

CITY OF FORT LAUDERDALE FAST FORWARD DESIGN AND CONSTRUCTION MANUAL



BROOKS + SCARPA ARCHITECTS

SOLICITATION NO.
875-11675

APRIL 18, 2017 / 2 PM EST



333 Las Olas Way, CU1
Fort Lauderdale, FL 33301
954-683-1236

4611 W. Slauson Ave.
Los Angeles, CA 90043
323-596-4700
www.brooksscarpa.com

April 18, 2017

Laurie D. Platkin
Procurement Specialist II
City of Fort Lauderdale
Procurement Services Division
100 North Andrews Avenue, Ste 619
Fort Lauderdale, FL 33301

Re: Fast Forward Fort Lauderdale Design and Construction Manual - Solicitation No. 875-11675

Dear Laurie D. Platkin and Selection Committee:

Thank you for the opportunity to submit our qualifications for the *Fast Forward Fort Lauderdale Design and Construction Manual*. This is an opportunity of great personal interest to us. Two years ago our Los Angeles-based firm opened an office in Ft. Lauderdale, Florida. All three of our firm principals are native Floridians. We believe that our core values align with your project goals, needs and desires. These core values have allowed us to explore new ways of building through innovative use of materials, structures and technical systems to create unique environments that people love. As a result, Brooks + Scarpa is considered one of the premier architecture firms in America, having been recognized with some of the most prestigious honors in the profession. Let us highlight six key reasons why we believe we are the best partner for your project.

- **Relevant Experience:** Brooks + Scarpa currently holds or has recently completed multi-year at will, and city contracts with:

| | |
|--|---|
| The City of Miami Beach | The City of Pembroke Pines |
| The City of Santa Monica | The City of West Hollywood |
| The City of Los Angeles (<i>currently in our 8th year</i>) | The City of Long Beach |
| The City of Monterey Park | The City of Seatac/Seattle |
| The County of Los Angeles | Arkansas Natural Resources Commission (with |
| The United States General Services Administration | Arkansas Community Design Center) |
- **Coastal Environment Experience:** Brooks + Scarpa has completed over 50 projects within 1/2 mile of the beach on the Pacific Coast and is currently working on multiple projects in South Florida. Our Principal Jeff Huber, AIA has also worked on many completed architectural and urban design projects regionally.
- **Sustainable Design Ability:** Brooks + Scarpa has received five national AIA COTE Top Ten Green Building Awards and has been heralded as one of the preeminent sustainable design firms in the nation, incorporating sustainable principles for over a decade as part of our core values. Our team consists of recognized leaders and vanguards in the field of sustainability.
- **Design Excellence:** Honored with the 2014 Smithsonian Cooper- Hewitt National Design Award, Brooks + Scarpa is one of the most celebrated architecture firms in America. Significant recognition includes National and State of California American Institute of Architects Firm Awards, Lifetime Achievement Awards from Interior Design Magazine and the AIA California Council, and over 100 AIA Honor Awards including 5 National AIA COTE Top Ten Green Building awards, 19 National AIA Design awards and thousands of publications. Brooks + Scarpa is ranked the 7th Overall Top Architecture Firm in the USA by Architect Magazine and 333rd worldwide by Design Intelligence. Most recently we received multiple 2016 AIA Florida and AIA Ft. Lauderdale design awards.

- **Responsibility To Our Clients:** It is important to us that we achieve a balance between engineering and art, efficiency and beauty, diversity of users and functionality, while conforming to project's construction budget and schedule. It is of our highest priority to develop design and engineering approaches that minimize complex and possibly expensive or time-consuming elements, in favor of a simplified, direct approach which results in more flexibility at the operational stage, fewer problems, and ultimately lower costs. The quality of a project is not necessarily related to how much it costs, but rather how wisely the resources of time and money are spent.
- **Local Presence:** Brooks + Scarpa operates an office in Fort Lauderdale. Our principal in that office, Jeff Huber, AIA will be Project Manager for this project. Jeff is a native Floridian and has spent most of his life in South Florida. He has over a decade and a half professional experience with public realm projects for a variety of municipalities. Both our engineering and landscape architecture firms are based in south Florida.

In addition, Brooks + Scarpa has nearly thirty years of experience and over 500 completed projects with a total construction value in excess of \$6 billion. Brooks + Scarpa have completed projects of almost every imaginable type and size ranging from a small single-family residential landscape design with a \$30,000 budget to a fixed-bid and design/build governmental project with a budget in excess of \$200 million.

Firm Principal Jeffrey Huber, who is also a faculty member at Florida Atlantic University, has partnered with the City of Fort Lauderdale on two federal grants related to development of adaptation solutions to sea level rise and climate change. These grants have engaged the public domain and are gaining notoriety across the country for their ability to tie multiple co-benefits related to enhanced livability, adaptation, and resilience of public realm infrastructure and private development. He has built a network of local academics and professionals and can bring this valuable insight to the design and construction manual. He has considerable experience in development of design manuals, including *Low Impact Development, a design manual for urban areas* developed for the State of Arkansas which is utilized across the country. Jeffrey has also been a member of the City's Sustainability Advisory Board, currently serves as president of AIA Fort Lauderdale and is a member of AIA Florida's strategic council. He is knowledgeable of the City's Fast Forward Vision Plan and is an expert who advocates for good urban design across the country.

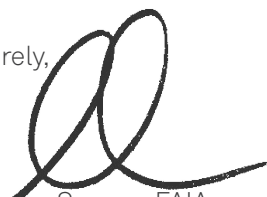
Based in Ft. Lauderdale TBG will provide Landscape Architecture consulting services to the Brooks + Scarpa Team. With over 4 years of experience serving south Florida on numerous projects, TBG has developed truly extraordinary projects to enhance the public realm. Moreover, Paul Weinberg has spent 17 years in south Florida, gaining a unique appreciation for the rich character and quality of life that define the region and Hollywood in particular.

Based in Coral Gables, STANTEC will provide Engineering consulting services to our team. STANTEC has worked locally with over ten municipalities on work related to public realm design and planning. Two of their recent projects included Caribbean Boulevard Improvements and Sunset Drive West Master Plan, and received an APA Florida Award of Merit. With over 12,000 employees nationwide STANTEC can provide professional services including structural, civil, environmental and transportation engineering. They can also provide surveying, planning and cost consulting services.

The Brooks + Scarpa team provides a unique combination of local knowledge and experience coupled with international design recognition for projects of varying scale and typology. We are honored to have the opportunity to share our core values with you. Please feel free to contact us directly at (323) 596-4701 or scarpa@brooksscarpa.com for Lawrence Scarpa, or (954) 683-1236 or huber@brooksscarpa.com for Jeff Huber.

We are hopeful to move into the next stage of selection. Please notify us if we can provide you with any further information. We look forward to hearing from you.

Sincerely,



Lawrence Scarpa, FAIA
Principal, Brooks + Scarpa Architects



Jeffrey Huber, AIA
Principal, Brooks + Scarpa Architects

TABLE OF CONTENTS

| | |
|-----------------------------|----|
| EXECUTIVE SUMMARY | 1 |
| EXPERIENCE + QUALIFICATIONS | 5 |
| APPROACH TO SCOPE OF WORK | 65 |
| REFERENCES | 73 |
| SUBCONTRACTORS | 77 |
| REQUIRED FORMS | 85 |

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY

BACKGROUND - Brooks + Scarpa is a national organization with offices located in Fort Lauderdale, FL, Charlotte, NC and Los Angeles, CA. Honored with the 2014 Smithsonian Cooper- Hewitt National Design Award, the firm is a multi-disciplinary practice that includes architecture, landscape architecture, planning, environmental design, materials research, graphic, furniture and interior design services.

Founded in 1993 as Pugh + Scarpa, the firm changed its name in 2011 to reflect the current leadership under Angela Brooks, FAIA and Lawrence Scarpa, FAIA. In 2015 Jeffrey Huber, AIA joined the firm as a Principal and Director of Planning and Urban Design. Over the twenty five years of practice, Brooks + Scarpa has completed nearly every project type ranging from single-family homes to multi-family housing, affordable housing, commercial, institutional, educational and governmental buildings and public space.

Brooks + Scarpa is a collective of architects, designers and creative thinkers dedicated to enhancing the human experience. Awarded the 2010 State of California and National American Institute of Architecture Firm Award for nineteen years of consistently exemplary work, seamlessly blending



Santa Monica Parking Garages.

architecture, art and craft, Brooks + Scarpa has also garnered international acclaim for our creative design and development techniques in unique and unexpected ways. The firm has been recognized for pioneering more holistic approaches to deliver award winning environmentally responsive designs.

While many firms specialize in a single project type Brooks + Scarpa has developed design expertise

regardless of type. We are known for 'special' and 'unique' public art, buildings, and urban design of various types. We have developed design expertise, a



Sculpture Rendering, City of Pembroke Pines.

methodology, regardless of project type. Approaching every project with fresh eyes, allows us to bring the best critical thinking to the table, often resulting in unique and appropriately suited solutions to old problems.

The Brooks + Scarpa team practices architecture and urban design with an extremely rigorous and exacting methodology, incorporating cross-discipline research and digital technologies, while remaining open-minded, so that our work can adapt throughout the dynamic process of making places for people. Each project is designed to address our client's needs, budget and specific regional conditions incorporating important global issues such as sustainability and resilience.

Brooks + Scarpa has a proven track record at delivering design excellence that inspires and engages people, incorporating creativity, originality, functionality and technology. These core values allow us to challenge convention and explore new ways of building and infrastructure development through innovative use of materials, structures and technical systems to create spaces people love.

Our studio has been recognized with some of the most prestigious honors in the profession. With more than one hundred significant national and international awards and thousands of publications Brooks + Scarpa is considered one the premier design firms in architecture. Awards include the Smithsonian Cooper-Hewitt National Design Award, National and State of California American Institute of

Architects Firm Award, The Lifetime Achievement Award from AIA California Council and Interior Design Magazine, Architectural Record Houses, Architectural Record Interiors, The World Habitat Award and The Rudy Brunner Prize.

With three office locations, Brooks + Scarpa has designed and completed projects throughout the US in Hawaii, California, Utah, Arizona, New Mexico, Illinois, Florida, Washington and North Carolina as well as international projects in China and Mexico. Our firm customarily works around the world and can easily work effectively on the *Fast Forward Fort Lauderdale Design and Construction Manual* from our Fort Lauderdale and Los Angeles offices.

PRIMARY OFFICE

4611 W Slauson Avenue
Los Angeles, CA 90043

LOCAL OFFICE

333 Las Olas Way, CU1
Fort Lauderdale, FL 33301

LEADERSHIP & STAFF

Angela Brooks, FAIA, CEO

(Los Angeles)

Lawrence Scarpa, FAIA, President

(Los Angeles and Fort Lauderdale)

Jeffrey Huber, AIA, Director

(Fort Lauderdale)

Our interest is in producing meaningful work that is rooted in its context, both cultural and physical. We have developed design processes that focus on the unique values of each project. When complete, the *Fast Forward Fort Lauderdale Design and Construction Manual* will express the several roles for formal, functional and experiential effect required of design and construction by the city of Fort Lauderdale.

The key elements to our approach, as demonstrated in the following sections of our proposal include:

DESIGN EXCELLENCE - Inspire and engage the campus community with symbolic/iconic design, incorporating creativity, originality, functionality, technology and education that will be identifiable as a symbol of excellence throughout the local

community. Our team will challenge convention, lead discovery and explore new ways of collaborating through innovative use of materials, structures and technical systems, playing a positive role in the wider Florida community.

VERSATILITY - Achieve a balance between engineering and art, efficiency and beauty, diversity of users and functionality, while conforming to the project's construction budget and schedule. We believe that the design should actively engage social, cultural, technical and ecological issues, because it is through this lens that design becomes relevant. Success is measured by the design's responsiveness to the community, its place, the building's users, and to the citizens of Fort Lauderdale.

FUNCTIONALITY - Support connectivity that brings the community together while encouraging greater interaction and informal exchange between any design team and the community. Ensure that new buildings and the related public realm foster the City's identity and vitality, and anticipate the need for future growth and renewal, while enhancing the human experience, public safety and universal accessibility.

ENVIRONMENTAL STEWARDSHIP - Respect the local ecosystem; recognize the integration with nature, connection to the greater community while incorporating state-of-the-art eco-friendly design guidelines within the *Fast Forward Fort Lauderdale Design and Construction Manual* that will contribute to the Fort Lauderdale community. We will demonstrate and advance sustainability best practices and innovation.

CONSTRUCTION FEASIBILITY - The quality of a project is not necessarily related to how much it costs, but rather how wisely the resources of time and money are spent. We firmly believe that design excellence can be achieved on any scale or budget; that economy and aesthetics are not mutually exclusive. Our strategy is to seek simplicity, which results in flexibility in use and economy in cost. We are constantly aware of our responsibility to our clients, who rely on us to honor our commitments to budget, schedule, and quality of work.

EXPERIENCE + QUALIFICATIONS

EXPERIENCE

EXPERIENCE - Brooks + Scarpa is, and has been, a firm on the forefront of sustainable design for nearly three decades. We have successfully completed multiple LEED certified projects, and many more that were designed to LEED standards. Completed in 2002, our Colorado Court project was the first LEED Gold multi-family residential building in the United States. Our approach is to utilize passive sustainable strategies first, before introducing active



Colorado Court, one of the first buildings of its type in the US designed to be 100% energy neutral.

sustainable systems. We believe every sustainable design application leads to the integration of healthier and higher quality natural system.

Brooks + Scarpa Architects is a type “S” corporation consisting of 17 professionals including 4 licensed architects, two of which are registered in the State of Florida, as well as highly skilled and experienced designers and architectural graduates. Brooks + Scarpa staff from all three offices will be available to the City of Fort Lauderdale *Fast Forward Design and Construction Manual* as needed. The firm is a federally certified Women-owned Business Enterprise (WBE), Disadvantaged Business Enterprise (DBE), and a Small Business Enterprise (SBE).

We understand the issues around stormwater runoff and Low Impact Developments (LID) as well as multi-modal and forward thinking transportation design and engineering, complete streets and transit-oriented design. Our team is committed to designing within sustainable guidelines, and delivering an ecological and environmentally sensitive design

and construction manual. While at the Arkansas Community Design Center, our principal Jeff Huber, AIA helped develop a LID Manual for the State of Arkansas. Huber's projects like The Creative



The Creative Corridor retrofit of 4 endangered blocks of historic Main Street in downtown Little Rock, AR.

Corridor in Little Rock, AR, with the UACDC, embody the principles of Complete Streets and LID, utilizing bioswales, permeable pavement and integrated parkways into a thoughtful design.

Completed in 2013 and covering a 1/2 mile in length of Main Street, the Arts-anchored living environment project transformed the underutilized corridor into a downtown node giving a thoroughfare a sense of place. The downtown node now fosters an urban lifestyle, a mixed-use working and living environment with a high level of livability. Development of an urban watershed framework plan for the City of Conway, AR focused on the seam between city and water to create a reconciliation landscape that embeds ecosystem services within urban development. This framework which included three demonstration projects across the city, gave the second fastest growing area a portfolio of value-added infrastructural retrofits—green streets, water treatment art parks, urban eco-farms, conservation neighborhoods, parking gardens, riparian corridor improvements, lake aerators, vegetative harvestors and floating bio-mats, and a city greeway—complementing mainstream infrastructural investments. Essentially the city would be engineered to work like a sponge. Current research being conducted by Jeff Huber at Florida Atlantic University regarding adaptation strategies

to address sea level rise and climate change in southeast Florida provide a framework that can be capitalized on for the City of Fort Lauderdale. This expertise as well as connections to the academic community in the region will be invaluable to the success of an innovative design and construction manual for the City of Fort Lauderdale.

Demonstrating the firm's commitment to sustainable development the following list is a summary of recent projects that have received LEED ratings.

SUSTAINABLE PROJECTS

| | | |
|---------------|---|------|
| LEED Silver | Beverly Taylor Sorenson Center for the Arts | TBA |
| LEED Platinum | The Six, Multi-family | 2016 |
| LEED Platinum | Gateway Apts, Multi-family | 2016 |
| LEED Platinum | Pico Place, Multi-family | 2013 |
| LEED Gold | Rosa Parks, Multi-family | 2011 |
| CHPS | Green Dot High School | 2010 |
| LEED Platinum | Metalsa Offices & Factory | 2010 |
| LEED Gold | Step up on 5th, Multi-family | 2010 |
| LEED Platinum | Cherokee Lofts, Multi-family | 2010 |
| LEED Platinum | Solar Umbrella Residence | 2006 |
| LEED Gold | Colorado Court, Multi-family | 2005 |

COLLABORATION WITH LOCAL FIRMS - Brooks + Scarpa routinely works out of our area and has successfully partnered with local firms on many of our projects. With each opportunity, we recommend bringing on a qualified local firm as early as possible so as to allow for the insight of the local firm to contribute to the design. As partners, both Brooks + Scarpa with TBG and STANTEC will work each phase of the project together.

A SENSE OF PLACE - Most of us can recall a special experience connected to a place from childhood, a place so magical that the memory remains clear in our mind, years, if not decades later. Yet when we return to the place, our mental picture of it always looks very different than what we remembered. Experiences remain with us even when our visions of those experiences begin to dim and become less clear. Architecture and urban design has the ability to heighten this sense of awareness and bring vitality to one's experience of place. It is important to

us that our designs capture this sense of experience, creating exterior and interiors spaces for people to gather, for communities to come together. It is at this nexus that the design and construction manual



Artwork at Santa Monica Parking Garages. Collaboration with local studio, Ball-Nogues.

must not only support a sustainable and resilient framework, but produce a cohesive public realm that celebrates the uniqueness of a place.

COMPLEX & UNIQUE PROJECTS - We are accustomed to dealing with complex and unique projects that have no or limited models. Brooks + Scarpa's work positions us to answer the complex questions that will arise from this project. Infrastructure for the 21st century city simply will have to do more work! The City's growth and governance successes suggest that it is prepared for the next development stage toward holistic and high-value outcomes for reinventing what a public realm is and can be.

MEET TIME & BUDGET REQUIREMENTS - Brooks + Scarpa recognizes that cost and schedule control is considered by our clients to be a vital measure of our performance. Our design and engineering approaches minimize complex and possibly expensive or time-consuming structural elements, in favor of a simplified, direct approach which results in more flexibility, fewer complications, and ultimately lower costs. The firm has a long standing history of meeting project schedules and budget requirements as is evident from the following selected projects .

SELECTED PROJECTS

LOW IMPACT DEVELOPMENT: a design manual for urban areas

Cost: \$312,000 (including printing of 8000 copies)
 Scope of Work: Research and development of Manual Staff: Jeffrey Huber (Completed while at the Arkansas Community Design Center)
 Client: US EPA Region 6 & the Arkansas Natural Resources Commission
 Contact: Tony Ramick, (501) 682-3914

SANTA MONICA PARKING GARAGES

Cost: \$8.5 Million
 Scope of Work: A/E services for the renovation, facade and signage.
 Staff: Lawrence Scarpa, Lead Designer
 Client: City of Santa Monica
 Contact: Tina Rodriguez, (310) 458-8906

BOTANIZING THE ASPHALT OF NORTH BEACH VILLAGE

Cost: \$25 Million
 Scope of Work: Streetscape design and public realm revitalization to integrate public art and resilient design.
 Staff: Jeffrey Huber, Lead Designer (with Florida Atlantic University)
 Client: City of Fort Lauderdale
 Contact: Ella Parker, (954) 828-3729

IMAGINING A SALTY FUTURE

Scope of Work: Scenario planning for North Beach Village in Fort Lauderdale Beach
 Staff: Jeffrey Huber, Lead Designer, Lawrence Scarpa, Designer (with Florida Atlantic University)
 Client: City of Fort Lauderdale
 Contact: Ella Parker, (954) 828-3729

CONWAY URBAN WATERSHED FRAMEWORK PLAN

Cost: \$285,000
 Scope of Work: Watershed Framework Plan
 Staff: Jeffrey Huber, Lead Designer (Completed while at the Arkansas Community Design Center)
 Client: City of Conway
 Contact: Scott Grummer, (501) 450-6100

LITTLE ROCK CREATIVE CORRIDOR

Cost: \$4 Million
 Scope of Work: Streetscape design
 Staff: Jeffrey Huber, Lead Designer
 Client: City of Little Rock
 Contact: Mayor Mark Stodala, (501) 371-4510

PLUMMER PARK

Cost: \$34 Million
 Scope of Work: A/E services for the design of public plaza, parking facade and station drop-off.
 Staff: Lawrence Scarpa, Lead Designer
 Client: City of West Hollywood
 Contact: Sam Baxter, (323) 848-6308

ANGLE LAKE STATION PLAZA & PARKING

Cost: \$34 Million
 Scope of Work: A/E services for the design of public plaza, parking facade and station drop-off.
 Staff: Lawrence Scarpa, Lead Designer
 Client: Sound Transit
 Contact: Jon Mikhels, (206) 903-7371

CITY CENTER GATEWAY SCULPTURE

Cost: \$199,000
 Scope of Work: Design and fabrication of Gateway Sculpture
 Staff: Lawrence Scarpa, Lead Designer, Jeffrey Huber, Project Architect
 Client: City of Pembroke Pines
 Contact: Jill Slaughter, (954) 392-2129

LOW IMPACT DEVELOPMENT: a design manual for urban areas

Arkansas Natural Resources Commission and US EPA

The manual is the first to devise a LID Facilities Menu of the 21 recognized BMPs organized from mechanical to increased biological functioning. Menu organization also reflects gradient levels of treatment service (quality) and volume reduction service (quantity). The project team devised a transect of the six runoff treatment technologies-the building blocks for developing and retrofitting treatment networks. These tools can be used to incrementally develop context-sensitive network linkages at all scales by property owners, developers, municipalities, and regions (a Wikipedia of water management).

