburg, Florida

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2013-2014
CONSTRUCTION *(If applicable)*: 2015-2016

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**BIM Manager/Designer.** This 22.3 acre master plan on an existing educational campus adjacent will include a new science laboratory building, expanded athletic facilities and miscellaneous support buildings. New interior courtyards will be created by the demolition of an existing building with significant landscape and historical elements to create legacy focal points throughout the various courtyards. Project value is expected to be approximately $11,300,000.

**d.**

(1) TITLE AND LOCATION *(City and State)*
**Heroes of the St. Petersburg Police Memorial**
**St. Petersburg, FL**

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2011-2012
CONSTRUCTION *(If applicable)*: 2012

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**BIM Manager/Project Manager** for this open air memorial adjacent to the water and dedicated to the fallen officers of the City of St. Petersburg Police. The monument permanently memorializes the 15 officers that have made the ultimate sacrifice in the line of duty. It creates a place for family members and the public to visit, gather and reflect upon contributions made by their loved ones. The memorial includes a custom flag pole monument, seating, entry walk, landscaping and up-lighting.

**e.**

(1) TITLE AND LOCATION *(City and State)*
**Seminole Park Master Plan – Historic Kenwood**
**St. Petersburg, FL**

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2011
CONSTRUCTION *(If applicable)*: -

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**BIM Manager/Project Manager** Project Manager for documentation of existing conditions of an urban park within a Nationally designated historic neighborhood. Community interaction with local municipalities and the neighborhood association. Research of existing native species of plant for documentation within the master plan.

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| | | a. TOTAL | b. WITH CURRENT FIRM |
| **E. Michael McCarthy, P.E.** | Lead Structural Engineer | 29 | 22 |

15. FIRM NAME AND LOCATION *(City and State)* McCarthy and Associates, Inc.
Clearwater, Florida

| 16. EDUCATION *(DEGREE AND SPECIALIZATION)* | 17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)* |
|---|---|
| Pennsylvania State University<br>Bachelor of Architectural Engineering 1978 | Structural Engineer: FL, GA, ME, NH, NC, PA, SC, VA |

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Special Building Inspector #0158; NCEE #8529, Pinellas County Construction Licensing Board (PCCLB), Board of Adjustments and Appeals- 2005

19. RELEVANT PROJECTS

**a.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| Mahaffey Theater Additions and Renovations<br>St. Petersburg, Florida | 2005 | 2006± |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — Check if project performed with current firm

This project is limited to the following structural items: Additions of a new 2 story lobby and a new three-story stair/elevator/mechanical additions on south side with free standing portico. A new two-story circular atrium on east side and new high tower feature on south side. New mechanical room over existing construction with new roof-top screen walls over existing construction. A new ramp and screen wall on north side and new roof-top-units on existing roof. New precast concrete walls on east side and terrace ad retaining walls on. Design repairs to any existing structural deficiencies uncovered during construction.McCarthy & Associates responsibilities included structural design/consultation; preparation of drawings/specs; review of shop drawings/submittals; responding to RFI's; and construction site visits. Structural cost: $35,150.00. ROLE: Principal-in-Charge

**b.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| SPC Orthotics and Prosthetics<br>St. Petersburg, Florida | 2007 | 2007± |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — Check if project performed with current firm

McCarthy & Associates was responsible for structural design/consultation; preparation drawings/specs; review of shop drawings/submittals; responding to RFI's; and construction site visits for this 26,400 square foot medical building with attached canopy. Structural costs: $22,516.00.
ROLE: Principal-in-Charge

**c.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| Albert Whitted Municipal Airport<br>St. Petersburg, Florida | 2007 | 2007± |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — Check if project performed with current firm

McCarthy & Associates was responsible for structural design/consultation; preparation of drawings/specs; review of shop drawings/ submittals; responding to RFI's; and construction site visits. A new 10,000 square feet airport terminal. Structural Fees: $13,557.00 ROLE: Principal-in-Charge

**d.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| Eckerd College Hurricane Assessment<br>St. Petersburg, Florida | 2007 ± | NA |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — Check if project performed with current firm

McCarthy and Associates, Inc. responsible for evaluating a hurricane hardening assessment of eleven buildings of the Eckerd College Campus and responding with a detailed report per building. Assessment Fee: $90,000.00.
ROLE: Principal-in-Charge

**e.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| All Children's Hospital Resource Center<br>St. Petersburg, Florida | 2004 | 2005 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — Check if project performed with current firm

McCarthy & Associates was responsible for structural design/consultation; preparation of drawings/specs; review of shop drawings/ submittals; responding to RFI's; and construction site visits for this resource center addition to All Children's Hospital. Structural Fees: $11,870.00.
ROLE: Principal-in-Charge

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| | | a. TOTAL | b. WITH CURRENT FIRM |
| **Joseph H. Griner III, PE, LEED AP** | **Principal-in-Charge / Mechanical Engineer** | **22** | **18** |

15. FIRM NAME AND LOCATION *(City and State)*

**Griner Engineering, Inc. St. Petersburg, Florida**

| 16. EDUCATION *(DEGREE AND SPECIALIZATION)* | 17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)* |
|---|---|
| **Bachelor of Science, 1983, Chemical Engineering** | **Florida · Mechanical Engineer FL PE #39491** |

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

**ASHRAE Florida West Coast Chapter, President, 1998**
**Florida Institute of Consulting Engineers, Board of Directors, 1993-1995**

19. RELEVANT PROJECTS

**a.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION (If applicable) |
| **City of St Petersburg – Various Projects<br>St. Petersburg, Florida** | **1995** | **2006** |

(3) BRIEF DESCRIPTION (*Brief scope, size, cost, etc)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

**Mechanical Engineer of Record of various projects for the City of St. Petersburg. Projects include: Municipal Pier HVAC replacement, the Municipal Office Building renovation, City Hall HVAC upgrades, chiller and outside air unit replacement for the Data Center.**

**b.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION (If applicable) |
| **City of Tampa Municipal Office Building Elevator Upgrade and Emergency Generator Replacement<br>Tampa, Florida** | **2002** | **2004** |

(3) BRIEF DESCRIPTION (*Brief scope, size, cost, etc)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

**Project representative and project engineer to oversee the electrical engineering design and architectural design services for the elevator upgrade and emergency generator replacement project. Coordination during the design phase, organized of pre-bid meetings and drawing distribution for the bid phase of the project; and provided construction administration during the construction phase of the projects**

**c.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION (If applicable) |
| **Pinellas County Judicial Building – Central Energy Plant<br>St. Petersburg, Florida** | **1999** | **2003** |

(3) BRIEF DESCRIPTION (*Brief scope, size, cost, etc)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

**Mechanical Engineer of Record for the mechanical and plumbing engineering design services provided for the design of a 1,050-ton central plant for the Judicial Building complex and enclosure of a large deck space.**

**d.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION (If applicable) |
| **City of St. Petersburg Albert Whitted Municipal Airport-IGAC Terminal<br>St. Petersburg, Florida** | **2005** | **2007** |

(3) BRIEF DESCRIPTION (*Brief scope, size, cost, etc)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

**Mechanical Engineer of Record for the mechanical and plumbing engineering design services provided for the addition of the IGAC Terminal Building.**

**e.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION (If applicable) |
| **Gulfport Casino<br>Gulfport, Florida** | **1998** | **2004** |

(3) BRIEF DESCRIPTION (*Brief scope, size, cost, etc)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

**Mechanical Engineer of Record for the mechanical engineering design of the new HVAC systems for the restoration project and office addition at the historic Gulfport Casino.**

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| **Giancarlo Mazzanti** | Designer architect associated | a. TOTAL 25 | b. WITH CURRENT FIRM 25 |

15. FIRM NAME AND LOCATION (City and State)

EL EQUIPO DE MAZZANTI Bogotá, Colombia

| 16. EDUCATION *(DEGREE AND SPECIALIZATION)* | 17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)* |
|---|---|
| Bachelor of Architecture, 1987<br>Pontificia Universidad Javeriana, Bogota, Colombia.<br>Postgraduate in Architecture history and theory, and Industrial design, 1991<br>University of Florence. Italy | Architect Proffesional Card, Bogota, Colombia |

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

PROFFESORSHIP
Master degree professor at Princeton University, New Jersey, New York - 2012
Latin American Studies program professor at Princeton University, New Jersey, New York - 2012
Bachelor professor at Universidad Jorge Tadeo Lozano, Bogota, Colombia - 2012
Thesis director at Universidad de Los Andes, Bogota, Colombia - 2013
Bachelor professor at Pontificia Universidad Javeriana, Bogota, Colombia – 2013
Master degree professor at Graduate School of Design Harvard University, Boston, Massachussets – 2014
AWARDS
Winner of the XX Colombian Architecture Biennial in the category of public space, Colombia – 2006
Winner of the Ibero-American Biennial in the category of Best Architectonic Work, Lisbon, Portugal – 2008
Winner of the Panamerican Architecture Biennial in the category of Architectonic design, Quito, Ecuador – 2008
Winner of the Lapiz de Acero Prize in the category of best architectural work - 2008
Winner of the Global Award for Sustainable Architecture, Paris, France – 2010
Chosen for the MOMA permanent collection exhibit. New York, U.S.A. -2010
Winner of the Colombian Biennial, Bogota, Colombia - 2012
Name as one of the 10 most innovative architecture firms by Fast Company - 2013
EXPOSITIONS
One of the 35 projects chosen in the Mies Van der Rohe Americas Prize, Chicago, U.S.A. – 2014
Playgrounds exposition. Museo Nacional Reina Sofia, Madrid, España – 2014
Reenchant the World exposition. Cité de l´Architecture, Paris, France – 2014
The Void exposition. The Solomon Guggenheim Museum, New York, U.S.A. – 2010
LECTURES
- Invited speaker at Università di Roma, Italy
- Invited speaker at Ping Pong de Domus Milano, Italy.
- Invited speaker at Politecnico di Milano, Italy.
- Invited speaker at Harvard University, USA.
- Invited speaker at Cornell University, USA.
- Invited speaker at Strelka Institute, Moscú, Rusia.
- Invited speaker at FestArch magazine Abitare, Italy
- Invited speaker at Instituto Cervantes, Chicago, USA.
- Invited professor to the summer workshop at Florida University, Gainsville, USA.
- Invited speaker at Princeton University, USA.
- Invited speaker at Yale University, USA.
- Invited speaker at CCA (Centre Canadien d'Architecture), Canada.
- Invited speaker at Ryerson University, USA.
- Invited speaker at Pratt Institute, USA.
- Summer proffesor at Universidad de Venecia, Italy
- Invited speaker at Columbia University NYC, USA.
- Invited speaker at Berkeley University, California, USA.
- Invited speaker at University of Miami, USA.
- Invited speaker at Universidad de Monterrey, Mexico.
- Invited speaker at Universidad de Buenos Aires, Argentina.
- Invited speaker at Universidad Católica de Chile, Chile.

- Invited speaker at Colegio de Arquitectos de Panama, Panama.
- Invited speaker at taller internacional de Arquitectura de Cartagena.
- Invited speaker at Universidad Católica, Lima Peru.
- Invited speaker at Universidad Palma, Lima, Peru.
- Invited speaker at University of Texas, Austin, USA.
- Invited speaker at Cité de la Architecture, Paris - France
- Invited speaker at Texas University, Dallas, USA.
- Invited speaker at Más por Menos, Pamplona, Spain
- Invited speaker at Universidad de La Republica, Montevideo, Uruguay

Relevant projects
-Proyecto Polideportivo Bosque de La Esperanza Fundacion Pies Descalsos (shakira) | Soacha, Colombia
-Pies Descalzos School | Cartagena, Colombia
-El Porvenir Kindergarten | Bogotá - Colombia
-Timayui y La Paz Kindergarten | Santa Marta, Colombia
-Public Library Park Spain | Medellín, Colombia
-Library park Leon de Greiff| Medellín, Colombia
-Plaza Mayor Convention Center | Medellín, Colombia
-Four Sport Scenaries for Southamerican Games | Medellín, Colombia
-School prototype system | Bogotá, Colombia
-Parque cultural del Caribe y Museo del Caribe | Barranquilla, Colombia
-Parque tercer Milenio | Bogotá, Colombia
-Transmilenio pedestrian bridges structure | Bogotá, Colombia
-Prototype kindergarten system | Bogotá, Colombia
-Master Plan Parque Nacional Olaya Herrera | Bogotá, Colombia
-Chairama SPA | Bogotá, Colombia
-Biblioteca José Vasconcelos| México D.F
-Parque Tulio Ospina | Medellín, Colombia
-Parque la Aurora | Bogotá, Colombia
-Parque Lineal Rio Fucha | Bogotá, Colombia
-Museo de Arte Moderno | Barranquilla, Colombia
-Plan Maestro y espacio público de Usaquén | Bogotá, Colombia

Publications
(more than 700 national and international publications)
Revista Abitare - Italia
Revista A+U - Japón
Revista Space - Corea
Revista Architecture & Culture – China
Revista Arquine - Mexico
Revista Achitectural Digest - Rusia
Revista Domus - Italia
Revista Home Rewiew – India
Revista Icon - Inlaterra
Revista Mark Magazine – Holanda
Revista Metalocus - España
Revista Monitor – Rusia
Revista Wallpaper - Inglaterra
Revista Pasajes - España
Periódico China Times - China
Periódico New York Times - USA
Periódico el Tiempo - Colombia

19. RELEVANT PROJECTS

**a.**

(1) TITLE AND LOCATION *(City and State)*
**Parque Tercer Milenio**
Bogota, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 1998 | 2004 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Associated designer architect.** Third Millennium Park is part of a municipal initiative to improve and revitalize depressed areas of the city of Bogota. The park is located on the site of what was formerly known as La Calle del Cartucho (Cartridge Street), which was one of the first areas affected by the city's urban regeneration process. The park is located in the Barrio Santa Ines, between Carrera 10 and Avenida Caracas 10th Street and 6th Street. It has an area of 16.7 hectares, comprised of 640 properties of which 80% were purchased by the city's Urban Renewal Office.

The park has a very specific area zoned for entertain- ment without discrimination. There are variety of playgrounds for tennis, basketball and football. The aim of the design is to make space for all - children, youth and adults. A park without fences,

Third Millennium is one of the few wide-open public spaces that exist in the city. Users can access the park at multiple points, and are able to gain direct entry from almost any of the surrounding streets. Additionally, the park's greenery plays a very important role in terms of noise reduction surrounding streets, with plenty of traffic.. U$53.287.350. Size: 1.442.364 sq. ft.

**b.**

(1) TITLE AND LOCATION *(City and State)*
**Spain Public Library Park**
Medellin, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2009 | 2009-2010 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Designer architect.** Rather than create a stand-alone building, we propose an operational geography that is integrated with the valley, as a mechanism for organizing program and highlighting natural elements of the surrounding area. This calls to attention the hidden and irregular contours of the mountain while producing a building that echoes the hilly landscape. The building redefines the folded structure of the mountain as form and space, eliminating the idea of landscape as a background and enhancing the building's assimilation into the landscape.

The site is defined of small brick houses mostly constructed as an expression the desires of residents of the surrounding steep slopes. This form of organi- zation gives a uniform texture to the city with no visible hierarchy. As a main tourist attraction in Medellín, the project is visible from much of the city. Quickly adopted by the residents of the area as a symbol of the new Medellín, a sensation of pride and a greater sense of belonging is exhibited within the surrounding community, through regular use and care for the library. Construction Cost: U$2.607.670. Size: 40.717 sq. ft.

**c.**

(1) TITLE AND LOCATION *(City and State)*
**Ciudad de la Alegria Kindergarten - Timayui**
Santa Marta, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2009 | 2010-2011 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Designer architect.** This project responds to the political concerns of the municipality of Santa Marta and the Carulla Foundation to improve the educational conditions of the displaced communities that have settled at the outer perimeter of the city. These areas are often characterized by violence and lack of public infrastructure. The project is meant to develop an infrastructure for improving the conditions of early childhood education in low-income communities, addressing the needs of the most vulnerable populations, between the ages of 0 and 5 years old. Rather than being a formal object, the image of the building refers to the geography of the region.

Our intention was to develop an architectural landscape that relates to the localized geographical and topographical conditions of the site. We postulate organizational programs to develop projects that promote a "new natural contract" by reformulating the relationship between figure and background. Our project has developed a functional strategy, and an environmen- tal space based on a modular system of repeated patterns that can be connected in various ways. This allows the system to adapt to various urban, programmatic, ecological and political situations.. Construction Cost: U$968.760. Size 16.146 sq ft

**d.**

(1) TITLE AND LOCATION *(City and State)*
**Forest of Hope - Cazuca**
Bogota, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2010 | 2011 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Designer architect.** . Forest of hope is a sports center on the outskirts of Bogotá where neighbors can take part in various recreational and academic activities that help foster a cooperative community. It consists of a canopy where modules can be added depending on circumstances and desires for coverage and densities.

Forest of hope is located in the municipally of Soacha, Altos de Cazucá, a very depressed area that lacks of public infrastructure. The neighborhood is known for its security problems and is home to thousands of people that have been displaced from their hometowns due to social conflict.

Continuing our investigation into the potentials of architecture, the main interest of the project lies in producing actions, changes and relationships which generate shapes, patterns or open organizations that promote social actions. FOREST OF HOPE is an open project, made out of modules that have the potential to grow and adapt to different situations. As such area residents currently use the structure in a variety of ways: as a sports field, open-air market, church and concert arena.
Construction Cost: U$301.412. Size: 8.611 sq. ft.

**e.**

(1) TITLE AND LOCATION *(City and State)*
**Pies Descalzos School**
Cartagena de Indias, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 0000 | 0000 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Designer architect.** This school, designed for Pies Descalzos Foundation is located on the top of Loma del Peye Mountain within the city of Cartagena de Indias, Colombia. More than an educational building, the project seeks to provoke the consolidation of the neighborhood and improve the life of residents by generating alternatives for personal and community development as well as an environmental transformation of the area. The project has already become an architectural and urban landmark and an object of pride for the community.

The design of the building is based on a sequence of three intersected hexagons. Each hexagon defines a two level perimeter with a central patio. The hexagon contours define a perimeter circulation and contain the school's program. On the other hand, the covered patios have a variety of trees and plant species that create a micro-weather, giving each a specific character and disposition for different activities to take place. The vegetation selected will also attract the presence of native animals, encouraging the development of an ecological education. The architecture is a space of belonging, light and calm.

