

URBAN DESIGN

FIRM QUALIFICATIONS
SEPTEMBER 2013



PERKINS+WILL

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IDEAS + BUILDINGS + PEOPLE /

We believe that design has the power to positively transform people and the planet.



AREAS OF PRACTICE

Corporate + Commercial
Civic + Cultural
Healthcare
Higher Education
Hospitality + Residential
K-12 Education
Science + Technology
Sports + Recreation
Transportation

DISCIPLINES

Architecture
Branded Environments
Interiors
Landscape Architecture
Planning + Strategies
Urban Design

Curious, agile, and adaptable, we craft solutions that inspire our clients and their communities, create positive long-term environmental, economic, and social change, and set new paradigms for the future.

Since 1935, Perkins+Will has created innovative and award-winning designs for the world's most forward-thinking clients. We are architects, interior designers, urban designers, landscape architects, consultants, and branded environment experts who approach design from all scales and perspectives. Engaged, accessible, and collaborative, our staff of 1,500 professionals brings together high design, functional performance, and social responsibility to advance project goals. Inspired by the programs within, we design from the inside-out. We combine a deeply humanistic approach with results-driven pragmatism to create dynamic spaces for people.

Research-focused and inventive, every day we reimagine how space can be used to foster stronger ties between communities, the built environment, and nature. With nearly 1,000 LEED® Accredited Professionals, sustainable design and the use of healthy building materials are fundamental to our process. Our transformative designs help students learn better, patients heal faster, business teams perform stronger, and city dwellers have more meaningful daily experiences.

AREAS OF PRACTICE /

**DISCIPLINES**

Architecture
 Branded Environments
 Interiors
 Landscape Architecture
 Planning + Strategies
 Urban Design

Corporate + Commercial + Civic

People are at the core of our Corporate, Commercial, and Civic + Cultural practice — our award-winning designs improve quality of life by responding to individual and societal needs. We believe great designs come from strong building programs. Efficient, creative, and highly sustainable, the spaces we design reflect the identity and needs of its community and become catalysts for change. Our buildings become an integral part of their larger social, cultural, environmental, and global context.

Corporate Interiors

We believe in the power of workplace design to unlock the positive potential of the workforce. Across every office and expertise, our goal is to create this kind of positive change for our clients' teams, businesses, and brands — and our society for generations to come. Creative and environmentally progressive, our solutions create a lasting impact, significantly enhancing the success of an organization's culture, relationships, attitude, and bottom line.

Hospitality + Mixed-Use + Residential

Our designs for hotels, mixed-use and residential developments, are driven by our commitment to brand identity, guest experience, and our client's project goals. We tailor our design solutions to each client's particular operations and objectives. Respectful of personal and community needs, our designs bring a sense of identity, comfort, and joy to the art of living.

Healthcare

As planners and designers of healthcare facilities, we bring together innovative technology and treatment models, layers of sophisticated operational process and great compassion to create powerful and advanced healthcare buildings. From master plans and freestanding buildings to renovations, the breadth and quality of our diverse portfolio have consistently placed Perkins+Will among the leading healthcare firms in the world.

AREAS OF PRACTICE /



Higher Education

Innovative learning environments have been the cornerstone of our practice since the firm was founded. We create spaces that help define an institution, support its mission and enhance student, staff, faculty and community life. We design next generation learning spaces that inspire and motivate as they educate.

K-12 Education

Successful educational environments depend on the connections between students, educators, parents, educational institutions and the communities they serve. We have helped shape the way the world educates its children. From renovations and expansions to new schools or district-wide master plans, our dynamic and technologically-advanced learning environments inspire curiosity, encourage free play, and foster learning through a shared sense of connection and community.

Science + Technology

Our practice creates research campuses, laboratory environments and technical spaces that support the strongest possible models for research and production. Partnering with our clients, we solve the functional challenges of planning and programming to design change-responsive research and development facilities that inspire innovation, accelerate discovery, enhance energy performance and exceed regulatory requirements.

Sports + Recreation

We create exceptional facilities that transform society by supporting and enhancing the pursuit of wellness. Our user-oriented designs support mission and vision, celebrate the dynamic potential of the program within spaces, and are specifically responsive to their sites. Driven to create environments that are enduring and inspiring for today's and tomorrow's user, we anticipate and understand "next generation" lifestyle trends and the trends impacting the future of athletics and recreation.

Transportation

Well-planned, designed, and integrated transportation solutions have the power to change the trajectory of a community. They encourage vibrant, walkable neighborhoods, strengthen social fabric, promote a healthier environment, and foster a resilient, interconnected economy by efficiently connecting people, ideas, and services. Through an iterative and collaborative design process, we incorporate sustainable transportation planning into a wide range of project types — from large-scale urban design for cities and communities to station-area planning to transportation facility-specific architecture.

SUSTAINABLE DESIGN /

Project-by-project and day-by-day, sustainability is a part of everything we do.



PERKINS+WILL HAS TO DATE:

160+ LEED Certified projects, including 20 Platinum and 45 Gold (more than any other firm in the world)

215+ LEED Registered projects, including 14 tracking Platinum and 58 tracking Gold

1,000+ LEED Accredited Professionals

LEED Faculty and LEED Subject Matter Experts for NC, CI and EB.

Two of the highest-scoring LEED projects in the world (Dockside Green, Perkins+Will Atlanta Office)

3 of the 16 projects honored by the Clinton Climate Initiative as "Climate-Positive"

Ranked #1 Sustainable Design Firm by Architect Magazine, 2009, 2010

Received the 2008 Sustainable Design Leadership award from CoreNet, 2008

Committed to the 2030 Challenge in 2007

Sustainability forms the foundation of how we work, live, operate and deliver results to our clients.

Perkins+Will is recognized internationally as a leader in green building design with one of the largest portfolios of built green projects in the United States and Canada.

We have proven that sustainable design does not mean increased capital budget or increased design fees. Design excellence, application of technology, selective and discerning use of materials and resources can produce a sustainable building with little or no premium on capital costs. Furthermore, these strategies lead to reduced operating costs and can extend the useful life of a building.

We are committed to environmental sustainability at all levels and take a holistic approach to green design. Our commitment is evident in our history of successful, built sustainable projects, our public advocacy and our ongoing

research clearly indicates the fortitude of our integrated team approach.