Akin to lifestyle publications, the manual presents an accessible graphic argument, integrating research, urban design templates, technologies, and code reform to illustrate integration of LID technology in urban design. The project team worked with the City of Fayetteville, AR to legalize LID through adoption of a

LID development code-one of only a few in the country. Research content is available through government websites. More than 5000 copies of the manual have been distributed through environmental nonprofits and national bookstores.

*Project completed by the Arkansas Community Design Center under the direction of Principal Jeff Huber.

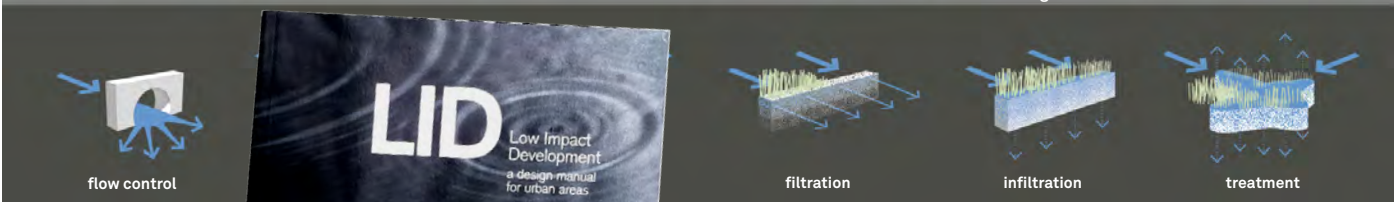
CLIENT: US EPA REGION 6 & THE ARKANSAS NATURAL RESOURCES COMMISSION
DATE: 2010

Manual Web Link:
http://www.bwdh2o.org/wp-content/uploads/2012/03/Low_Impact_Development_Manual-2010.pdf



mechanical

biological



flow control

filtration

infiltration

treatment

slow

flow control: The regulation of stormwater runoff flow rates.

spread

filtration: The sequestration of sediment from stormwater runoff through a porous media such as sand, a fibrous root system, or a man-made filter.

infiltration: The vertical movement of stormwater runoff through soil, recharging groundwater.

treatment: Processes that utilize phytoremediation or bacterial colonies to metabolize contaminants in stormwater runoff.

soak

optimal level of aerobic
filtration/infiltration/treatment

location in LID network:
downstream of filtration
components, but upstream of
larger detention, retention, or
treatment facilities

scale:
2'-8" wide with 2"-4" optimal
water depth

management regime:
occasional removal of trash and
pruning of vegetation

19

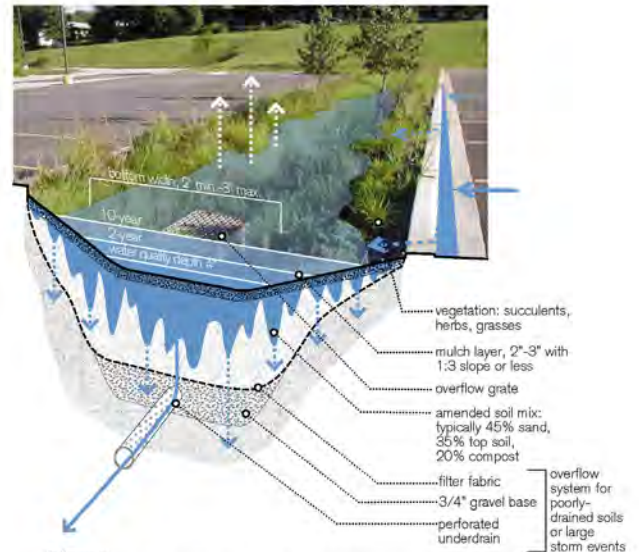


Bioswale

A bioswale is an open, gently sloped, vegetated channel designed for treatment and conveyance of stormwater runoff.

Bioswales are a type of bioretention device in which the primary pollutant removal mechanisms are filtration by grass blades and other facultative vegetation that enhance sedimentation through adhesion of pollutants to the grass and thatch. Bioswales combine treatment and conveyance functions, reducing development costs by eliminating the need for separate conveyance systems. Their main function is to treat stormwater runoff, while the main function of rain gardens is to infiltrate runoff. Bioswales are usually located along roads, drives, or parking lots where the contributing acreage is less than five acres.

Bioswales require curb cuts, gutters or other devices that direct flow to them. They may require an underdrain where soil permeability is limited, as well as an overflow grate for larger storm events.



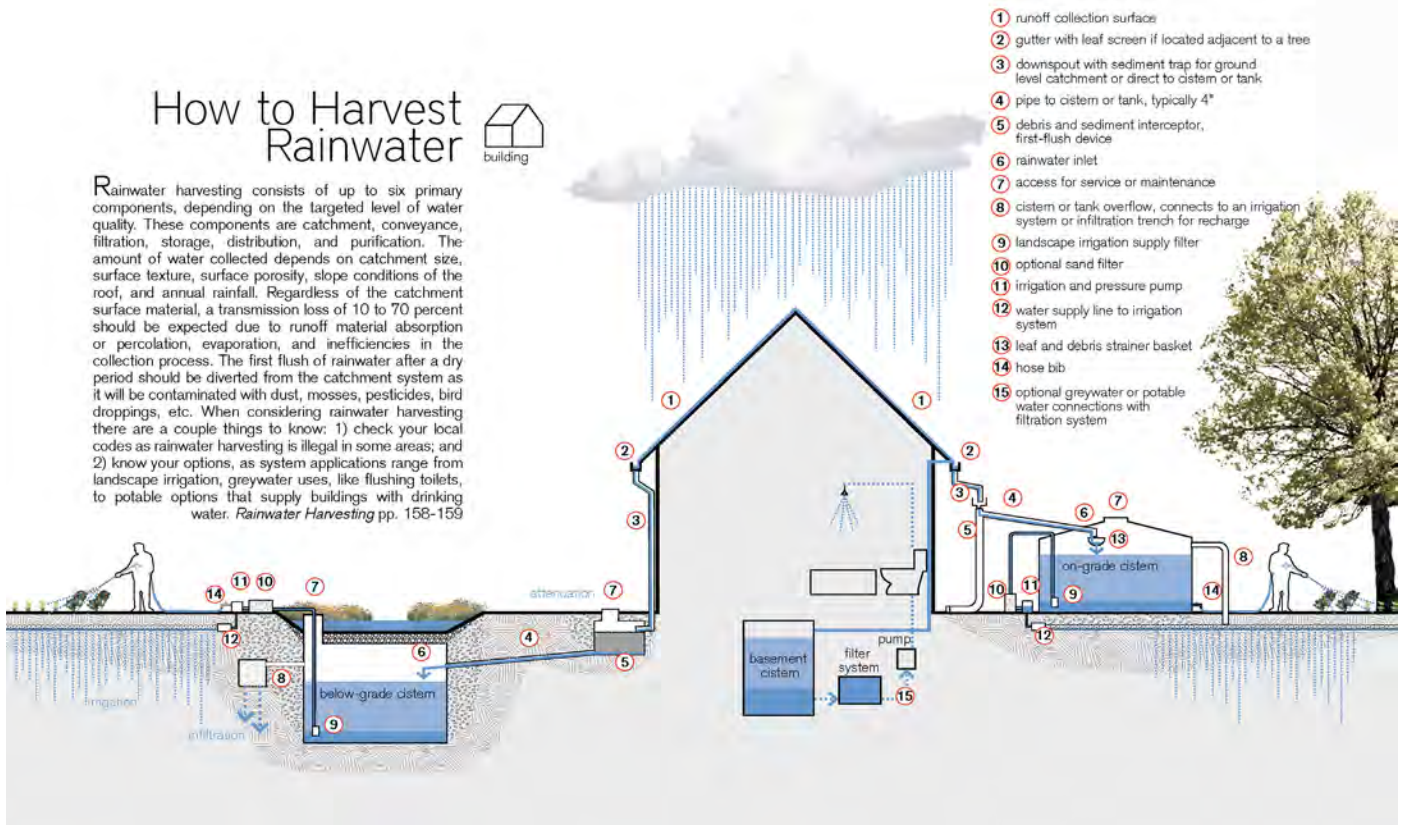
References:
Low Impact Development Design Strategies—An Integrated Design Approach
Low Impact Development Manual for Michigan
Low Impact Development Technical Guidance Manual for Puget Sound
United States Department of Housing and Urban Development
Minnesota Urban Small Sites BMP Manual

Sample pages from the comprehensive manual. Over 5,000 copies have been distributed through environmental non-profit groups and book stores.

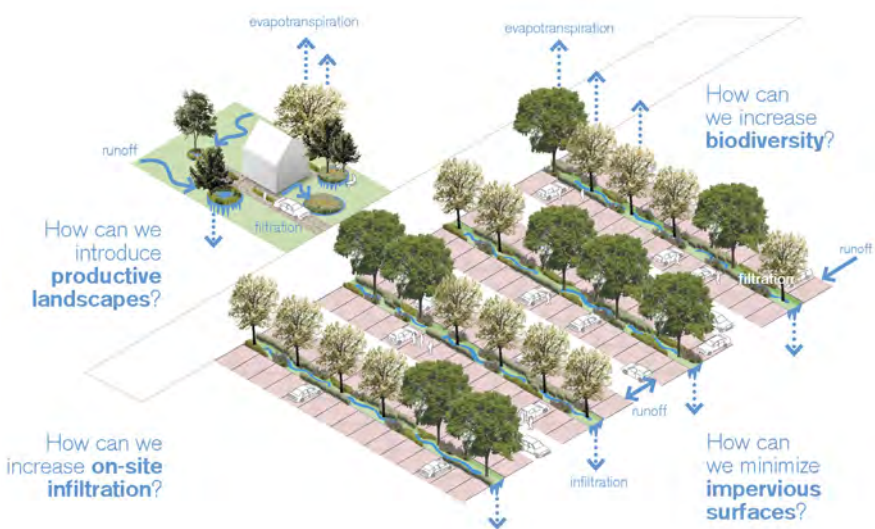
How to Harvest Rainwater



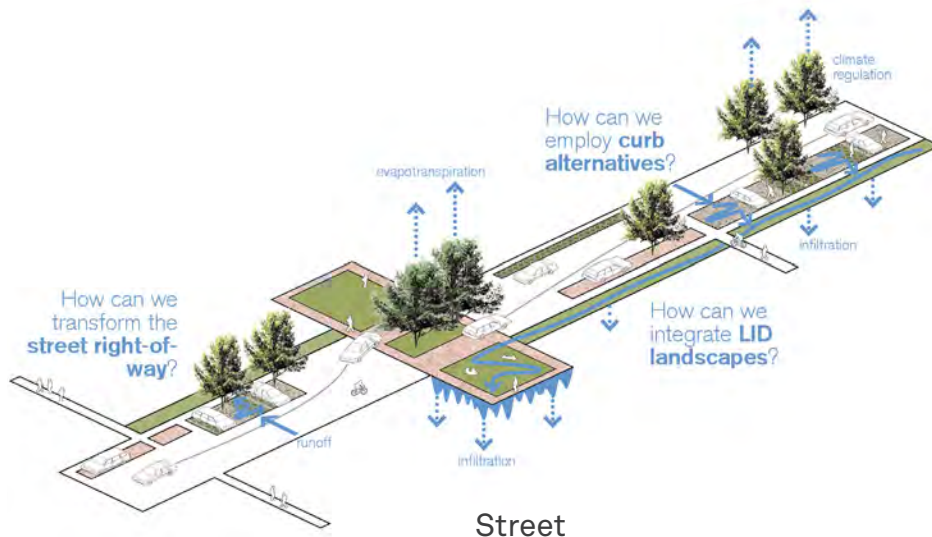
Rainwater harvesting consists of up to six primary components, depending on the targeted level of water quality. These components are catchment, conveyance, filtration, storage, distribution, and purification. The amount of water collected depends on catchment size, surface texture, surface porosity, slope conditions of the roof, and annual rainfall. Regardless of the catchment surface material, a transmission loss of 10 to 70 percent should be expected due to runoff material absorption or percolation, evaporation, and inefficiencies in the collection process. The first flush of rainwater after a dry period should be diverted from the catchment system as it will be contaminated with dust, mosses, pesticides, bird droppings, etc. When considering rainwater harvesting there are a couple things to know: 1) check your local codes as rainwater harvesting is illegal in some areas; and 2) know your options, as system applications range from landscape irrigation, greywater uses, like flushing toilets, to potable options that supply buildings with drinking water. *Rainwater Harvesting* pp. 158-159



Building



Property



Street

What are the LID facilities?

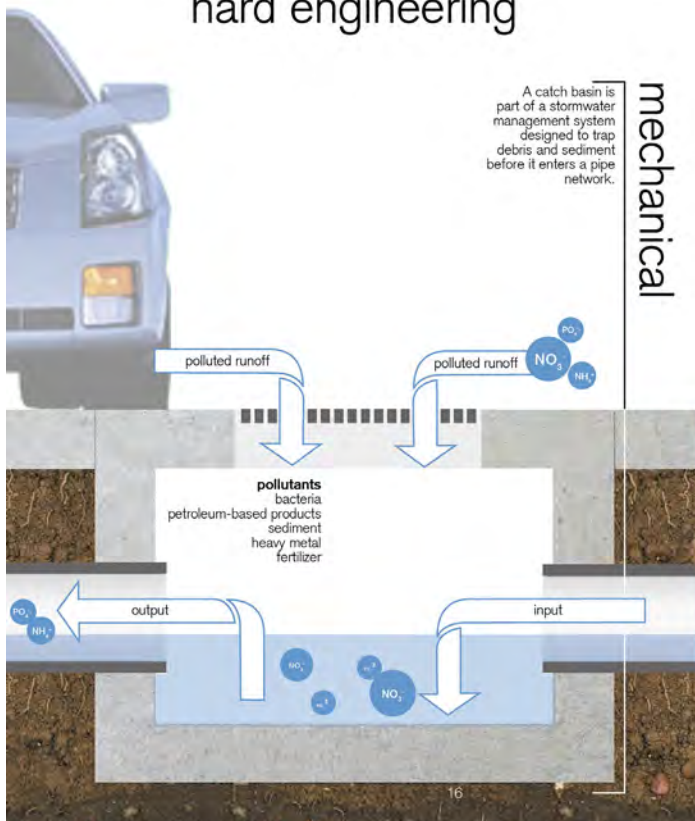
The LID Facilities Menu organizes facilities based on increasing level of treatment service (quality) as well as increasing level of volume reduction (quantity). Therefore, number one (1), flow control devices offer the least amount of treatment services while number twenty-one (21), constructed wetland offers the most. Most municipalities require drainage infrastructure to manage 100-year storm events. Though one facility alone will not likely satisfy performance requirements, facilities with varying levels of service in a treatment network will provide superior levels of treatment and volume reduction.



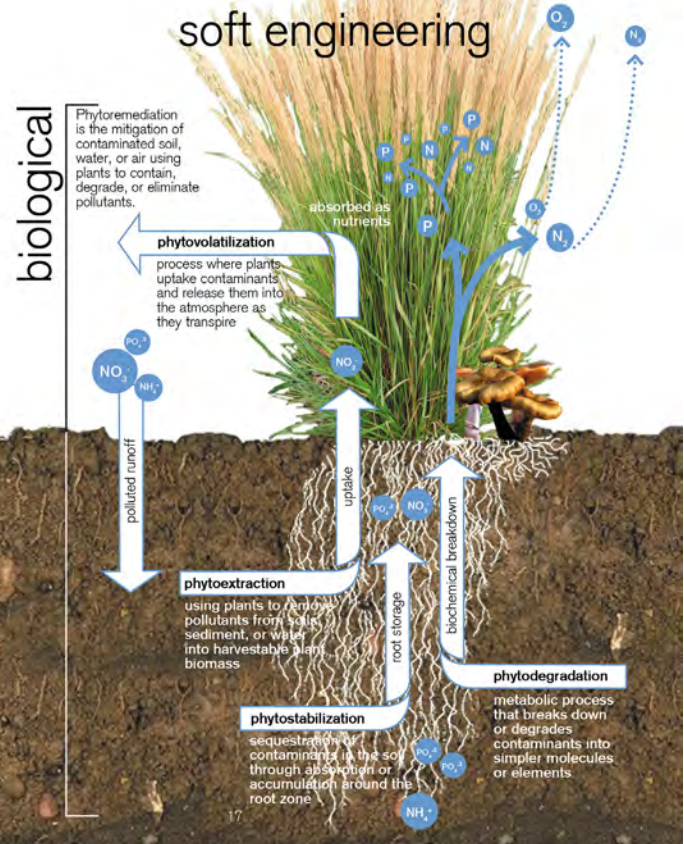
142

143

hard engineering



soft engineering



SANTA MONICA PARKING GARAGES

Santa Monica, CA

Brooks + Scarpa was commissioned to design improvements to the Frank Gehry-designed 2,000 car garages at Santa Monica Place Mall. The team also rehabbed almost 6,000 other parking spaces in eight other city owned parking structures that surround the popular destination of 3rd Street Promenade of Santa Monica.

The main feature of the structure is the building façade, which was designed from a single mass-produced and repeatable panel composed of a series of cement board slats formed into screens resembling lumber pallets. Each panel is approximately 10 feet by 16 feet and arranged in a slightly different position or orientation relative to each adjacent panel. Some panels have a slight shift in the position of a single plank within a number of various panels producing a visual perception of a non-repeating complex patterned façade that is aesthetically pleasing,

visually diverse, provides screening of the parked cars and is economically mass-produced.

In addition to the new façades, these improvements include, retail on the ground level, a bike station, improved pedestrian access, signage and public art. These improvements will afford a much more convivial and welcoming experience for residents and for the millions of visitors the city receives every year.

This project was completed on schedule and under budget. Brooks + Scarpa completed 100% of the work.

CLIENT: City of Santa Monica
CONTACT: Tina Rodriguez, (310) 458-8906
DATE: 2011
SIZE: 2,071,139 SF
COST: \$8.5 Million



View showing new retail added to the ground level of the existing parking garage structure, with new facade.



PUBLIC PARKING

AVAILABLE
SPACES:
640



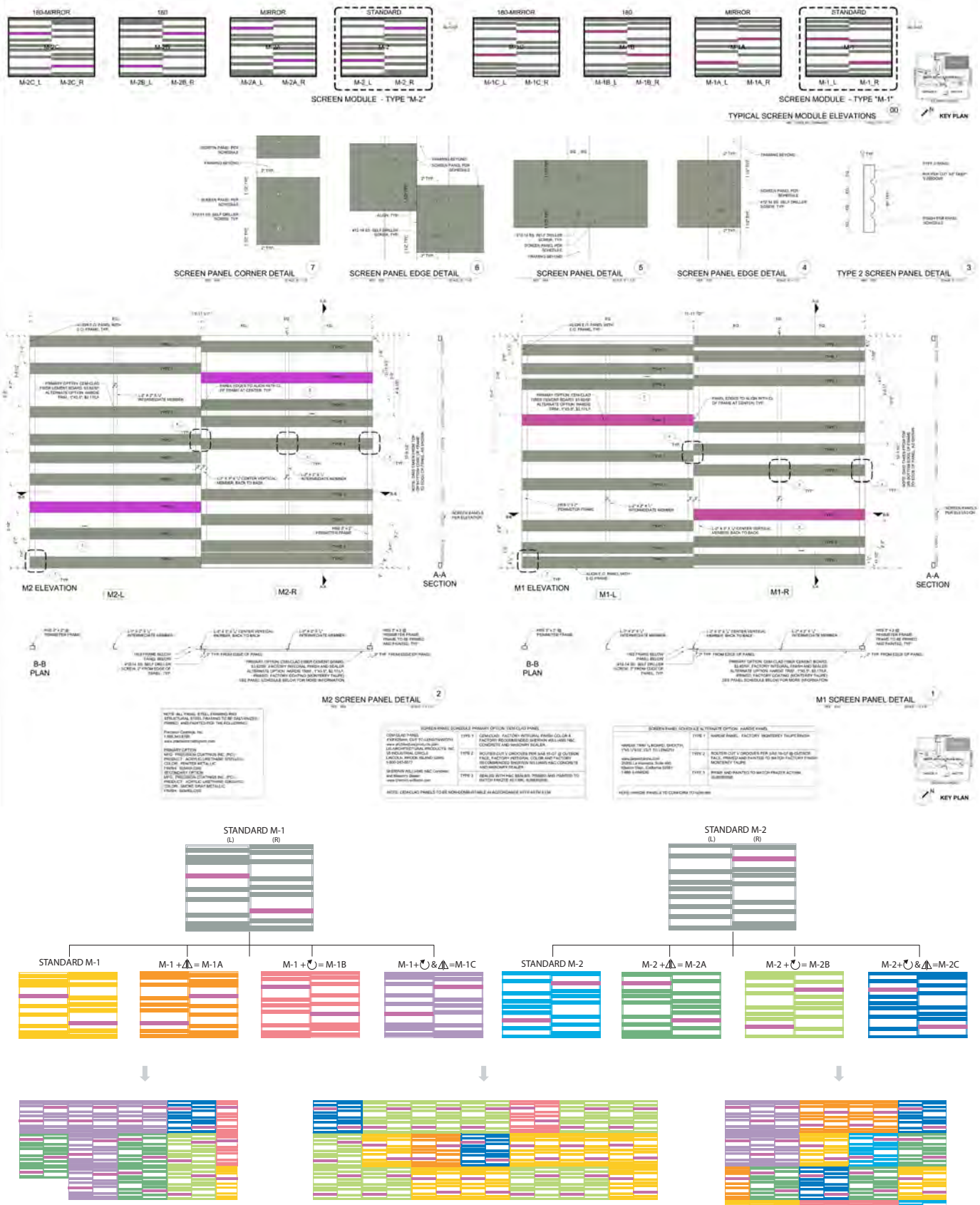
An aerial night photograph of a multi-story parking structure. The building's facade is composed of a grid of horizontal and vertical slats, creating a complex, non-repeating pattern. A prominent red, rectangular volume is attached to the right side of the structure. The parking levels are visible through the slats, with numerous cars parked. The ground level features a storefront with the sign "the shop" and "the avob". The surrounding urban environment is visible in the background, with other buildings and streetlights.