The building adapts to the geography of the place by creating a level sequence that permits the full use of the area. The preschool area is independent from the rest of the building and functions in one level. The library also functions on the first floor as it needs special conditions of access as well as more direct and public access from the street. The middle and high school areas are located in two bigger hexagons. Levels are connected vertically by a central ramp and stairs. The elements that come out from the building are special classrooms (science labs) that have big windows to provide a visual connection to the city. Additionally, the school has a multiple use hall, with sport services opened to an access plaza.. Construction Cost: $6.992.248. Size: 120.556 sq ft

**f.**

(1) TITLE AND LOCATION *(City and State)*
**Four Sport Scenarios for Southamerican Games**
Medellin, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2008 | 2009 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Associated designer architect.** Our project took the interior and exterior in a unified way. The outdoor public space and sporting venues are in a continuous space, thanks to a large deck built through extensive stripes out, perpendicular to the direction of the positioning of the main buildings. Each of the four sporting venues operates independently, but in terms of urban space and behave as one large continent built with public open spaces, semi-covered public spaces, and indoor sports

The project has been thought as a new geography to the interior of the elongated Aburrá Valley, midway between Cerro Nutibara and Cerro El Volador. It is a building that seems to be another mountain in the city; from the remote or from the top has an abstract image geographic and festive; from the inside, the movement of the steel structure, allows the filtered sunlight to get inside the space, which is the suitable condition for the conduct of sporting events..
Construction Cost: U$19.000.000. Size: Built area 330.338 sq ft Public Space 252.177 sq ft

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| **Juan Manuel Gil** | Project manager | a. TOTAL 10 | b. WITH CURRENT FIRM 7 |

15. FIRM NAME AND LOCATION (City and State)

EL EQUIPO DE MAZZANTI Bogotá, Colombia

| 16. EDUCATION *(DEGREE AND SPECIALIZATION)* | 17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)* |
|---|---|
| Universidad del Valle, Architecture faculty, Cali, Colombia 2004 | Architect Proffesional Card, Bogota, Colombia |

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Working experience
-Giancarlo Mazzanti (Bogotá, Colombia)
-DBA Arquitectos (Bogotá, Colombia)
-Arias, Serna y Saravia s.a. (Bogotá, Colombia)
-RIR Arquitectos (Bogotá, Colombia)
-Colonnier y Asociados (Ciudad de Mexico – Mexico)

Relevant projects
-Parque Biblioteca España, Medellin - Colombia
-Parque Biblioteca Leon de Greiff, Medellin - Colombia
-Restaurante 14 Inkas, Bogota - Colombia
-Plaza de Mercado, Transmetro - Barranquilla - Colombia
-Colegio Publico Gerardo Molina, Bogota - Colombia
-Colegio Publico Lituania Ebenezer, Bogota - Colombia
-Edificio de Departamentos Habitar 7.2, Bogota - Colombia
-Trump Ocean Club, Ciudad de Panama - Panama
-Conjunto Residencial Balcones de Payande, La Vega (Cund.) – Colombia
-Edificio Velasco, Ciudad de Mexico - Mexico
-Edificio Capital, Guadalajara - Mexico
-Edificio Insurgentes 1460, Ciudad de Mexico - Mexico
-Edificio Torre del Angel, Ciudad de Mexico - Mexico
-Jardines Infantiles Timayui y la Paz Santamarta – Colombia
-Jardin Infantil Soledad, Soledad (Atla) – Colombia
-Polideportivo Bosque de la Esperanza, Soacha - Colombia
-Colegio Lomas del Peye Cartagena - Colombia
-Aeropuerto Inter. Benito Juarez – Term. 2, Ciudad de Mexico – Mexico
-Casa R+R, Bogota - Colombia
-Club 464, Bogota - Colombia
-Casa para la F.A.C., Bogota - Colombia
-Edificio Residencial Torre Acqua 1, Ciudad de Panama - Panama
-Centro de investigaciones Marinas Invemar, Santa Marta – Colombia
-Facultad de artes Universidad Javeriana, Bogota – Colombia
-Pabellon verde Plaza Mayor, Medellin – Colombia
-Centro de Convenciones Puerta de Oro, Barranquilla – Colombia

19. RELEVANT PROJECTS

| | (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|---|
| | | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| a. | **Spain Public Library Park** Medellin, Colombia | 2009 | 2009-2010 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Partner architect.** Rather than create a stand-alone building, we propose an operational geography that is integrated with the valley, as a mechanism for organizing program and highlighting natural elements of the surrounding area. This calls to attention the hidden and irregular contours of the mountain while producing a building that echoes the hilly landscape. The building redefines the folded structure of the mountain as form and space, eliminating the idea of landscape as a background and enhancing the building's assimilation into the landscape.

The site is defined of small brick houses mostly constructed as an expression the desires of residents of the surrounding steep slopes. This form of organi- zation gives a uniform texture to the city with no visible hierarchy. As a main tourist attraction in Medellín, the project is visible from much of the city. Quickly adopted by the residents of the area as a symbol of the new Medellín, a sensation of pride and a greater sense of belonging is exhibited within the surrounding community, through regular use and care for the library. Construction Cost: U$2.607.670. Size: 40.717 sq. ft.

**b.**

(1) TITLE AND LOCATION *(City and State)*
**Forest of Hope - Cazuca**
Bogota, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2010 | 2011 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Designer architect.** . Forest of hope is a sports center on the outskirts of Bogotá where neighbors can take part in various recreational and academic activities that help foster a cooperative community. It consists of a canopy where modules can be added depending on circumstances and desires for coverage and densities.

Forest of hope is located in the municipally of Soacha, Altos de Cazucá, a very depressed area that lacks of public infrastructure. The neighborhood is known for its security problems and is home to thousands of people that have been displaced from their hometowns due to social conflict.

Continuing our investigation into the potentials of architecture, the main interest of the project lies in producing actions, changes and relationships which generate shapes, patterns or open organizations that promote social actions. FOREST OF HOPE is an open project, made out of modules that have the potential to grow and adapt to different situations. As such area residents currently use the structure in a variety of ways: as a sports field, open-air market, church and concert arena.
Construction Cost: U$301.412. Size: 8.611 sq. ft.

**c.**

(1) TITLE AND LOCATION *(City and State)*
**Pies Descalzos School**
Cartagena de Indias, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2011 | 2014 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Partner architect.** This school, designed for Pies Descalzos Foundation is located on the top of Loma del Peye Mountain within the city of Cartagena de Indias, Colombia. More than an educational building, the project seeks to provoke the consolidation of the neighborhood and improve the life of residents by generating alternatives for personal and community development as well as an environmental transformation of the area. The project has already become an architectural and urban landmark and an object of pride for the community.

The design of the building is based on a sequence of three intersected hexagons. Each hexagon defines a two level perimeter with a central patio. The hexagon contours define a perimeter circulation and contain the school's program. On the other hand, the covered patios have a variety of trees and plant species that create a micro-weather, giving each a specific character and disposition for different activities to take place. The vegetation selected will also attract the presence of native animals, encouraging the development of an ecological education. The architecture is a space of belonging, light and calm.

The building adapts to the geography of the place by creating a level sequence that permits the full use of the area. The preschool area is independent from the rest of the building and functions in one level. The library also functions on the first floor as it needs special conditions of access as well as more direct and public access from the street. The middle and high school areas are located in two bigger hexagons. Levels are connected vertically by a central ramp and stairs. The elements that come out from the building are special classrooms (science labs) that have big windows to provide a visual connection to the city. Additionally, the school has a multiple use hall, with sport services opened to an access plaza.. Construction Cost: $6.992.248. Size: 120.556 sq ft

**d.**

(1) TITLE AND LOCATION *(City and State)*
**Four Sport Scenarios for Southamerican Games**
Medellin, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2008 | 2009 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Partner director architect.** Our project took the interior and exterior in a unified way. The outdoor public space and sporting venues are in a continuous space, thanks to a large deck built through extensive stripes out, perpendicular to the direction of the positioning of the main buildings. Each of the four sporting venues operates independently, but in terms of urban space and behave as one large continent built with public open spaces, semi-covered public spaces, and indoor sports

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## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| **Alberto Aranda** | Project manager | a. TOTAL 15 | b. WITH CURRENT FIRM 10 |

15. FIRM NAME AND LOCATION (City and State)

EL EQUIPO DE MAZZANTI Bogotá, Colombia

16. EDUCATION *(DEGREE AND SPECIALIZATION)*

-Architecture Bachelor, Pontificia Universidad Javeriana, Bogota, 1999

-Contemporary European Landscape Design, Harvard Design School, 2001

-Photography, Massachusetts College of Art and Design, 2001

-Vivienda Contemporánea, Universidad Autónoma de México 2002

-Project Management Certified proffesional, PMI, Bogotá 2012

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

Architect Proffesional Card, Bogota, Colombia

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Proffesorship and lectures

-Director del taller de Movilidad y espacio Público.
Pontificia Universidad Javeriana, Facultad de Arquitectura, Bogotá - Colombia.
2010-2012

-Coordinador academico para Segundo Semestre.
Pontificia Universidad Javeriana, Facultad de Arquitectura, Bogotá- Colombia.
2005-2012

-Foro Arquitectura Colombiana -Arquitecto Conferencista
Pontificia Universidad Javeriana, Facultad de Arquitectura, Bogotá- Colombia.
2008

-Foro Educación en Arquitectura - Arquitecto Conferencista
Pontificia Universidad Javeriana, Facultad de Arquitectura, Bogotá- Colombia.
2009

-Arquitecto Jurado de Tesis de Arquitectura
Pontificia Universidad Javeriana, Facultad de Arquitectura, Bogotá- Colombia.
2007- a la fecha

-Taller internacional de Cartagena
Universidad de los Andes, Facultad de Arquitectura, Bogotá- Colombia.
2008

-Foro Arquitectura y sostenibilidad en espacios Corporativos - Arquitecto Conferencista Haworth Think Green program, Bogotá- Colombia.
2011

Relevant Projects

-Bar el Dot, Bogotá- Colombia 250M2

-Puentes peatonales Prototipo para Bogotá- Colombia

-Casa Manrique en Chía - Colombia 850M2

-Conjunto Residencial Bahia Country, Bogotá - Colombia 22.365M2

-Conjunto Residencial La Reserva Bogotá - Colombia 17.658M2

-Proyecto vivienda Edificio Habitar 72 - Bogotá - Colombia

-Proyecto vivienda Edificio Habitar 74 - Bogotá - Colombia

-Restaurante Nazca
-Parques de la 90 Etapa 2, Bogotá, - Colombia 5.643M2
-Edificio Lyra, Bogotá, - Colombia 5.223M2
-Plan Maestro West Beach en Panama
-Plan Maestro Gimansio Campestre 2022
-Conjunto residencial Yaiti 12654M2
-Coliseos para los Juegos Suramericanos ODESUR
-Plan Maestro Connecta 26
-Edificios de oficinas tipo para Connecta, Bogotá, - Colombia 49.500M2
Certificación LEED Gold
-Edificio de servicios alimentarios y comerciales para Connecta, Bogotá, - Colombia 3.500M2
-Remodelación antigua Sede de Avianca en Connecta , Bogotá, - Colombia 15.600M2 Certificación LEED Silver
-Remodelacion de edificio Conector entre los edificios de la antigua Sede de Avianca en Connecta , Bogotá, - Colombia , 540M2
-Planta de procesamiento de alimentos, Gate Gourmet, Bogotá, - Colombia 10.500M2
-Clínica Colombiana de Trasplantes, Bogotá, - Colombia ,35.000M2
Certificación LEED Silver
-Sede Corporativa de Genzyme de Colombia, Bogotá, - Colombia 750M2
-Oficinas de presidencia y vicepresidencias Allianz de Colombia, Bogotá, - Colombia 570M2
-Flag Store de Arturo Calle, Bogotá, - Colombia
-Implementación de prototipo de Locales para Citibank de Colombia Bogotá/Medellin, - Colombia

19. RELEVANT PROJECTS

**a.**

(1) TITLE AND LOCATION *(City and State)*
**Habitar building 74**
Bogota, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2003 | 2004 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Associated designer architect.** This Project is located on a residential neighborhood on the east side of the city, formed by 7 stories tall adjacent buildings. On this specific site, we had a 7 stories tall blind wall of a building to the north and were required to be isolated from a 5 stories tall building to the south.
Given that, the building is adjacent to the one on the north, using similar colors (wood) for integrations. Over the east side a latticed wood veil gives depth and natural daylight, while distancing from the neighbor building.
Over the long facade, linear openings overlook the mountains and the gardens of an adjacent school. Over this openings, colored glass panels allow for sun and win control, coming from the east.
Several apartment typologies were developed: duplex, full floor and others. Floors were developed as big open spaces on which isolated cubes at the center contain vertical circulations, with services (kitchen, bathrooms) on the east side. This results on facades free of walls, with daylight entering by 3 open sides. The terraces were designed as vertical gardens overlooking the city.U$5.000.000. Size: 15.230 sq. ft.

**b.**

(1) TITLE AND LOCATION *(City and State)*
**Habitar 72 Building**
Medellin, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2004 | 2005 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Associated designer architect.** This Project is located on a residential neighborhood on the east side of the city, formed by 7 stories tall adjacent buildings. On this specific site, we had a 7 stories tall blind wall of a building to the east, and isolation was required by regulation to the west side, overlooking the mountains, next to a school. Given that, the building is adjacent to the building to the east, with a perforated wall over the street, which contains the double height of the apartments. Over the west side, the project opens with large windows.
The plot is long (45m) and thin (12m), but zoning requires 4m of separation, which ends up on a 35x8m useful area. This defined two apartments per floor, for the best views and daylight conditions.
The duplex apartments were developed as empty volumes to be occupied and designed according to the requirements of each client. Given that, apartments have an open plan, with service pipelines on the back that allow for the maximum flexibility to let each module to be treated as a complete autonomous element.
The project is developed as a traditional pillar/beam structure, with walls finished on white-bone concrete, brown stone floors and transparent and colored glass panels, that hide service zones to the outside.
The first floor has a latticed wooden wall that uniforms, while giving character to, the entrance.
Construction Cost: U$5.000.000. Size: 15.600 sq. ft.

c.

(1) TITLE AND LOCATION *(City and State)*
**Pies Descalzos School**
Cartagena de Indias, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2011 | 2014 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Partner architect.** This school, designed for Pies Descalzos Foundation is located on the top of Loma del Peye Mountain within the city of Cartagena de Indias, Colombia. More than an educational building, the project seeks to provoke the consolidation of the neighborhood and improve the life of residents by generating alternatives for personal and community development as well as an environmental transformation of the area. The project has already become an architectural and urban landmark and an object of pride for the community.

The design of the building is based on a sequence of three intersected hexagons. Each hexagon defines a two level perimeter with a central patio. The hexagon contours define a perimeter circulation and contain the school's program. On the other hand, the covered patios have a variety of trees and plant species that create a micro-weather, giving each a specific character and disposition for different activities to take place. The vegetation selected will also attract the presence of native animals, encouraging the development of an ecological education. The architecture is a space of belonging, light and calm.

The building adapts to the geography of the place by creating a level sequence that permits the full use of the area. The preschool area is independent from the rest of the building and functions in one level. The library also functions on the first floor as it needs special conditions of access as well as more direct and public access from the street. The middle and high school areas are located in two bigger hexagons. Levels are connected vertically by a central ramp and stairs. The elements that come out from the building are special classrooms (science labs) that have big windows to provide a visual connection to the city. Additionally, the school has a multiple use hall, with sport services opened to an access plaza.. Construction Cost: $6.992.248. Size: 120.556 sq ft

d.

(1) TITLE AND LOCATION *(City and State)*
**Four Sport Scenarios for Southamerican Games**
Medellin, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2008 | 2009 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Partner director architect.** Our project took the interior and exterior in a unified way. The outdoor public space and sporting venues are in a continuous space, thanks to a large deck built through extensive stripes out, perpendicular to the direction of the positioning of the main buildings. Each of the four sporting venues operates independently, but in terms of urban space and behave as one large continent built with public open spaces, semi-covered public spaces, and indoor sports

The project has been thought as a new geography to the interior of the elongated Aburrá Valley, midway between Cerro Nutibara and Cerro El Volador. It is a building that seems to be another mountain in the city; from the remote or from the top has an abstract image geographic and festive; from the inside, the movement of the steel structure, allows the filtered sunlight to get inside the space, which is the suitable condition for the conduct of sporting events.. Construction Cost: U$19.000.000. Size: Built area 330.338 sq ft Public Space 252.177 sq ft

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| | | a. TOTAL | b. WITH CURRENT FIRM |
| **Eugenia Concha Gimenez-Coral** | Project director | 10 | 1 |

15. FIRM NAME AND LOCATION (City and State)

EL EQUIPO DE MAZZANTI Bogotá, Colombia

16. EDUCATION *(DEGREE AND SPECIALIZATION)*

-Taller “arquitectura, museografía y programación” Talleres de formación ACERCA, AECID (2012)

-Beca de formación en gestión cultural y patrimonio para el desarrollo AECID, MAEC (2013)

-Curso de posgrado de especialización “Cooperación para el desarrollo de

Asentamientos Humanos en el tercer mundo” ICHAB, cátedra UNESCO, UPM (2011)

-Voluntariado: cooperación y acción humanitaria. Coordinadora ONG para el desarrollo-España (2011)

-Curso teórico de arquitectura dirigido por el catedrático Juan Herreros (UIMP) (2010)

-Curso de Agua y Saneamiento en proyectos de emergencia y cooperación al desarrollo (UAH)(2010)

-Arquitecta con honores (Sobresaliente) por la ETSA Madrid, UPM Proyecto fin de carrera tutelado por Juan Herreros (2008)

-Taller “sistemas de energía solar fotovoltaica aplicado a la planificación urbana” (UPM) (2007)

-Taller “vivienda y espacio doméstico en el siglo XXI” (2007)

-Curso “arquitectura efímera de la ciudad” (UPM) (2007)

-Año Erasmus en KTH Estocolmo, Suecia (2005)

-Escuela Técnica Superior de Arquitectura de Madrid (ETSAM - UPM), España

-Licenciatura de Arquitecto Superior (equivalencia de Bolonia a Máster)(2008)

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Prizes and Acknowledgments

-Concurso de fotografía: “habitat: miradas, arquitectura y cooperación” 1er premio. (2010)

-Exposición del Proyecto Fin de Carrera en la embajada española en Liubliana, Eslovenia. (2010)

-Publicación en el libro: proyectos fin de carrera aula PFC (2010)

-1er premio nacional “Alejandro de la Sota” al mejor Proyecto Fin de Carrera 2008-09 (2009)

-Concurso Proyecto Fin de Carrera del colegio de arquitectos de Almeria. Finalista. (2009)

Expositions

Museo Reina Sofía (Madrid) - Exposición Playgrounds (2014)

Relevant projects

-Museo de Arte Moderno Barranquilla 2014

-Universidad de Los Libertadores Cartagena 2014

-Universidad de Los Libertadires Bogota 2013

-Competition IB College 2014

-Competition Panamericana University 2014
-Programa Patrimonio para el Desarrollo, Oficina Técnica de Cooperación AECID en Bolivia 2012-13
-Proyecto básico de ampliación del Museo Nacional de Arte de La Paz, Bolivia
-Centro Cultural de España en La Paz (CCELP), Bolivia, 2011-12
-Diseño del mobiliario del CCELP y supervisión de su construcción 2011
-Dirección y supervisión de las obras de remodelación y acondicionamiento del CCELP 2011
-Proyecto básico y de ejecución de dos viviendas pareadas. Encargo privado. Majadahonda, Madrid.
-Prototipo industrializado para un rocódromo. Encargo privado. Hoyo de Manzanares, Madrid.2011
-Proyecto de ejecución y diseño de interiores de una residencia de estudiantes en Trondheim, Noruega 2009
-Hospital pediátrico en el campus del hospital de Bathallapalli. Anantapur, India.2009
-Auditorio en el campus del hospital de Bathallapalli. Anantapur, India.2009
-Viviendas (apartamentos, residencia de enfermeras) en diferentes campus en Andra Pradesh, India. 2009
-Ampliación del laboratorio en el hospital de Bathallapalli. Anantapur, India.2009
-Farmacia en el campus del hospital de Bathallapalli. Anantapur, India.2009
-Centro cultural en Kaliandurg. Andra Pradesh, India. 2009
-Edificio de las cortes del Campus de la Justicia. Madrid, España.2008
-Edificio Social del Campus de la Justicia. Madrid, España 2008
-Colegio. Almadén, España. 2007
-Centro autonómico para gente discapacitada y sus familiares. Jaen, España.2007
-Residencia de personas mayores. Sonseca, Toledo, España.2006

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
**Pies Descalzos School**
Cartagena de Indias, Colombia

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2011
CONSTRUCTION *(If applicable)*: 2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Partner architect.** This school, designed for Pies Descalzos Foundation is located on the top of Loma del Peye Mountain within the city of Cartagena de Indias, Colombia. More than an educational building, the project seeks to provoke the consolidation of the neighborhood and improve the life of residents by generating alternatives for personal and community development as well as an environmental transformation of the area. The project has already become an architectural and urban landmark and an object of pride for the community.