Perkins+Will leadership in environmental progress is evidenced by three products developed by the firm and offered freely to the building industry:

- 2030 e2-Calculator <http://2030e2.perkinswill.com/>
- Precautionary List <http://transparency.perkinswill.com/>
- Ingredients Label http://www.huffingtonpost.com/andy-mannle/new-ingredient-label-for-_b_995254.html

**OUR
EXPERTISE
SPANS
ACROSS
TWENTY-
THREE
OFFICES**

PERKINS+WILL

GLOBAL OFFICES AND INTERNATIONAL ALLIANCES





URBAN DESIGN

URBAN DESIGN /

Bold concepts, deep analysis, and a clarity for action



AREAS OF PRACTICE

District + Regional Planning
Landscape Architecture
Master Planning
Transportation-Related Planning
Urban Regeneration

SELECTED PROJECTS

Atlanta BeltLine
Atlanta, Georgia

Dockside Green
Victoria, British Columbia

Edmonton City Centre Airport Lands
Edmonton, Alberta

Innovation Square
Gainesville, Florida

Mission Rock
Seawall Lot 337
San Francisco, California

New York University, 2031
New York, New York

SANY Beijing Master Plan
Beijing, China

Our work enhances the best qualities of urban living, weaving together landscape architecture, transportation systems, and infrastructure to shape distinctive and magnetic places.

We are dedicated to building environments that enrich people's lives. Our work focuses on the best qualities of urban living, weaving public spaces, diverse uses, and memorable context into a distinctive pattern of place. Our multi-disciplinary team of urban designers calls upon landscape architecture, transportation systems, infrastructure, and architecture to create frameworks for distinctive and magnetic places. Successful regeneration and creation of sustainable cities demands subtle cultural, environmental, and economic responses. We constantly nourish and advance the development of new tools and innovative thinking for design and communication. Informed by our global expertise, knowledge, and resources, we craft thoughtful,

multi-layered urban designs that have shaped cities around the world. Immersed in the settings of our clients, we transform new cities, waterfronts, city centers, educational and corporate campuses, and urban districts into vibrant, sustainable communities. We envision flexible solutions that anticipate future change. We establish the vision, identify the means, and develop a framework for action, generating long-term economic, social, and environmental value for private and public clients and communities. With more than 1,000 LEED® accredited professionals, our firm is distinguished by our commitment to sustainability, taking special pride in urban design's global potential for positive change.

URBAN DESIGN /



Clockwise from Left: Qingdao Master Plan; Atlanta BeltLine; Mission Rock

We have an insatiable appetite for projects that are built upon rigorous site evaluation and can demonstrate the positive benefits of whole systems sustainability at an urban design scale. It is here that communities will redefine the way we work, play, and live.

DESIGN: Bold Concepts, Deep Analysis, Clarity for Action

Success in a Perkins + Will urban design project comes not with an idea dropped in from Vancouver or Rio or Shanghai, but with a concept that redefines a city on the world map. These concepts harvest the resources of each place, attract significant new investment, and arm the client with the planning, design, economic, and environmental strategies to guide those actions.

Toolmaking is central to our ability to fully and rapidly understand and analyze the implications of our design ideas, whether for healthcare and educational campuses, redevelopment districts, cities, or corporate expansions. Young urban designers across Perkins+Will are challenged to develop innovative approaches to apply computational graphics, rapid prototyping, visualization and communication advances to the specific needs of our global urban design clients.

Clients, Communities, and Designers

Our interdisciplinary model means that we can partner on any scale project, whether as team lead or embedded partner. Our partners are often the communities we serve and it is here that our award-winning “Planning Game” is tailored to assure substantive participation. In nearly a hundred applications, we have garnered awards and the kudos of clients and communities who better understand and are empowered to express their perspectives.



Edmonton City Centre Airport Lands

Transformative Ideas and Demonstrated Success

In projects ranging from individual streetscape to an entire metropolitan region, our interdisciplinary teams are able to envision and develop ambitious and transformative ideas that are implementable. We understand that a visionary idea must be articulated clearly to gain traction among communities and leadership circles, and realistic enough to achieve implementation.

Thoroughly grounded in a detailed understanding of each site and cultural context, as well as the goals and budget of the client, we establish the vision, identify the means, and develop the framework to meet those goals. We employ methodologies both innovative and time-tested to arrive at strategies to guide development, catalyze economic growth, and activate an authentic and memorable public realm.

Our work for the public sector gives us an understanding of the imperatives

and challenges civic institutions must address to create a framework for development. Our private sector experience gives us a keen understanding of markets and the rigors of economic viability. We understand how to enhance the public realm to guide and stimulate development in the private sphere. We can inspire constituencies, support entitlement, and move extraordinary projects to funding and construction.

- Working at a citywide scale, the Atlanta Beltline Corridor Design guides the development of a 22-mile transit greenway, repurposing infrastructure assets to create vibrant, connected public spaces that jumpstart economic growth and boost quality of life.
- Interweaving urban design and transportation strategies, we enable mobility choices from high speed rail to bikes to water transportation, reaping benefits of infrastructure investments from Atlanta to New York to Boston's Central Artery.

- As we transform former military bases, railyards, airports and post-industrial waterfronts, we raise the bar toward carbon-positive solutions from Edmonton, Alberta to New York Harbor.
- Committed to engaging landscapes and urban spaces as the foundation for healthy, vibrant communities we successfully interweave such new spaces into settings as diverse as Innovation Square, an urban research district at the University of Florida Gainesville and the 3.5 million square-foot mixed-use neighborhood of Mission Rock on San Francisco's waterfront.

With more than 1,000 LEED accredited professionals, 44 LEED certified projects, and 165 LEED registered projects including 27 Platinum and 70 Gold, our firm is distinguished by our commitment to sustainability. We deliver green solutions that are elegant, eminently buildable, and ultimately enduring.

CREATING VIBRANT, SUSTAINABLE ENVIRONMENTS

Our urban designers work in places of magnificent urban opportunity that demand creative responses to growth, transformation, leadership, and community passions. In these settings, we design places of urban life, discovery, and economic vitality. Our work serves to heal and inspire and vest places of common experience with vitality and beauty.