THE MAIN FEATURE OF THE STRUCTURE IS THE BUILDING FACADE, WHICH WAS DESIGNED FROM A SINGLE MASS-PRODUCED AND REPEATABLE PANEL COMPOSED OF A SERIES OF CEMENT BOARD SLATS FORMED INTO SCREENS RESEMBLING LUMBER PALLET. EACH PANEL IS APPROXIMATELY 10 FEET BY 16 FEET AND ARRANGED IN A SLIGHTLY DIFFERENT POSITION OR ORIENTATION RELATIVE TO EACH ADJACENT PANEL. ADDITIONALLY, SOME PANELS HAVE A SLIGHT SHIFT IN THE POSITION OF A SINGLE PLANK WITHIN A NUMBER OF VARIOUS PANELS. THIS PRODUCES A VISUAL PERCEPTION OF A NON-REPEATING COMPLEX PATTERNED FACADE THAT IS AESTHETICALLY PLEASING, VISUALLY DIVERSE, PROVIDES SCREENING OF THE PARKED CARS AND IS ECONOMICALLY MASS-PRODUCED. THE FACADE IS MULTIVALENT AND RICH WITH MEANING PERFORMING SEVERAL ROLES FOR FORMAL, FUNCTIONAL AND EXPERIENTIAL EFFECT. IT IS ALSO INTENDED TO MAKE THE PARKING STRUCTURE ACT VISUALLY MORE AS A BUILDING THAT IS PART OF THE CITY FABRIC THAN SIMPLY A CONVENIENT PLACE TO PARK YOUR CAR.



 malibu j's

INSPIRED BY SUCH
DIVERSE THINGS
RANGING FROM
THE QUILT MAKERS
OF GEE'S BEND IN
SOUTHWEST ALABAMA
TO MANUFACTURERS OF
INDUSTRIAL SHIPPING
PALLET'S BROOKS +
SCARPA ARCHITECTS
EXPLORED THE
POTENTIAL AND ROLE
PATTERN MAKING CAN
PLAY IN ARCHITECTURE
AND BUILDING
CONSTRUCTION.



Brooks + Scarpa technical fabrication drawings used by the contractor to prefabricate the facade panels. The concept was to create two economical and easy to fabricate panels that could be adjusted with a simple fabrication modifier to give interesting variety to the facade.



Clockwise from upper left - view of P8 from the corner of 2nd street and Colorado adjacent to the Santa Monica Pier.



This view shows new facade and public art and the preservation of the iconic Gehry screen. A bike station at this corner of P7.

BOTANIZING THE ASPHALT OF NORTH BEACH VILLAGE

Fort Lauderdale, FL

Development of a streetscape plan for the twenty-five block neighborhood of North Beach Village on Fort Lauderdale Beach that integrates public art and green infrastructure to combat current high tide flooding. The goal of the project is to retrofit streets with ecologically-themed public art streetscape that improve wayfinding and provide enhanced place-making for residents and tourists in the North Beach Village neighborhood while also embedding resilient infrastructure that can adapt to future sea level rise and climate change.

The streetscape master plan is also intended to complement the current updates to the Central Beach Master Plan. North Beach Village holds the potential to become a destination neighborhood commensurate in quality with future building investments currently underway. Another significant trend is the emergence

of a local art and entertainment corridor within the neighborhood along Breakers Avenue.

The challenge is to provide a phaseable planning strategy that can be implemented incrementally and does not require the entire plan to be completed. The streetscape plan shows incremental strategies for retrofitting streets to function as pedestrian-oriented and ecologically-robust streetscape.

*Project completed through Florida Atlantic University under the direction of Principal Jeff Huber.

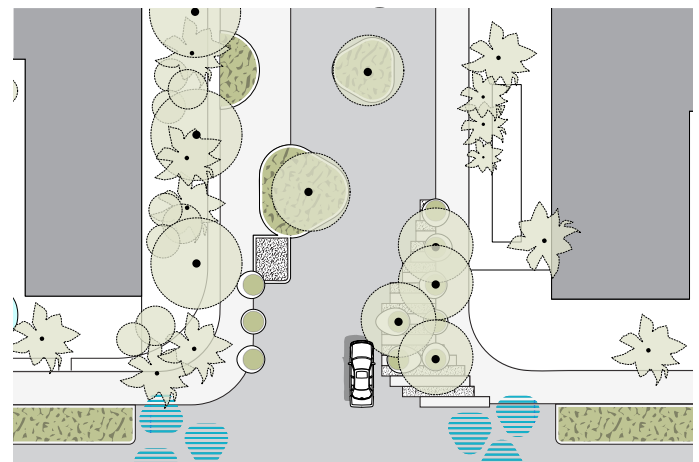
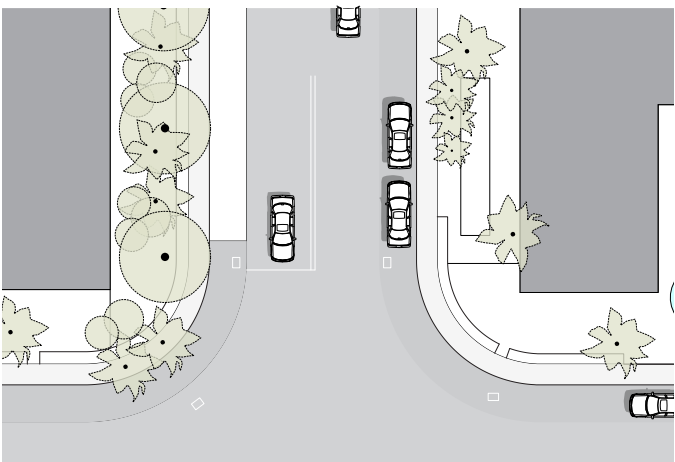
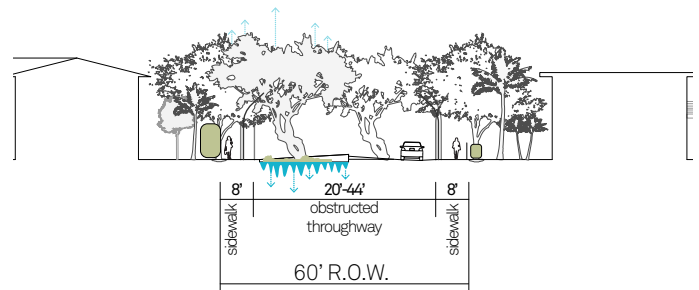
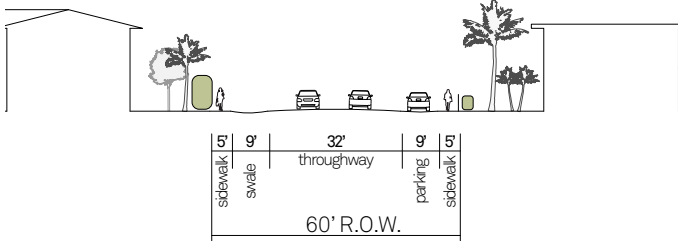
CLIENT: City of Fort Lauderdale
CONTACT: Ella Parker, (954) 828-3729
DATE: 2020
SIZE: 60 Acres
COST: \$25 Million



View of overall streetscape plan for North Beach Village



Before and after eye-level perspective of saltscape retrofits that provide traffic calming and enhanced flood protection.



IMAGINING A SALTY FUTURE

Fort Lauderdale, FL

In an inevitable future of sea level rise, a new framework for urban design and architecture that embeds ecosystem services will emerge as an adaptation solution. Just Add Salt provides a methodology and approach for this emerging “Salty Urbanism” that takes its cues from Reconciliation Ecology.

Utilizing the North Beach Village neighborhood in Fort Lauderdale, FL as case study, this work establishes an interdisciplinary team to develop a coupled research methodology and pedagogical approach that envisions and quantifies the experiential and ecological outcomes of alternative ways forward for the neighborhood in response to rising sea levels. These outcomes consider a future of saturated landscapes and, as a result, integrate research models that accommodate a variety of best management

practices (BMP), low impact development (LID), green infrastructure (GI) and other alternative concepts to be implemented over time in the neighborhood adaptation plan.

This work will ultimately be culminated and packaged into a design manual for coastal communities.

*Project completed through Florida Atlantic University under the direction of Principal Jeff Huber.

CLIENT: City of Fort Lauderdale
CONTACT: Ella Parker, (954) 828-3729
DATE: 2020
SIZE: 60 Acres



View of new development at expanded living shoreline

Diagram illustrating coastal resilience strategies along a shoreline. The diagram shows a cross-section of the ocean, beach, and land. Key features include:

- Intracoastal**: The body of water on the left.
- Littoral Zone**: The area between the mean high and low tide lines, shaded in light blue.
- Storm Surge**: Indicated by a dashed line above the mean high tide.
- Sea Level Rise 3ft**: Indicated by a dashed line above the storm surge.
- Mean High Tide**: Indicated by a dashed line.
- Mean Low Tide**: Indicated by a dashed line.
- Amphibious Structures**: Structures designed to function both on land and in water, shown as elevated platforms.
- Stilted Structures**: Structures elevated on stilts to withstand flooding.
- Urban Edge**: The boundary between the existing urban area and the coastal zone.

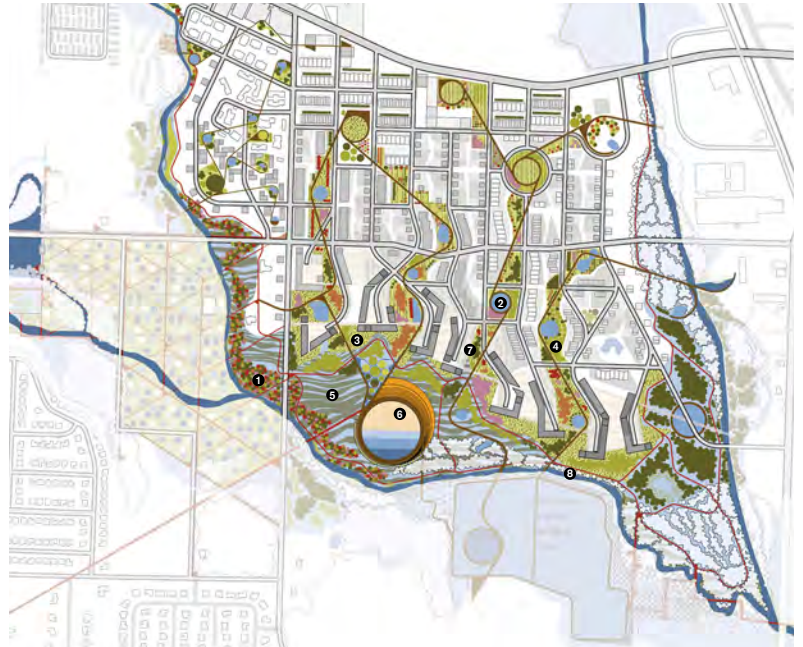
CONWAY URBAN WATERSHED FRAMEWORK PLAN

Conway, AR

Since current urbanization patterns are incompatible with sustained hydrological functioning of the sub-watershed and Lake Conway, an Urban Watershed Plan reconciles urban development with watershed functioning. In addition to urban services related to transportation, housing, commerce, agriculture, and recreation, the plan devises ways that landscape urban infrastructure may also deliver ecological services supportive of watershed functions. The plan features new landscape urbanism solutions that highlight the role of ecologically-based best management practices (BMPs) and Low Impact Development treatment networks in creative placemaking.

*Project completed through Florida Atlantic University under the direction of Principal Jeff Huber.

CLIENT: City of Conway
CONTACT: Scott Grummer (501) 450-6100
DATE: 2015
SIZE: 42 Square Miles

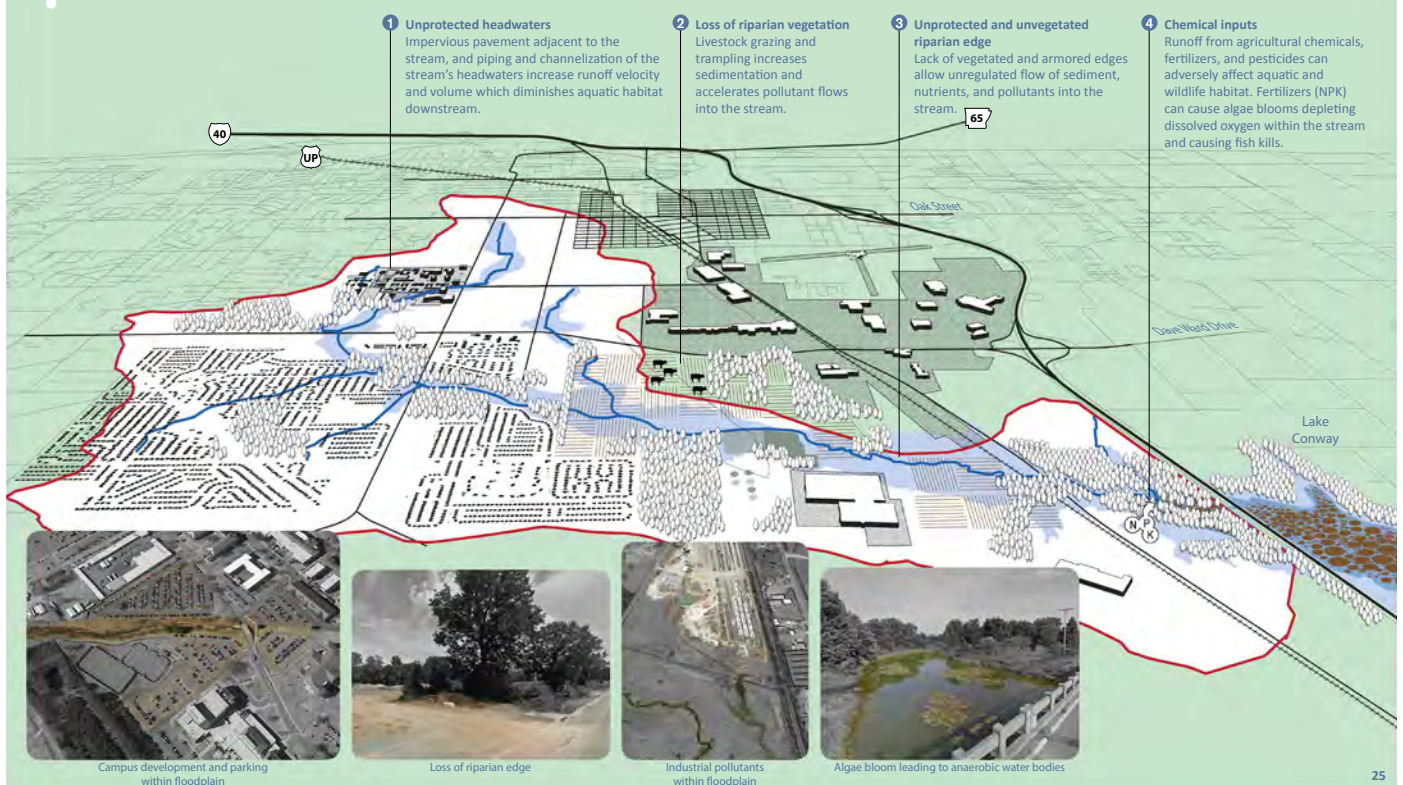


2A

Green Streets and Parks:
Markham Town Square

1 Stone Dam Creek Problemscape

Flowing through the City's first-ring suburbs, this riparian corridor receives sheet flows from invasive turf lawns supplemented by industrial herbicides, pesticides, and fertilizers, as well as nonpoint source inputs from campus parking lots and vacated industrial parcels.



THE LITTLE ROCK CREATIVE CORRIDOR

Little Rock, AR

This reclamation of a neglected historic Main Street proposes a land-use mix different from Main Street's traditional retail base. The plan provides an affordable downtown living option in Little Rock combining residential, office, and culture and tourism. The latter includes space for the symphony, ballet, arts center, visual artists, theater, and dance, as well as a culinary arts economy that triangulates restaurants, demonstration, and education. To ensure a coherent identity among different eras of development, design solutions rely on the urbanism of streetscapes—landscape architecture, ecological engineering, public space configurations, and architectural frontage systems.

Project design was funded under an NEA "Our Town" 2011-2012 grant. The USEPA and the Arkansas Natural Resources Commission committed \$1.2 million in

capital funding to implement the plan's demonstration LID streetscapes.

Phase 1 was completed in 2015 at a cost of \$4 million. Currently, historic structures in the Creative Corridor are either under contract or undergoing more than \$30 million in rehabilitation, due in large part to the streetscape enhancements.

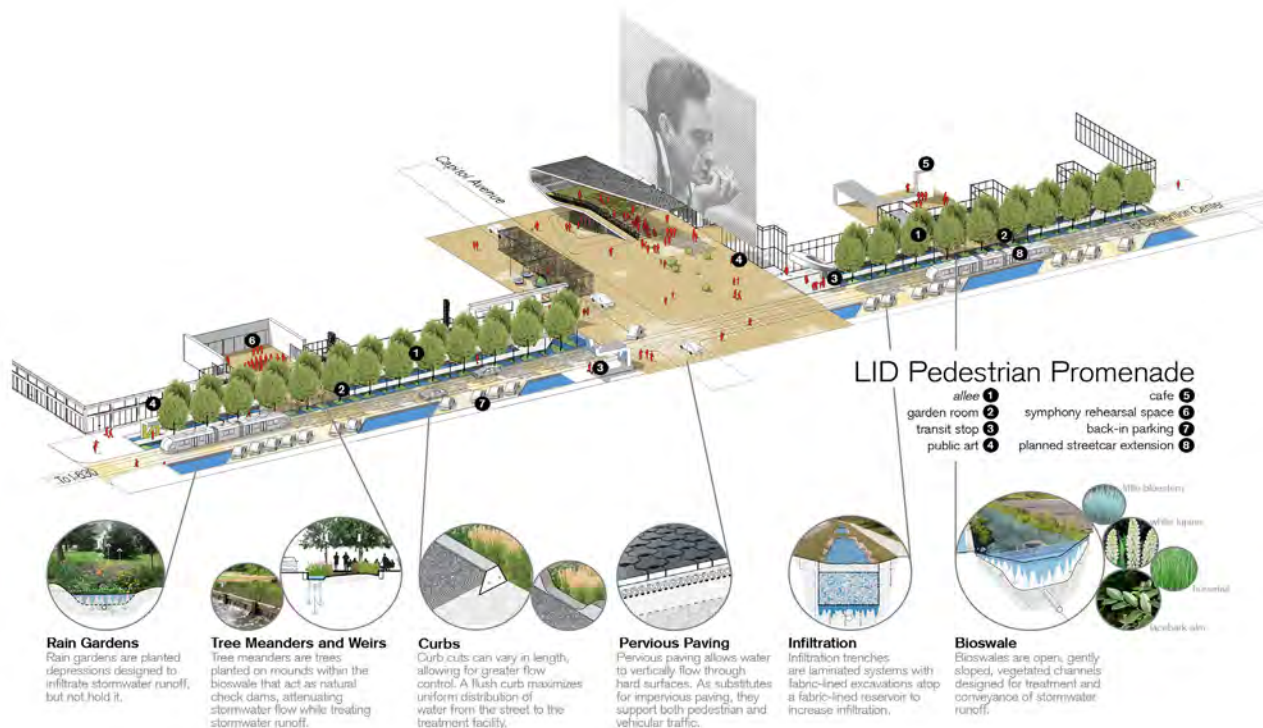
*Project completed by the Arkansas Community Design Center under the direction of Principal Jeff Huber.