The design of the building is based on a sequence of three intersected hexagons. Each hexagon defines a two level perimeter with a central patio. The hexagon contours define a perimeter circulation and contain the school's program. On the other hand, the covered patios have a variety of trees and plant species that create a micro-weather, giving each a specific character and disposition for different activities to take place. The vegetation selected will also attract the presence of native animals, encouraging the development of an ecological education. The architecture is a space of belonging, light and calm.

The building adapts to the geography of the place by creating a level sequence that permits the full use of the area. The preschool area is independent from the rest of the building and functions in one level. The library also functions on the first floor as it needs special conditions of access as well as more direct and public access from the street. The middle and high school areas are located in two bigger hexagons. Levels are connected vertically by a central ramp and stairs. The elements that come out from the building are special classrooms (science labs) that have big windows to provide a visual connection to the city. Additionally, the school has a multiple use hall, with sport services opened to an access plaza.. Construction Cost: $6.992.248. Size: 120.556 sq ft

b.

(1) TITLE AND LOCATION *(City and State)*
**Modern Art Museum**
Barranquilla, Colombia

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2014
CONSTRUCTION *(If applicable)*: Ongoing

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Project Manager.** The Museum is a continuation of El Parque Cultural del Caribe a Barranquilla Square dedicated to art, culture and learning about the Colombian Caribean Coast.Its program include gallery, museum shop, admittance. It will also have an addition of an Art Cinema Center. Barranquilla will have another culture center something that the city caress.
U$3.920.000. Size: 56.000 sq ft

(1) TITLE AND LOCATION *(City and State)*

(2) YEAR COMPLETED

| Los Libertadores University<br>Bogota, Colombia | PROFESSIONAL SERVICES<br>2013 | CONSTRUCTION *(If applicable)*<br>Ongoing |
|---|---|---|

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Project Manager.** A traditional University that its actual aim is to renovate their buildings. The new building for Bogota is flexible for different uses (classrooms, rest area, cafeteria). It also opens to the city and allows to building to interact with it.

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| **Carlos Medellin** | Concept director | a. TOTAL 5 | b. WITH CURRENT FIRM 3 |

15. FIRM NAME AND LOCATION (City and State)

EL EQUIPO DE MAZZANTI Bogotá, Colombia

| 16. EDUCATION *(DEGREE AND SPECIALIZATION)* | 17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)* |
|---|---|
| -Architect, Universidad de los Andes, Bogotá (2010)<br>-Strelka Institute for Media, architecture and design Postgraduate, Moscú, Research diploma (2012) | |

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Working Experience
El Equipo de Mazzanti, chief of concept and competitions, 2009 until today.
Universidad Javeriana. Adjunt Teacher, 2012 to present
Design Exhibition “We Play, They Play”. 2012
Strelka Institue for media, architecture and design. Research to develop a city guide to Moscow “Moscow Rules”. Research for a public space installation “Urban Porn” 2012
Sao Paulo Calling. Co-Curator, developing the exhibition “Medellin towards
social and political balance “to an international forum.
SENSEABLEcity Lab Co-investigator, researching on “Para-Sights” for SENSEABLEcity, Moscow, MIT Press, Cambridge 2012
University of the Andes, assistant professor “Graduation Project”. 2010-2011
Gilberto Alzate Avendaño, Co-Investigator - “Bicentennial Chair” Bogota 2010.
House Ithaca, interior design development at a bookstore home Guasca, Cund.

Publications and Awards
- Winner of architecture competitions with El Equipo de Mazzanti.
Santa Fe University Hospital
Extension Foundation.
New Velodrome City Bogota Medellin, Medellin
University Office Los Libertadores, Cartagena
- Scholarship to study a postgraduate research in progmmme led by OMA and AMO in Russia. 2011
- Moscow Rules, surviving Moscow, Strelka Institute. Moscow, Russia. 2012
- Research ParaCities, Breaking taboos for an urban renewal, Strelka Institute. Moscow Russia. 2012 - ParaSights, SENSEable City Moscow guide. MIT Press. Cambridge, USA. 2012
- Bogota Celebrates Bicentennial. Fundación Gilberto Alzate Avendaño. Bogota, Colombia. 2010
- Plasticiudad Fantasticiudad, Universidad de los Andes. Bogota, Colombia. 2010

19. RELEVANT PROJECTS

| | (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|---|
| | | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| a. | **Pies Descalzos School**<br>Cartagena de Indias, Colombia | 2011 | 2014 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Partner architect.** This school, designed for Pies Descalzos Foundation is located on the top of Loma del Peye Mountain within the city of Cartagena de Indias, Colombia. More than an educational building, the project seeks to provoke the consolidation of the neighborhood and improve the life of residents by generating alternatives for personal and community development as well as an environmental transformation of the area. The project has already become an architectural and urban landmark and an object of pride for the community.

The design of the building is based on a sequence of three intersected hexagons. Each hexagon defines a two level perimeter with a central patio. The hexagon contours define a perimeter circulation and contain the school's program. On the other hand, the covered patios have a variety of trees and plant species that create a micro-weather, giving each a specific character and disposition for different activities to take place. The vegetation selected will also attract the presence of native animals, encouraging the development of an ecological education. The architecture is a space of belonging, light and calm.

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b.

(1) TITLE AND LOCATION *(City and State)*
**Modern Art Museum**
Barranquilla, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2014 | Ongoing |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Project Manager.** The Museum is a continuation of El Parque Cultural del Caribe a Barranquilla Square dedicated to art, culture and learning about the Colombian Caribean Coast.Its program include gallery, museum shop, admittance. It will also have an addition of an Art Cinema Center. Barranquilla will have another culture center something that the city caress.
U$3.920.000. Size: 56.000 sq ft

c.

(1) TITLE AND LOCATION *(City and State)*
**Los Libertadores University**
Bogota, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2013 | Ongoing |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Project Manager.** A traditional University that its actual aim is to renovate their buildings. The new building for Bogota is flexible for different uses (classrooms, rest area, cafeteria). It also opens to the city and allows to building to interact with it.

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| **Juana Salcedo** | Architect -History | a. TOTAL 5 | b. WITH CURRENT FIRM 1 |

15. FIRM NAME AND LOCATION (City and State)

EL EQUIPO DE MAZZANTI Bogotá, Colombia

16. EDUCATION *(DEGREE AND SPECIALIZATION)*

-Master of Environmental Design, Yale University (Thesis: Urbanism and urban planning in the great Amazon. The Transformation of the Venezuelan Guayana) 2013

-B.A in Architecture, Universidad de Los Andes, Bogota, Colombia B.A in History, Universidad de Los Andes, Bogota, Colombia 2002-2010

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Professional Experience

El Equipo de Mazzanti

Exhibitions

Editorial and Research Assistant of the exhibition CASA+CASA=CIUDAD? Germán Samper. Una investigación enVivienda, Universidad de Los Andes. Link: http://viviendagermansamper.uniandes.edu.co/ (Awarded with the second prize at the XXIII Quito Biennale. Category Theory, History and Criticism of Architecture, Urbanism and Landscape, 2012.)

-Editorial, Research and Curatorial Assistant of the project Le Corbusier in Bogota 1947-1951, Universidad de Los Andes. Link: http://www.lecorbusierenbogota.com/ Jan. 2009- Sep. 2010 (Project awarded with the first prize at the XXII Colombian Biennale of Architecture. Category Publications and Communication).

Relevant Projects

-Apartment 82 St., Renovation. Area: 220 sm., Bogota, Colombia. 2013

- House “El Jardín.” Area: 300 sm., Tenjo, Colombia. Contractors: SyG Arquitectos. 2009-2011

Grants and Honors

Awarded with the Everett Victor Meeks Graduate Fellowship in recognition of academic excellence. 2014

Travel Grant, Council of Latin American and Iberian Studies, Yale University. 2012

Grant for Graduate Studies, Colfuturo, Colombia.2011

Young Researchers and Innovators Fellowship “Virginia Gutiérrez de Pineda,” National Department of Science and Technology (Colciencias) and Universidad de Los Andes. 2010

First Honorable Mention, IX Annual of Students of Architecture, Colombian Society of Architects for the B.A. thesis: “New Architecture in Conservation Areas in Bogota.” 2009

Honor’s B.A. thesis in Architecture, Universidad de Los Andes. 2009

Publications

-“Panorama de la vivienda y la ciudad en el siglo XX,”

-Bermudez and Eugenia Gaviria) Link: http://viviendagermansamper.uniandes.edu.co/pdf/libro_GSamper.pdf

- “Autoconstrucción dirigida, Vivienda productiva y ejercicios sobre la densidad,”

-“Las grillas CIAM y MARS en el Plan Piloto de Bogotá, 1950-1951,”

19. RELEVANT PROJECTS

| | (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|---|
| | | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| a. | **Pies Descalzos School** Cartagena de Indias, Colombia | 2011 | 2014 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Partner architect.** This school, designed for Pies Descalzos Foundation is located on the top of Loma del Peye Mountain within the city of Cartagena de Indias, Colombia. More than an educational building, the project seeks to provoke the consolidation of the neighborhood and improve the life of residents by generating alternatives for personal and community development as well as an environmental transformation of the area. The project has already become an architectural and urban landmark and an object of pride for the community.

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**b.**

(1) TITLE AND LOCATION *(City and State)*
**Modern Art Museum**
Barranquilla, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2014 | Ongoing |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Project Manager.** The Museum is a continuation of El Parque Cultural del Caribe a Barranquilla Square dedicated to art, culture and learning about the Colombian Caribean Coast.Its program include gallery, museum shop, admittance. It will also have an addition of an Art Cinema Center. Barranquilla will have another culture center something that the city caress.
U$3.920.000. Size: 56.000 sq ft

(1) TITLE AND LOCATION *(City and State)*
**Los Libertadores University**
Bogota, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2013 | Ongoing |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Project Manager.** A traditional University that its actual aim is to renovate their buildings. The new building for Bogota is flexible for different uses (classrooms, rest area, cafeteria). It also opens to the city and allows to building to interact with it.

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| **Sebastián Negret** | Architect -Engineer | a. TOTAL 5 | b. WITH CURRENT FIRM 1 |

15. FIRM NAME AND LOCATION (City and State)

EL EQUIPO DE MAZZANTI Bogotá, Colombia

| 16. EDUCATION *(DEGREE AND SPECIALIZATION)* | 17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)* |
|---|---|
| Bachillerato en el Colegio Helvetia Bogotá - Colombia (2001)<br>Arquitectura en la Universidad de Los Andes, Bogotá (2008)<br>Magister en técnología de la arquitectura, diseño estructural en la Universidad Politécnica de Catalunia Catalunia, Spain (2012) | |

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Working Experience
- Structures proffesor Universidad de Los Andes (En curso)
- CNI Ingenieros, Bogota, Colombia
- Mazzanti Arquitectos, Bogota, Colombia

Prizes and Acknowledgments
- Mención en la XXI Bienal colombiana de arquitectura por el proyecto CATARSIS, desarrollado por el núcleo de investigación de La Universidad de los Andes. Bogotá, Colombia (2009)

Lectures
-Pregrad invited UPC, Tecnología Ferrocemento (2012)

Relevant projects as an structural engineer
- Capilla Gimnasio Campestre Bogotá, Colombia (2012)
- Edificio Universidad Ciudad, Universidad Javeriana Bogotá, Colombia (2013)
- Hospital de Villavicencio, Colombia (2013)
- Nuevo Velódromo de Medellín, Colombia (2013)

Relevant projects as an architect
- Ampliación Fundación Santa Fé de Bogotá, Colombia (2014)
- Parque educativo Marinilla, Antioquia, Colombia (2013-2014)

Architecture competitions
- Concurso Coliseos para los juegos Suraméricanos, Medellín, Colombia (2011)
- Concurso IB College Colegio Anglo Colombiano (2014)

Publications
- Revista DeArq Universidad de Los Andes (2009)

19. RELEVANT PROJECTS

| | (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|---|
| | | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| a. | **Pies Descalzos School**<br>Cartagena de Indias, Colombia | 2011 | 2014 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Engineer.** This school, designed for Pies Descalzos Foundation is located on the top of Loma del Peye Mountain within the city of Cartagena de Indias, Colombia. More than an educational building, the project seeks to provoke the consolidation of the neighborhood and improve the life of residents by generating alternatives for personal and community development as well as an environmental transformation of the area. The project has already become an architectural and urban landmark and an object of pride for the community.

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The building adapts to the geography of the place by creating a level sequence that permits the full use of the area. The preschool area is independent from the rest of the building and functions in one level. The library also functions on the first floor as it needs special conditions of access as well as more direct and public access from the street. The middle and high school areas are located in two bigger hexagons. Levels are connected vertically by a central ramp and stairs. The elements that come out from the building are special classrooms (science labs) that have big windows to provide a visual connection to the city. Additionally, the school has a multiple use hall, with sport services opened to an access plaza.. Construction Cost: $6.992.248. Size: 120.556 sq ft

**b.**

(1) TITLE AND LOCATION *(City and State)*
**Educational Park Marinilla**
Marinilla, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2012 | Ongoing |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Engineer.** This competition was awarded for 30 Colombian architect, each of them received a town were a project would be constructed. Our town was Marinilla an educational park that will serve the community, education and public space. 107.639 sq ft. U$3.139.170

**c.**

(1) TITLE AND LOCATION *(City and State)*
**Fundación Santa Fe Medical Center**
Bogota, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2013 | Ongoing |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Engineer.** Every healthcare facility should not only worries about the efficiency of the spaces but the people. The people that attends to the medical center is people that needs help but also that will stay some time so we have to make sure the building works for the enterprise and for the people to heal. Construction cost U$41,399.67 Size 410.000 sq ft.

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| **Laura Jaramillo** | Biologist | a. TOTAL 7 | b. WITH CURRENT FIRM 7 |

15. FIRM NAME AND LOCATION (City and State)

EL EQUIPO DE MAZZANTI Bogotá, Colombia

16. EDUCATION *(DEGREE AND SPECIALIZATION)*

Magíster en Economía del Medio Ambiente y Recursos 2002 – 2005
Naturales (PEMAR). University of Maryland y Universidad de los Andes, Bogotá, Colombia.
Bióloga 1996 – 2001
Universidad de los Andes, Bogotá, Colombia
Bachiller Ciencias Naturales 1981- 1995
Colegio Columbus School, Medellín, Colombia

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Working Experience
Mazzanti & Arquitectos SA Febrero Gerente Administrativa Bogotá, Colombia 2013 – ongoing
Fundación Alejandro Ángel Escobar Directora Bogotá, Colombia Julio 2011 – Noviembre 2012
Fundación Alejandro Ángel Escobar Directora encargada Bogotá, Colombia Agosto 2010 – Julio 2011
Almacén Casa Púrpura Socia Fundadora Junio 2007 – Mayo 2010
Fundación Alejandro Ángel Escobar Asistente de Dirección Junio 2004 – Noviembre 2006
Coordinadora Fondo Colombia Biodiversa Bogotá, Colombia

19. RELEVANT PROJECTS

**a.**

(1) TITLE AND LOCATION *(City and State)*
**Pies Descalzos School**
Cartagena de Indias, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2011 | 2014 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Biologist.** This school, designed for Pies Descalzos Foundation is located on the top of Loma del Peye Mountain within the city of Cartagena de Indias, Colombia. More than an educational building, the project seeks to provoke the consolidation of the neighborhood and improve the life of residents by generating alternatives for personal and community development as well as an environmental transformation of the area. The project has already become an architectural and urban landmark and an object of pride for the community.

The design of the building is based on a sequence of three intersected hexagons. Each hexagon defines a two level perimeter with a central patio. The hexagon contours define a perimeter circulation and contain the school's program. On the other hand, the covered patios have a variety of trees and plant species that create a micro-weather, giving each a specific character and disposition for different activities to take place. The vegetation selected will also attract the presence of native animals, encouraging the development of an ecological education. The architecture is a space of belonging, light and calm.