AWARDS

SELECTED URBAN DESIGN AWARDS /

Dockside Green Master Plan
Special Jury Award, 2009
Architectural Institute of British Columbia

Top Ten Green Projects, 2009
AIA Committee on the Environment (COTE)

Excellence in Urban Sustainability, 2008
GLOBE Awards for Environmental Excellence

Treasure Island Concept Development Plan
Innovation in green Community Planning Award, 2012,
APA Northern California

Urban Design Honor Award, 2009
AIA National

Urban Design Merit Award, 2008
AIA California Council

College of Coastal Georgia - Site Design
Merit Award, 2012
AIA Georgia

Honor Award, 2012
Georgia ASLA

SANY Beijing Master Plan
First Place, Conceptual Design, 2009
International Biennale of Architecture and Urbanism

Governor's Island Open Space
Honor Award, 2008
AIA New York Chapter

Heping Residential Development
Urban Design Award, 2006
AIA Chicago Chapter

Mission Rock - Seawall Lot 337
Urban Design Merit Award, 2011
AIA Californai Chapter

Urban Design Merit Award, 2010
AIA San Francisco Chapter

Panama Pacifico
Citation Award in Urban Design, 2010
AIA San Francisco Chapter

Newtown Creek Master Plan
Design Award of Excellence, 2012
SARA NY

Osong Bio-Valley City Master Plan
Award of Honor Conceptual or Theoretical Projects, 2012
SARA

Design Award of Excellence, 2012
SARA NY

Merit Award, 2011
Urban Design Institute of Korea

Puerto Rico Capitol District Master Plan
Honor Award, 2012
AIA Georgia

Award of Excellence, 2012
ASLA Georgia

Piggyback Yard (Friends of LA River)
Urban Design Merit Award, 2011
AIA California Council

Los Angeles Architectural Award, Design Concept Category, 2012
Los Angeles Business Council

Concord NWS Reuse Plan
Merit Award, Innovation in Green Community Planning, 2012
APA Northern California

Station Park Green Specific Plan and Design Guidelines
Urban Design Merit Award, 2008
AIA California Council

Plan Abu Dhabi 2030
Planning Institute of British Columbia Award, 2008

Canadian Institute of Planners Award, 2008

Excellence in Urban Sustainability
Finalist, 2008

University of Florida
Innovation Square Vision Plan
Honor Award, 2012
Florida Chapter ASLA

Award of Merit, Planning Project Category, 2012
APA Florida

President's Award, 2012
Florida Redevelopment Agency

Out of the Box, 2012
Florida Redevelopment Agency

Donald E. Hunter Excellence in Economic Development Planning, 2012
Economic Development Division of APA

The Reuse Plan of the Former Water Reed Army Medical Center
Award for Outstanding Neighborhood or Small Area Plan, 2012
National Capital Area Chapter of the APA

Poplar Point Target Area Plan
Anacostia Waterfront Initiative
Regional and Urban Design Honor Award,
2005
AIA National

Outstanding Planning Award for a Plan,
2005
APA National

1315 Peachtree Street
Great Places Award, 2013
Environmental Design Research Association

Top Ten Green Projects, 2012
AIA Committee on the Environment

Honor Award, 2012
AIA, South Atlantic Region

Merit Award, 2012
Georgia ASLA

Development of Excellence Award, 2011
Urban Land Institute Development of

Design Award, 2011
AIA Georgia

Award of Excellence for Sustainability,
2011
Atlanta Urban Design Commission

Golden Shoe Award, 2011
Pedestrians Educating Drivers on Safety

Southfork Watershed Vision Plan
Grass Roots Initiative Award, 2012
Georgia APA

University of Wisconsin Platteville Master Plan
Merit Award, 2012
ASLA, Minneapolis Chapter

Kuwait University Teaching School
Design Award of Excellence, 2012
SARA

WAN Award, 2012
World Architecture News

Willson Hospice House
National Healthcare Design Award, 2012
AIA, Academy of Architecture for Healthcare

Honor Award, 2012
Georgia ASLA

King Abdullah University of Science and
Technology
Research Project of the Year, 2012
Association of University Research Parks

Honor Award, 2011
ASLA Georgia

PRESS RELEASE /

CLINTON CLIMATE INITIATIVE TO DEMONSTRATE MODEL FOR SUSTAINABLE URBAN GROWTH WITH PROJECTS IN 10 COUNTRIES ON SIX CONTINENTS

May 18, 2009 | Seoul, South Korea | Clinton Foundation | Press Releases

CLIMATE POSITIVE DEVELOPMENT PROGRAM TO SET EXAMPLE FOR CITIES TO FOLLOW AS THEY GROW



May 19, 2009 – SEOUL – The Clinton Climate Initiative (CCI), a project of the William J. Clinton Foundation, today announced a global program developed in collaboration with the U.S. Green Building Council (USGBC), called the Climate Positive Development Program. The program will support the development of large-scale urban projects that demonstrate cities can grow in ways that are “climate positive.” Climate Positive real estate developments will strive to reduce the amount of on-site CO2 emissions to below zero.

Sixteen founding projects on six continents, supported by local governments and property developers, will demonstrate Climate Positive strategies, setting a compelling environmental and economic example for cities to follow.

Last year, for the first time, half the world’s population (3.2 billion people) lived in cities¹, and that figure is expected to grow to 70 percent² by 2050. Cities also occupy just 2 percent of the world’s landmass, yet are responsible for more than two-thirds of global energy use and greenhouse gas emissions. Rapid urban growth and climate change are putting our world’s cities in a vise grip of escalating infrastructure, energy, and health and human services costs that will be magnified by the pressure of climatic adaptation. How cities change and grow is therefore a critical component to tackling the climate crisis.

“As the Earth’s population increases and our cities grow, we need to ensure we have the models in place to sustain our way of life in an increasingly urbanized world,” President Clinton said. “The Climate Positive Development Program will set a new global standard for developments that will minimize environmental impacts and benefit economies as we build and rebuild homes, schools, and businesses. Today’s announcement builds off the work my Foundation and the C40 have done to initiate large-scale projects in more than 40 cities that are already reducing greenhouse gas emissions and making a significant impact in the fight against climate change.”

To reduce the net greenhouse gas emissions of these projects to below zero, property developers and local governments will agree to work in partnership on specific areas of activity. This includes implementing economically viable innovations in building, the generation of clean energy, waste management, water management, transportation, and outdoor lighting systems.