CLIENT: City of Little Rock, AK

CONTACT: Mayor Mark Stodala, (501) 371-4510

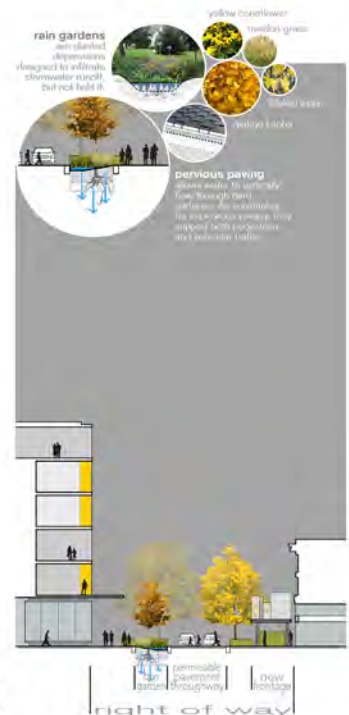
DATE: 2015

SIZE: 4 City Blocks





- South Gateway Plaza**
- | | | | |
|------------------------------|---|-----------------------------|----|
| rain gardens | 1 | repertory theatre marquee | 6 |
| plaza seating | 2 | art gallery boxes | 7 |
| recycled street light garden | 3 | atrium | 8 |
| public art pad | 4 | back-in parking | 9 |
| continuous pedestrian table | 5 | planned streetcar extension | 10 |





Above, below and right - Views of the completed new downtown streetscape.





WALKSCAPES: FROM SIDEWALKS TO ROOMS

Fayetteville, AR

Walkscapes pilots Complete Streets principles to rebalance space allocations between pedestrians and motorists, but goes beyond Complete Streets to explore the sidewalk as an independent art-form. Since School Avenue's right-of-way width is modest, the project approach is directed toward strategic interventions within sidewalks and the shared property borders of select quasi-public entities like WAC, FPL, and Hillcrest Towers Senior Center. Four contextually-responsive pedestrian geographies, or landscapes, function like "drifts" to thicken the typically underdeveloped space of the sidewalk.

Each walkscape sponsors unique configurations made from ordinary landscapes, lighting, street furniture, surface materials, and architectural structures for

particular segments of School Avenue. These four walkscapes can be implemented incrementally, successively, or all at once depending upon available resources and stakeholder interest.

*Project completed by the Arkansas Community Design Center under the direction of Principal Jeff Huber.

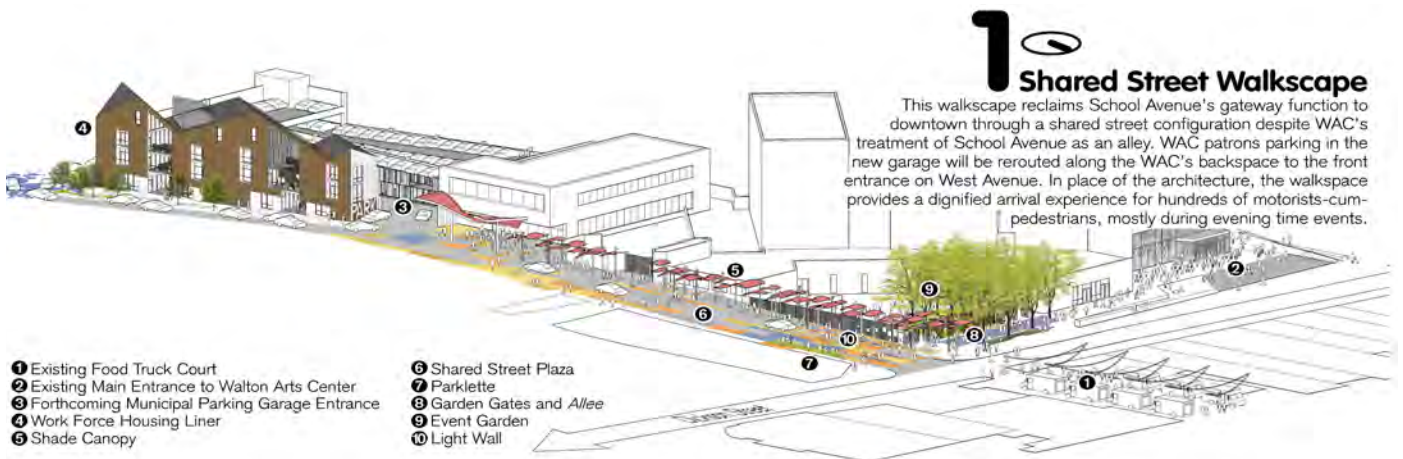
CLIENT: City of Fayetteville, AK
DATE: 2015
SIZE: 1/2 Mile Corridor



View of new Walton Arts Center entry plaza along School Avenue and Dickson Street



Shared street space linking new Walton Arts Center and new parking garage



New gateway plaza at the Fayetteville Public Library

FAYETTEVILLE 2030: TRANSIT CITY SCENARIO

Northwest Arkansas

Since Fayetteville will essentially reproduce another Fayetteville—approximately 160 million square feet—within its existing boundaries in just 20 years, the UACDC proposes to model a three-dimensional 2030 scenario plan that envisions a different but plausible future based on emerging energy and transit trends.

In the Transit City scenario we ask: what if 80% of future growth occurred around a new streetcar system along Fayetteville's main commercial arterial, presently dominated by sprawl and the automobile? Fayetteville could create a five-mile signature multi-modal boulevard that features outdoor public art

malls, transforming single land-use zoning into mixed-use transit-oriented neighborhoods while socially optimizing its transportation future.

*Project completed by the Arkansas Community Design Center under the direction of Principal Jeff Huber.

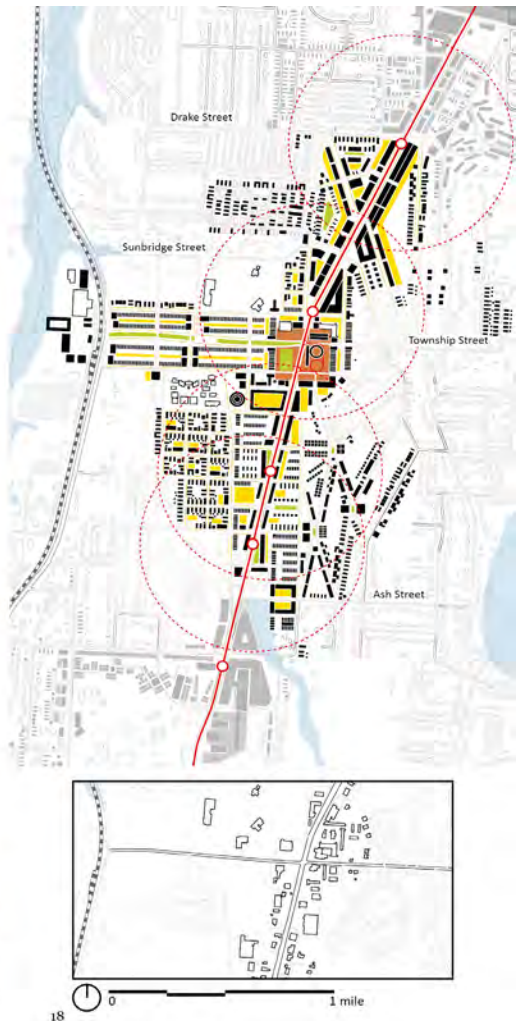
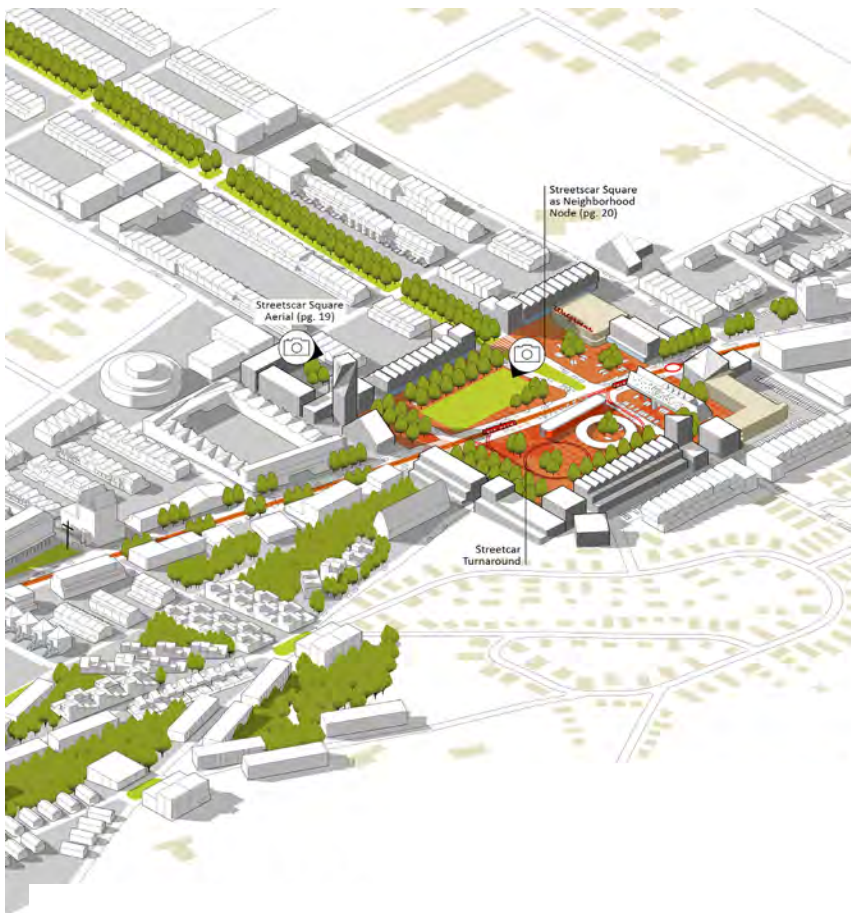
CLIENT: City of Fayetteville, AR
DATE: 2030
SIZE: 5 Mile Corridor



View of the town center transit station and public square.



View of the College Ave Streetscape and street car station (above). Aerial view of the park and neighborhood station (below left). Overall master plan (lower right).



PLUMMER PARK

West Hollywood, CA

Brooks + Scarpa was commissioned to design Phase I of the Plummer Park Master Plan. The project encompasses the renovation and expansion of the 1948 Fiesta Hall into a quality, contemporary multi-purpose performance venue for the community, with the capacity to accommodate between 150 and 200 people in theater-style seating; improvement and expansion of parkland and green space, and additional parking for park patrons and the public.

The project adds 47,000 square feet of new green space—more than 18%--to the park, by demolishing the outdated Great and Long halls and removing the existing 110-space surface parking lot, replacing it with a 179-space subterranean garage. The roof of the garage will become a grassy play grove for children. With eight distinct outdoor areas, a new, 3,500-square-foot preschool, and completely updated Fiesta Hall, Plummer Park will become a true multipurpose, green heart of the community.

The formerly cluttered park is reimagined as a pedestrian-first experience, with each zone emphasizing reflection, repose, play, or engagement, as one moves through paseos, into the Fiesta Hall gardens, and through the Memorial Garden, Palm Grove and Reading Green. Three garage elevator pavilions provide easy access to parking from the Community Center and new garden “rooms.” Trellis-like folly structures pop up at strategic points on the lawn, providing an opportunity for vegetation to grow and provide shade to benches. Through these improvements, Plummer Park will be as creative, diverse and welcoming as the citizens it serves.

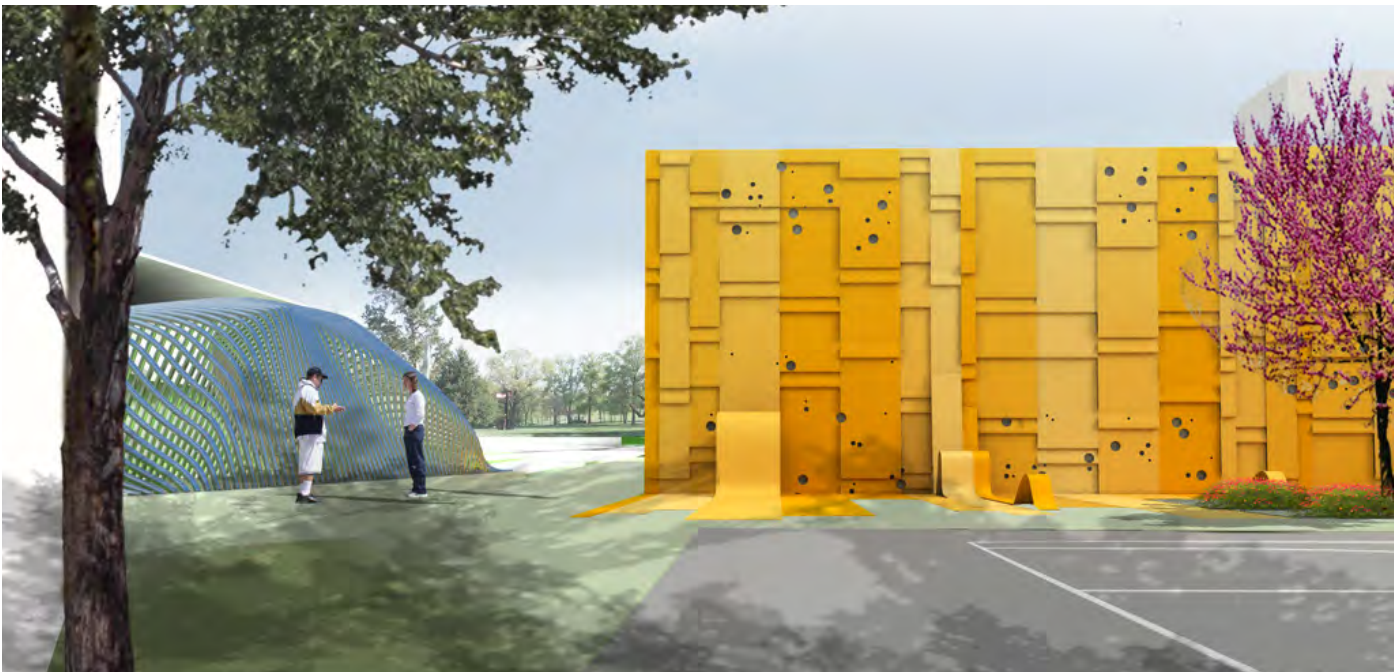
CLIENT: City of West Hollywood

CONTACT: Sam Baxter, sbaxter@weho.org, (323) 848-6308

DATE: 2013

SIZE: 5.7 ACRES

COST: \$12 Million

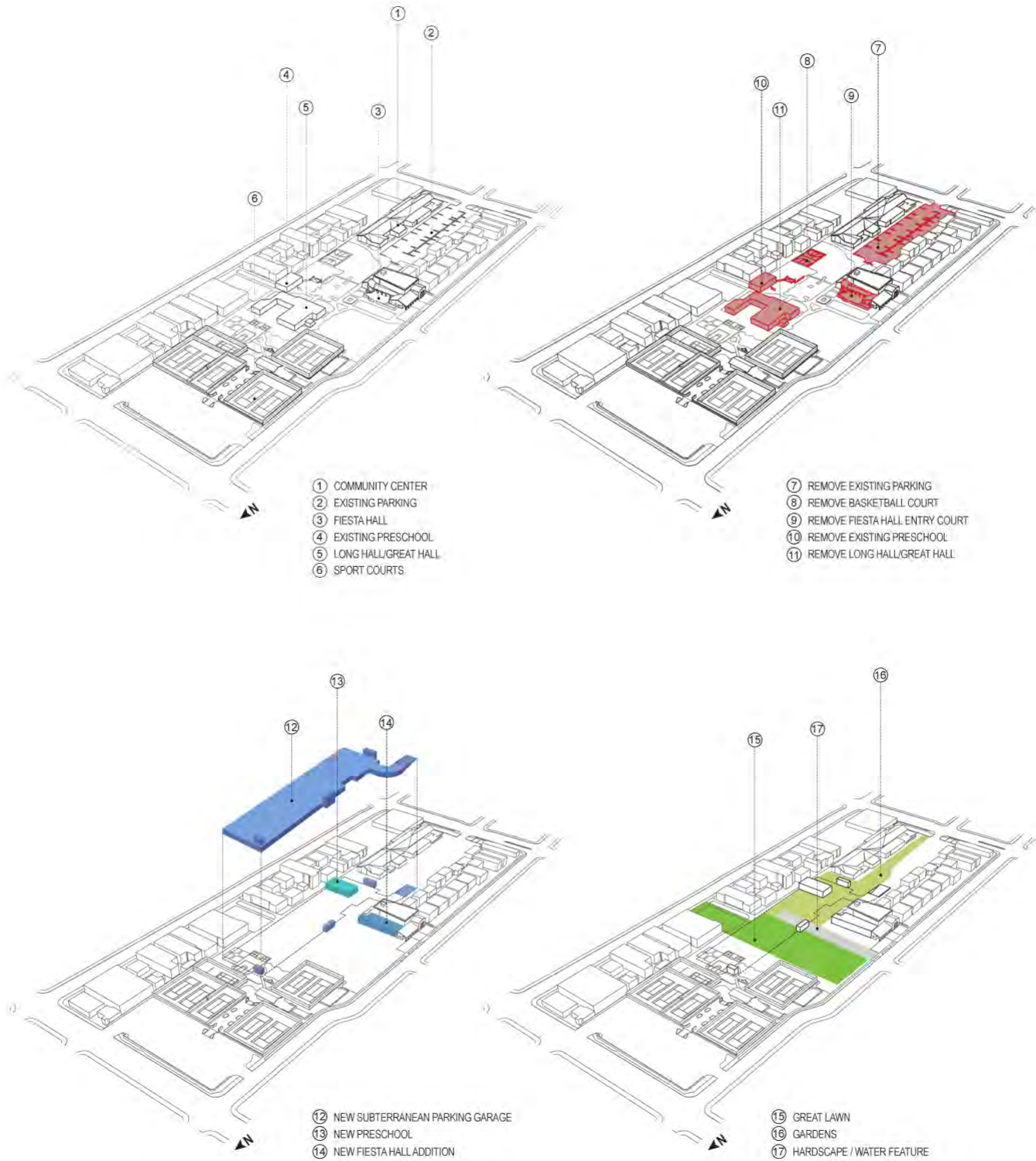




Santa Monica Blvd

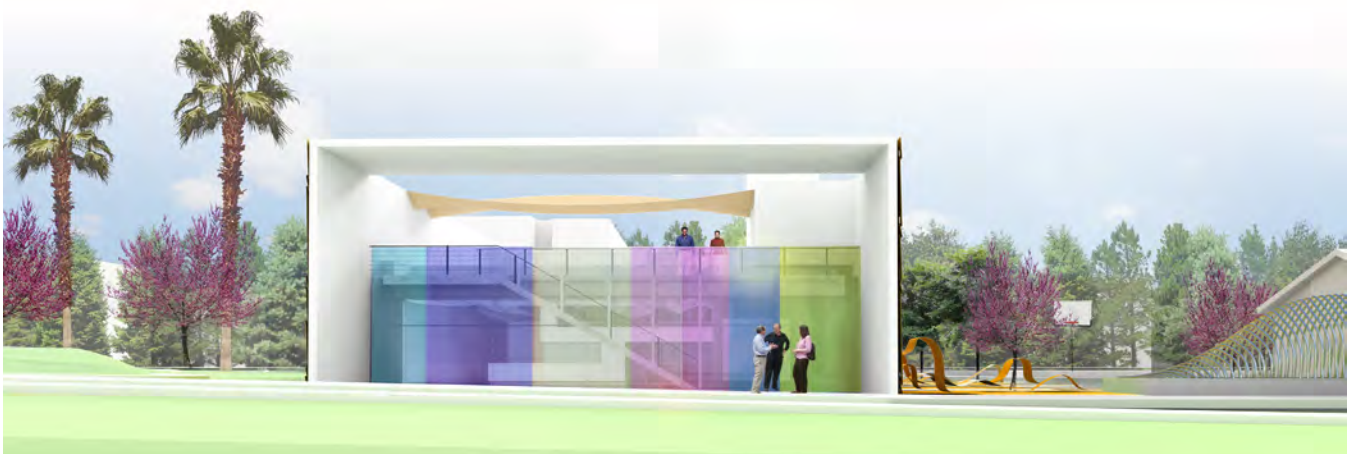
BROOKS + SCARPA ARCHITECTS, INC.

Santa Monica Blvd






Above and Below - The new child day care center with Fiesta Hall on left and park beyond, masterplan, theatre interior, views of child day care center.





Above - Interior view of parking garage wayfinding graphics and opening to park folly above. Below - Renovated Fiesta Hall multi-purpose theatre.