The building adapts to the geography of the place by creating a level sequence that permits the full use of the area. The preschool area is independent from the rest of the building and functions in one level. The library also functions on the first floor as it needs special conditions of access as well as more direct and public access from the street. The middle and high school areas are located in two bigger hexagons. Levels are connected vertically by a central ramp and stairs. The elements that come out from the building are special classrooms (science labs) that have big windows to provide a visual connection to the city. Additionally, the school has a multiple use hall, with sport services opened to an access plaza.. Construction Cost: $6.992.248. Size: 120.556 sq ft

**b.**

(1) TITLE AND LOCATION *(City and State)*
**Educational Park Marinilla**
Marinilla, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2012 | Ongoing |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Biologist.** This competition was awarded for 30 Colombian architect, each of them received a town were a project would be constructed. Our town was Marinilla an educational park that will serve the community, education and public space. The domesticity of the place help us to develop the concept. 107.639 sq ft. U$3.139.170

c.

(1) TITLE AND LOCATION *(City and State)*
**Fundación Santa Fe Medical Center**
Bogota, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2013 | Ongoing |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Biologist.** Every healthcare facility should not only worries about the efficiency of the spaces but the people. The people that attends to the medical center is people that needs help but also that will stay some time so we have to make sure the building works for the enterprise and for the people to heal. 900.000 sq ft. U$20.000.000

d.

(1) TITLE AND LOCATION *(City and State)*
**Ciudad de la Alegria Kindergarten - Timayui**
Santa Marta, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2009 | 2010-2011 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Biologist.** This project responds to the political concerns of the municipality of Santa Marta and the Carulla Foundation to improve the educational conditions of the displaced communities that have settled at the outer perimeter of the city. These areas are often characterized by violence and lack of public infrastructure. The project is meant to develop an infrastructure for improving the conditions of early childhood education in low-income communities, addressing the needs of the most vulnerable populations, between the ages of 0 and 5 years old. Rather than being a formal object, the image of the building refers to the geography of the region.

Our intention was to develop an architectural landscape that relates to the localized geographical and topographical conditions of the site. We postulate organizational programs to develop projects that promote a “new natural contract” by reformulating the relationship between figure and background. Our project has developed a functional strategy, and an environmen- tal space based on a modular system of repeated patterns that can be connected in various ways. This allows the system to adapt to various urban, programmatic, ecological and political situations..
Construction Cost: U$968.760. Size 16.146 sq ft

e.

(1) TITLE AND LOCATION *(City and State)*
**Forest of Hope - Cazuca**
Bogota, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2010 | 2011 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Biologist.** . Forest of hope is a sports center on the outskirts of Bogotá where neighbors can take part in various recreational and academic activities that help foster a cooperative community. It consists of a canopy where modules can be added depending on circumstances and desires for coverage and densities.

Forest of hope is located in the municipally of Soacha, Altos de Cazucá, a very depressed area that lacks of public infrastructure. The neighborhood is known for its security problems and is home to thousands of people that have been displaced from their hometowns due to social conflict.

Continuing our investigation into the potentials of architecture, the main interest of the project lies in producing actions, changes and relationships which generate shapes, patterns or open organizations that promote social actions. FOREST OF HOPE is an open project, made out of modules that have the potential to grow and adapt to different situations. As such area residents currently use the structure in a variety of ways: as a sports field, open-air market, church and concert arena.
Construction Cost: U$301.412. Size: 8.611 sq. ft.

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| **Alessio Mazzanti** | Advisor | a. TOTAL 25 | b. WITH CURRENT FIRM 25 |

15. FIRM NAME AND LOCATION (City and State)

EL EQUIPO DE MAZZANTI Bogotá, Colombia

16. EDUCATION *(DEGREE AND SPECIALIZATION)*

-Kellogg School of Management, Executive Management Program, Kellogg Alumni, 2010

-Harvard Business School, Executive Education, Strategy and Innovation, 2005

-London School of Economics, Diploma in Economics, London, UK, 1995

-MBA, Universidad de los Andes, Bogota, Colombia, 1991

-Civil Engineering Degree, Universidad de los Andes, Bogota, Colombia, 1987

-Licensed Representative: Series 7 and Series 63

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Working Experience

-LATAM investment banking. Ongoing

-PAF SECURITIES, LLC, Miami, FL • 2005-2011

-SANTO DOMINGO GROUP, Miami, FL • 2001-2005

-VIOLY, BYORUM & PARTNERS, LLC, New York, NY & Bogota, Colombia 1996-2001

19. RELEVANT PROJECTS

**a.**

(1) TITLE AND LOCATION *(City and State)*

**Parque Tercer Milenio**

Bogota, Colombia

| (2) YEAR COMPLETED | |
|---|---|
| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| 1998 | 2004 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

**Resource Manager.** Third Millennium Park is part of a municipal initiative to improve and revitalize depressed areas of the city of Bogota. The park is located on the site of what was formerly known as La Calle del Cartucho (Cartridge Street), which was one of the first areas affected by the city's urban regeneration process. The park is located in the Barrio Santa Ines, between Carrera 10 and Avenida Caracas 10th Street and 6th Street. It has an area of 16.7 hectares, comprised of 640 properties of which 80% were purchased by the city's Urban Renewal Office.

The park has a very specific area zoned for entertain- ment without discrimination. There are variety of playgrounds for tennis, basketball and football. The aim of the design is to make space for all - children, youth and adults. A park without fences,

Third Millennium is one of the few wide-open public spaces that exist in the city. Users can access the park at multiple points, and are able to gain direct entry from almost any of the surrounding streets. Additionally, the park's greenery plays a very important role in terms of noise reduction surrounding streets, with plenty of traffic.. U$53.287.350. Size: 1.442.364 sq. ft.

**b.**

(1) TITLE AND LOCATION *(City and State)*

**Spain Public Library Park**

Medellin, Colombia

| (2) YEAR COMPLETED | |
|---|---|
| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| 2009 | 2009-2010 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Resource Manager.** Rather than create a stand-alone building, we propose an operational geography that is integrated with the valley, as a mechanism for organizing program and highlighting natural elements of the surrounding area. This calls to attention the hidden and irregular contours of the mountain while producing a building that echoes the hilly landscape. The building redefines the folded structure of the mountain as form and space, eliminating the idea of landscape as a background and enhancing the building's assimilation into the landscape.

The site is defined of small brick houses mostly constructed as an expression the desires of residents of the surrounding steep slopes. This form of organi- zation gives a uniform texture to the city with no visible hierarchy. As a main tourist attraction in Medellín, the project is visible from much of the city. Quickly adopted by the residents of the area as a symbol of the new Medellín, a sensation of pride and a greater sense of belonging is exhibited within the surrounding community, through regular use and care for the library. Construction Cost: U$2.607.670. Size: 40.717 sq. ft.

**c.**

(1) TITLE AND LOCATION *(City and State)*
**Ciudad de la Alegria Kindergarten - Timayui**
Santa Marta, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2009 | 2010-2011 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Resource manager.** This project responds to the political concerns of the municipality of Santa Marta and the Carulla Foundation to improve the educational conditions of the displaced communities that have settled at the outer perimeter of the city. These areas are often characterized by violence and lack of public infrastructure. The project is meant to develop an infrastructure for improving the conditions of early childhood education in low-income communities, addressing the needs of the most vulnerable populations, between the ages of 0 and 5 years old. Rather than being a formal object, the image of the building refers to the geography of the region.

Our intention was to develop an architectural landscape that relates to the localized geographical and topographical conditions of the site. We postulate organizational programs to develop projects that promote a "new natural contract" by reformulating the relationship between figure and background. Our project has developed a functional strategy, and an environmen- tal space based on a modular system of repeated patterns that can be connected in various ways. This allows the system to adapt to various urban, programmatic, ecological and political situations.. Construction Cost: U$968.760. Size 16.146 sq ft

**d.**

(1) TITLE AND LOCATION *(City and State)*
**Forest of Hope - Cazuca**
Bogota, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2010 | 2011 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Resource Manager.** . Forest of hope is a sports center on the outskirts of Bogotá where neighbors can take part in various recreational and academic activities that help foster a cooperative community. It consists of a canopy where modules can be added depending on circumstances and desires for coverage and densities.

Forest of hope is located in the municipally of Soacha, Altos de Cazucá, a very depressed area that lacks of public infrastructure. The neighborhood is known for its security problems and is home to thousands of people that have been displaced from their hometowns due to social conflict.

Continuing our investigation into the potentials of architecture, the main interest of the project lies in producing actions, changes and relationships which generate shapes, patterns or open organizations that promote social actions. FOREST OF HOPE is an open project, made out of modules that have the potential to grow and adapt to different situations. As such area residents currently use the structure in a variety of ways: as a sports field, open-air market, church and concert arena. Construction Cost: U$301.412. Size: 8.611 sq. ft.

**e.**

(1) TITLE AND LOCATION *(City and State)*
**Pies Descalzos School**
Cartagena de Indias, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 0000 | 0000 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Resource manager.** This school, designed for Pies Descalzos Foundation is located on the top of Loma del Peye Mountain within the city of Cartagena de Indias, Colombia. More than an educational building, the project seeks to provoke the consolidation of the neighborhood and improve the life of residents by generating alternatives for personal and community development as well as an environmental transformation of the area. The project has already become an architectural and urban landmark and an object of pride for the community.

The design of the building is based on a sequence of three intersected hexagons. Each hexagon defines a two level perimeter with a central patio. The hexagon contours define a perimeter circulation and contain the school's program. On the other hand, the covered patios have a variety of trees and plant species that create a micro-weather, giving each a specific character and disposition for different activities to take place. The vegetation selected will also attract the presence of native animals, encouraging the development of an ecological education. The architecture is a space of belonging, light and calm.

The building adapts to the geography of the place by creating a level sequence that permits the full use of the area. The preschool area is independent from the rest of the building and functions in one level. The library also functions on the first floor as it needs special conditions of access as well as more direct and public access from the street. The middle and high school areas are located in two bigger hexagons. Levels are connected vertically by a central ramp and stairs. The elements that come out from the building are special classrooms (science labs) that have big windows to provide a visual connection to the city. Additionally, the school has a multiple use hall, with sport services opened to an access plaza.. Construction Cost: $6.992.248. Size: 120.556 sq ft

**f.**

(1) TITLE AND LOCATION *(City and State)*

**Four Sport Scenarios for Southamerican Games**

Medellin, Colombia

(2) YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
|---|---|
| 2008 | 2009 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm

**Resource manager.** Our project took the interior and exterior in a unified way. The outdoor public space and sporting venues are in a continuous space, thanks to a large deck built through extensive stripes out, perpendicular to the direction of the positioning of the main buildings. Each of the four sporting venues operates independently, but in terms of urban space and behave as one large continent built with public open spaces, semi-covered public spaces, and indoor sports

The project has been thought as a new geography to the interior of the elongated Aburrá Valley, midway between Cerro Nutibara and Cerro El Volador. It is a building that seems to be another mountain in the city; from the remote or from the top has an abstract image geographic and festive; from the inside, the movement of the steel structure, allows the filtered sunlight to get inside the space, which is the suitable condition for the conduct of sporting events.. Construction Cost: U$19.000.000. Size: Built area 330.338 sq ft Public Space 252.177 sq ft

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| **Nicolas Paris** | Advisor ArtistSocial Research | a. TOTAL 12 | b. WITH CURRENT FIRM 3 |

15. FIRM NAME AND LOCATION (City and State)

EL EQUIPO DE MAZZANTI Bogotá, Colombia

| 16. EDUCATION *(DEGREE AND SPECIALIZATION)* | 17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)* |
|---|---|
| Artist | |

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Solo Exhibitions
-ROOM FOR US. Kadist Art Foundation. Paris, France. 2013
-RESISTANCE EXERCISES. Contemporary Art University Museum MUAC. Mexico D.F, Mexico. 2012
-UNLEARN. Luisa Strina Gallery. Sao Paulo, Brazil.
2010
-INTERACTION METHOD * RANDOM ORDER. LABOR. Mexico D.F, Mexico. 2009
-CLASSROOM. Museum of Modern Art of Medellin MAMM. Medellin, Colombia. (On going)
-RESISTANCE EXERCISES. Zona Maco Sur. Mexico D.F, Mexico. 2008
-AS SIMPLE AS A LINE OR A CIRCLE (with Ignacio Uriarte). LABORATORY 987. MUSAC. Leon, Spain.
-TWOFOLD. Public Library ¨El Tintal¨ Manuel Zapata Olivella. Bogota, Colombia.
-TWOFOLD. Valenzuela Klenner Gallery. Bogota, Colombia.
Group Exhibitions
2014
-AN INFINITE CONVERSATION. The Berardo Collection Museum. Lisbon, Portugal.
-THE PEACOCK. Grazer Kunstverein. Graz, Austria.
-AUTODESTRUCCION4: DEMOLICIÓN (invited by Abraham Cruzvillegas). Thomas Dane Gallery. London, England.
-A PAUSE FOR REFLEXION. MUSAC. Leon, Spain.
2013
-SABER DESCONOCER.43 Salón (inter) Nacional de Artistas. Medellin, Colombia.
-DO IT {travel exhibition}. Manchester International Festival at Manchester Art Gallery. Manchester, England.
-APOSSIBILITY OF ESCAPE STORMING THE REALITY STUDIO AND RETAKING THE UNIVERSE. EACC. Castello, Spain.
-DO IT (outside). Socrates Sculpture Park. New York, USA.
-NEW LINKS. Hacienda la Trinidad Parque Cultural. Caracas, Venezuela.
-UNTAPPED CAPITAL, IDEAS CITY Festival. New Museum. New York, USA.
-DON'T BLAME ANYONE. CCS Bard Hessel Museum of Art. Annandale-on-Hudson/NY, USA.
-WHEN ATTITUDES BECAME FORM BECOME ATTITUDES {travel exhibition}. Museum of Contemporary Art. Detroit, USA.
2012
INTER-CITY PAVILLIONS (BOGOTA). 9th Shanghai Biennale. Shanghai, China.
WHEN ATTITUDES BECAME FORM BECOME ATTITUDES. CCA Wattis Institute. San Francisco, USA.
THE IMMINENCE OF THE POETICS. 30th Sao Paulo Biennale. Sao Paulo, Brazil.
INDUSTRIAL PARK. Luisa Strina Gallery. Sao Paulo, Brazil.
-THE UNGOVERNABLES. New Museum Triennial. New York, USA.
-MUMO Mobile Museum. Mobile exhibition for children supported by UNESCO. Travels throughout France and Africa.2011
-THE AIR WE BREATHE. SFMOMA. San Francisco, USA.
-MODIFY, AS NEEDED. MOCA North Miami. Miami, USA.
-PARAPATETIC SCHOOL Drawing room. London, England. Travel to MIMA. Middlesbrougt, England.
-A TERRIBLE BEAUTY IS BORN. 11th Biennale de Lyon. Lyon, France.
-ILLUMInations. International exhibition 54th Venice Biennale. Venice, Italy.
-MARALOTO. Museum Banco de la República. Bogota, Colombia.
-ALÉM DA BIBLIOTECA. Museum Lasar Segall. Sao Paulo, Brazil.
-FAT CHANCE TO DREAM. MaisterraValbuena Gallery. Madrid, Spain.
-AN OTHER PLACE. Lelong Gallery. New York, USA.
-DES(ENHO). Casas Reigner Gallery. Bogota, Colombia.
-YOU US. CCE/G. Guatemala City, Guatemala.
-THE DRAUGHTSMAN'S CONTRACT. Carlos Garaicoa Open Studio 5.0. Madrid, Spain.2010
-VANISHING POINTS, POSSIBLE ARCHITECTURES. Ibero-american Biennial of Architecture. Medellin, Colombia.
-MODEL KITS. MUSAC. Leon, Spain.
-PANAMERICANA. kurimanzutto. Mexico D.F, Mexico.

-TENTATIVE D´EXPANSION D´UN LIE PARISIEN. Mor Charpentier Gallery. Paris, France.
-MEETING AREAS. Ignacio Liprandi Gallery. Buenos Aires, Argentina.
2009
-GRITO E ESCUTA: 7th BIENNIAL OF MERCOSUR. Porto Alegre, Brazil.
-HOUSE OF APPOINTMENTS. Museum of Antioquia. Medellin, Colombia.
-ASYMMETRIES AND CONVERGENCES. Vermelho Gallery. Sao Paulo, Brazil.
-VAMOS. Nueveochenta Gallery. Bogota, Colombia. 2008
-URGENT CALI: 41 SALÓN NACIONAL DE ARTISTAS. Cali, Colombia.
-ONE PLUS ONE, CROWD. Domestico. Madrid, Spain.
-BIS_08. Ibero-american Biennial of Design. Madrid, Spain.
-EDGES AND ENDS. Casa del Encuentro, Museum of Antioquia. Medellin, Colombia.
-ARTIST BOOK. International Book Fair. Bogota, Colombia.
-IMAGIN+A. Museum of Modern Art of Medellin MAMM. Medellin, Colombia. 2007
-ONE COLLECTION. Centro Colombo Americano. Bogota, Colombia.
-RECYCLE. Projects VK. Bogota, Colombia.
-COLLECTIVE. Valenzuela Klenner Gallery. Bogota, Colombia.2006
-TOPOLOGY: FIELD IN TRANSIT. Salon de Arte BBVA. Museum Casa de Moneda. Bogota, Colombia.
-KROMATICA. Laduarte Gallery. Bogota, Colombia.
-PROCESOS DE INTERCAMBIO Y CONVERSIÓN. Project Room ASAB, Academy of Fine Arts. Bogota, Colombia.
-N.N. El Garaje Gallery, Bogota, Colombia. 2005
INVISIBILITY. Good man Duarte Gallery. Bogota, Colombia.
PARAPATETIC SCHOOL {travel exhibition}. Museum Banco de la República. Bogota, Colombia.
-THE UNGOVERNABLES. New Museum Triennial. New York, USA.
-MUMO Mobile Museum. Mobile exhibition for children supported by UNESCO. Travels throughout France and Africa.
2011
-THE AIR WE BREATHE. SFMOMA. San Francisco, USA.
-MODIFY, AS NEEDED. MOCA North Miami. Miami, USA.
-PARAPATETIC SCHOOL Drawing room. London, England. Travel to MIMA. Middlesbrougt, England.
-A TERRIBLE BEAUTY IS BORN. 11th Biennale de Lyon. Lyon, France.
-ILLUMInations. International exhibition 54th Venice Biennale. Venice, Italy. -MINI. El Garaje Gallery. Bogota, Colombia. 2002
-IDEOGRAPHIC. Project Room, Los Andes University. Bogota, Colombia.