When the initial 16 projects are completed, nearly one million people will live and work in Climate Positive communities. These communities will be located in: Melbourne, Australia; Palhoça, Brazil; Toronto, Canada; Victoria, Canada; Ahmedabad, India; Jaipur, India; outside Panama City, Panama; Pretoria, South Africa; Johannesburg, South Africa; Seoul, South Korea; Stockholm, Sweden; London, UK; San Francisco, USA and Destiny Florida, USA.

By combining CCI’s business and finance expertise with the technical knowledge of the USGBC, the Climate Positive Development Program will support the planning and implementation process for each real estate development and establish the standards and metrics by which the sites can measure climate positive outcomes.

USGBC President, CEO, and Founding Chairman Rick Fedrizzi commented, “A program that aims to set a new global benchmark has to be set on solid metrics. We know this from our experience with LEED, and believe it’s fundamental to delivering immediate and measureable results.”

“We know that when it comes to combating the threat of climate change, cities are acting in many ways,” said Toronto Mayor David Miller, Chair of the C40 Group of large cities leading on climate change. “Climate Positive is yet another way cities will be able to continue to lead this important fight. This initiative is particularly important as the world becomes more urbanized and I want to thank CCI for making it a reality.”

“I am sure our effort to fight global warming will be a successful one if initiatives like the Climate Positive Development Program continue to be widely accepted around the world,” said Oh Se-hoon, Mayor of Seoul.

Photo credit: Seoul Metropolitan Government

PARTICIPATING PROJECTS

(The first three projects listed are Perkins+Will projects)

| NAME | LOCATION |
|---|--|
| Perkins+Will's Projects | |
| Panama Pacifico | Former Howard Air Force Base, Panama |
| Treasure Island Redevelopment Project | San Francisco, California, USA |
| Dockside Green | Victoria, British Columbia, Canada |
| Other Projects | |
| Destiny Florida | Destiny, Florida, USA |
| Godrej Garden City | Ahmedabad, Gujarat, India |
| Elephant & Castle | London Borough of Southwark, UK |
| Albert Basin | East London, UK |
| Magok Urban Development Project | Magok-dong Gayang-dong, Seoul, South Korea |
| Mahindra World City Jaipur | Jaipur, Rajasthan, India |
| Menlyn Maine | Pretoria, South Africa |
| VicUrban @ Officer | Melbourne, Victoria, Australia |
| Zonk'izizwe Town Center | Johannesburg, South Africa |
| Victoria Harbour, Docklands, Melbourne | Victoria Harbour, Docklands, Melbourne, Victoria, Australia |
| Toronto Waterfront- Lower Don Lands | Toronto, Ontario, Canada |
| Stockholm Royal Seaport | Stockholm, Sweden |
| Pedra Branca Sustainable Urbanism | Palhoça, Greater Florianópolis, Santa Catarina State, Brazil |

NEW CITIES

Moscow River Eco-City

Osong Bio-Valley City Master Plan

Nansha Seaside New Eco-City International Competition

Qingdao Master Plan International Competition

Al Batinah Regional Plan + City of Liwa Master Plan

Chiva New Town Master Plan

MOSCOW RIVER ECO-CITY


CLIENT FINEX

LOCATION Moscow, Russia

COMPLETION DATE Ongoing

CONSTRUCTION COST Confidential

SIZE 741 acres / 300 hectares

First Phase: 50 hectares

Located on the outskirts of Moscow, the new Moscow River Eco-City will be a destination of financial gravity and exemplary urban living - a model for the region, the country and the continent. This project is one of bold aspirations, solid roots in the characteristics and potentials of place and innovative strategies for realization. The Perkins+Will Financial Center Vision brings these principles to life with a focus on plan, three dimensional identity and form, and the interweaving of site systems essential to an achievable plan.

Moscow River Eco-City is envisioned as a mixed-use community organized around an integrated network of open and public spaces, spaces that are woven into the neighborhoods that focus activity and shared experiences. At the heart of the plan is a new center pulsating with energy and flow of financial capital, creating wealth and opportunities for the new inhabitants of this community. As a new model of urban living, the plan is on a variety of housing types that create a diverse physical fabric and support a vibrant and vital commercial and financial center.

MOSCOW RIVER ECO-CITY /



OSONG BIO VALLEY



CLIENT Chungbukdo Province
LOCATION Chungbukdo, South Korea
COMPLETION DATE Ongoing
CONSTRUCTION COST n/a
SIZE 4,700 acres

AWARDS

Award of Honor Conceptual or
 Theoretical Projects, 2012
 SARA

Design Award of Excellence, 2012
 SARA NY

Merit Award, 2011
 Urban Design Institute of Korea

A Long Life City Shaped by its Bio-Region.

What is a bio-tech city and what should its life and character be based on? How should a new city be designed today- in the year 2011? Perkins+Will's vision for Osong channels its bio-region's social, economic, and natural resources to create a unique global biotech location.

Osong's regional resources and natural processes, or its bio-capacity, shape and limit its development footprint. Biotechnology, Osong's economic driver, which has applications in agriculture and medicine, will shape the valley's public realm- its innovations revealed and celebrated on streets and squares. The bio-valley will be a "Living City"

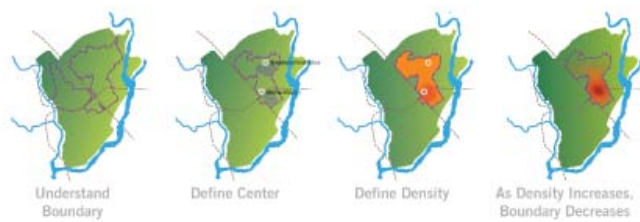
that is intelligent, innovative, resilient, connected, and renewable. It will possess a dynamic footprint driven by smart and flexible infrastructure that adapts to change- allowing it to both expand and shrink in size as per future demands. Our proposal preserves and builds-on existing settlement patterns, fertile agricultural fields and communities where possible- all part of the symbiotic cultural and economic ecosystem of the area.

These design drivers seek to establish Osong as a model bio-city and a value based international brand with a high quality of life that will attract international talent, investment and attention.