An architectural rendering of a park area. In the foreground, a large green lawn is populated with several people: a boy in an orange shirt is running on the left, and two people are sitting on the grass in the center. In the middle ground, a rectangular blue pool features five white water fountains of varying heights. To the right of the pool is a modern building with a large, white, cantilevered roof and a glass and wood facade. A group of people is standing near the building. The background is filled with lush green trees under a bright blue sky with soft clouds. A small portion of a purple tree is visible in the top left corner.

AS PART OF WEST HOLLYWOOD'S 25-YEAR ANNIVERSARY CAPITAL CAMPAIGN, THIS IMPORTANT PROJECT WILL GIVE THE CITIZENS A PARK WITH CLEAR SIGHT LINES, A SENSE OF UNITY AND COHESIVENESS, CONTEMPORARY FACILITIES AND SERVICES, IMPROVED RECREATIONAL OPPORTUNITIES, ADEQUATE SHADE AND SAFE PLAY FOR CHILDREN.



ANGLE LAKE PLAZA & STATION

SeaTac, WA

This \$34 million project includes a connecting plaza, a drop-off area for light rail users, a retail space with dedicated parking, and 35,000 square feet to be held for future transit-oriented development.

“With ample space for people to live, work, and shop, the new Angle Lake station will serve as a true transit-oriented development south of the airport,” said Sound Transit Board Chair and King County Executive Dow Constantine. “And anyone who’s searched for a spot at area park-and-ride lots will appreciate the 1,000 stalls in this garage.”

The garage and plaza are part of the 1.6-mile South 200th Link Extension that Sound Transit completed four years earlier than planned in the fall of 2016. Angle Lake Station connects 5,400 average weekday riders to the system and provide congestion-free 40-minute rides to downtown Seattle. “The South 200th Link Extension and Angle Lake Station area are important investments for the region,” said Sound Transit Board-member and King County Council Vice Chair Joe McDermott.

The design captures the essence of the natural phenomena of Seatac’s surrounding environment. Its undulating façade moves with the speeding train, is airy and open for the pedestrian, and is at once porous and solid as vehicles round its corners. The openness allows the atmosphere to penetrate its spaces, filtering light and air within. The color and form simultaneously blend with the natural environment, while still differentiating from it to become a beacon and a lasting icon for the City.

Brooks + Scarpa’s sensitivity to context, function and the cultural impact of a project is quality we believe is essential for the successful design of the Fast Forward Fort Lauderdale Design and Construction Manual.

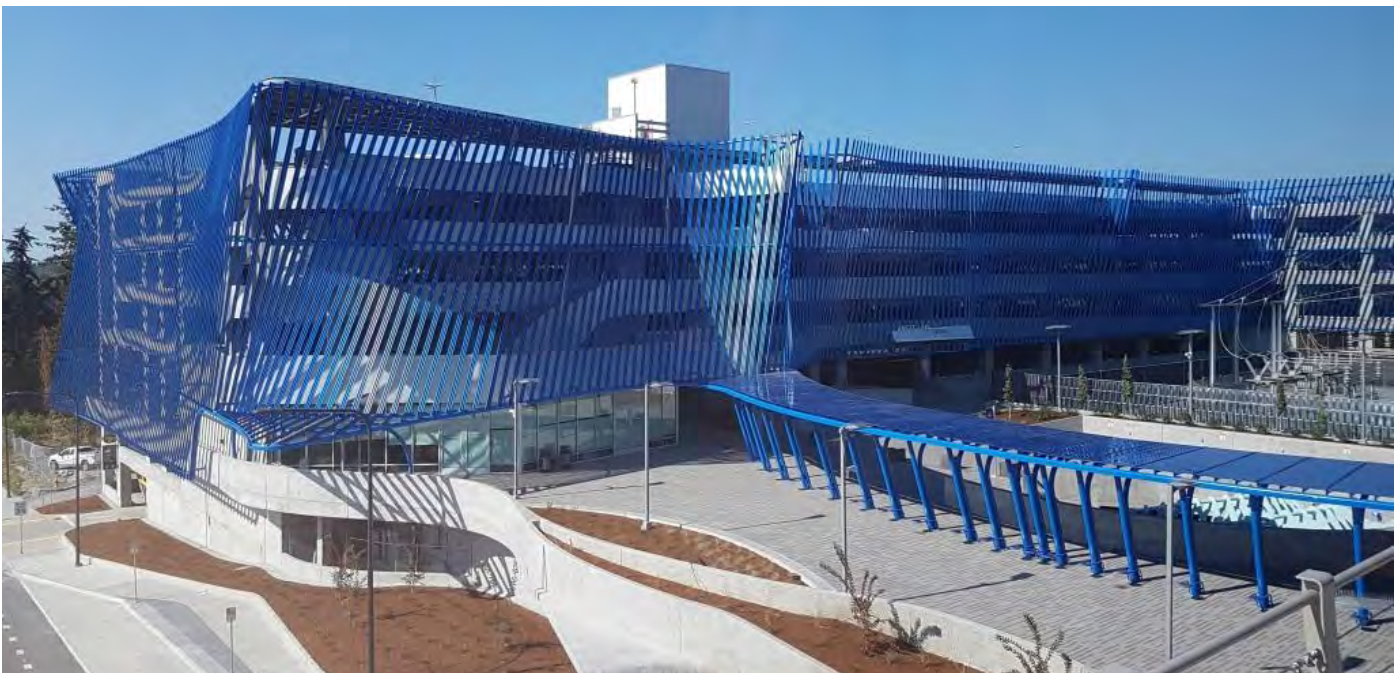
CLIENT: Sound Transit

CONTACT: Jon Mihkels, jon.mihkels@soundtransit.org, (206) 903-7371

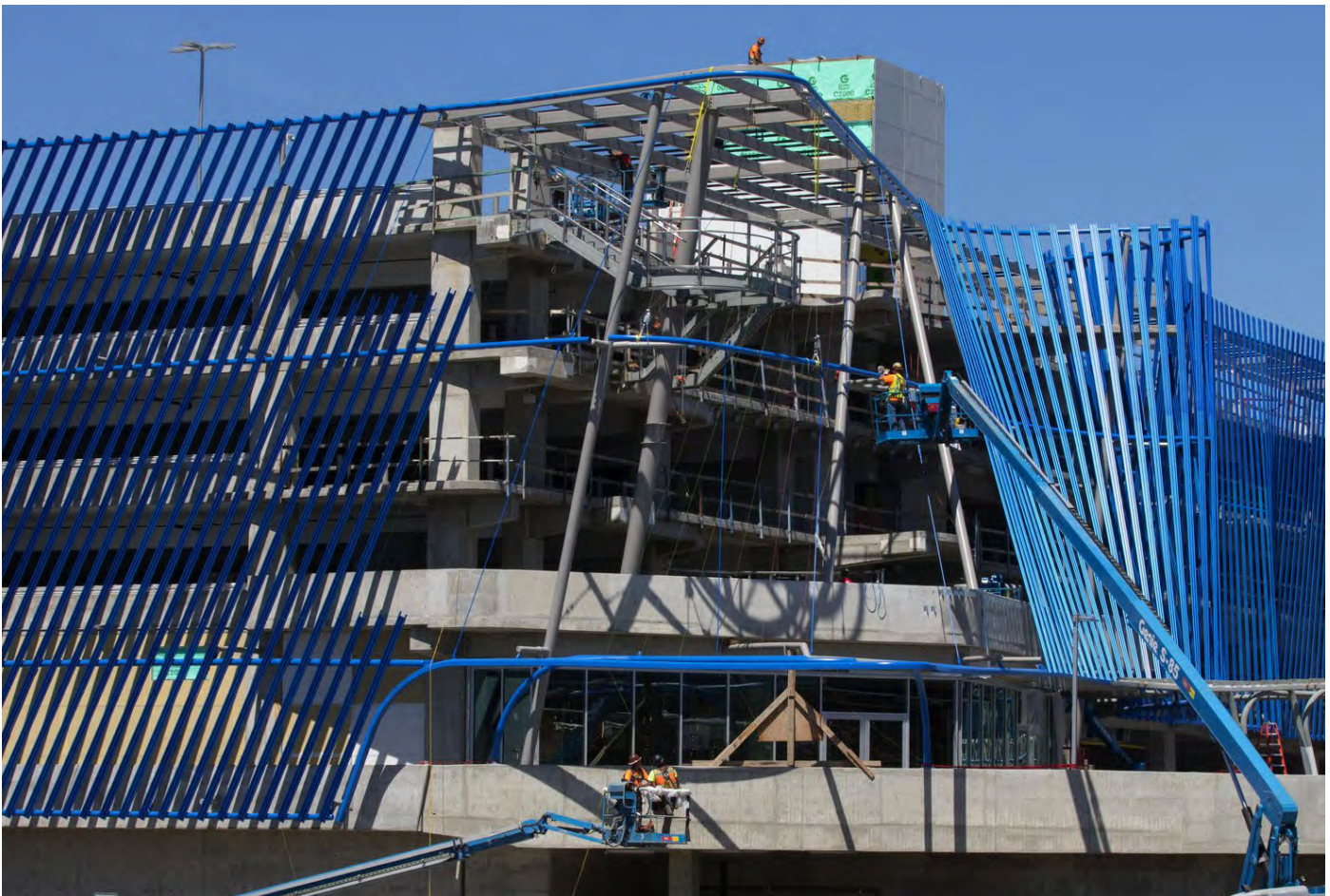
DATE: 2016

SIZE: 375,000 SF

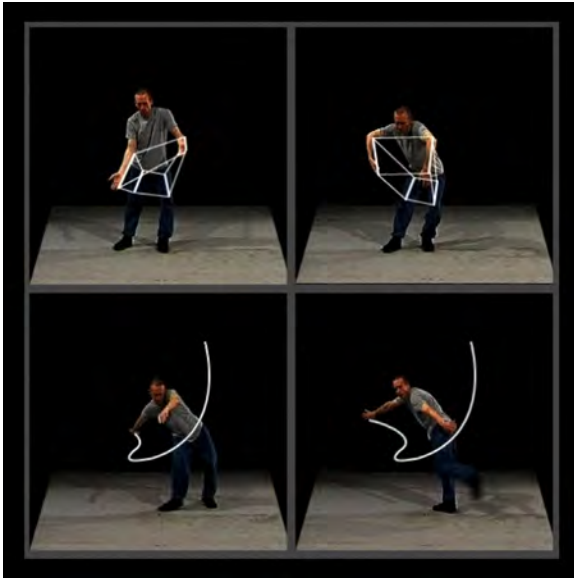
COST: \$34 Million







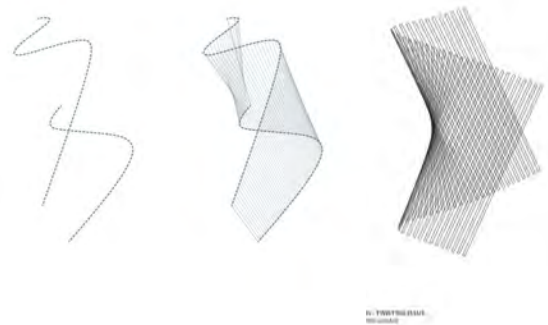
Inspired by William Forsythe's improvisational piece connecting light and body (image above), the building façade was designed using ruled surface geometry to form a flowing pattern of movement. This produces a visual perception of a non-repeating complex patterned facade that is aesthetically pleasing, visually diverse, provides screening of the parked cars and is economically mass-produced. Constructed from a single mass-produced and repeatable aluminum extrusion over 6800 straight pieces are formed into a highly efficient structural shape.



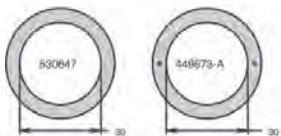
The facade is comprised of many custom extruded aluminum panels, attached to the main structure of the garage by a framework of off-the-shelf rolled pipe, to create a 60% open facade. The aluminum panels are anodized a distinct blue color to achieve a unique look referencing nature: sky, water, rain. The open

façade creates a sheltered parking structure, acting as both a windbreak and sunshade while still allowing natural ventilation as well as a dynamic interchange of light and shadow. As trains and passengers speed past the parking structure, the ruled-surface reveals oscillating effects that echo the patterns of prevailing winds.

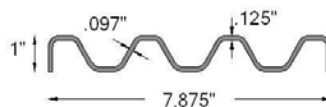
The façade allows natural light to infiltrate at varying degrees, enlivening the interior spaces throughout. It's vertical lines, in every field of vision, cascade soft



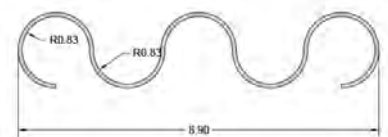
shadows from Seatac's sunlight, giving breath to a variety of changing diaphanous qualities. Its color and form simultaneously blend with the natural environment, while still differentiating from it to become a beacon and a lasting icon for the City.



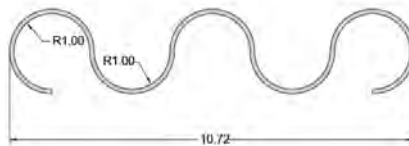
COMPETITION CONCEPT: 5" Round Tube Stock Profile
Wall Thickness: 0.250 Weight Per LF: 3.42



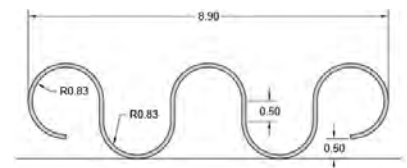
OPTION 1: Stock Profile
Wall Thickness: 0.142 Weight Per LF: 2.91



OPTION 3: Custom Profile
Wall Thickness: 0.100 Weight Per LF: 1.90



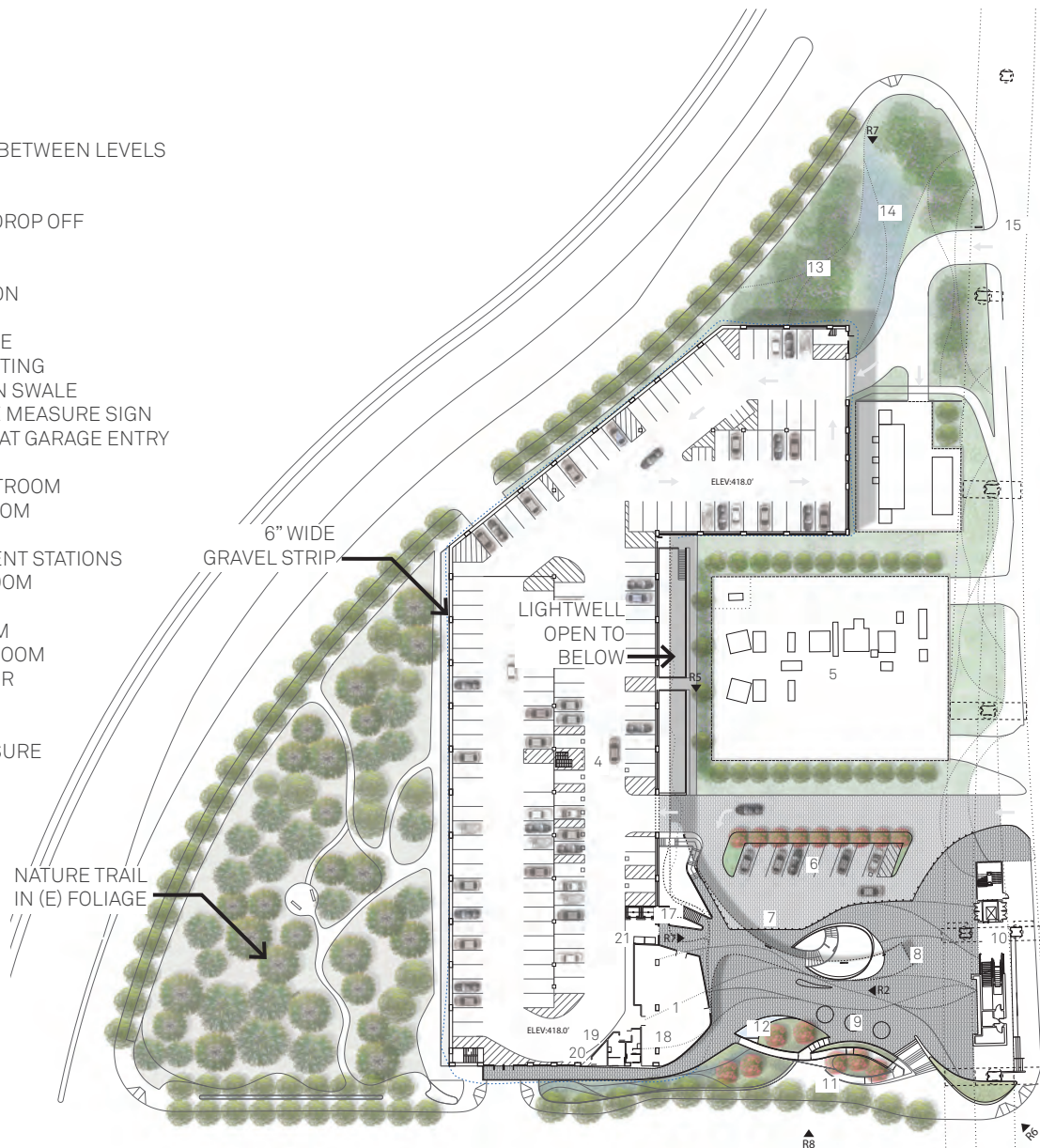
OPTION 1: Custom Profile
Wall Thickness: 0.120 Weight Per LF: 2.75

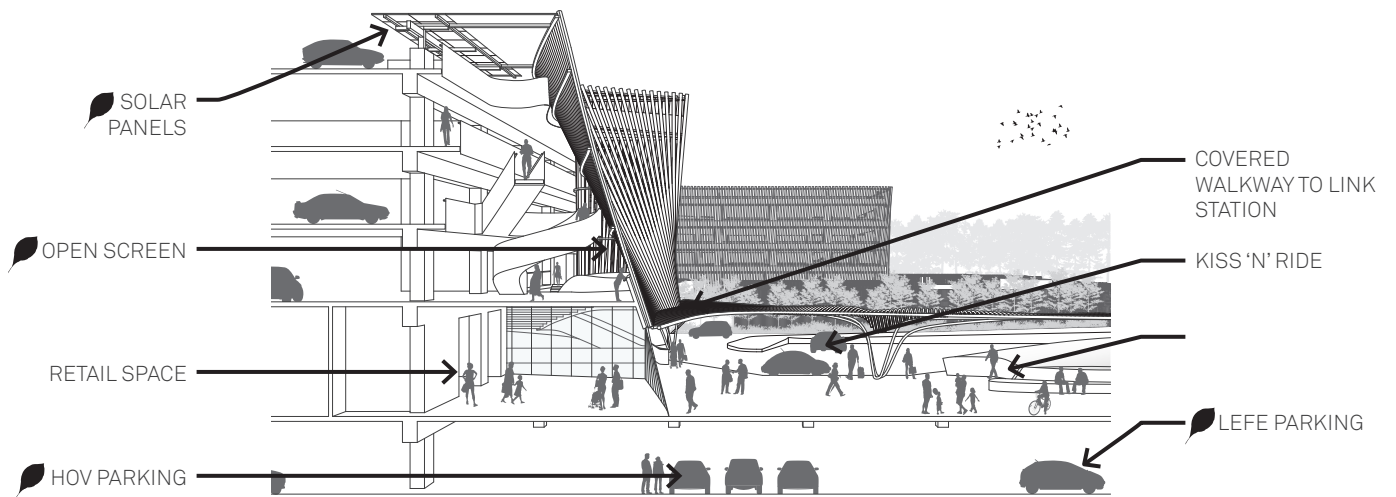


FINAL PROFILE: Custom Aluminum Die
Wall Thickness: 0.100 Weight Per LF: 2.13

*Opposite Page - Façade under construction.
This Page - The evolution of the facade component profile from the initial concept to the final custom extruded aluminum profile, which was determined to be the most cost and material efficient shape within the framework of the concept.*

1. RETAIL
2. BIKE STORAGE
3. LANDSCAPE
4. CROSS STAIRS BETWEEN LEVELS
5. PSE
6. KISS 'N' RIDE
7. PARATRANSIT DROP OFF
8. CANOPY ABOVE
9. ART PROJECTS
10. TRANSIT STATION
11. ADA RAMP
12. WATER FEATURE
13. NATURAL PLANTING
14. BIO-RETENTION SWALE
15. VMS (VARIABLE MEASURE SIGN)
16. BLADE SIGNAL AT GARAGE ENTRY
17. PAY PHONE
18. WOMEN'S RESTROOM
19. MEN'S RESTROOM
20. JANITOR
21. FUTURE PAYMENT STATIONS
22. ELECTRICAL ROOM
23. UPS
24. MACHINE ROOM
25. MECHANICAL ROOM
26. FIRE SPRINKLER
27. COMM
28. STORAGE
29. TRASH ENCLOSURE







THE FAÇADE ALLOWS
NATURAL LIGHT TO
INFILTRATE AT VARYING
DEGREES, ENLIVENING
THE INTERIOR SPACES
THROUGHOUT. IT'S
VERTICAL LINES,
IN EVERY FIELD OF
VISION, CASCADE
SOFT SHADOWS FROM
SEATAC'S SUNLIGHT,
GIVING BREATH TO A
VARIETY OF CHANGING
DIAPHANOUS QUALITIES.