Pedagogical projects
2014
-ROOM FOR US. Kadist Art Foundation. Paris, France.
-STUDY FOR PEDAGOGYCAL MATERIAL.43 Salón (inter) Nacional de Artistas. Medellin, Colombia.
2012
-PEDAGOGICAL DIAGRAMAS OR ARCHITECTURE FOR BIRDS. 30th Sao Paulo Biennale. Sao Paulo, Brazil.
-RESISTANCE EXERCISES. Contemporary Art University Museum MUAC. Mexico D.F, Mexico.
2012 - 2013
-RADICAL LEARNING. New Museum Triennial. New York, USA.
-RESISTANCE EXERCISES. Contemporary Art University Museum MUAC. Mexico D.F, Mexico.
2011
- HISTORY OF EXPANDABLE PARTS / DIAGRAM OF ONTERACTION. MODIFY, AS NEEDED. MOCA North Miami. Miami, USA.
-WAITING EXERCICES. MARALOTO. Museum Banco de la República. Bogota, Colombia.
-CLASSROOM: PARTIAL EXERCICES. ILLUMInations. 54th Venice Biennale. Venice, Italy.
2010
-RESISTANCE EXERCISES. La Galería de Comercio. Mexico City D.F, Mexico.
2009 - 2011
-CLASSROOM. Museum of Modern Art of Medellin. Medellin, Colombia. (On going)
2009
-FOLDING ARCHITECTURE. 7th Biennial of MERCOSUR. Porto Alegre, Brazil.
2008
-URGENT CALI: 41 SALÓN NACIONAL DE ARTISTAS. Cali, Colombia.
-AS SIMPLE AS A LINE OR A CIRCLE. LABORATORY 987. Museum of Contemporary art of Castilla and Leon MUSAC. Leon, Spain.
-EDGES AND ENDS. Casa del Encuentro, Museum of Antioquia. Medellin, Colombia.
-IMAGIN+A. Museum of Modern Art of Medellin. Medellin, Colombia.
-TWOFOLD. Public Library ¨El Tintal¨ Manuel Zapata Olivella. Bogota, Colombia
2005 – 2009

-Asociación La Macarena / Fondo Acción Ambiental Niñez. La Macarena, Meta / Bogota.
2004 / 2005 / 2006
PRANA Incubadoras de Empresas Culturales / Instituto Distrital de Cultura. Bogota.
In the framework of the Apoyos Concertados project, in charge of coaching and conceiving the model to train cultural promoters in the localities of Bogota.
2001 - 2002
-Grupo Spira. Bogota.
2000
-Coordinación Educativa del Ariari / Asociación La Macarena. La Macarena, Meta.
Grants
-Artist in residency Fall 2013 – KADIST Paris. Paris, France.
-Artist in residency 2012 – FAAP/30th Sao Paulo Biennale. Sao Paulo, Brazil.
-Museum as Hub residency 2012-2013 – THE UNGOVERNABLES. New Museum Triennial. New York, USA.
-Residency program "Artistas en Disponibilidad" 2009– 7ª Biennial of MERCOSUR. Porto Alegre, Brazil.
-MUSAC Grants 2007/2008 – Museum of Contemporary Art of Castilla and Leon. Leon, Spain.
-BBVA Art Salon 2006 – Acquisition, BBVA Colombia Collection. Bogota, Colombia.
-Fondo para la Acción Ambiental y la Niñez 2005- 2007– Selected Project, Asociación Macarena. La Macarena-Bogota, Colombia.
-Apoyos Concertados. Instituto Distrital Cultura y Turismo de Bogota 2004/2005/2006 – Selected Project, PRANA. Bogota, Colombia.
Artist Book
TWOFOLD (DOBLEFAZ). La Silueta editions. First edition 2008 / Second edition 2011.

19. RELEVANT PROJECTS

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**
*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| **Javier Perez** | Advisor Economist-Urban Planner | a. TOTAL 10 | b. WITH CURRENT FIRM 1 |

15. FIRM NAME AND LOCATION (City and State)

EL EQUIPO DE MAZZANTI Bogotá, Colombia

| 16. EDUCATION *(DEGREE AND SPECIALIZATION)* | 17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)* |
|---|---|
| Education<br>PhD. City and Regional Planning, Cornell University, New York, 2008<br>Master degree Economics, Los Andes University, Bogota, 2006<br>BA. Historia, Los Andes University, Bogota, 2005<br>Bachelor degree Economics, Los Andes University, Bogota, 2004 | |

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Working Experience
2010-Onwards
-Research Assistant Department of City and Regional Planning. Cornell University. Ithaca, NY.
-Transition Towards a Non-fossil Fuel Economy: A Study of Hawaii's Potential as a Hydrogen Dependent Economy. P.I: Kieran Donaghy.
-Economic Impact Assessment in the Gas Drilling Initiative in the Marcellus Shale. P.I.: Kieran Donaghy.
2010- Onwards
-Research Assistant Charles H. Dyson School of Applied Economics and Management. Cornell University. Ithaca, NY.
-Supply-chain analysis of lettuce in the Northeastern States. P.I.: Miguel Gómez.
-2004-2005 Research AssistantDepartamento Administrativo de Ciencia, Tecnología e Innovación - Colciencias.Bogotá, Colombia
-2003-2004 Asistente de investigación Centre of Interdisciplinary Studies for Development - CIDER. Universidad de los Andes. Bogotá, Colombia

Dissertation
Title Advances of a Dynamic Spatial Computable General Equilibrium Model: It's Application in Natural Resource Economics
Main Advisor Professor Kieran Donaghy
Minor Advisors Professor Susan Christopherson & Assistant Professor Miguel Gomez

Research and teaching fields
Regional Science, Natural Resource Economics, Urban Economics, City Planning

Publications
-Jablonski, R.; Perez-Burgos, J. and Gomez, M. (2011). Food Value Chain Development in Central New York: CNY Bounty, Journal of Agriculture, Food Systems, and Community Development (JAFSCD), Vol. 1, Issue 4.
-Pérez-Burgos, J. (2006). Bogotápolis: Un estudio sobre la localización del empleo en Bogotá 1992-2003. Revista Desarrollo y Sociedad, No. 57, CEDE, Universidad de Los Andes, Bogotá, Primer Semestre.
-Perez-Burgos, J., and K. Donaghy. A Regional Economic Impact Analysis of Natural Gas Extraction in the Marcellus Shale. Paper presented at the North American Meetings of the Regional Science Association International-NARSA, November 7-11, Ottawa, Canada, (2012).

-Perez-Burgos, J., M. Gomez, and N. Bills. Measuring Agglomeration
Economies in the Greenhouse and Nursery Markets in the Northeast: A Spatial Panel Data Approach.
-Perez-Burgos, J., M. Gomez, L. Albright, and D. de Villers. Is Local per se Really Environmentally Sustainable? A Case Study of Lettuce's Energy Requirements in the American Northeast.
-Donaghy, K.P., T. Friesz, and J. Perez-Burgos Analyzing Short- and Long-Term Impacts of Natural Gas Drilling in the Marcellus Shale with a Spatial Dynamic CGE Model of the Regional Economy. Paper presented at the North American Meetings of the Regional Science Association International-NARSA, November 10-13, Denver, Colorado, (2010).
-Perez-Burgos, J. To Be or Not to Be. . . Registered? New Firm-Level Informality Evidence from Colombian Cities. Paper presented at the North American Meetings of the Regional Science Association International-NARSA, November 10-13, Denver, Colorado, (2010)
-Perez-Burgos, J. The Location of Jobs in the Developing Metropolis. Paper presented at the Regional Science of the Americas Conference –RSA, Cartagena, Colombia, (2009).

19. RELEVANT PROJECTS

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| | | A. TOTAL | B. WITH CURRENT FIRM |
| Michael English, PE | Lead Planner | 32 | 2 |

15. FIRM NAME AND LOCATION *(City and State)*

BCC Engineering, Inc., Tampa, FL

| 16. EDUCATION *(Degree and Specialization)* | 17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)* |
|---|---|
| BA Business / 1971 / Florida State University | AICP / #018396 |

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

## 19. RELEVANT PROJECTS

**a.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| City of Sarasota Mobility Plan, Streetcar Feasibility Study<br>City of Sarasota, FL | 2013 | N/A |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

As a component of the larger effort of preparing a Mobility Plan for the City, Michael's team prepared a feasibility Study comparing the costs and benefits of an electric (steel wheel) streetcar system and a rubber-tire circulator for downtown Sarasota. Study elements included alternative alignments, technology, capital and operating costs, economic development potential and land use analysis, governance and case studies of other cities with such facilities. Primary Role: Principal-in-Charge.

**b.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| Channel District (Downtown Tampa) Strategic Action Plan<br>Tampa, FL | 2006 | N/A |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Responsible for overall client interface and project and team management. Michael oversaw the preparation of a Strategic Action Plan for this 200-acre urban Community Redevelopment Area located adjacent to the Central Business District. The study area is a former heavy industrial port warehouse district that is quickly evolving with tourist destination and high-density residential use. This project analyzed existing infrastructure, existing land use, future development scenarios, and developed growth projections, a capital improvements budget and financing schedule and established public and private sector design guidelines and an innovative bonus density program and formula. Primary Role: Principal-In-Charge.

**c.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| Transit Oriented Development Comprehensive Plan Policies and Implementation Rules<br>City of Tampa and Hillsborough County, FL | 2011 | N/A |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

A critical review of current comp. plan policies for City and County was followed by collaborative (client team and task force) development of transit oriented design and station-area policies and guidelines for a future light rail system for Tampa and Hillsborough County. T.O.D. policies and guidelines were subsequently adopted as amendments to the comprehensive plans for the City of Tampa and Hillsborough County. Primary Role: Project Principal.

**d.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| City of Gainesville Streetcar Feasibility Study<br>City of Gainesville, FL | 2014 | N/A |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Michael's team is preparing a Feasibility Study analyzing the costs and benefits of an electric (steel wheel) streetcar system for an area linking downtown Gainesville and the University of Florida campus. Study elements include alternative alignments, technology, and capital and operating costs, economic development potential and land use analysis, governance and case studies of other cities with such facilities. Recommendations will include detailed cost/benefit analysis. Primary Role: Principal-in-Charge / Special Senior Advisor.

**e.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| Hillsborough Community College, Comprehensive Campus Master Plans<br>Hillsborough County, FL | 2011 | N/A |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Responsible for team leadership, ongoing client and project coordination, account management, and project scheduling. In 2005, and again in 2010, Michael's team assisted the College in completing Comprehensive Master Plan Update for all five of its campuses, as required by Florida Statutes. Mr. English's team was the principal author of all 10 master plans. Primary Role: Principal-In-Charge.

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| | | A. TOTAL | B. WITH CURRENT FIRM |
| Robert Forand, PE | Marine Structural Engineer | 16 | 6 |

15. FIRM NAME AND LOCATION *(City and State)*

BCC Engineering, Inc., Fort Lauderdale, FL

| 16. EDUCATION *(Degree and Specialization)* | 17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)* |
|---|---|
| BS in Architectural Engineering/ 1996 / University of Miami | Professional Engineer / Florida # 58611, 2002 |

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

## 19. RELEVANT PROJECTS

**a.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| Old Seven Mile Pedestrian Bridge and Seawall<br>Monroe County, FL | On-Going | Estimated 2016 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Project Manager and Engineer of Record for this high profile project which involves the 3.2 mile long segment of the historic Flagler Railroad bridge serving as a pedestrian bridge connecting Knights Key to Pigeon Key. This bridge structure is unique in that it is recognized as a worldwide wonder and engineering marvel. At the same time, the bridge is beloved by the local community and frequently used as a recreational area for activities ranging from jogging and fishing to watching sunsets. Over the years the deteriorating condition of the bridge required the structure to be closed to vehicular traffic and threatened to close the bridge to pedestrians as well. This politically-charged project gained national attention and important funding in part through the "Friends of Old Seven," a grass-roots awareness effort lead by the local Keys community intent on transforming the structure to a world-class tourist facility, elevated park, and destination. The bridge is located in the environmentally pristine Florida Keys Marine Sanctuary at a location subject to extreme loading conditions and forces including the strongest currents ever recorded in Florida. Mr. Forand is responsible for all aspects of the structural analysis required to restore the capacity of the existing structure to support pedestrian load as well as the vehicular load of maintenance, emergency, and tourist shuttle services. Mr. Forand also forecast a long-term maintenance plan required to assure structural longevity so that the bridge and seawalls could remain in place for generations of visitors. As a result, Mr. Forand also provided extensive outreach support, attending Monroe County Commission and public meetings alongside FDOT Secretary Ananth Prasad, FDOT District 6 Secretary Gus Pego, and Monroe County Engineer Judith Clarke along with a host of other local representatives.

**b.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| East Rickenbacker Pedestrian Fishing Pier<br>Miami-Dade County, FL | 2010 | 2012 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

This high profile project involved the Rickenbacker bridge-turned-fishing-pier prominently positioned in Biscayne Bay directly facing the City of Miami waterfront. The location of the structure in an environmentally-sensitive area (Outstanding Florida Waters), the presence of sea grasses, and the unprotected exposure to currents, storm events, and wave forces were key considerations in the structural analysis. Structural engineering services involved in-depth inspection of the substructure, visual inspection of the superstructure, and non-destructive testing due to lack of existing plan information. Spans were analyzed to support construction loads and maintenance vehicles. Seawalls were inspected for stability. Context-sensitive considerations included the structure's picturesque location being considered a very popular location for filming - the visual appearance of the structure, it's far reaching impacts, and it's fundamental capacity to support film equipment loads were all key design considerations. With the publicly funded project budget also critical, partial to full depth spall repairs to above-water portions of the substructure were prioritized by severity and construction cost to assure maximum value. The project included utility coordination, permit applications, and endangered species and submerged resource protection provisions such as a Manatee spotter and staked turbidity barrier. With stakeholders in mind, Mr. Forand also developed an inspection procedure which enabled the fishing pier to be safely open and fully accessible to pedestrians and fishermen.

**c.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| Arch Creek Bike Path Pedestrian Bridges<br>Miami-Dade County, FL | 2009 | 2012 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Structures Project Manager for this project involving the design of two single span prefabricated steel truss pedestrian bridges. This high-profile project involved close coordination with the City and project stakeholders to include incorporation of unique aesthetic considerations regarding the truss type and appearance, the presence of a bridge-mounted 9" water main, and flared bridge approaches intended to facilitate shared path flow and improve safety. The location of the structure in an environmentally-sensitive area (Outstanding Florida Waters), the presence of sea grasses, and the unprotected exposure to storm events, scour, and wave forces were key considerations in the structural analysis. The project was very linear, with only one access and egress point. Mr. Forand designed the bridges to support vehicular load as well as pedestrian load.

**d.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED |
|---|---|

| | | | |
|---|---|---|---|
| | Overseas Highway/Ohio-Missouri Channel Bridge and Seawall<br>Monroe County, FL | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| | | 2013 | Estimated 2015 |
| | (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE | ☑ Check if project performed with current firm | |
| | Project Manager and Engineer of Record for this project which involved repairs to a 1600 foot long AASHTO girder bridge supporting the Overseas Highway in the Florida Keys. The project also included installation of two types of cathodic protection (impressed current and metalizing), repairs to the seawall adjacent to the bridge abutments, and rehabilitation of the existing abutment slope protection. Additional considerations included the environmentally sensitive area (Florida Keys Marine Sanctuary) and close proximity to a historic Flagler railroad structure being utilized as part of the Keys Overseas Keys Heritage Trail. Mr. Forand was responsible for all aspects of the structural analysis required to restore the capacity of the structure. The importance of this structure cannot be overstated. Overseas Highway is a unique lifeline to the Florida Keys, and provides the only means of access for goods, services, and tourism critical to the local economy. Uninterrupted traffic (vehicular, pedestrian, and bicyclist) flow and structural redundancy were critical aspects of the project, particularly considering the bridge's unprotected exposure to storm events, surges, wave forces, and scour. The bridge also supported the 30 inch water main servicing the Keys. | | |
| **e.** | (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
| | Hillsboro Inlet Bridge and Seawall<br>Broward County, FL | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| | | 2014 | Estimated 2016 |
| | (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE | ☑ Check if project performed with current firm | |
| | This high profile District 4 project involves extensive upgrades to the bascule bridge carrying SR A1A over Hillsboro Inlet, as well as several roadway-related improvements involving safety and operations. The bridge is a critical fixture in the longstanding community and heavily utilized by pedestrians and bicyclists. Located directly on the Atlantic, the bridge also serves as a gateway between the City of Lighthouse Point, the City of Pompano Beach, and the open ocean. The location of the structure in an environmentally-sensitive area (Outstanding Florida Waters), the presence of sea grasses, and the unprotected exposure to currents, storm events, and wave forces were key considerations in the engineering. Additional context-sensitive considerations included partial funding from both cities, welcome signage for both cities, the addition of decorative architectural cable railing, the construction of an elevated viewing platform, architectural improvements to the tender house, the installation of a "Barefoot Mailman" monument, and decorative lighting. Additional considerations unique to this project include the maintenance of vehicular, pedestrian, and boat traffic and the orchestration and expediting of repairs requiring the bridge to remain in the "open" position for work on the bascule leaf and the replacement of the fender system lining the channel. Mr. Forand is serving as Engineer of Record for the project's miscellaneous structures and provided additional roadway support. Structural design included extensive seawall evaluation. This bridge structure is special in that it is a focal point of two communities with interests that are often juxtaposed. Mr. Forand also provided outreach support, such as attending public meetings on behalf of the Department to clarify the engineering aspects of the project and better enable the communities to reach common ground. | | |

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| | | A. TOTAL | B. WITH CURRENT FIRM |
| William Garcia, PE | Lead Construction Engineer | 18 | 7 |

15. FIRM NAME AND LOCATION *(City and State)*

BCC Engineering, Inc., Miami, FL

| 16. EDUCATION *(Degree and Specialization)* | 17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)* |
|---|---|
| BS in Civil Engineering / 1996 / Florida International University | Professional Engineer / Florida # 56781, 2001<br>CTQP Id # G620-920-72-387-0 |

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

## 19. RELEVANT PROJECTS

**a.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| SR 826 NB / I-75 NB Ramp Widening<br>Miami-Dade County, FL | 2004 | 2004 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Senior Project Engineer responsible for the 1.492-mile widening of the concrete segmental bridge ramp connecting northbound SR 826 to northbound I-75. Scope of construction included the first widening of a concrete segmental bridge in the continental United States including new exterior grouted post-tensioning and anchor blocks, the widening of northbound SR 826 from the NW 122nd Street Bridge to the entrance to the I-75 exit ramp, and the construction of three mechanically stabilized earth (MSE) walls. Project Cost: $5.9 million contract, "Incentive/Disincentive" ($400K). 2004 FTBA Best in Construction Special Significance Award Nominee. Role: Sr. Project Engineer.