Human Driven Solution



Adjusting Boundaries



NANSHA SEASIDE NEW ECO-CITY

INTERNATIONAL COMPETITION



CLIENT Branch Bureau of Nansha Development Zone, Bureau of Urban Planning of Guangzhou Municipality, China

LOCATION Nansha, Guangzhou, China

COMPLETION DATE 2010

CONSTRUCTION COST Confidential

SIZE 1,800 hectares

Part of Guangzhou in China's Pearl River Delta, Nansha Seaside New Eco-city has been identified as the future economic and development area for the region. Strategically located between Hong Kong, Shenzhen, Macao and the city of Guangzhou, Nansha and its port will be a major center for maritime industrial and related commercial activities for China and the whole Southeast Asia region.

Perkins+Will was selected among six high profile teams to participate to an international competition for the master plan of Jiaomen River Central Area, the future urban heart of Nansha. Our concept of "Eco Urban Oasis" focuses on a central vibrant heart embracing the Jaomen River and framed by the surrounding hills. Small "European" blocks create a tight, rich and walkable

urban pattern interwoven with waterways and greenways or green streets ensuring a livable urban central node for Nansha. The quality of life is supported by alternative transportation modes such as water buses and shuttles connected to the regional public transit, contributing to a low carbon community. This strategy to contain the extent of the development footprint allow for major "carbon sink" or buffers and preserve sensitive ecosystems of the delta.

NANSHA SEASIDE NEW ECO-CITY INTERNATIONAL COMPETITION /



QINGDAO WATER PLAN INTERNATIONAL COMPETITION



CLIENT Qingdao West Coast Development

LOCATION Qingdao, China

COMPLETION DATE 2012

CONSTRUCTION COST n/a

SIZE 22 square kilometers

This redevelopment plan envisioned a new CBD and waterfront that would be the centerpiece of the region and a new identity for Qingdao.

This waterfront redevelopment plan involved the planning for a new CBD and waterfront that would be a centerpiece of the region and a new identity for Qingdao. Different neighborhoods and districts were developed, all within a strong open space framework that incorporated existing mountains, rivers, ecological corridors and other existing development.

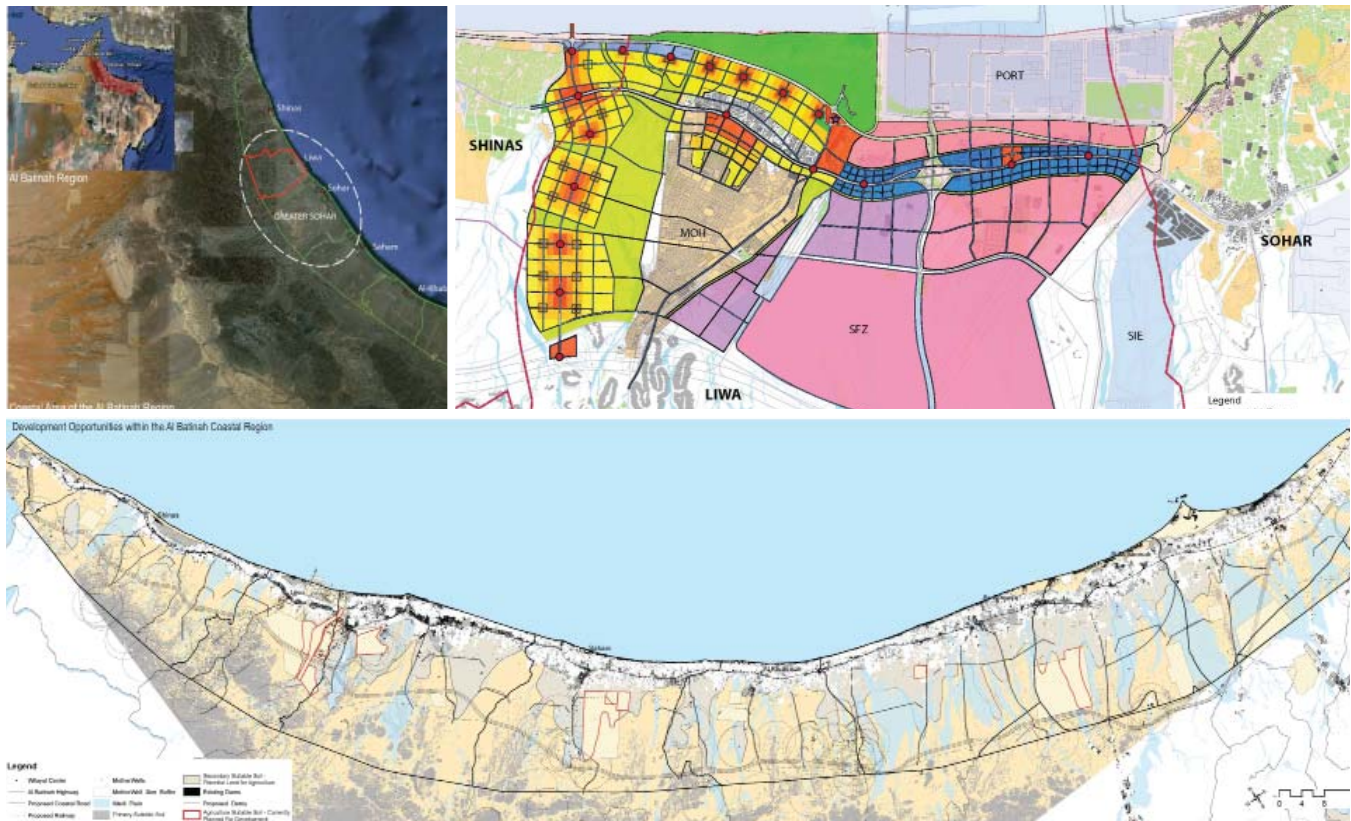
The City required flexibility on the placement of functions given the various market changes. Our team developed a strong open space, access and circulation, infrastructure and transportation plan around districts that could provide a variety of uses depending upon developer interest.

The waterfront was designed as a new ecological and identity for the CBD. It included a variety of districts and mixed-use functions, all centered around key open spaces that contained many of the city's cultural facilities. Sea-level was accommodated through a series of terraces that allowed access to the water, could be adapted and transformed as sea level rises during the next 50 years, but kept developed at a high water line.