CITY CENTER GATEWAY SCULPTURE

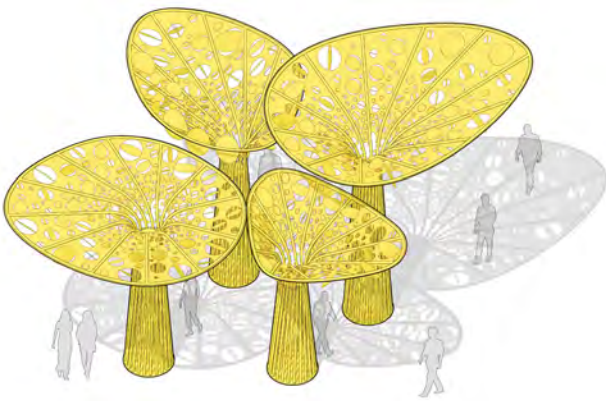
Pembroke Pines, FL

Public space should not be merely decoration, it should enhance user experience. As part of a new City Center that includes a performing arts hall and art gallery for the City of Pembroke Pines, Brooks + Scarpa Architects designed new entry and shade canopy sculptures with attending landscape features. These sculptures and landscape elements frame pedestrian gateways into a new public plaza, providing wayfinding and anchoring a sense of arrival. Designed as public art, the aluminum sculptures emerge as tree columns that lead up to an array of rings with perforated plates that spin in the continuous breeze of south Florida. The experience

under the sculptures creates a dappled light effect as you walk between bromeliad mounds—an experience like that of a tropical forest. The sculptures provide shaded area for seating, as well as programmable up lighting that enhances user experience.

CLIENT: City of Pembroke Pines
CONTACT: Jill Slaughter, Chief Curator/ Head of Cultural Projects, (954) 392-2129, jslaughter@ppines.com

DATE: Spring 2017
SIZE: 2 acres



LIQUID WOOD PROTOTYPE SEATING

Clover Park, Santa Monica, CA

Liquid Wood is essentially a park bench. However, the City of Santa Monica desired something more than a place to sit. Liquid Wood is an art installation that allows for a variety of uses in Santa Monica's Clover Park. It allows seating, but also a place for kids to play, users to engage visually and physically. Liquid Wood is not just a park installation for high impact public use. The computer fabricated seating sculpture incorporates art and functionality.

CLIENT: City of Santa Monica
CONTACT: Cultural Affairs Division, (310) 458-8350
DATE: 2004





QUALIFICATIONS

QUALIFICATIONS - As Floridians, the design and construction manual for the City of Fort Lauderdale would be among the most significant projects for our firm. As such, the projects will receive the attention and dedication they deserve. Jeffrey Huber, as Project Architect, will lead our efforts locally, coordinating and managing consultants, remaining in constant communication with our Los Angeles office and all stakeholders. He will work alongside Lawrence Scarpa, Lead Designer, and Angela Brooks, Managing Principal, utilizing their extensive combined experience to develop and realize all aspects of the project.

JEFFREY HUBER, AIA, Principal, Director of Planning and Urban Planning.

As a faculty member at Florida Atlantic University's School of Architecture and a principal at Brooks + Scarpa, where he manages the firm's south Florida office, Jeffrey endeavors to expand the architects' role through placemaking and resilient design. His development of new tools and design methodologies help connect segregated disciplines to meet the complex challenges that arise through urbanism.

From our Fort Lauderdale office, Jeffrey Huber will coordinate and manage consultants through all phases and tasks. Jeffrey's office will coordinate the production of the design and construction manual and ensure graphic unity and quality.

LAWRENCE SCARPA, FAIA, Principal, Lead Designer Founder and Principal. Lawrence Scarpa, FAIA is an award winning architect and urban designer. Recognized internationally for his innovative use of material and environmentally sensitive designs he oversees all design work at Brooks + Scarpa.

Lawrence led the team on design for the Southern Utah Museum of Art, Contemporary Art Museum in Raleigh, NC, America Tropical Cultural Center and the Mills Center for the Arts. He participated in design workshops and presentations throughout project, focusing his efforts on meeting the expectations and needs of stakeholders. Lawrence will oversee the documentation and development of details for the manual, ensuring the delivery of the project

milestones as promised.

Lawrence will travel to and from Fort Lauderdale for design workshops, stakeholder and public presentations, and as the projects require from our Los Angeles office. Lawrence will dedicate 65% percent his availability from Task 1-3. During Task 4, his dedicated time will be reduced to 40%. Throughout each phase of the project, he will be in communication with the team, making himself 100% available for correspondence.

ANGELA BROOKS, FAIA, Managing Principal, Project Executive. Angela is a recognized leader in the field of environmental and sustainable design and construction. She has pioneered more holistic ways of delivering affordable housing, sustainable architecture and advances in social equity. As Managing Principal, Angela supervises all of the office operations. She acts as the office central hub directing project flow and tempo. Angela will lead sustainability efforts and oversee the technical production staff. She has managed several of the firm's largest municipal projects, working directly with city officials and coordinating consultants to ensure that the goals of the project are met.

During Task 1-2, Angela will lend the team her expertise in code analysis and sustainable design strategies. From our Los Angeles Office, she will dedicate a minimum of 10% of her time to ensure that the project will comply with local building ordinances and sustainability. At Task 3-4, Angela will dedicate 20% of her time managing technical production staff and work closely with Jeffrey Huber to complete coordination and documentation of the project within the scheduled milestones.

Brooks + Scarpa has a staff of 17 professionals including 4 licensed architects, two of which are registered in Florida, as well as highly skilled and experienced designers and architectural graduates. With offices in Los Angeles, CA, Ft. Lauderdale, FL and Charlotte, NC, the firm has the staffing availability, capacity and resources to successfully manage the project and complete it without delay or lack of attention. Brooks + Scarpa staff from all three offices will be available to the project as needed.

Lawrence Scarpa
LEAD DESIGNER, PRINCIPAL IN CHARGE



PROFESSIONAL REGISTRATION

Registered Architect:

California, C21812 (1989)
Florida, AR00132227 (1988)
North Carolina, 8534 (2000)
Missouri, A-2008011825 (2008)
Arizona, 50353 (2009)
Montana

NCARB Certified

EDUCATION

Master of Architecture, University of Florida
Bachelor of Design, University of Florida

PROFESSIONAL AFFILIATIONS

- GSA Peer Review Professional (2004-present)
- Mayor's Advisory Council for City Design;
City of Los Angeles (2009 – present)
- Affordable Housing Design Leadership
Institute (Co-Founder) (2009-present)
- Chairman, Organizing Committee,
Monterey Design Conference (2011)
- Selection Committee Member, Fredrick P.
Rose Architectural Fellowship (2009-present)
- Participating Resource Team Member,
Mayor's Conference on City Design #43,
Philadelphia, PA (February 2009)

Founder and Principal at Brooks + Scarpa, Lawrence Scarpa, FAIA is an award winning architect and urban designer. Recognized internationally for his innovative use of material and environmentally sensitive designs he oversees all design work at Brooks + Scarpa.

Lawrence will travel to and from Fort Lauderdale for each milestone, design workshops, stakeholder and public presentations, and as the project requires from our Los Angeles office. Throughout each phase, he will be in communication with the team, making himself 100% available for correspondence.

His approach to architecture, while deeply rooted in the tenets of the modern tradition, also is forging a new path - that the built environment can have a transformative influence on people by providing an environment that engenders creativity and curiosity that itself becomes an instrument of the human experience.

A large part of the firm's success can be traced to Scarpa's design philosophy, which emphasizes client requirements and user experience above the imposition of any particular design. Working carefully to understand the functional and behavioral patterns intrinsic to each new project and site, Scarpa's goal is to produce a structure that leaves a lasting impression on users and visitors, heightening their sense of awareness and engagement with the environment.

Scarpa is known for incorporating influences as disparate as Egon Schiele, Henry Moore, and Andy Goldsworthy in his work always managing to find extraordinary moments even within the most ordinary requirements and materials.

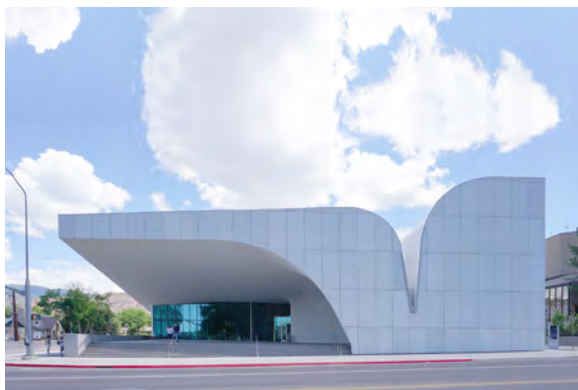
Along with his work at Brooks + Scarpa, he is a co-founder of The Affordable Housing Design Leadership Institute (AHDLI) and Livable Places, Inc. a non-profit policy and development company dedicated to providing livable, sustainable, and affordable mixed-use housing in the urban environment.

Scarpa is currently a professor on the faculty at the

University of Southern California. He has lectured or held academic positions at Harvard University, the University of Arkansas, the University of California at Berkeley, SCI-Arc, University of Michigan, Washington University in St. Louis, the University of Florida, and numerous other institutions. His work have been featured in over 500 national and international publications, and his architecture was recently on display in two separate exhibitions at the National Building Museum in Washington, D.C.

RELEVANT EXPERIENCE

Beverly Taylor Sorenson Center for the Arts, Cedar City, Utah: Lawrence led the team on design for the museum and the theatre spaces. He participated in design workshops and presentations throughout the project, focusing his efforts on meeting the expectations and needs of stakeholders. In addition, Lawrence also oversaw the documentation and development of details for the complex roof structures



at the Theatres and the ceiling at SUMA, personally ensuring the delivery of the project designs as promised. REFERENCE: Reece Summers, (435) 586-5433, summersr@suu.edu

Angle Lake Plaza & Station, SeaTac, Washington: As Lead Designer, Lawrence worked closely with local firm, Berger Abam and the contractor, Harbor Graham Pacific to develop a design that was both aesthetically pleasing, conceptually innovative, contextual and buildable. The team sought out knowledgeable metal

manufacturers, developing together a beautiful, cost and structurally-efficient solution for the building facade. The efforts of our team will bring the project in on schedule and nearly \$40M under budget. REFERENCE: Jon Mihkels, (206) 903-7371, jon.mihkels@soundtransit.org

Greendot Animo High School, Los Angeles, California: Green Dot Animo High School provides students with a nurturing and welcoming space that is both innovative in design and sustainable technology. With a project target of CHPS and/or LEED Certification at the minimum, aesthetics, sustainability, and



cost-effectiveness were considered in every design decision. Taking full advantage of the region's temperate climate, the designers eschewed the fully contained "big box" idiom of conventional schools on the primary use site. Instead, a landscaped courtyard with multi-functional "bleacher" terracing flows into the open-air covered lobby and the multi layered paseo, lending the school the appeal of a collegiate campus and offering significant environmental benefits—improving day lighting and access to fresh air both inside and out—while providing substantial cost savings by limiting artificial lighting and thermal conditioning to the smaller enclosed spaces. REFERENCE: Marco Petruzzi, (323) 565-1600, mpetruzzi@greendot.org

Jeffrey Huber
PROJECT DIRECTOR



PROFESSIONAL REGISTRATION

Registered Architect:

Florida, AR95504

Arkansas, 4541

NCARB Certified

LEED Accredited Professional Building Design and
Construction (LEEDAP BD+C) (GBCI 76795)

EDUCATION

Master of Architecture, University of Florida

Bachelor of Design, University of Florida

MEMBER

American Institute of Architects

BOARD MEMBER

President, AIA Fort Lauderdale

AFFILIATE MEMBER

- American Society of Landscape Architects
- Subcommittee, Broward County Climate Change Task Force

Jeffrey Huber, AIA, is a Principal and Director of Planning and Urban Design at Brooks + Scarpa. Jeff also manages the South Florida office.

Jeffrey's experience with the LID Manual for Arkansas will be invaluable to the project. He will dedicate 70% of his time during Tasks 1-3. During Tasks 4-6, Jeffrey will lean more on our Los Angeles office for production, reducing his time to 50%.

Huber has advanced sustainability educational and professional initiatives in agricultural urbanism, green school design, missing-middle housing typologies, Transit-Oriented Development and Low Impact Development.

Huber's research, teaching, and design work have garnered numerous national awards, including multiple Progressive Architecture Awards, National Institute Honor Awards in Urban Design from the The American Institute of Architects (AIA), The American Society of Landscape Architects (ASLA), American Architecture Awards and the American Collegiate Schools of Architecture (ACSA).

His professional work has been published in hundreds of books and periodicals including Architect Magazine, Residential Architect, and Architectural Record. Huber has taught at the University of Florida, Mississippi State University, University of Southern California and University of Arkansas.

Huber has published numerous articles and delivered dozens of papers at conferences around the world on the topic of landscape urbanism, transportation and other issues regarding planning cities and neighborhoods.

Huber was previously the Assistant Director of the University of Arkansas Community Design Center, an internationally recognized outreach center of the Fay Jones School of Architecture. He has also previously worked in Miami for Zyscovich Architects, Inc. and

Howard Davis Associates Architects, P.A. in Saint Augustine.

Huber is currently on the faculty at Florida Atlantic University, College for Design and Social Inquiry. He has received more than \$1 million in Federal, State and local grants for his planning research and interdisciplinary ecological, landscape and urban design work. Grants have included The National Endowment of the Arts, National Oceanic & Atmospheric Administration (NOAA), The Kellogg Foundation and the United States Environmental Protection Agency, to name a few.

RELATED EXPERIENCE

MACARTHUR PARK MASTER PLAN: As Project Manager of the Master Plan project, Jeffrey conducted internal reviews and managed the production of the final documents for the Master Plan. Jeffrey worked directly with William Conway of Conway + Shulte, to develop a design that will provide a network between tree-lined streets, boulevards, recreation facilities and pedestrian amenities. These combined



public improvements will amplify the safety and untapped livability potential in this area of downtown Little Rock. REFERENCE: Truman Tolefree, (501) 371-4770, ttolefree@littlerock.org

PETTAWAY NEIGHBORHOOD REVITALIZATION PLAN: Commissioned by Downtown Little Rock Community Development Corporation, this 'complete neighborhood' plan for a legacy downtown neighborhood recovers the full spectrum of land uses to meet the daily needs of its residents at all income levels with varying mobility needs. Jeffrey was a as a dedicated Project Manager offering organizational skills, a technical knowledge



base, and consistent communication with both his team and the client. Jeffrey successfully utilized a recombinant design approach, integrating ecological engineering, landscape architecture and agriculture with transportation planning and architecture, embeds ecological services in urban design. The Plan creates place-based solutions in addressing a rather unglamorous ecology of problems like flooding, storm-water runoff management, growing edible landscapes, public transit, auto-dominance and speeding motorists, lack of walkability, and lot vacancies. REFERENCES: Jill Slaughter (954) 392-2129, jslaughter@ppines.com

Angela Brooks
PROJECT EXECUTIVE



PROFESSIONAL REGISTRATION

Registered Architect:
California, C27554

LEED® Accredited Professional

EDUCATION

Master Of Architecture, SCI-Arc
Bachelor Of Design, University Of Florida

PROFESSIONAL AFFILIATIONS

- Building Design + Construction, US GREEN BUILDING COUNCIL, 2003 -Present
- The American Institute Of Architects, 2003 – Present
- Advisory Board Member, Solar Santa Monica, 2009 - Present
- Board Member, AIA Los Angeles Chapter 2010- 2012
- Peer Reviewer, PLACES: Design Forum for the Public Realm 2010
- Peer Reviewer, GreenBuild International Conference 2010
- Livable Places, Inc., Board of Directors (Co-Founder) 2000 – 2006
- Southern California Association of Non Profit Housing (SCANPH), 2006 – 2011
- United States Green Building Council (USGBC), 2002 - 2005

As the Managing Principal at Brooks + Scarpa, Angela Brooks, FAIA supervises all of the office operations. She acts as the office central hub directing project flow and tempo.

As Project Executive, Angela Brooks will lead sustainability efforts and oversee the technical production staff. She has managed several of the firm's largest civic projects, working directly with city officials and coordinating consultants to ensure that the goals of the project are met.

For Tasks 1-3, Angela will lend the team her expertise in code analysis and sustainable design strategies. From our Los Angeles Office, she will dedicate a minimum of 10% of her time to ensure that the project will comply with local building ordinances and sustainability. For Tasks 4-6, Angela will dedicate 20% her time managing technical production staff and work closely with Jeff to complete coordination and documentation of the project within the scheduled milestones.

Angela is a recognized leader in the field of environmental and sustainable design and construction. She has pioneered more holistic ways of delivering affordable housing, sustainable architecture and advances in social equity.

The work of Angela Brooks lies at the confluence of beauty and better societies. She is a powerful advocate for the rich, multifaceted impact of good design. With each project, she envisions opportunities to change what is possible for the individual, the community, the planet. Her successful execution of these ideas, that often require new construction methods, has placed her at the forefront of the implementation of environment technologies in building and made her a recognized leader in the field of sustainable design. Angela's beliefs and practices are in alignment with the Arkansas Art Center's Vision Statement; she sees architecture as an instrument for the triple bottom line and the delivery vehicle for space that encourages occupants to flourish and the advancement of ideas

that promote larger societal wellbeing.

She has been practicing architecture since 1991 and is responsible for firm development in the area of housing and policy, leading the firm's sustainable initiatives and overall management.

RELATED EXPERIENCE

PLUMMER PARK: In 2013, Brooks + Scarpa and Olin Partnership were commissioned to design Phase I of the 5.7 acre Plummer Park Master Plan, which will include: renovation and expansion of the 1948 Fiesta Hall into a quality multi-purpose performance venue for the community, with the capacity to accommodate between 150 and 200 people in theater-style seating; improvement and expansion of parkland and green space and additional parking for park patrons and



the public. The complex project required community outreach, for which Angela represented the firm. She worked with the multiple agencies involved and community representatives to find appropriate resolutions for city council concerns. REFERENCE: Sam Baxter, (323) 848-6321, sbaxter@weho.org

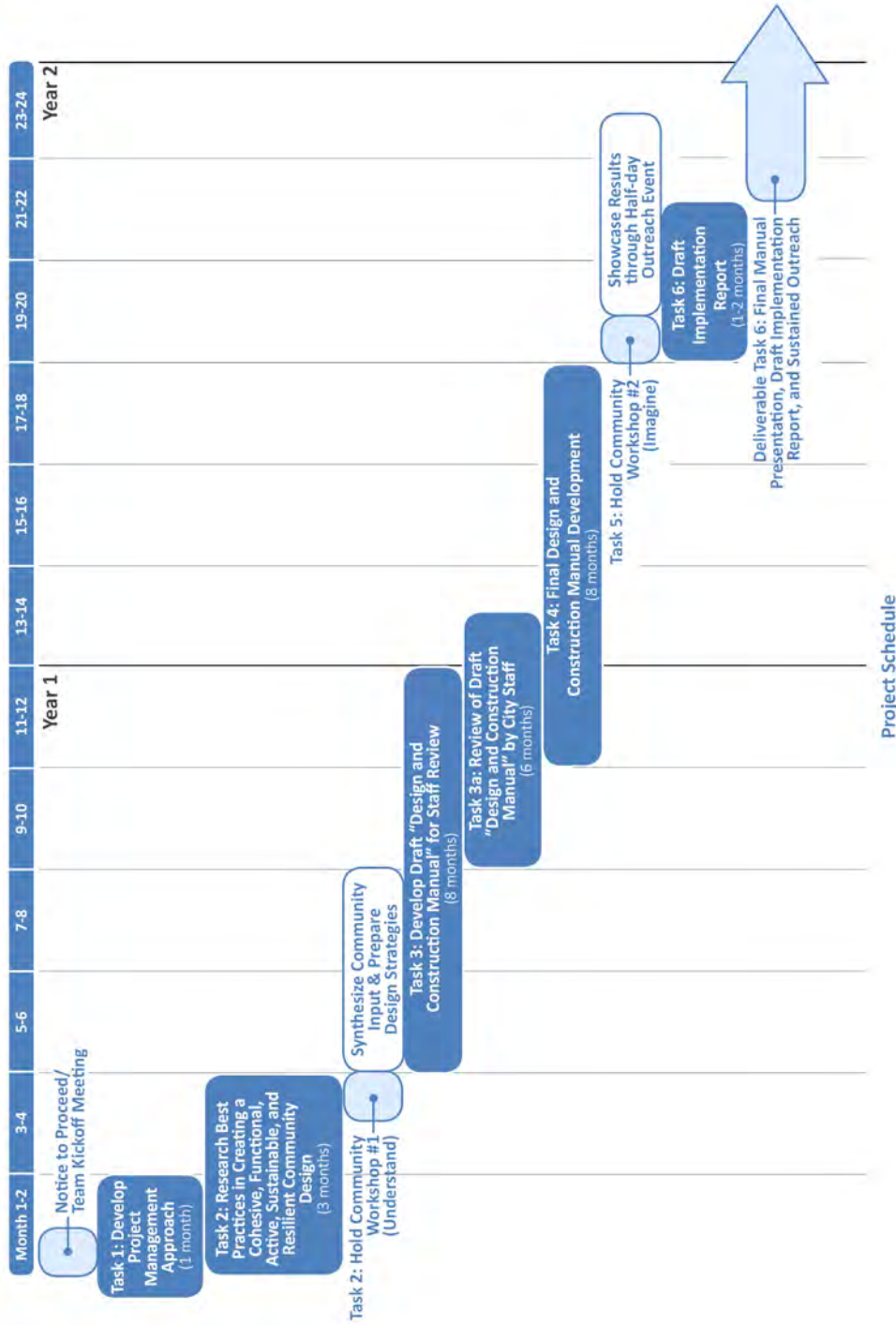
SANTA MONICA PARKING GARAGES: Brooks + Scarpa was commissioned to design improvements to eight parking garages surrounding the popular 3rd

Street Promenade of Santa Monica with a budget of \$8,500,000. Angela used her expertise in sustainable design throughout the project. The improvements include eco-friendly composite material facades, improved pedestrian access, and enhanced LED lighting for safety and aesthetics. Angela managed the project from the initial design through CA. She contributed to the development of the project's unique facade, ensuring the project remained within budget and on schedule in 2011. Angela was also responsible for the management of consultants and project schedule. She was also the firm's direct contact with the Department of Building and Safety. REFERENCE: Jessica Cusack, (310) 458-8350, jessica.cusack@smgov.net

Flower Mart, Los Angeles, CA: Renovation and addition to a historic flower market in Downtown Los Angeles. The 500,000 SF project includes 15 floors of Mixed-use program including retail, creative office space, restaurants, public event space and 10 stories of housing. The design creates a unique urban neighborhood experience, making the market an exciting place to live, work and visit. Scheduled for completion in 2021 with LEED Gold target.