**b.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| SR 25 (Okeechobee Road) Depressed Section Design-<br>Miami-Dade County, FL | 2007 | 2007 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Senior Project Engineer responsible for the 470-meter long widening and reconstruction of SR 25 (Okeechobee Road). This project depressed Okeechobee Road between W. 12th Avenue and W. 19th Street in Hialeah, FL beneath the existing Florida East Coast (FEC) Railroad crossing. The depressed section consisted of a reinforced concrete structure with retaining walls with a depressed profile as much as 20 feet below grade. The railroad was suspended above the roadway on a new double track steel girder bridge. Improvements included large storm water pump station and 16-inch forcemain, 16-inch watermain for the City of Hialeah under a Joint Participation Agreement (JPA), drainage including new outfalls to the Miami Canal, jack and bore operations beneath the FEC Railway, traffic signalization and highway and bridge lighting. Significant amount of coordination and public information campaign required with Cities of Hialeah, Medley, Miami Springs, FEC Railway, Miami-Dade Transit, South Florida Water Management District and the local residents and businesses. Project Costs: $34 million Design / Build Contract with "No Excuse Bonus" of $1.3 Million. Awards: 2007 Florida Transportation Builders Association (FTBA) Best in Construction Design/Build Award and 2008 American Association of State Highway and Transportation Officials (AASHTO) Regional Award for Innovative Management. Role: Sr. Project Engineer.

**c.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| Modification of the Bird Road and Homestead Toll Plazas to Open Road Tolling (ORT) Design-Build<br>Miami-Dade County, FL | 2008 | 2008 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Senior Project Engineer responsible for the conversion of the Bird Road and Homestead Toll Plazas on the Homestead Extension of Florida's Turnpike to Open Road Tolling Facilities by reconstructing the existing SunPass lanes to high-speed tolling lanes. Improvements included the demolition of the existing canopy, support columns and concrete island structures within the existing SunPass lanes, asphalt widening and overbuild operations to correct alignment, installation of steel mono-tube gantry structures for ORT tolling equipment, overhead truss and cantilevered mast arm sign structures, and drainage. Improvements to toll plaza facilities included modification of the electrical, mechanical, and other utility systems, removal of toll booths and other tolling equipment, and modifications to the access tunnels. Extensive coordination with FTE Office of Tolls, Toll Plaza Managers and Regional Manager, FTE Traffic Management Center, and FTE Public Information Office were required. The project also required extensive involvement during design phase providing constructability reviews during phased component plan submittals. Project Costs: $15 million Design / Build Construction Contract including "No Excuse Bonuses" of $800,000.00 and maximum incentive amounts of $100,000.00. 2008 AASHTO Regional Award for On-Time Delivery and finalist for the national AASHTO America's Transportation Award. Role: Sr. Project Engineer.

**d.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| Homestead Extension Florida Turnpike (HEFT) All Electronic Tolling Phase 1, 2 & 3 Design-Builds<br>Miami-Dade and Broward Counties, FL | 2012 | 2012 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑Check if project performed with current firm

Senior Project Engineer responsible for the conversion to All Electronic Toll (AET) collection of the four Mainline Toll Plazas at Bird Road, Homestead, Okeechobee Road, and Miramar plus the 26 Ramp Toll Plazas on the 47-mile long Homestead Extension of Florida's Turnpike. Improvements included the demolition of the existing canopy, support columns and concrete island structures within the existing toll plaza cash lanes, widening of the southbound (SB) and northbound (NB) HEFT between Bird Road and SR 836, widening and overbuild operations to correct alignment at the plazas, installation of pre-fabricated toll equipment building structures, installation of steel tri-cord gantry structures for AET tolling equipment, overhead truss and cantilevered mast arm sign structures, drainage and signalization. Improvements to toll plaza facilities included complete demolition of several plaza facilities and modification to other facilities including tolling, electrical, mechanical, and other utility systems upgrades, removal of toll booths and other tolling equipment, and modifications to the access tunnels. Extensive coordination with two separate Design-Build Teams, FTE Office of Tolls, FTE Facilities, Toll Plaza Managers and Regional Manager, FTE Traffic Management Center, and FTE Public Information Office was required for this project. The project also required extensive involvement during the design phase providing constructability reviews during phased component plan submittals. This project included two (2) Design-Build Construction Contracts totaling $63 Million. Role: Sr. Project Engineer.

**e.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| All Electronic Tolling Phase 4A and Landscaping<br>Miami-Dade and Broward Counties, FL | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| | Estimated 2015 | Estimated 2015 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☑ Check if project performed with current firm

Senior Project Engineer responsible for the conversion of the Golden Glades Mainline Toll Plaza on the Turnpike Mainline Spur to an all-electronic tolling (AET) facility. Cash collection was removed and tolling shifted to a new Signature Gantry Toll Equipment Structure and pre-fabricated toll equipment building. Other improvements included complete demolition of the existing toll plaza, roadway reconstruction, and asphalt milling, resurfacing, & overbuild operations to straighten the mainline alignment. The project also widens the existing Northbound Homestead Extension Florida Turnpike (HEFT) to Northbound Turnpike Mainline ramp to two lanes and will include the construction a new tolled two-lane Southbound Mainline Turnpike to Westbound Hollywood Boulevard Off-Ramp. Structural improvements include drilled shaft foundations for the Signature Gantry and ten overhead truss and cantilevered sign structures, the construction of a 2,100' long mechanically stabilized earth (MSE) wall with noise wall for the new Off-Ramp, and a 180' long 24" diameter jack and bore operation beneath the entire northbound and southbound Turnpike. Roadway widening and reconstruction activities at all three sites include: earthwork construction activities including embankment, stabilized sub-grade, and limerock base; asphalt milling, resurfacing and overbuild; drainage improvements including numerous large drainage structures with 48" and 54" diameter piping; roadway lighting; Intelligent Transportation system (ITS) trunk line; signage. Extensive coordination with Florida Turnpike Enterprise (FTE) Office of Tolls, FTE Facilities, Toll Plaza Managers and Regional Manager, FTE Traffic Management Center, and FTE Public Information Office. $20 million construction contract. Role: Sr. Project Engineer.

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| | | A. TOTAL | B. WITH CURRENT FIRM |
| Jesse Blackstock, PE | Lead Civil Engineer | 16 | 1 |

15. FIRM NAME AND LOCATION *(City and State)*

BCC Engineering, Inc., Tampa, FL

| 16. EDUCATION *(Degree and Specialization)* | 17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)* |
|---|---|
| BS in Civil Engineering / 1999 / Florida State University | Professional Engineer / Florida # 69925, 2009 |

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

## 19. RELEVANT PROJECTS

**a.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| Beachwalk<br>Clearwater, Florida | 2005 | 2007 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Responsible for preliminary site investigations and prepared conceptual drainage and utility relocation plans that laid the foundation for the overall design and function of the Beachwalk re-development project located in Clearwater, Florida. Construction costs totaled more than $30 million. Role: Project Engineer

**b.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| Florida Botanical Gardens<br>Largo, Florida | 2002 | 2003 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Responsible for site engineering, permitting, planning, and landscape support services for this county-owned and maintained development. The project is situated on over 100 acres along Ulmerton Road in Pinellas County, Florida. The development consists of several themed gardens, renovations to the existing Cooperative Extension Service and various pedestrian bridges spanning McKay Creek. This project was awarded the Distinguished Landscape Architecture project award for its superior design and functionality. Role: Project Manager

**c.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| Channel District Strategic Action Plan Implementation<br>Tampa, Florida | 2011 | 2012 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Responsible for civil design of roadway, stormwater drainage, and utility improvements as well as the addition of pedestrian facilities and parking for residential and commercial areas abutting the roadways. This project involves engineering and design services to implement the recommendations of the Strategic Area Plan that are critical to supporting the district's revitalization. Was selected to perform program management, design, and construction administration services for more than $50 million in new infrastructure and public realm improvements. Role: Engineer of Record

**d.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| Tampa International Airport Master Plan<br>Tampa, Florida | 2013 | N/A |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Responsible for master infrastructure planning, design and permitting for this major airport facility which consists of over 23,000 parking spaces and well over 100 acres of ancillary developments. Project Role: Sr. Utilities Engineer

**e.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| Amazon.com Fulfillment Center<br>Ruskin, Florida | 2014 | 2014 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Client manager and trusted advisor to Amazon.com and the developer USAA Real Estate properties to develop a 1.1M s.f. fully automated fulfillment center located in southern Hillsborough County. Project was designed and permitted within one and half months, and consisted of 2,600 parking spaces and situated on +/-80 acres. Project will result in upwards of 4,000 local jobs being created with an average base salary of $85,000. This will be the first Amazon Fulfillment center in Florida and has the possibility of accommodating Amazon's first "Amazon Fresh" concept, which will afford customers real time delivery of grocery associated products. Project Role: Project Manager

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| | | A. TOTAL | B. WITH CURRENT FIRM |
| **Christopher Roberts, PE** | **Lead Transportation Engineer** | **16** | **2** |

15. FIRM NAME AND LOCATION *(City and State)*

**BCC Engineering, Inc., Tampa, FL**

| 16. EDUCATION *(Degree and Specialization)* | 17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)* |
|---|---|
| **BS in Civil Engineering/ 1998 / University of South Florida**<br>**BC in Social Science/ 1994 / Florida State University** | **Professional Engineer / Florida # 60234, 2003** |

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

## 19. RELEVANT PROJECTS

**a.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| **SR 616**<br>Hillsborough County, FL | 2012 | 2014 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Mr. Robert's previous employer was selected-provide design and construction support services for the resurfacing, restoration, and rehabilitation (RRR) of 1.791 miles of Boy Scout Boulevard from Obrien Street-Dale Mabry Highway. Additional improvements include constructing sidewalk, replacing signing and pavement markings, upgrading bicycle facilities and improving drainage. Project Role: Project Manager and Engineer of Record

**b.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| **Bulldog Drive Improvements**<br>Flagler County, FL | 2012 | 2015 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Mr. Robert's previous employer was selected to provide design and construction support services for the reconstruction of Bulldog Drive in the City of Palm Coast from SR 100 north for approximately 0.5 miles. The project included major signalized intersection improvements and significant bus circulation improvements to Flagler Palm Coast High School located adjacent to project. Coordination with FDOT District 5 was required as there were turn lane improvements made to SR 100 in front of the high school. Project Role: Project Manager and Engineer of Record

**c.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| **I-75 & Big Bend Road Interchange Operational Analysis Report (OAR)**<br>Hillsborough County, FL | 2012 | N/A |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Responsible for documenting the operations and capacity improvements needed at I-75/Big Bend Road Interchange. The improvements included extending southbound off-ramp and major intersection improvements at the base of existing on and off ramps. Corsim modeling and extensive coordination with Hillsborough County, FDOT's District Interchange Review Committee (DIRC) and Federal Highway Administration was necessary. Project Role: Project Manager and Engineer of Record

**d.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| **George Road Widening**<br>Hillsborough County, FL | 2001 | 2004 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Responsible for project transportation engineering elements. This project included the widening of this access road to two major office parks in Tampa's Westshore District from a two-lane rural section to a four-lane divided urban section, including new mast arm traffic signals at intersections of Independence Parkway and Memorial Highway. Work included the relocation of electric transmission mains from dedicated easements to a new public right-of-way. Project Role: Engineer of Record

**e.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| **SR 694/Gandy Boulevard Design Build**<br>Pinellas County, FL | 2014 | 2016 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Project includes the design and reconstruction of SR 694/Gandy Boulevard from west of Martin Luther King Jr. Street N. (9th Street N.) (MLK St. N.) to east of SR 687 (4th Street N.) in Pinellas County to a 4 to 6-lane controlled access facility, including grade-separated interchanges, frontage roads and other work, as well as the replacement of the existing box culvert on 4th Street N. at Tinney Creek (north of Koger Boulevard). Project Role: Project Manager and Engineer of Record

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

| 12. NAME | 13. ROLE IN THIS CONTRACT | 14. YEARS EXPERIENCE | |
|---|---|---|---|
| | | A. TOTAL | B. WITH CURRENT FIRM |
| Angelo Rao, PE | Complete Streets | 34 | 1 |

15. FIRM NAME AND LOCATION *(City and State)*

BCC Engineering, Inc., Fort Lauderdale, FL

| 16. EDUCATION *(Degree and Specialization)* | 17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)* |
|---|---|
| BS in Civil Engineering / 1980 / University of Toronto | Professional Engineer / Florida # 58147, 2002 / Virginia # 0402050347, 2012 / Michigan # 6201049058, 2002 / Ontario # 38144507, 1982 |

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Transformation of City Streets such as Downtown St. Petersburg's Baywalk Center and the City of Tampa's Bayshore Boulevard; Developed the Hillsborough County MPO's Complete Streets Policy; Developed/Managed Four City and County Traffic Calming Programs

## 19. RELEVANT PROJECTS

**a.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| Bayshore Boulevard Complete Streets Concept and Design<br>Tampa, FL | 2009 | 2013 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Along with the resurfacing plans of Bayshore Boulevard, this enhancement project (Phase I) from the Platt Street Bridge to Rome Avenue, will provide continuous bicycle lanes in both directions by pavement reconfiguration. Existing pedestrian crosswalks have been upgraded with northbound left-turn bays. Medians have been enhanced to establish improved operational safety for pedestrians and bicyclists. Access/egress for residents has been made safer by re-alignments of intersections and median openings. Role: Project Engineer.

**b.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| Traffic Calming Program<br>Hillsborough County, FL | 2010 | 2011 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Services included: Comprehensive Recommendations / Implementation Plan included installing over 40 traffic calming features ranging from dynamic speed feedback signs to texturized/colorized flush and raised intersections, flat-top speed tables, countdown pedestrian signals, and crosswalks. Role: Project Engineer.

**c.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| City of Newberry Multi-modal Transportation Plan<br>Newberry, FL | 2011 | n/a |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Creation of the City's Transportation Master Plan with forecasts to meet the needs of the citizens and businesses for the next ten years. Study also included the examination and close analyzing of service components including: roadway connection standards; spacing standards; intersection configurations; right-of-way considerations; standard cross-sections; establishment of non-motorized vehicle uses; traffic signal control and "Stop" control requirement and access management needs using recently prepared FDOT standards. Role: Project Engineer.

**d.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| I-75 Interchange Operational Analysis Report<br>St. Petersburg, FL | 2011 | 2013 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

The purpose of this Interchange Operational Analysis Report (IOAR), in accordance with Federal Highway Administration (FHWA) and Florida Department of Transportation (FDOT) guidance, was to analyze and document the City of St. Petersburg's intention to implement a two-way operation on 4th Street South between 4th and 5th Avenues South, and to determine, if any, the operational effects on the Interstate-175 on and off ramps at this location. The study area is bounded by 4th Avenue South, 3rd Street South, 6th Avenue South, and 6th Street South. Role: Project Engineer.

**e.**

| (1) TITLE AND LOCATION *(City and State)* | (2) YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| Fletcher Ave Pedestrian Safety Study & Complete Street Conceptual Design<br>Hillsborough County, Florida | 2010 | 2014 |

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Fletcher Avenue (Nebraska Avenue to N. 46th Street) has been experiencing significant pedestrian safety concerns, with one of the highest pedestrian crash rates in unincorporated Hillsborough County. During the study period (May 21, 2006 – September 4, 2008) two pedestrian fatalities have occurred on Fletcher Avenue; at least seven injuries have occurred. Our report evaluated the relevant traffic data, and the relationship between pedestrians and motorists utilizing Fletcher Avenue and made recommendations to enhancing pedestrian and bicyclist safety. Complete Street concept design/report was completed in 2010.Role: Project Engineer.

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT BY NUMBER: **1**

21. TITLE AND LOCATION (City and State): **Parque Tercer Milenio, Bogota**, Colombia

22. YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) |
|---|---|
| 1998 | 2004 |

### 23. PROJECT OWNER'S INFORMATION

| a. PROJECT OWNER | b. POINT OF CONTACT NAME | c. POINT OF CONTACT TELEPHONE NUMBER |
|---|---|---|
| Instituto de Desarrollo Urbano de Bogota | Martha Rojas Castellanos | +57 (1) 3386660 |

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Third Millennium Park is part of a municipal initiative to improve and revitalize depressed areas of the city of Bogota. The park is located on the site of what was formerly known as La Calle del Cartucho (Cartridge Street), which was one of the first areas affected by the city's urban regeneration process. The park is located in the Barrio Santa Ines, between Carrera 10 and Avenida Caracas 10th Street and 6th Street. It has an area of 16.7 hectares, comprised of 640 properties of which 80% were purchased by the city's Urban Renewal Office.

**Key Project Features:**

- A Public Space
- B Social bounding
- C Urban restauration
- D Landscape

The park has a very specific area zoned for entertain- ment without discrimination. There are variety of playgrounds for tennis, basketball and football. The aim of the design is to make space for all - children, youth and adults. A park without fences,

Third Millennium is one of the few wide-open public spaces that exist in the city. Users can access the park at multiple points, and are able to gain direct entry from almost any of the surrounding streets. Additionally, the park's greenery plays a very important role in terms of noise reduction surrounding streets, with plenty of traffic.

**Relevance to this contract**

The development of this park was quite difficult, the area was considered one of the most dangerous places. Homeless people lived there in the street, the buildings were deteriorated and almost falling apart. The people was moved and the park was constructed against many odd. Today is a big public space that serves the center and south of Bogota.