QINGDAO MASTER PLAN INTERNATIONAL COMPETITION /



AL BATINAH REGIONAL PLAN + CITY OF LIWA MASTER PLAN



CLIENT Sultanate of Oman

LOCATION Oman

COMPLETION DATE 2011

CONSTRUCTION COST Confidential

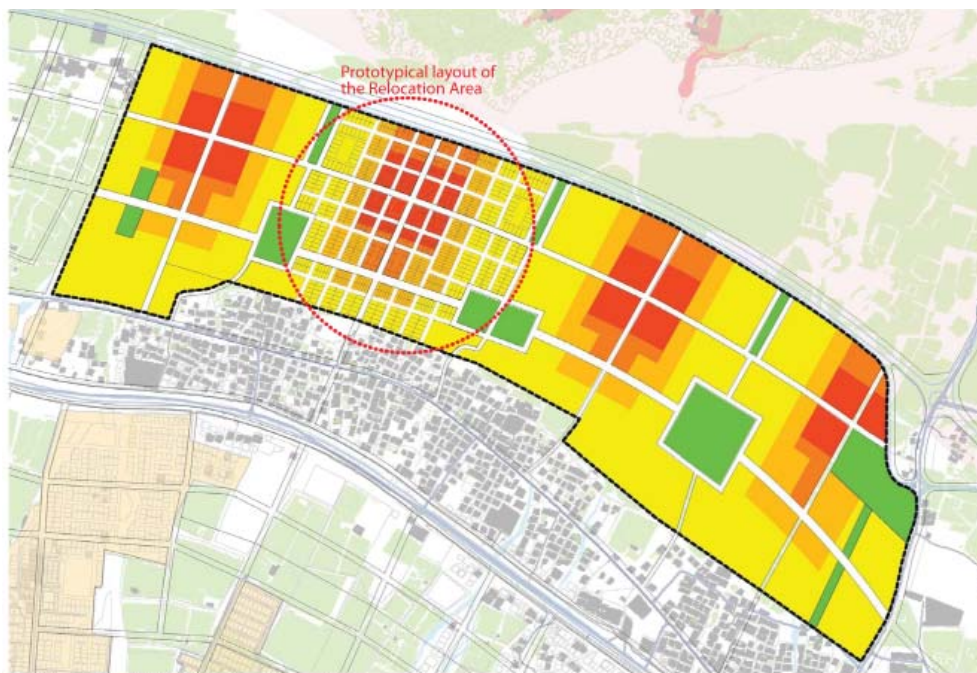
SIZE

- 300 km of Al Batinah coastal area
- 14,286 acres / 6,000 hectares of city master plan

Perkins+Will was selected as a part of a larger team of engineers for planning and designing the regional area of Al-Batinah in Oman, as well providing a sustainable master plan for the City of Sohar. This region plays an important role in the Omani economy as a commercial outlet and major industrial center, including the Greater Sohar Port and Industrial area. Perkins+Will's task will be help transition from a series of small villages to a larger urbanized region. The Perkins+Will team will help balance urban expansions and valuable agricultural land for farming.

It is anticipated that the region will add an additional 1 to 4 million people over the next 30 years. Detailed planning studies currently underway are to identify a key planning framework for future socio-economic development in this coastal region, help to diversify the economy, identify future infrastructure requirements, provide detailed land uses that are coordinated and harmonious with the existing context, and provide a comprehensive sustainable growth management strategy for the area.

Built Form Guidelines



Land Use Detail of Relocation Area - Option 2



CHIVA NEW TOWN MASTER PLAN



LOCATION Valencia, Spain

COMPLETION DATE 2030

SIZE +/-1,800 hectares / (4,500 acres)

A modern vision for the Spanish countryside guided by central green spaces, public spaces, and sustainable strategies for development.

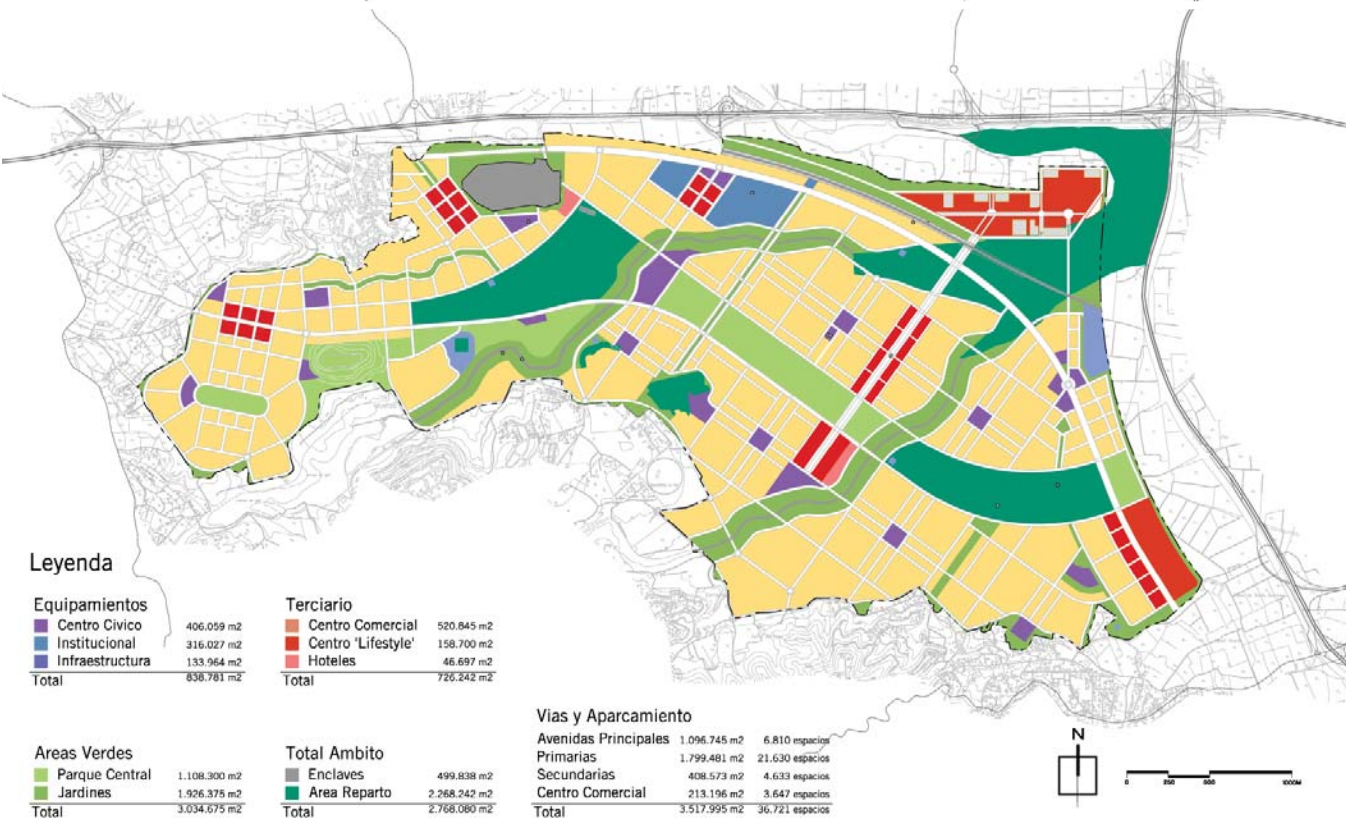
The Chiva New Town project is located on approximately 1,800 hectares of agricultural land 30 kilometers west of Valencia. The site is strategically positioned adjacent to the intersection of two of the country's major highways and a high-speed train. Upon completion, Chiva will be equivalent to the fifth largest city in Spain, housing an anticipated 165,000 residents.