APPROACH TO SCOPE OF WORK



APPROACH TO SCOPE OF WORK

OUR VISION - Referred to as “the Venice of America”, Fort Lauderdale is unique in that it boasts 330 miles of shoreline edge, a population of over 170,000 that swells during season, and industries and culture that are tied to the interface between water and land. Where the two networks meet—the city and water—can certainly be a source for many solutions to myriad development problems related to the public realm and creation of a livable city. Where the city and water meet also represents the greatest opportunities for creative development



Excerpt from LID Manual developed for the Arkansas Natural Resources Commission and US EPA.

solutions reconciling the demands of each. Thus new development patterns should appear. Herein lies the design and planning challenge for cities in wet places: to develop urban infrastructure and a public realm that simultaneously solves for ecologically-based systems while facilitating the city's functioning and smart growth.

Our approach will be centered around this question: How can city form and the public realm achieve resilient and sustainable development that balances the interactions among natural and social infrastructure? The city and nature are distinct systems of flow that generate shape and structure across the landscape to maximize their intrinsic objectives. The city, consisting of a place's street fabric, neighborhoods, and buildings, is a flow network designed to facilitate human social and economic exchange. Despite a bewildering variation in form, livable cities deliver urban services related to housing, mobility, and commerce usually at densities that minimize nature's presence and the underlying benefits from its biological processes. How can we

design a public realm that can offer co-benefits for these services with triple bottom-line thinking?

The design and construction manual can place Fort Lauderdale ahead of the curve in addressing the greatest ongoing challenge to design and planning: development of urban form in human-dominated ecosystems. More cities are tasking urban infrastructure with regeneration of diminished ecosystems and smart transportation systems with transit-oriented development. Besides solving for water management problems like nuisance flooding, the collateral benefits of implementing smart growth related to complete streets, multi-modal transportation as laid out in the design and construction manual should include greater livability, sustained economic development, improved community resilience to disruption and shocks, adaptation to rising sea levels, and exemplary beauty in the public realm that creates enduring value and symbolism.

It is important to us that we achieve a balance between engineering and art, efficiency and beauty, diversity of users and functionality, while conforming to the intended manual's intent, budget and schedule. We believe that design should actively engage social,



Santa Monica Parking garages' cost-effective, efficient facade provides ample natural ventilation in a language that both reflects and enhances the urban fabric of the city.

cultural, technical and ecological issues, because it is through these lens that design becomes relevant. Success is measured by the designs responsiveness to the city's needs, it's neighbors, and it's specific place.

The City's Fast Forward Fort Lauderdale: Our City, Our Vision 2035 lays out a vision plan for a prosperous, diverse and resilient future. Coupled with the Southeast Florida Regional Climate Action Plan and Press Play Strategic Plan it is the city's vision to form a robust menu of innovative design solutions within an easy to understand manual framework. It is understood that rather than being a comprehensive technical manual with exhaustive drawings, the city intends this manual to be an illustrative framework with adequate examples to guide the city's project managers, planners, purchasers and consultants as well as private development teams in future design and materials, technologies as they engage in the design of the public realm.

OUR APPROACH - The manual will operate in an evolutionary framework through a set of retrofit types that are incremental, contextual, and successional. The framework must be incremental in approach, relying on participation from various interests—public, private, or a combination thereof—to develop projects as funding and opportunity permit. Tactics and techniques outlined in the manual should be able to be implemented step-wise and successively across various fronts in the urbanized area. Unlike the master plan which is totalizing and shows only a climax condition, the manual can be pioneered beginning with modest cumulative efforts that cohere from shared design practices amongst all disciplines responsible for public realm design.

Furthermore the framework for the manual should be contextual, working through landscape architectural adaptations responsive to local ecologies and urban problems. Green infrastructure accounts for local soils and vegetative and wildlife communities in place-based solutions that substitute for universal metrics and costly “over-engineered” outcomes driven by worst-case scenarios. The goal is to deliver ecological and social services through installing sustainable and resilient infrastructure. Understanding that cities are not built at once and that pioneer stages of development are rudimentary as they minimize start-up costs. The project team may develop tactical demonstration projects using key prototypical sites across the city. This way the

city or project developer can evaluate new practices without committing permanently to an untested development and business model.

Cities do not have to retool policies without a chance to pursue due diligence. Stakeholders in decision-making, including the city and neighborhood alliances can collaborate as learning communities removing adversarial relationships so



The Six, LEED Platinum affordable housing for homeless veterans.

redolent in municipal planning processes. Without demonstration projects, conventional development approaches will remain entrenched despite the presence of more value-added approaches that the design and construction manual will surely illustrate.

Utilizing the key tasks as outlined in the RFP Section 3, we propose the following approach:

Using a design transect methodology that organizes the manual into four distinct territories of inquiry:

1) Architectural Frontage, 2) Blocks, 3) Streets, and 4) Open Space networks; the project team can categorize the complex nature of public realm design that provides an approachable structure for the manual's intended user.

1) *Architectural Frontage* will categorize building frontages related to courtyards, porches, porte coheres, lobbies, terraces, patios, storefront, stoops, etc. that become the “handshake” to the public realm.

2) *Property* will address private infrastructure that abuts the public realm, like sea walls, driveways, parking lots, yards, etc. This will serve to substitute smart green and social infrastructure interfaces for the deleterious hardscapes and softscapes that are otherwise decorative. Block type strategies that outline best practices related to transit-oriented development, conservation development and stormwater easements will also be addressed. Landscape and built form becomes infrastructure to serve the public good and private property.

3) *Street* will be designed with triple bottom line thinking related to environmental, social and economic functions to achieve traffic calming and water management. A robust menu of street types related to level of service protocols will be developed that range from residential neighborhood streets to boulevards. These streets will explore complete street practices and tactical urbanism methods. The idea being to provide the city with incremental approaches to reimagine streets and provide pilot project formats.

4) *Open Space* will be thought of city-wide and within individual circumstances. Comprehensively planned



Green Streets and Parks as imagined for the Conway Urban Watershed Framework Plan

open space as a green infrastructure network will deliver ecological and social services at the scale of the city.

These four territories provide an easy to follow guideline to engage city staff and stakeholders as project development unfolds.


OUR METHODOLOGY - The basis of approach to our work, can be understood as a set of analytical practices that may include the uncovering of cultural and environmental histories, as well as physical, biological and social patterns and practices. An idiosyncratic and improvisational method is utilized to respond to this research through an iterative production of physical drawing and modeling. The practice of modeling further allows the studio to reveal and explore design intent in conversation with clients and public audiences. The resulting spaces, forms and elements layer the past and possible futures in ways that simultaneously reveal and respond to the familiar while manifesting the unexpected. This line of inquiry allows our team to develop innovative and unforeseeable solutions in the development of the design and construction manual.

MULTIPLE MEETINGS WITH STAKEHOLDERS

Through Tasks 1-2 we will review and refine the scope of work, project schedule and approach to stakeholder and community outreach post analyses of any related plans or existing conditions in development of a project management approach.

We understand that the role of the design team is sometimes marked by complexity and conflicting requirements as the project evolves and responds to stakeholders' needs. We are skilled at building dynamic rapport with our clients and user groups and have a proven track record in creating inspiring and exceptionally functional projects that fulfill these collective goals. Our process is open and responsive. We understand the importance of incorporating the input from a wide variety of stakeholders.

We will develop a project management approach that provides a collaborative and engaging process within a public workshop and meetings with city staff. Upon execution of contract we will propose to meet with department managers and develop key staff interactions for the duration of development of the manual. A technical memo outlining the project management approach will become the foundation for future meetings, time lines and major deliverables.



After the review of Task 1, Jeffrey Huber and Lawrence Scarpa will work with city staff and stakeholders to establish parameters and expectations for the scope of work. Jeffrey and Lawrence will be available to stakeholders to develop the manual program further.

UNDERSTAND THE CLIENT

Our first priority is to understand the City of Fort Lauderdale and their vision and goals beyond those outlined in the Fast Forward Vision Plan. At project kickoff meetings, we will meet with all project city staff and stakeholders to verify and develop an understanding of the project requirements. In order to meet the vision/goals, we will establish a list of performance-based, and measurable, critical factors to guide our team to meet stakeholders' expectations.

CREATE THE WORK PLAN

Staying on-schedule is critical for the city to meet its objectives in delivering a state-of-the-art manual to its citizens. We will provide required deliverables at each phase on or ahead of the proposed schedule to complete the assignment within the required period. We will develop a Work Plan articulating the process for executing the work while providing timely documentation at required submission deadlines. We will produce a large wall chart to review with the team at the kickoff meeting which graphically maps the Project Management Plan, including: project schedule, tasks, interrelationships, client and internal quality control reviews, regular client and consultant coordination meetings (types and frequencies) and submission milestones.

SUBMITTALS & CLIENT REVIEW

We are familiar with quality assurance reviews at milestones during the design process for projects of such significance. This is an important aspect of the overall project to ensure that the design and construction manual meets standards and expectations.

ESTABLISH THE COMMUNICATIONS PLAN

We believe that open, direct, and constant communication is critical to the development of a

successful project. At the beginning of each task, during the Kickoff Meeting, we will establish a communications plan which includes a directory of, and contact information for, all active representatives from the city staff, project stakeholders, and design team members. In addition to the directory, the plan identifies all types of communication required, as well as required participants, frequency and the setting for each.

We hold meetings for technical development, review, decision-making, and coordination purposes. For a project of this size and scope within a two year time line, we propose to hold conference calls on a weekly basis including the design team as applicable to the agenda. Every other week, the call will include web-conferencing where ideas can be presented using a web conferencing service such as Go-to-Meeting or Web-Ex. This will keep all project stakeholders actively involved in the research, planning and design process throughout the project, while helping our team stay focused on the project vision and manual development. We will also meet in-house with the design team and consultants via biweekly conference calls and biweekly meetings in order to provide regular communication on a weekly basis.

PROGRESS REPORTING

On a weekly basis or as required by the City of Fort Lauderdale, we will submit progress reports to the Project Manager to provide updates on the general progress of the work—highlights and critical items. The progress reports will include the following information: schedule and deliverables status; work accomplished the previous week; work to be accomplished next week; scope changes; input needed from the city or others.

IMPLEMENT THE QUALITY CONTROL PLAN

Our team will provide active leadership to establish quality expectations. We will establish and maintain quality assurance standards and quality control checklists for each task submission. At each task, an experienced staff member, who is not part of the project team, will perform a quality control review of the documents based on project standards and checklists. The reviewer provides mark-ups and

comments to the Managing Principal, Angela Brooks for discussion and implementation by the design team.

PROJECT MANAGEMENT

Managing the project and development of the manual during the inception has dramatic effect on maintaining the budget for the duration of the project. Because decisions made during the early tasks of the project have the greatest impact upon final production costs, an intensive evaluation of existing documents, city constraints, design requirements and organizational parameters during the first and second task of the project is required.

Inclusion of research related to other design and construction manuals and master plans in the city, region and internationally will be conducted. The project team will develop a catalog of relevant existing plans and use our framework methodology to develop specific design solutions related to Fort Lauderdale's public realm. An inventory of all city-wide urban design and infrastructure master plans, CIPs, and guidelines will be developed and cataloged based on priorities and relevance in development of the manual. An evaluation of green rating systems will be conducted and presented for discussion and inclusion within the draft manual.

SCHEDULE & PERFORMANCE MONITORING

We actively manage the project schedule in order to make, on a regular basis, a realistic assessment of consultant completion. Through continuous monitoring we can take preemptive schedule action to meet deadlines. Consultants will provide complete documents at each phase ensuring that we will provide the city with complete and coordinated manual documents at each submission. Jeffrey and Lawrence will work together to review and monitor technical staff and subconsultant performance. Brooks + Scarpa will be responsible for assigning work, scheduling, monitoring time, cost, completeness and quality assurance.

We place special emphasis on the following:

- The project definition and the work plan. If these have been carefully coordinated with realistic

schedules and budgets, the prognosis for a smooth and successful project is greatly enhanced.

- Requiring experienced and consistent internal management from subconsultants.
- In planning for uncertainties or issues that are indeterminable, we include options for alternatives.

We view accuracy and completeness as the fundamentals of quality control. Our multi-level review process and evaluation with any project is designed to ensure this quality.

COLLABORATING WITH SUBCONSULTANTS

We will work with our team of subconsultants that share similar values, have valuable expertise and a collaborative approach to design. We will select any further subconsultants with extreme care, with emphasis on each one's ability to work as an effective team member and to produce precise and thoughtful work should any particular part of the manual require further subconsultants. However, we have carefully matched this RFP to the experience and technical abilities of each team member and potential relevance as outlined in Section 3 of the RFP.

Successful collaboration requires clear and regular communication between all members. Regular coordination meetings offer the team opportunities for creativity on an interdisciplinary basis. Meeting notes and action items recording the decisions of each meeting are posted electronically. Incorporating cross-discipline principal responsiveness, involvement, and oversight is a critical component to the success of the design and construction manual. Transparent communication throughout all phases of design amongst team members will allow for a collective understanding of the manual's goals, requirements, budget, and schedule. Our core team members are in the region, making coordination easy and efficient. Brooks + Scarpa presently uses email as well as telephone and video conferencing to communicate efficiently and effectively with team members. Our current workload will not impede development of the *Fast Forward Fort Lauderdale Design and Construction Manual*.

REFERENCES

REFERENCES



CITY OF LOS ANGELES, BUREAU OF ENGINEERING

200 N Spring St, Los Angeles, CA 90012
Contact: Mahmood Karimzadeh
Architectural Division Head
(213) 485-4282
mahmood.karimzadeh@lacity.org

Complete architectural and engineering services for design of Americal Tropical Cultural Arts Center.
Completed: 2013
Estimated Cost: \$12 M
Actual Cost: \$14.5 M (includes additional scope)

SOUND TRANSIT

401 S Jackson St
Seattle, WA 98104
Contact: Jon Mihkels
Project Manager
(206) 903-7371
jon.mihkels@soundtransit.org

Architectural services for design of Angle Lake Plaza & Station, including development of Design Criteria Package.
Completed: 2016
Estimated Cost: \$53 M
Actual Cost: \$34M

ARKANSAS NATURAL RESOURCES COMMISSION

101 East Capitol Avenue, Suite 350
Little Rock, Arkansas 72201
Contact: Tony Ramick
Grants Manager
(501) 682-3914
tony.ramick@arkansas.gov

Low Impact Development design manual for urban areas. An advocacy and design manual for lay audiences and design professionals that is utilized across the state to educate stakeholders on Low Impact Development practices.
Completed: 2010
Actual Cost: \$300,000

SUBCONTRACTORS

SUBCONTRACTORS

ORGANIZATIONAL CHART

PROJECT LEAD

BROOKS + SCARPA ARCHITECTS

LAWRENCE SCARPA, FAIA
Los Angeles, CA
Lead Designer/Principal -in-Charge

ANGELA BROOKS, FAIA, LEED AP
Los Angeles, CA
Project Executive

JEFFREY HUBER, AIA, LEED AP
Ft. Lauderdale, FL
Project Director

TEAM MEMBERS/ SUBCONSULTANTS

TBG

Landscape Architecture..... PAUL WEINBERG, PLA
NATHAN VANDEMAN, PLA
KELLI SCHUELER, PLA, LEED AP

STANTEC

Engineering..... SEAN COMPEL, PE, LEED AP
DAVE CLARKE, PE, MSCE, CFM

Sean has over 14 years of experience in the planning, design, permitting and construction of civil engineering and site development projects. He has served as project construction administrator and project engineer for various roadway, drainage, water, sewer, underground electrical, and industrial projects. Clients include municipalities, state agencies, educational facilities, and private businesses. His experience in construction services has allowed him to effectively deliver projects satisfying all owner requirements. Responsibilities during construction include permitting, review of scheduling, and overall cost analysis.

EDUCATION

Bachelor of Science in Civil Engineering, University of Miami, Miami, Florida, 2002

REGISTRATIONS

Professional Engineer #66618, State of Florida
LEED Accredited Professional, U.S. Green Building Council

PROJECT EXPERIENCE

Cutler Bay Bus Shelters, Cutler Bay, Florida
Project Manager and Construction Administrator for the planning, rendering, design, permitting, and construction of these unique bus shelters designed to fit the look and feel of the Town of Cutler Bay. Three options were developed, rendered and presented to the Town for review and selection. The final selection consisted of natural coral rock columns, exposed painted steel beams, and a standing seam metal roof. A decorative bench, trash can, and bike rack completed the design and the first set of shelters was implemented on Caribbean Boulevard. We look forward to assisting to town with applying the same custom design to various locations as part of their transportation master plan.

Caribbean Boulevard Roadway Improvements, Cutler Bay, Florida (Construction Administrator)
This award winning project greatly enhanced Caribbean Boulevard from Coral Sea Road to SW 87th Avenue. This Joint Participation Agreement between Miami-Dade County and the Town of Cutler Bay successfully accomplished several important goals including pedestrian safety, traffic calming, improved traffic flow and overall beautification. This critical segment involved full roadway reconstruction improvements including pavement reconstruction, new curb and gutter, new sidewalks, two new traffic circles, continuous drainage system, new medians, an entrance sign, custom bus shelters, bus bays, street furniture, landscaping, and decorative roadway lighting. This portion of Caribbean Boulevard is primarily residential and is considered a collector roadway.

Old Cutler Road Improvements (SW 97th Avenue to SW 87th Avenue), Cutler Bay, Florida (Project Engineer and Construction Administrator)
This award winning project greatly enhanced Old Cutler Road between SW 97th Avenue and SW 87th Avenue. This Joint Participation Agreement (JPA) with Miami-Dade County successfully accomplished several project goals including pedestrian safety, traffic calming, improved traffic flow and beautification. Project elements included two traffic circles, pavement reconstruction, curb and gutter, new sidewalks, a shared use path, medians, continuous drainage system, medians, signalization upgrades, crosswalks, landscaping, irrigation, lighting, and several site amenities. Amenities included new bus shelters specifically designed for a unique Town feel, site furniture, creation of a park area with rare native plant species provided by Fairchild Tropical Gardens, state historic designation markers, and an electronic message board.

Crandon Boulevard Master Plan, Key Biscayne, Florida (Civil Engineer)
Civil Engineer of the design for this project that takes an existing suburban style highway and transforms it into a center of community activities. By promoting the safe and secure transit of all types of vehicles and pedestrians, this CPTED-friendly design also serves to create a source of identity for the community connecting retail, residential, public parks and government facilities into a cohesive design. The project consisted of a master plan that encompassed the design for a 4-lane divided road, improved public safety, easing of traffic congestion, traffic calming, pedestrianization, improved mass transit, streetscape improvements, sidewalks, lighting, and a roundabout. This project, divided into three phases, will provide the Village with a reference for the traffic and public safety impacts of future development or redevelopment of properties fronting Crandon Boulevard and its side streets.