U$53.287.350. Size: 1.442.364 sq. ft

| | (1) FIRM NAME | (2) FIRM LOCATION (City and State) | (3) ROLE |
|---|---|---|---|
| a. | El Equipo de Mazzanti | Bogota, Colombia | Associated design architect |
| b. | | | |

| F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT<br>*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)* | 20. EXAMPLE PROJECT BY NUMBER<br>**2** |
|---|---|

| 21. TITLE AND LOCATION (City and State) | 22. YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) |
| **Spain Public Library Park**, Medellin, Colombia | 2009 | 2010 |

**23. PROJECT OWNER'S INFORMATION**

| a. PROJECT OWNER | b. POINT OF CONTACT NAME | c. POINT OF CONTACT TELEPHONE NUMBER |
|---|---|---|
| Red de Bibliotecas | Gloria Palomino | +57 (4) 2302382<br>direccion@bibliotecapiloto.gov.co |

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Designer architect. Rather than create a stand-alone building, we propose an operational geography that is integrated with the valley, as a mechanism for organizing program and highlighting natural elements of the surrounding area. This calls to attention the hidden and irregular contours of the mountain while producing a building that echoes the hilly landscape. The building redefines the folded structure of the mountain as form and space, eliminating the idea of landscape as a background and enhancing the building's assimilation into the landscape.

The site is defined of small brick houses mostly constructed as an expression the desires of residents of the surrounding steep slopes. This form of organization gives a uniform texture to the city with no visible hierarchy. As a main tourist attraction in Medellin, the project is visible from much of the city. Quickly adopted by the residents of the area as a symbol of the new Medellin, a sensation of pride and a greater sense of belonging is exhibited within the surrounding community, through regular use and care for the library.

**Relevance to this contract**

The Spain Public Library Park was constructed in Medellin on an informal housing area, people didn´t like the presence of the government, the poverty reigned. The project brought to the neighborhood a huge change of mind, they embraced the building and this area became full of tourism, progress and development instead of the violence, poverty and hated that existed before.

**Key Project Features:**

- A Public Space
- B Social bounding
- C Culture and education
- D Landscape

Construction Cost: U$2.607.670. Size: 40.717 sq. ft.

| | (1) FIRM NAME | (2) FIRM LOCATION (City and State) | (3) ROLE |
|---|---|---|---|
| **a.** | El Equipo de Mazzanti | Bogota, Colombia | Associated design architect |
| **b.** | | | |

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT BY NUMBER: **3**

21. TITLE AND LOCATION (City and State)

**Four Sports Scenarios for the Southamerican Games 2010**, Medellin, Colombia

22. YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) |
|---|---|
| 2008 | 2009 |

### 23. PROJECT OWNER'S INFORMATION

| a. PROJECT OWNER | b. POINT OF CONTACT NAME | c. POINT OF CONTACT TELEPHONE NUMBER |
|---|---|---|
| Inder | Cesar Correa | +57 (4) 3699000<br>cesar.correa@inder.gov.co |

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Our project took the interior and exterior in a unified way. The outdoor public space and sporting venues are in a continuous space, thanks to a large deck built through extensive stripes out, perpendicular to the direction of the positioning of the main buildings. Each of the four sporting venues operates independently, but in terms of urban space and behave as one large continent built with public open spaces, semi-covered public spaces, and indoor sports

The project has been thought as a new geography to the interior of the elongated Aburrá Valley, midway between Cerro Nutibara and Cerro El Volador. It is a building that seems to be another mountain in the city; from the remote or from the top has an abstract image geographic and festive; from the inside, the movement of the steel structure, allows the filtered sunlight to get inside the space, which is the suitable condition for the conduct of sporting events..

**Relevance to this contract**

The sports trigger activities and actions that sometimes we don´t think that is possible for us to do. The four sports scenarios brought to Medellin and for its people recreation, commitment, spending time activities. The building complex change minds of what architecture could do to the renewal of a city.

**Key Project Features:**

- A Public Space
- B Social bounding
- C Sports
- D Landscape

Construction Cost: U$19.000.000. Size: Built area 330.338 sq ft Public Space 252.177 sq ft

| | (1) FIRM NAME | (2) FIRM LOCATION (City and State) | (3) ROLE |
|---|---|---|---|
| **a.** | El Equipo de Mazzanti | Bogota, Colombia | Associated design architect |
| **b.** | Felipe Mesa (Plan B Arquitectos) | Medellin, Colombia | Associated design architect |

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT BY NUMBER: **4**

21. TITLE AND LOCATION (City and State): **Forest of hope**, Cazuca, Soacha, Colombia

22. YEAR COMPLETED

| PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) |
|---|---|
| 2010 | 2011 |

### 23. PROJECT OWNER'S INFORMATION

| a. PROJECT OWNER | b. POINT OF CONTACT NAME | c. POINT OF CONTACT TELEPHONE NUMBER |
|---|---|---|
| Pies Descalzos Foundation | Juan Andres Lemus | +57(1)6358770 ext 109<br>juanandres@fundacionpiesdescalzos.com |

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Forest of hope is a sports center on the outskirts of Bogotá where neighbors can take part in various recreational and academic activities that help foster a cooperative community. It consists of a canopy where modules can be added depending on circumstances and desires for coverage and densities.

**Key Project Features:**

- A Public Space
- B Social bounding
- C Sports

Forest of hope is located in the municipally of Soacha, Altos de Cazucá, a very depressed area that lacks of public infrastructure. The neighborhood is known for its security problems and is home to thousands of people that have been displaced from their hometowns due to social conflict.

Continuing our investigation into the potentials of architecture, the main interest of the project lies in producing actions, changes and relationships which generate shapes, patterns or open organizations that promote social actions. FOREST OF HOPE is an open project, made out of modules that have the potential to grow and adapt to different situations. As such area residents currently use the structure in a variety of ways: as a sports field, open-air market, church and concert arena.

**Relevance to this contract**

In a forgotten area where the arrival becomes difficult, we find a canopy that not only covers sport activities but a community change of mind, a social bounding that brings solidarity and development. Modules can work and be flexible to grow in time, to be constructed by stages and be part of a big project that wants to improve people´s life.

Construction Cost: U$301.412. Size: 8.611 sq. ft.

| | (1) FIRM NAME | (2) FIRM LOCATION (City and State) | (3) ROLE |
|---|---|---|---|
| a. | El Equipo de Mazzanti | Bogota, Colombia | Associated design architect |
| b. | | | |

| F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT<br>*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)* | 20. EXAMPLE PROJECT BY NUMBER<br>**5** |
|---|---|

| 21. TITLE AND LOCATION (City and State) | 22. YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) |
| **Ciudad de la alegria Kindergarten**, Timayui, Santa Marta Colombia | 2009 | 2011 |

**23. PROJECT OWNER'S INFORMATION**

| a. PROJECT OWNER | b. POINT OF CONTACT NAME | c. POINT OF CONTACT TELEPHONE NUMBER |
|---|---|---|
| Fundación AEIOTU | Clemencia Gomez | +57 1 7434010<br>cgomez@aeiotu.org |

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

This project responds to the political concerns of the municipality of Santa Marta and the Carulla Foundation to improve the educational conditions of the displaced communities that have settled at the outer perimeter of the city. These areas are often characterized by violence and lack of public infrastructure. The project is meant to develop an infrastructure for improving the conditions of early childhood education in low-income communities, addressing the needs of the most vulnerable populations, between the ages of 0 and 5 years old. Rather than being a formal object, the image of the building refers to the geography of the region.

Our intention was to develop an architectural landscape that relates to the localized geographical and topographical conditions of the site. We postulate organizational programs to develop projects that promote a "new natural contract" by reformulating the relationship between figure and background. Our project has developed a functional strategy, and an environmental space based on a modular system of repeated patterns that can be connected in various ways. This allows the system to adapt to various urban, programmatic, ecological and political situations.

**Relevance to this contract**
A school not only for the children that attend but for all the community where the building is situated. The public space in a building and a multiuse program brings social bounding, culture, education and the building embracement.

Construction Cost: U$968.760. Size 16.146 sq ft

**Key Project Features:**

- A Public Space
- B Social bounding
- C Culture and education
- D Landscape

| | (1) FIRM NAME | (2) FIRM LOCATION (City and State) | (3) ROLE |
|---|---|---|---|
| **a.** | El Equipo de Mazzanti | Bogota, Colombia | Associated design architect |
| **b.** | | | |

| F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT<br>*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)* | 20. EXAMPLE PROJECT BY NUMBER<br>6 |
|---|---|

| 21. TITLE AND LOCATION (City and State) | 22. YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) |
| **East Rickenbacker Pedestrian Fishing Pier**<br>Miami, FL | 2010 | 2012 |

| 23. PROJECT OWNER'S INFORMATION | | |
|---|---|---|
| a. PROJECT OWNER | b. POINT OF CONTACT NAME | c. POINT OF CONTACT TELEPHONE NUMBER |
| Miami-Dade Public Works Dept. | Marcos Redondo, PE | (305) 592-3316 |

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

This high profile project involved the Rickenbacker bridge-turned-fishing-pier prominently positioned in Biscayne Bay directly facing the City of Miami waterfront. The location of the structure in an environmentally-sensitive area (Outstanding Florida Waters), the presence of sea grasses, and the unprotected exposure to currents, storm events, and wave forces were key considerations in the structural analysis. Structural engineering services involved in depth inspection of the substructure, visual inspection of the superstructure, and non-destructive testing due to lack of existing plan information. Spans were analyzed to support construction loads and maintenance vehicles. Seawalls were inspected for stability.

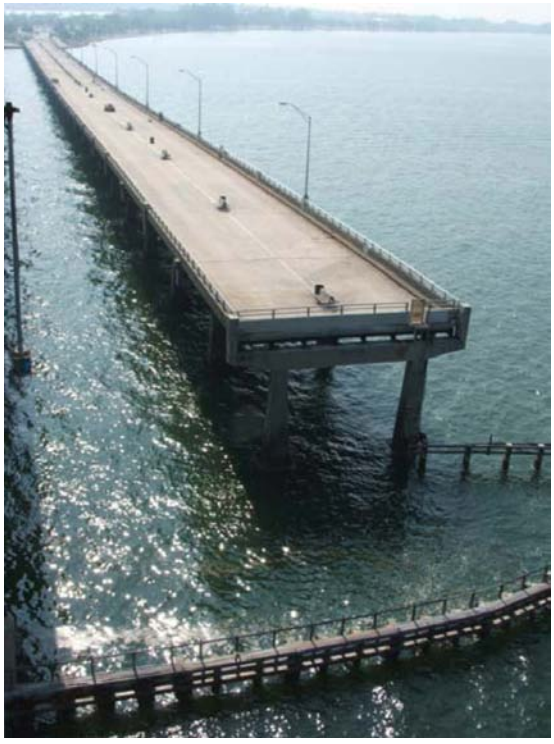
Context-sensitive considerations included the structure's picturesque location being considered a very popular location for filming - the visual appearance of the structure, it's far reaching impacts, and it's fundamental capacity to support film equipment loads were all key design considerations. With the publicly funded project budget also critical, partial to full depth spall repairs to above-water portions of the substructure were prioritized by severity and construction cost to assure maximum value. Contractor options included the use of fiber reinforced polymer (FRP) as an alternative to reinforcing steel.

The project included utility coordination, permit applications, and endangered species and submerged resource protection provisions such as a Manatee spotter and staked turbidity barrier. With stakeholders in mind, Mr. Forand also developed an inspection procedure that enabled the fishing pier to be safely open and fully accessible to pedestrians and fishermen.

Individual Experience of Bob Forand, PE.

**Key Project Features:**

- Environmentally Sensitive Area (Outstanding Florida Waters)
- Structural engineering services involved:
  - o in depth inspection of the substructure
  - o visual inspection of the superstructure
  - o non-destructive testing
- Endangered Species



| | (1) FIRM NAME | (2) FIRM LOCATION (City and State) | (3) ROLE |
|---|---|---|---|
| a. | **BBC Engineering** | **Miami/Tampa, FL** | **Structural Engineer** |
| b. | | | |
| c. | | | |

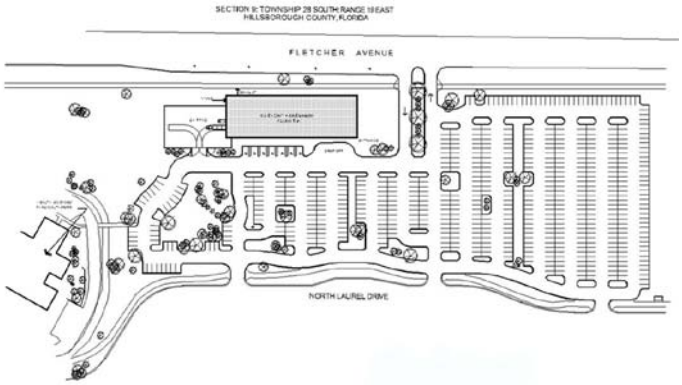
| F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT<br>*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)* | 20. EXAMPLE PROJECT BY NUMBER<br>7 |
|---|---|

| 21. TITLE AND LOCATION (City and State) | 22. YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) |
| **USF Health - Florida Alzheimer's Research Institute**<br>Tampa, FL | 2006-2007 | 2006-2007 |

| 23. PROJECT OWNER'S INFORMATION | | |
|---|---|---|
| a. PROJECT OWNER | b. POINT OF CONTACT NAME | c. POINT OF CONTACT TELEPHONE NUMBER |
| University of South Florida | Huntington Potter, Ph.D | Phone: 813-866-1600<br>hpotter@hsc.usf.edu |

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Formed by action of the Florida Legislature in 2002 that included a $25,000,000 appropriation for a new building, the Florida Institute is the largest Alzheimer research facility in the world under one roof. This seven floor, 108,000 s.f. facility includes a community multipurpose space, meeting rooms, clinic, 6.000 s.f imaging center, vivarium and four floors of research laboratory.




**Key Project Features:**

- Project united several research entities under one roof and included a robust communications technology component that brought three separate state operating agencies under a common standard for sharing of medical case files and established a protocol for on-going research data sharing
- Programming included an intensive analysis of the security needs associated with secured vivarium animal related research
- Project cost; $25,000,000

Appointees by the Governor, President of the Florida Senate and Speaker of the Florida House created the founding Board in 2003. We were selected as the first consultant and charged with managing the building program necessary to create a new home for this facility. We created the facility program, directed selection of the Architect of Record and Construction Manager. We also advised the Owner during construction contract administration and represented the Owner during construction administration.

As program manager it was our responsibility to manage and coordinate amongst the 15 member politically charged & diverse Board of Directors. Much time was spent in building consensus, educating, resolving divergent viewpoints and conflict resolution as necessary to create a new home for this start up facility.

Architect of Record: HDR

| | (1) FIRM NAME | (2) FIRM LOCATION (City and State) | (3) ROLE |
|---|---|---|---|
| a. | hayes \| cumming architects | St. Petersburg, FL | Program Manager, Programming Architect & Owner's Representative |
| b. | (1) FIRM NAME | (2) FIRM LOCATION (City and State) | 3) ROLE |
| c. | (1) FIRM NAME | (2) FIRM LOCATION (City and State) | (3) ROLE |

| F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT<br>*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)* | 20. EXAMPLE PROJECT BY NUMBER<br>8 |
|---|---|

| 21. TITLE AND LOCATION (City and State) | 22. YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION (if applicable) |
| **Hyatt Key West Resort & Marina Alterations**<br>Key West, FL | 2007-2008 | 2008-2009 |

| 23. PROJECT OWNER'S INFORMATION | | |
|---|---|---|
| a. PROJECT OWNER | b. POINT OF CONTACT NAME | c. POINT OF CONTACT TELEPHONE NUMBER |
| Hyatt Southwest Development | Mike Cardwell, Dir. of Engineering | 904.634.4950/407.284.0652 |

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The scope of work for this project included renovations and alterations to existing docks at a small private harbor area adjacent to the Gulf of Mexico.

The work occurred on the water side adjacent to the marina of a five-star destination resort and included 3,200 square feet of dock and pilings over water at the private marina, new boardwalks over the adjacent upland, renovated outdoor dining area, renovated indoor restaurant of 2,300 square feet and commercial kitchen of 1,800 square feet. Structural repairs were made to the boardwalks, docks and pilings as well as the structure supporting the outdoor dining area. Environmental permitting and coordination was part of the scope of work.

The interior dining area was completely demolished and rebuilt with new finishes. Restrooms were completely demolished, updated and reconfigured to provide ADA compliance as well. The electrical, lighting and mechanical systems of the restaurant were updated to provide highly efficient state-of-the-art environmental systems resulting in a reduction in operational costs.

This project was completed on-time via an expedited schedule, and delivered within budget. Total project cost was $657,000

**Relevance to this Project:**

- Marine Structural Elements under a Public Walkway
- Environmental Permitting
- Public and Private Activities
- FEMA Velocity & Flood Zone
- Project cost; $657,000

| | (1) FIRM NAME | (2) FIRM LOCATION (City and State) | (3) ROLE |
|---|---|---|---|
| a. | hayes \| cumming architects | **St. Petersburg, FL** | Program Manager, Programming Architect & Owner's Representative |
| b. | **McCarthy & Associates** | **Clearwater, FL** | **Structural Engineering** |
| c. | **Griner Engineering** | **St Petersburg, FL** | **M/E/P/FP Engineering** |

| F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT<br>*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)* | 20. EXAMPLE PROJECT KEY NUMBER<br>9 |
|---|---|

| 21. TITLE AND LOCATION *(City and State)* | 22. YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| **FKCC Marine Technology Building**<br>Key West, FL | 2008/2010 | 2010/2011 |

**23. PROJECT OWNER'S INFORMATION**

| | b. POINT OF CONTACT | c. POINT OF CONTACT TELEPHONE NUMBER |
|---|---|---|
| Florida Keys Community College | Douglas Pryor, Dir. – Plant Op's | 305.809.3184 |

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

This brand new state of the art 31,270 square foot laboratory and classroom building for the Marine Technology & Propulsion Program was constructed in a FEMA Velocity Zone immediately adjacent to the Gulf of Mexico. The building also included significant elements to enhance student quality of life on campus. The student life elements included an outdoor open air reception area, quiet reading area, group study/meeting rooms, small seminar rooms, 100 seat auditorium style lecture hall, warming kitchen for events, showers and bicycle racks for students. The building was designed to LEED-NC Silver Standards.