The project's focus was to develop a visionary master plan that could serve as a model for new development for centuries to come. A dense

retail-focused Town Center that is visible from the highways connects to the residential areas by a lively mixed-use spine. The required civic, commercial and residential uses that make up an active, viable planned community are distributed throughout the city.

The signature of the new town is a central 'green lung' (+/- 1,000 hectares) made up of two 18-hole golf courses, a large program-rich central park and other active/passive recreational parks and green spaces. The parks provide amenities for a modern city while honoring the history of the place and its ancient orange groves. Setting off the developed parks are two large natural greenbelts which divide the city into six distinct districts. Each district has been designed with its own identity, and contains four to six neighborhoods. Civic and community centers provide a heart for each neighborhood.

CHIVA NEW TOWN MASTER PLAN /



TRANSFORMED PLACES

The Atlanta BeltLine

Edmonton City Centre Airport Lands Redevelopment

Panama Pacifico Site Development Plans + Guidelines

Dockside Green

Treasure Island Development Concept Plan

Mission Rock — Seawall Lot 337

Mission Bay Design For Development

Panama Entertainment District

Puerto Rico Capitol District Master Plan

Greenville Master Plan

NOIDA Special Economic Zone Township

Sunset Boulevard + Civic Center Urban Design Plan

City of Vancouver Viaducts

The Yards Southeast Federal Center

Poplar Point Target Area Plan Anacostia Waterfront Initiative

ATLANTA BELTLINE

URBAN DESIGN STRATEGIC PLAN



LOCATION Atlanta, Georgia

COMPLETION DATE 2030

SIZE 6000+ acres / 2428+ hectares

The Atlanta BeltLine is an infrastructure framework around which the urban core of Atlanta will grow by as many as 100,000 people. Currently a circle of underutilized railroads, it is being transformed into a 22-mile transit greenway including light-rail transit, multi-use paths and linear parks that will engage 45 historic communities, 700 acres of existing parks and over 4,000 acres of underutilized urban land.

This visionary project was conceived by Ryan Gravel as his graduate thesis project in 1999, and is now a \$2.8 billion initiative in the early stages of implementation. During this time, both Ryan Gravel and David Green have engaged individually in numerous BeltLine-related community plans, master plans and redevelopment projects that account for thousands of housing units and hundreds of thousands of square feet of office and retail space, including the adaptive reuse of dozens of obsolete industrial

buildings. This work culminated in the Beltline Street Framework Plan, produced in conjunction with student teams at Georgia Tech, to ensure the creation of true walking districts along the BeltLine through the projection of new streets across the large industrial tracts envisioned for redevelopment.

Now at Perkins+Will, work on the BeltLine continues at all levels, from community plans for Piedmont Heights and Chosewood Park, to urban design services in Atlanta's economically depressed west side, to specific site investigations. Our signature effort to date is the Atlanta BeltLine Corridor Design, which will establish the core physical relationships between transit, trail and access points, while also embedding supportive strategies like public art, lighting and signage, and ensuring the grand vision is sustainable, efficient and affordable to build and operate.

ATLANTA BELTLINE URBAN DESIGN STRATEGIC PLAN



EDMONTON CITY CENTRE AIRPORT LANDS REDEVELOPMENT



CLIENT City of Edmonton

LOCATION Edmonton, Alberta, Canada

COMPLETION DATE Ongoing

CONSTRUCTION COST n/a

SIZE 534 acres / 215 hectares

The Edmonton's City Centre Redevelopment creates a sustainable community focused on providing strong and prosperous connections.

The winner in an international design competition, Perkins+Will's master plan for the redevelopment of Edmonton's airport lands repairs a 215-hectare rift in the city's urban fabric and creates a truly memorable place for Edmontonians. The plan—called 'Connectivity'—creates a world-class sustainable community for 30,000 residents and pursues four strands of connectedness, each embodying key sustainability principles.

Cultural Sustainability: Connecting to Site History—Embedding the site's past in its future, the plan repurposes historical airport features as new community amenities and reuses runways as organizing elements.

Ecological Sustainability: Connecting to Nature—Preserving more than half the land as green space, the plan includes a destination park that acts as a regional draw; neighbourhood-scaled open spaces at the park perimeter extend into the city to knit together

now-disparate communities.

Social Sustainability: Connecting Communities—The plan extends the surrounding pattern of streets through new neighbourhoods to connect future and current residents. A new LRT line will connect the site to more distant neighbourhoods and provide easy access to downtown.

Economic Sustainability: Connecting to Growth Catalysts—The proposal fosters economic vitality, not only by creating a deeply mixed-use community, but by connecting to the growth potential of four major existing catalysts: a planned LRT line; the Northern Alberta Institute of Technology; a new rehabilitation hospital; and Kingsway Gardens Mall, a vibrant retail area that will extend into the site's new Town Centre.

Finally, an innovative energy strategy reduces carbon emissions from the community by 3.2 million tonnes over 20 years. Energy produced through biomass and deep geothermal sources will create enough electricity to fully meet the development's needs. Surplus energy will be sold to public buildings in the area, resulting in a 'beyond carbon neutral' community.