Golden Beach Capital Improvements Program, Golden Beach, Florida
Project Manager and Construction Administrator for this comprehensive Capital Improvements Program Master Plan that focuses on several major improvement areas: town-wide drainage improvements; utilities underground relocation

Dave has over 12 years of experience on numerous public infrastructure projects for state agencies, counties and municipalities in South Florida. His experience includes the design, permitting and construction inspections for multiple water distribution mains and sanitary sewer force mains. He has extensive permitting experience with many of the regulatory agencies including the Department of Environmental Resources Management (DERM), Florida Department of Transportation, South Florida Water Management District (SFWMD), Department of Environmental Protection, Miami-Dade County Water and Sewer Department, Department of Health, and Miami-Dade County Public Works Department. He also has experience as a project engineer on pump stations, storm drainage, sanitary sewers, force , Sanitary Sewer Evaluation Studies (SSES) and Sanitary Sewer Repair and Rehabilitation (SSRR) projects. He is proficient with various engineering software tools such as AutoCAD, ArcGIS, MathCAD, Excel, MircoStation, MicroPaver, and HEC-RAS.

EDUCATION

Bachelor of Science in Civil Engineering, Florida International University, Miami Beach, Florida, 2002

Master of Science in Civil Engineering, Florida International University, Miami Beach, Florida, 2008

Coordination, Cost Estimate & Billing Certification, FUCC Utility Coordination, Florida, 2010

Construction Certification, FUCC Utility Coordination, Florida, 2011

Advanced Maintenance of Traffic Certification, FDOT, Florida, 2012

Design Certification, FUCC Utility Coordination, Florida, 2012

REGISTRATIONS

Professional Engineer #66553, State of Florida

Professional Engineer #040056, State of Georgia

Certified Floodplain Manager #US-12-06737, State of Florida

MEMBERSHIPS

Member, Association of State Floodplain Managers

Member, Florida Engineering Society

PROJECT EXPERIENCE

SW 264th Street Improvements (US 1 to SW 137th Avenue), Miami-Dade County, Florida
Project Engineer involved with the design for the proposed street improvements for SW 264th Street (approx. 0.74 miles). Design elements included a new configuration for SW 264th Street with a two lane divided roadway within an 80 foot right of way. The proposed corridor design consisted of standard travel lanes, bicycle lanes; parking stalls with landscape bump-outs after every second parking stall,

a landscaped median, traffic separator, standard curb and gutter, sidewalk, school bus drop-off, pavement marking and signage, roadway lighting and report, school zone with applicable markings, signs and flashers, and modification of existing traffic signal at US-1. Design elements of storm water management included over 3,150 feet of exfiltration trench, 2,000 feet of solid pipe, 45 drainage structures, pollution control structure with an emergency overflow into Naranja Canal with a rip-rap end-wall and manatee grate. Duties also included preliminary field investigations, utility coordination, computation book, drainage report, detailed cost estimates and permitting through DERM.

MD-WASD 54" Water Main, NW 57th Avenue, Hialeah, Florida
Project Engineer. New 54" Ductile Iron water main on NW 57th Avenue from NW 138th Street to NW 142nd Street. Project incorporated an interconnect with the existing 48" PCCP water main which runs parallel to new line, and is being kept as a back-up facility. The interconnect included temporary line stops and a bypass at the existing 48" PCCP main, butterfly valves and access manholes. NW 57th Avenue is a major 6 lane divided FDOT urban arterial, which required extensive maintenance of traffic planning for the new main installation. This project was executed under a Joint Project Agreement with FDOT-6.

MD-WASD 16" Water Main, NW 57th Avenue, Hialeah, Florida
Project Manager. Installation of approximately 3,600 LF of new 16" Ductile Iron water main on SW 107th Avenue from SW 11th Street to West Flagler Street. Project includes a sub aqueous crossing of the Tamami Canal, Fire Hydrant and water meter replacements. Responsible for design, specifications, quantities, construction cost estimate, shop drawings, and all permits acquisition through WASD, the Health Department and South Florida Water Management District (SFWMD).



PAUL WEINBERG

PLA | Principal in Charge

Paul Weinberg leads the Fort Lauderdale office of TBG Partners, sharing his unique talents as a landscape architectural practitioner as well as a visionary team leader who has been based in South Florida since 2000. During this time he has worked on a variety of significant public sector projects including urban parks, plazas, streetscapes and waterfront projects that provide meaning and purpose to the community; he finds the opportunity to improve quality of life through public realm enhancements especially rewarding and meaningful. Paul has a unique understanding of how to create immersive and memorable public spaces that strengthen civic identity and bring vitality to the larger area. In each project, Paul champions a holistic, team-based approach that delivers creative, thought-provoking solutions tailored to the project’s distinct contextual character. Locally, Paul is highly invested in the Fort Lauderdale community and gives back through many community and non-profit organizations.

EDUCATION

Bachelor of Science, Landscape
Architecture with Honors, Michigan
State University, 2000

REGISTRATION

Registered Landscape Architect - State
of Florida, No. 6666804 (2005)

AFFILIATIONS

Urban Land Institute
American Society of Landscape
Architects (ASLA)
American Resort Development
Association (ARDA)
Riverwalk Trust Board Member

// SELECTED PROJECT EXPERIENCE

Huizenga Plaza and Riverwalk - Fort Lauderdale, Florida
Levitt Pavilion - Fort Lauderdale, Florida
Las Olas Riverfront - Fort Lauderdale, Florida
FAT City, Flagler Village - Fort Lauderdale, Florida
Breakers Avenue - Fort Lauderdale, Florida
Las Olas Streetscape - Fort Lauderdale, Florida
9/11 Memorial - Fort Lauderdale, Florida
Tunnel Top Park - Fort Lauderdale, Florida
The Galleria at Fort Lauderdale - Fort Lauderdale, Florida
Columbus Riverfront - Columbus, Georgia
AC Marriott - Fort Lauderdale, Florida
City of Destin CRA and Harborfront Plan - Destin, Florida
Ocean Palms - Boca Raton, Florida
Harbor Isle Marina Village - Sarasota, Florida
American Express Corporate Headquarters - Sunrise, Florida



NATHAN VANDEMAN

PLA | Project Manager

An integral member of TBG's Fort Lauderdale office, Nathan VanDeman brings a sophisticated design approach and valuable production support to the development of projects varying widely in scale, setting and type. His experience ranges from boutique hotels and corporate campuses to large urban parks and waterfront development. Nathan works on these projects from conceptual stages through construction phases and designs immersive spaces that uniquely respond to the site and community context. While he works on a variety of project types, he has a distinct interest in urban renewal efforts and transforming leftover and forgotten spaces. Nathan is a Purdue alumnus and extensive traveler who has traveled throughout Europe and to countries in Africa and Central America.

EDUCATION

Bachelor of Science, Landscape
Architecture, Purdue University, 2009

REGISTRATION

Registered Landscape Architect - State
of Florida, No. 6667174

AFFILIATIONS

Urban Land Institute

// SELECTED PROJECT EXPERIENCE

Huizenga Plaza and Riverwalk - Fort Lauderdale, Florida
Tunnel Top Park - Fort Lauderdale, Florida
The Galleria at Fort Lauderdale - Fort Lauderdale, Florida
Levitt Pavilion - Fort Lauderdale, Florida
Las Olas Riverfront - Fort Lauderdale, Florida
FAT City, Flagler Village - Fort Lauderdale, Florida
Breakers Avenue - Fort Lauderdale, Florida
Las Olas Streetscape - Fort Lauderdale, Florida
9/11 Memorial - Fort Lauderdale, Florida
City of Destin CRA and Harborfront Plan - Destin, Florida
American Express Headquarters - Sunrise, Florida
Museum Park - Miami, Florida*
Gateway Park - Sunny Isles Beach, Florida*
Hank McCamish Pavilion - Atlanta, Georgia*

*Denotes projects prior to joining TBG



KELLI SCHUELER

PLA, LEED AP | Project Landscape Architect

A Senior Associate with more than 13 years of experience working for TBG Partners, Kelli Schueler is a landscape architect and project manager who has provided planning, design and project management services for a wide variety of project types through all phases of the development process. She applies an exacting approach and great attention to detail in each project, from conceptual design phases through construction documentation, to ensure designs become built reality efficiently and mistake-free. Her skills include project management, team leadership, production management, construction documentation and observation, regulatory approval, design savvy, extensive plant knowledge, and LEED documentation and sustainable strategies.

EDUCATION

Bachelor of Landscape Architecture,
Oklahoma State University, 2003

REGISTRATION

Registered Landscape Architect – State
of Texas, 2014
USGBC LEED Accredited Professional

AFFILIATIONS

American Society of Landscape
Architects (ASLA)
United States Green Building Council
(USGBC)

// SELECTED PROJECT EXPERIENCE

- Huizenga Plaza and Riverwalk - Fort Lauderdale, Florida
- Tunnel Top Park - Fort Lauderdale, Florida
- The Galleria at Fort Lauderdale - Fort Lauderdale, Florida
- Levitt Pavilion - Fort Lauderdale, Florida
- Las Olas Riverfront - Fort Lauderdale, Florida
- FAT City, Flagler Village - Fort Lauderdale, Florida
- Breakers Avenue - Fort Lauderdale, Florida
- Las Olas Streetscape - Fort Lauderdale, Florida
- 9/11 Memorial - Fort Lauderdale, Florida
- AC Marriott - Fort Lauderdale, Florida
- Seaholm Power Plant Redevelopment - Austin, Texas
- Auditorium Shores - Austin, Texas

REQUIRED FORMS

BID/PROPOSAL CERTIFICATION

Please Note: If responding to this solicitation through BidSync, the electronic version of the bid response will prevail, unless a paper version is clearly marked **by the bidder** in some manner to indicate that it will supplant the electronic version. All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the department of state, in accordance with Florida Statute §607.1501 (visit <http://www.dos.state.fl.us/>).

Company: (Legal Registration) BROOKS + SCARPA ARCHITECTS, LLC. EIN (Optional): _____

Address: 4611 W SLAUSON AVENUE

City: LOS ANGELES State: CA Zip: 90043

Telephone No. (323) 596-4708 FAX No. _____ Email: huber@brooksscarpa.com

Delivery: Calendar days after receipt of Purchase Order (section 1.02 of General Conditions): _____

Total Bid Discount (section 1.05 of General Conditions): _____

Does your firm qualify for MBE or WBE status (section 1.09 of General Conditions): MBE No WBE Yes

ADDENDUM ACKNOWLEDGEMENT - Proposer acknowledges that the following addenda have been received and are included in the proposal:

| Addendum No. | Date Issued | Addendum No. | Date Issued | Addendum No. | Date Issued |
|--------------|-------------|--------------|-------------|--------------|-------------|
| #1 | 03/20/2017 | | | | |
| | | | | | |

VARIANCES: If you take exception or have variances to any term, condition, specification, scope of service, or requirement in this competitive solicitation you must specify such exception or variance in the space provided below or reference in the space provided below all variances contained on other pages within your response. Additional pages may be attached if necessary. No exceptions or variances will be deemed to be part of the response submitted unless such is listed and contained in the space provided below. The City does not, by virtue of submitting a variance, necessarily accept any variances. If no statement is contained in the below space, it is hereby implied that your response is in full compliance with this competitive solicitation. If you do not have variances, simply mark N/A. **If submitting your response electronically through BIDS SYNC you must also click the "Take Exception" button.**

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, that in no event shall the City's liability for respondent's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

JEFFREY HUBER

Name (printed)

APRIL 18, 2017

Date:


Signature

DIRECTOR OF PLANNING AND URBAN DESIGN

Title

revised 04/10/15

SECTION 6 – COST PROPOSAL PAGE**Proposer Name:** BROOKS + SCARPA ARCHITECTS

Proposer agrees to supply the products and services at the prices bid below in accordance with the terms, conditions and specifications contained in this RFP.

Cost to the City: Contractor must quote firm, fixed, costs for all services/products identified in this request for proposal. These firm fixed costs for the project include any costs for travel and miscellaneous expenses. No other costs will be accepted.

| Task | Estimated Hours | Cost Not to Exceed |
|--|-----------------|--------------------|
| Task 1 – Develop Project Management Approach | | |
| <i>Deliverable Task 1: Technical Memo Outlining Project Management Approach</i> | 93 | \$13,950 |
| Task 2 – Research Best Practices in Creating a Cohesive, Functional, Active, Sustainable, and Resilient Community Design | | |
| <i>Deliverable Task 2: Technical Memo on Research Conducted and Outlining Best Practices to Incorporate into the Manual</i> | 255 | \$38,250 |
| Task 3 – Develop Draft “Design and Construction Manual - For a Sustainable and Resilient Community & Cohesive Public Realm” for Staff Review | | |
| <i>Deliverable Task 3a: Develop Draft Fast Forward Fort Lauderdale Design and Construction Manual for a Sustainable and Resilient Community and Cohesive Public Realm for Staff and Stakeholder Review</i> | 1,020 | \$153,000 |
| <i>Deliverable Task 3b: PowerPoint presentation and/or related presentation materials and actual presentations in partnership with City project staff for input before core stakeholder group and the general public of the Draft Manual</i> | 40 | \$6,000 |
| Task 4 – Final Design and Construction Manual- For a Sustainable and Resilient Community & Cohesive Public Realm | | |
| <i>Deliverable Task 4: Final Fast Forward Fort Lauderdale Design and Construction Manual for a Sustainable and Resilient Community and Cohesive Public Realm</i> | 380 | \$57,000 |
| Task 5 – Showcase Results | | |
| <i>Deliverable Task 5a: A PowerPoint presentation to showcase results and benefits and complimentary materials to create a website highlighting key achievements of the Manual</i> | 52 | \$7,800 |
| <i>Deliverable Task 5b: Presentation in partnership with City project staff before core stakeholder group and the general public of the Manual to 1) Staff, 2) City Commission, and 3) to no less than one stakeholder group</i> | 80 | \$12,000 |
| Task 6 – Draft Implementation Report | | |
| <i>Deliverable Task 6: Draft Implementation Report of Fast Forward Fort Lauderdale Design and Construction Manual for a Sustainable and Resilient Community and Cohesive Public Realm for Staff and Stakeholder Review</i> | 80 | \$12,000 |
| TOTAL | 2,000 | \$300,000 |

89

Submitted by:

JEFFREY HUBER

Name (printed)

APRIL 18, 2017

Date



Signature

DIRECTOR OF PLANNING AND URBAN DESIGN

Title

NON-COLLUSION STATEMENT:

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

NAME

RELATIONSHIPS

N/A

In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.

CONTRACT PAYMENT METHOD BY P-CARD

THIS FORM MUST BY SUBMITTED WITH YOUR RESPONSE

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to payment by credit card via MasterCard or Visa. This allows you as a vendor of the City of Fort Lauderdale to receive your payment fast and safely. No more waiting for checks to be printed and mailed.

Payments will be made utilizing the City's P-Card (MasterCard or Visa). Accordingly, firms must presently have the ability to accept credit card payment or take whatever steps necessary to implement acceptance of a credit card before the commencement of a contract.

Please indicate which credit card payment you prefer:

 X Master Card

 Visa Card

Company Name: BROOKS + SCARPA ARCHITECTS

JEFFREY HUBER
Name (printed)


Signature

APRIL 18, 2017
Date:

DIRECTOR OF PLANNING AND URBAN DESIGN
Title

ATTACHMENT "A"
E-VERIFY AFFIRMATION STATEMENT

RFP/Bid /Contract No: 875-11675

Project Description: THE CITY OF FORT LAUDERDALE, FLORIDA (CITY) IS SEEKING QUALIFIED, EXPERIENCED AND LICENSED FIRM(S) TO DEVELOP A DESIGN AND CONSTRUCTION MANUAL FOR A SUSTAINABLE AND RESILIENT COMMUNITY AND COHESIVE PUBLIC REALM FOR THE CITY'S PUBLIC WORKS DEPARTMENT, SUSTAINABILITY DIVISION, IN ACCORDANCE WITH THE TERMS, CONDITIONS, AND SPECIFICATIONS CONTAINED IN THIS REQUEST FOR PROPOSALS (RFP).

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

- (a) all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,
- (b) all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name:

BROOKS + SCARPA ARCHITECTS

Authorized Company Person's Signature:



Authorized Company Person's Title:

JEFFREY HUBER, DIRECTOR OF PLANNING AND URBAN DESIGN

Date: APRIL 18, 2017



CERTIFICATE OF LIABILITY INSURANCE

BROOSCA-01 THOMPSONC

DATE (MM/DD/YYYY)
2/3/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

| PRODUCER License # 0E67768 IOA Insurance Services 3875 Hopyard Road Suite 240 Pleasanton, CA 94588 | CONTACT NAME: Cassandra Thompson PHONE (A/C, No, Ext): (925) 416-7862 FAX (A/C, No): (925) 416-7869 E-MAIL ADDRESS: Cassandra.Thompson@ioausa.com | | | | | | | | | | | | | | |
|---|--|-------------------------------|--------|--|--------------|---|--------------|--------------------|--|--------------------|--|--------------------|--|--------------------|--|
| INSURED Brooks + Scarpa, Inc. 4611 W. Slauson Avenue Los Angeles, CA 90043-2721 | <table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : RLI Insurance Company</td> <td>13056</td> </tr> <tr> <td>INSURER B : Beazley Insurance Company, Inc</td> <td>37540</td> </tr> <tr> <td>INSURER C :</td> <td></td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </tbody> </table> | INSURER(S) AFFORDING COVERAGE | NAIC # | INSURER A : RLI Insurance Company | 13056 | INSURER B : Beazley Insurance Company, Inc | 37540 | INSURER C : | | INSURER D : | | INSURER E : | | INSURER F : | |
| INSURER(S) AFFORDING COVERAGE | NAIC # | | | | | | | | | | | | | | |
| INSURER A : RLI Insurance Company | 13056 | | | | | | | | | | | | | | |
| INSURER B : Beazley Insurance Company, Inc | 37540 | | | | | | | | | | | | | | |
| INSURER C : | | | | | | | | | | | | | | | |
| INSURER D : | | | | | | | | | | | | | | | |
| INSURER E : | | | | | | | | | | | | | | | |
| INSURER F : | | | | | | | | | | | | | | | |

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

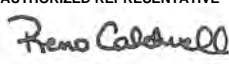
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE | ADDL INSD | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS |
|----------|--|--|------------|---------------------|-------------------------|-------------------------|---|
| A | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER: | | | PSB0001373 | 02/15/2016 | 02/15/2017 | EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000 \$ |
| A | AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS | | | PSB0001373 | 02/15/2016 | 02/15/2017 | COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ |
| | UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$ | | | | | | EACH OCCURRENCE \$ AGGREGATE \$ \$ |
| A | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below | Y/N <input type="checkbox"/> | N/A | PSW0001238 | 10/08/2015 | 10/08/2016 | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000 |
| B | Professional Liab. | | | V15W72150801 | 10/21/2015 | 10/21/2016 | Per Claim 1,000,000 |
| B | Professional Liab. | | | V15W72150801 | 10/21/2015 | 10/21/2016 | Aggregate 2,000,000 |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

All operation of the Named Insured, including referenced project, if any.
Generic Certificate

CERTIFICATE HOLDER**CANCELLATION**

| | |
|--|--|
| Brooks + Scarpa, Inc. 4611 W. Slauson Avenue Los Angeles, CA 90043-2721 | <p>SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.</p> <p>AUTHORIZED REPRESENTATIVE </p> |
|--|--|

© 1988-2014 ACORD CORPORATION. All rights reserved.

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF ARCHITECTURE & INTERIOR DESIGN

LICENSE NUMBER

AR95504

The ARCHITECT
Named below IS LICENSED
Under the provisions of Chapter 481 FS.
Expiration date: FEB 28, 2017

HUBER, JEFFREY ERWIN
1928 NE 7TH PL
FT. LAUDERDALE FL 33304



ISSUED: 12/01/2014

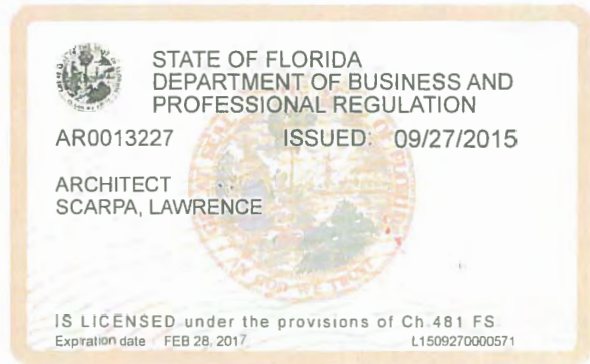
DISPLAY AS REQUIRED BY LAW

SEQ # L1412010001203

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF ARCHITECTURE & INTERIOR DESIGN**

| LICENSE NUMBER | |
|----------------|--|
| AR0013227 | |

The ARCHITECT
Named below IS LICENSED
Under the provisions of Chapter 481 FS.
Expiration date: FEB 28, 2017

SCARPA, LAWRENCE
4611 W SLAUSON AVE
LOS ANGELES CA 90043



ISSUED: 09/27/2015

DISPLAY AS REQUIRED BY LAW

SEQ # L1509270000571