The construction budget for this project was $6,100,000.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

| | (1) FIRM NAME | (2) FIRM LOCATION *(City and State)* | (3) ROLE |
|---|---|---|---|
| a. | hayes \| cumming architects | St. Petersburg, FL | Architect of Record |
| b. | McCarthy and Associates, Inc. | Clearwater, FL | Structural |
| c. | | | |
| d. | | | |
| e. | | | |
| f. | | | |

| F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT<br>*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)* | 20. EXAMPLE PROJECT KEY NUMBER<br>10 |
|---|---|

| 21. TITLE AND LOCATION *(City and State)* | 22. YEAR COMPLETED | |
|---|---|---|
| | PROFESSIONAL SERVICES | CONSTRUCTION *(If applicable)* |
| **Florida Keys Community College- Student Housing Facility**<br>Key West, FL | 2010/2011 | 2012/2013 |

**23. PROJECT OWNER'S INFORMATION**

| a. PROJECT OWNER | b. POINT OF CONTACT | c. POINT OF CONTACT TELEPHONE NUMBER |
|---|---|---|
| Florida Keys CC/Student Suites | Douglas Pryor, Dir. – Plant Op's | 305.809.3184 |

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

The new 40,261 s.f. student housing facility accommodating 100 students in four bedroom suites with two bathrooms and a common living area. . In addition to the 100 beds in suite of four or five, the building included a student gathering area, common kitchen area, student lounge, small group study area, fitness center, covered patio, barbeque area, game area, kayak rental/storage, and moped parking.The project is two stories above grade to comply with FEMA regulations. The building was designed on a module to minimize construction costs. Services provided included civil, landscape, architectural, structural, mechanical, electrical, plumbing, fire protection and security design. Total project cost: $6,200,000 and the project was completed under budget and ahead of schedule.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

| | (1) FIRM NAME | (2) FIRM LOCATION *(City and State)* | (3) ROLE |
|---|---|---|---|
| a. | hayes \| cumming architects | St. Petersburg, FL | Architect of Record |
| b. | McCarthy & Associates | Clearwater, FL | Structural |
| c. | | | |
| d. | | | |
| e. | | | |
| f. | | | |

## G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

| NAMES OF KEY PERSONNEL | ROLE IN THIS CONTRACT | EXAMPLE PROJECTS LISTED BELOW (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| **Giancarlo Mazzanti** | **Design Principal in Charge Associated Architect** | **X** | **X** | **X** | **X** | **X** | | | | | |
| **Andrew Hayes, AIA, LEED AP** | **Managing Principal in Charge Architect-of-Record** | | | | | | | **X** | **X** | **X** | **X** |
| **Benton Rudolph, AIA** | **Architect-of-Record /Director Capital Improvement Team** | | | | | | | | | | |
| **Michael English, AICP** | **Lead Planner/Project Manager-Site** | | | | | | **X** | | | **X** | **X** |
| **Carlos Medellin** | **Concept Director/Public Engagement Coordinator** | **X** | **X** | **X** | **X** | **X** | | | | | |
| **Jesse Blackstock, PE** | **Lead Civil Engineer** | | | | | | **X** | | | | |
| **Robert Forand, PE** | **Marine Structural Engineer** | | | | | | **X** | | | | |
| **William Garcia, PE** | **Lead Construction Engineer** | | | | | | **X** | | | | |
| **Juan Manuel Gil** | **Project Manager-Buildings** | **X** | **X** | **X** | **X** | **X** | | | | | |
| **E. Michael McCarthy, PE** | **Structural Engineer** | | | | | | | | **X** | **X** | **X** |
| **Joseph Griner, III,, PE, LEED AP** | **Mechanical / Plumbing Engineer** | | | | | | | | **X** | | |

### 29. EXAMPLE PROJECTS KEY

| NO. | TITLE OF EXAMPLE PROJECT (FROM SECTION F) | NO. | TITLE OF EXAMPLE PROJECT (FROM SECTION F) |
|---|---|---|---|
| **1** | **Third Millennium Park<br>Bogota Institute of Urban Development<br>Bogota, Colombia** | **6** | **East Rickenbacker Pedestrian Fishing Pier<br>Miami-Dade Public Works<br>Miami,Florida** |
| **2** | **Spain Public Library Park<br>Medellin Library Network<br>Medellin, Colombia** | **7** | **Florida Alzheimer Center & Research Institute<br>University of South Florida<br>Tampa, Florida** |
| **3** | **Four Sports Scenarios<br>South American Games<br>Medellin, Colombia** | **8** | **Hyatt Key West Resort & Marina Alterations<br>Hyatt Southwest Development<br>Key West, Florida** |
| **4** | **Forest of Hope Sports Center<br>Bare Feet Foundation<br>Cazuca, Soacha, Colombia** | **9** | **Marine Technology Building<br>Florida Keys Community College<br>Key West, FL** |
| **5** | **City of Joy Kindergarten<br>Municipality of Santa Maria & Carulla Foundation<br>Santa Marta, Colombia** | **10** | **Student Housing Building<br>Florida Keys Community College<br>Key West, FL** |

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH SHEETS AS NEEDED.

## ADDITIONAL TEAM MEMBERS

Please note that if we are fortunate enough to be selected for Stage II, we will add the following team capabilities:

- Marine Biologist familiar with Tampa Bay
- Communications & Public Relations
- Landscape Architect
- Environmental Consultant
- Construction Cost Estimator

## BIM CAPABILITIES

In early 2009, during the depth of the recession, and after much thought and research, hayes|cumming architects elected to invest in itself and its future capabilities by purchasing and implementing Revit into its practice. It took until late that year to gain proficiency on the software, but since then all projects over a construction value of $500,000 have been produced using Revit. This has resulted in completing over 50 projects with a combined value in excess of $125M.

Equipo de Mazzanti employs Revit, Grasshopper and Rhino as part of their ever day practice in order to effectively convey the intent of each design project. All of the design diagrams shown in the portfolio were created using one of these powerful software visualization tools.

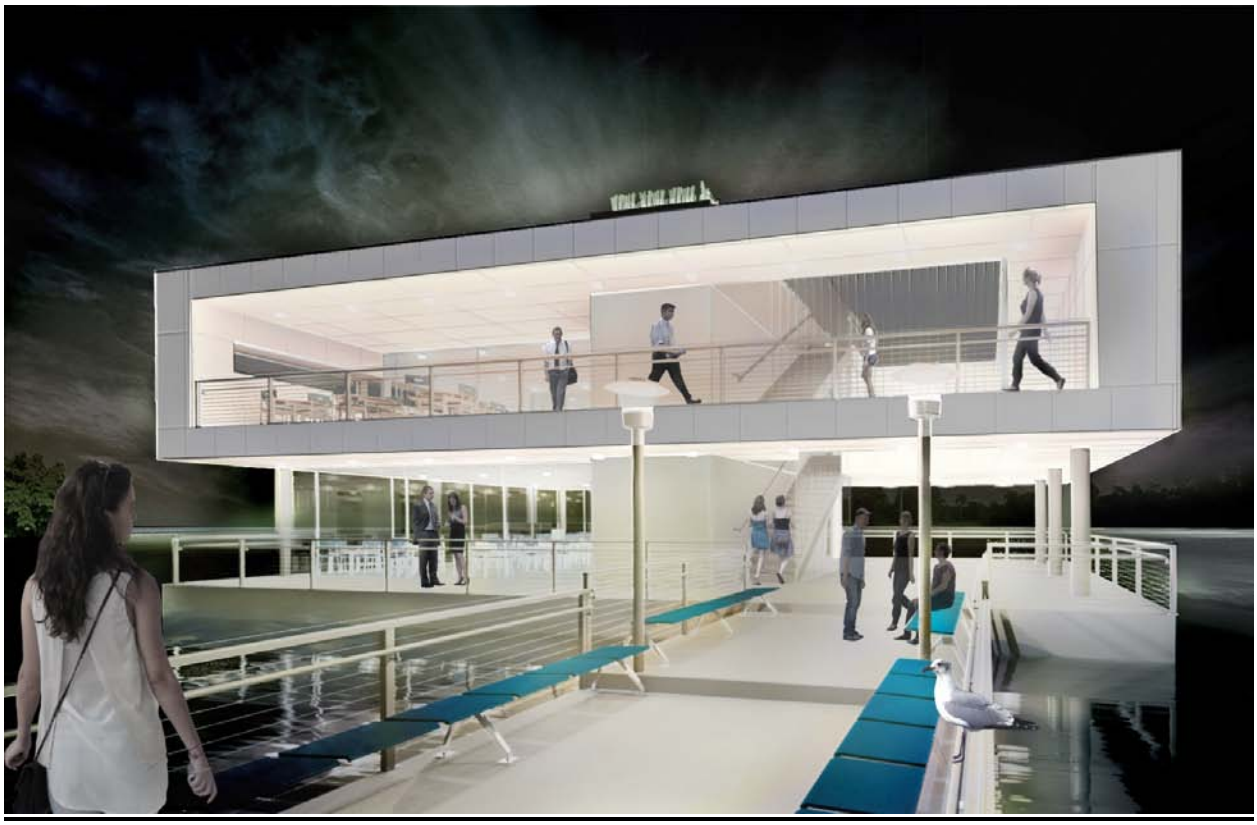
In addition to a powerful information management tool that improves the coordination and creation of construction documents, Revit is also a strong visualization tool. Below are the examples of three projects currently in the design phase ny hayes|cumming that have been modeled and rendered exclusively in Revit; a new Floating Student Center for Eckerd College, the STEAM Center - Tampa Bay Innovation Center and The Warehouse Arts Enclave all projects here in the St Petersburg area.

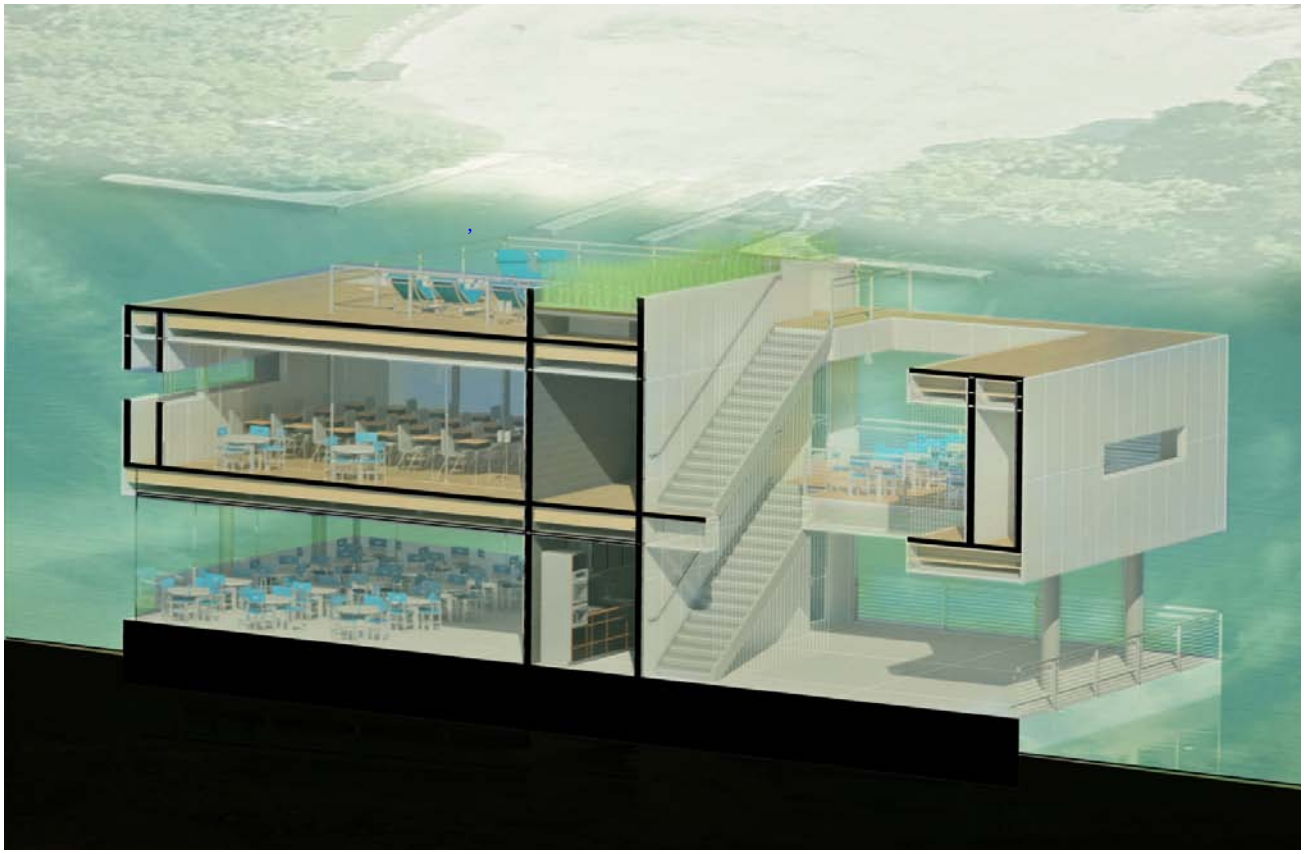
Floating Student Center for Eckerd College

## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH SHEETS AS NEEDED.

Floating Student Center for Eckerd College





## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH SHEETS AS NEEDED.

St Petersburg STEAM Center by Tampa Bay Innovation Center


## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH SHEETS AS NEEDED.

Warehouse Arts Enclave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# ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*:

## PART II - GENERAL QUALIFICATIONS

*(If a firm has branch offices, complete for each specific branch office seeking work.)*

2a. FIRM (OR BRANCH OFFICE) NAME: **Hayes|Cumming Architects, P.A.**

3. YEAR ESTABLISHED: 2006

4. DUNS NUMBER: 809141497

2b. STREET: 2210 Central Avenue, Suite 100

2c. CITY: St Petersburg

2d. STATE: FL

2e. ZIP: 33712

6a. POINT OF CONTACT NAME AND TITLE: Andrew M. Hayes, AIA, LEED AP, Managing Principal

6b. TELEPHONE NUMBER: 727-321-0900

6c. E-MAIL ADDRESS: ahayes@hc-arc.com

**5. OWNERSHIP**

a. TYPE: Corporation/Professional Assn.

b. SMALL BUSINESS STATUS: Veteran/Native American Owned

7. NAME OF FIRM *(If block 2a is a branch office)*: N/A

**8a. FORMER FIRM NAME(S)** *(If any)*: Hayes Architects, Inc.

**8b. YR. ESTABLISHED**: 1999

**8c. DUNS NUMBER**:

**9. EMPLOYEES BY DISCIPLINE**

| a. Function Code | b. Discipline | c. No. of Employees (1) FIRM | c. No. of Employees (2) BRANCH |
|---|---|---|---|
| 02 | Administrative | 1 | |
| 06 | Architect | 2 | |
| 08 | CADD Technician | 3 | |
| 37 | Interior Designer | 1 | |
| | **Other Employees** | | |
| | **Total** | 8 | |

**10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS**

| a. Profile Code | b. Experience | c. Revenue Index number *(see below)* |
|---|---|---|
| C06 | Churches/Chapels | 2 |
| C12 | Community Facilities | 2 |
| E02 | Education Fac's: Classrooms | 3 |
| H09 | Hospital & Medical Facilities | 2 |
| I05 | Interior Design/Space Planning | 2 |
| O01 | Office Bldgs./Industrial Parks | 3 |
| P05 | (Comm, Reg., Area & State) | 1 |
| R04 | Recreational Facs. | 1 |
| S11 | Sustainable Design | 1 |
| | Medical Office | 1 |

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
*(Insert revenue index number shown at right)*

| | |
|---|---|
| a. Federal Work | 1 |
| b. Non-Federal Work | 3 |
| **c. Total** | 4 |

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

**12. AUTHORIZED REPRESENTATIVE**

The foregoing is a statement of facts.

a. SIGNATURE:

b. DATE: August 16, 2014

c. NAME AND TITLE: Andrew M. Hayes, AIA, LEED AP, Managing Principal

# ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

## PART II – GENERAL QUALIFICATIONS

*(If a firm has branch offices, complete for each specific branch office seeking work.)*

| 2a. FIRM *(or branch office)* NAME | 3. YEAR ESTABLISHED | 4. DUNS NUMBER |
|---|---|---|
| BCC Engineering, Inc. – Tampa Office | 1994 | 02-173-5068 |

| 2b. STREET | 5. OWNERSHIP |
|---|---|
| 5405 Cypress Center Drive, Suite 290 | a. TYPE |

| 2c. CITY | 2d. STATE | 2e. ZIP CODE | Corporation |
|---|---|---|---|
| Tampa | Florida | 33609 | b. SMALL BUSINESS STATUS |

| 6a. POINT OF CONTACT NAME AND TITLE | Yes |
|---|---|
| Christopher Roberts, PE - Regional Manager | 7. NAME OF FIRM *(if block 2a is a branch office)* |

| 6b. TELEPHONE NUMBER | 6c. E-MAIL ADDRESS | BCC Engineering, Inc. |
|---|---|---|
| (813) 637-0000 | croberts@bcceng.com | |

| 8a. FORMER FIRM NAME(S) (if any) | 8b. YR. ESTABLISHED | 8c. DUNS NUMBER |
|---|---|---|
| N/A | 2013 | Same |

### 9. EMPLOYEES BY DISCIPLINE

### 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

| a. Function Code | b. Discipline | c. No. of employees (1) FIRM | c. No. of employees (2) BRANCH | a. Profile Code | b. Experience | c. Revenue Index Number *(see below)* |
|---|---|---|---|---|---|---|
| 02 | Administrative | 9 | 0 | B02 | Bridges | 6 |
| 12 | Civil Engineers | 9 | 1 | C10 | Commercial Buildings; Shopping Centers | 1 |
| 15 | Construction Inspectors | 9 | 0 | C15 | Construction Management | 5 |
| 47 | Planner: Urban/Regional | 8 | 1 | T03 | Traffic and Transportation Engineering | 6 |
| 57 | Structural Engineers | 11 | 0 | R06 | Rehabilitation (Building, Structures) | 1 |
| 60 | Transportation Engineers | 21 | 2 | S09 | Structural Design; Special Structures | 4 |
| 08 | CADD Technicians | 20 | 1 | H11 | Housing (Residential, Multi-Family) | 1 |
| 14 | Computer Programmer | 2 | 0 | | | |
| 58 | Technician / Analyst | 4 | 0 | | | |
| 48 | Project Manager | 6 | 0 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | Total | 99 | 5 | | | |

### 11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
(insert revenue index number shown at right)

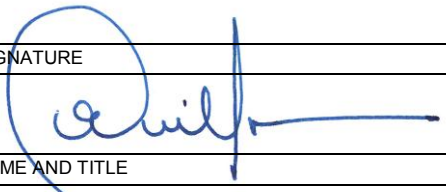
| | |
|---|---|
| a. Federal Work | 1 |
| B. Non-Federal Work | 8 |
| c. Total Work | 8 |

### PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less that $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

### 12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

| a. SIGNATURE | b. DATE |
|---|---|
|  | 09-03-14 |

c. NAME AND TITLE

**Ariel Millan, Principal-in-Charge**