PANAMA PACIFICO

SITE DEVELOPMENT PLANS + GUIDELINES



CLIENT London + Regional Panama

LOCATION Former Howard Air Force Base, Panama

COMPLETION DATE Through 2035

CONSTRUCTION COST n/a

SIZE 386 hectares

AWARDS

AIA San Francisco, Citation Award in Urban Design, 2010

Three central districts of Panamá Pacífico — Town Center, Southern Hills, and Beacon Hill — will serve as the signature plan for the new community as a whole. The daily life of this living, working destination will revolve around its retail mixed-use and employment center; its varied, attractive residential areas; and its system of neighborhoods connected to trails, paths, and recreation. Its road system, handling regional access while favoring an independent network of landscaped streets, will link all districts with signature parks, greenways, and the forest edges within a few minutes walk for every resident, visitor, or employee.

The design arises from the setting of the site and uses regional landmarks to generate the pattern and experience of its urban life. Once completed, the central districts will have 15,000 dwelling units, 350,000 sqm of commercial/retail uses, and almost 400,00 sqm of parks and open space. Construction of the infrastructure and first vertical development began in 2009.

PANAMA PACIFICO SITE DEVELOPMENT PLANS + GUIDELINES /



DOCKSIDE GREEN



CLIENT Windmill Developments,
VanCity Enterprises

LOCATION Victoria, British Columbia

COMPLETION DATE 2005 (Master Plan);
2008 (Phase 1); 2009 (Phase 2); 2009
(Phase CI1)

CONSTRUCTION COST n/a

SIZE 14.9 acres / 6 hectares

Square Footage: 1.3 million

LEED-ND and LEED-NC Platinum Certified

SELECTED AWARDS

Special Jury Award, 2009

Architectural Institute of British Columbia

Top Ten Green Projects, 2009

AIA Committee on the Environment (COTE)

Excellence in Urban Sustainability, 2008

GLOBE Awards for Environmental

Excellence

Dockside Green, the largest development in Victoria, British Columbia's history, involves the reclamation and redevelopment of 15 acres of formerly industrial waterfront property. Dockside includes 1.3 million square feet of commercial, residential, live/work, work/live and light-industrial uses. With a LEED Platinum target for each building on site, this project is a global showcase for large-scale integrated sustainable development. In 2009, Dockside was awarded LEED for Neighborhood Development Platinum, making it one of a handful of projects worldwide that have received this certification. In addition to the master plan, we have completed several phases of Dockside, including Phase 1: Synergy, the highest-scoring LEED Platinum Certified project in the world at the time of certification; Phase 2: Balance, also LEED Platinum Certified; and Phase CI1: Inspiration, which earned the highest LEED score for a Core and Shell building.

The site is oriented around a greenway running parallel to the coast with a village plaza providing a focal point at the western edge of the development. Mixed-use residential towers to the west reach up to ten storeys while the majority of development is three to seven storeys tall. Waste resulting from one use will provide the nutrients for other uses. From the project's inception our team recognized the unique opportunity the development represented, working with all stakeholder groups to create an exciting new community. The team's vision was a Dockside neighborhood that creates economic opportunities while promoting environmental responsibility and healthy, vigorous and dynamic urban living. As a result, the Dockside Green Development was selected as a model "Climate Positive Development" by the Clinton Climate Initiative, setting a compelling environmental and economic example for cities to follow.

DOCKSIDE GREEN /



TREASURE ISLAND DEVELOPMENT CONCEPT PLAN



LOCATION San Francisco, California

COMPLETION DATE Ongoing

CONSTRUCTION COST n/a

SIZE

- 270,000 square feet retail
- 325,000 square feet adaptive reuse
- 135,000 square feet institutional
- 6,000 residential units
- 300–370 bedroom hotel
- 120 timeshare units

AWARDS

APA Northern California, Innovation in Green Community Planning Award, 2012

AIA National, Urban Design Honor Award, 2009

AIA California Council, Urban Design Merit Award, 2008

Perkins+Will Biennale, Merit Award, 2012

Our team is developing the detailed prototypes, test-fit analyses and design for development guidelines that will assure a development-ready plan to guide all site and building design on the island over the next 10-20 years. Within the development team this involves extensive prototype studies to assure that the yield of diverse housing units and commercial mixed use settings will meet or exceed both plan and market expectations.

This work involves a collaborative planning/urban design and architectural team, extensive client participation, and engaged public discussion.

On the drawing boards are a number of studies for the location and form of residential and hotel development including the potential to establish a dramatic and inviting new skyline for this landmark site in San Francisco Bay. Building forms that frame extensive public waterfront space, slim residential towers with 360 degree views to the Bay, and designs that concentrate densities around ferry/transit locations are the centerpiece of a sustainable strategy.

TREASURE ISLAND DEVELOPMENT CONCEPT PLAN /



MISSION ROCK SEAWALL LOT 337



CLIENT San Francisco Giants and the Cordish Company

LOCATION San Francisco, California

COMPLETION DATE Ongoing

CONSTRUCTION COST \$1 billion

SIZE 16 acres

AWARDS

AIA California Council, Urban Design Merit Award, 2011

AIA San Francisco, Urban Design Merit Award, 2010

Perkins+Will is teamed with the San Francisco Giants and The Cordish Company to create an entirely new dynamic, celebrated public destination directly across Mission Creek from Giants Stadium.

The team's proposal for a dense, lively, mixed-use district includes 875 residential units, 1,000,000 GSF of office, retail, and entertainment, open space, and parking. The Mission Rock District will contain both local and national retail, dining and entertainment venues. It will place a special emphasis on local food retailers and restaurants.

Located adjacent to a new light rail line and surrounded by new and emerging transit-oriented neighborhoods, including the UCSF Mission Bay Campus, the Perkins+Will design includes a 5-acre park with a shoreline walkway and great lawn that can function as a major outdoor amphitheatre, and a one-acre neighborhood park located within the heart of the development. A refurbished historic pier will host special events, cultural exhibitions, and trade shows, with a contiguous open space extending from the park and wrapping around the pier apron.

MISSION ROCK SEAWALL LOT 337 /



MISSION BAY DESIGN FOR DEVELOPMENT



CLIENT Catellus Development Corporation

LOCATION San Francisco, California

COMPLETION DATE Ongoing

CONSTRUCTION COST Confidential

SIZE 300 acres / 121 hectares

Mission Bay is a swiftly maturing new neighborhood with 6,000 new residential units and 30,000 new workers who are changing the face of this waterfront industrial district.

The plan our team produced to bring this 300-acre neighborhood to life, accepted and exceeded the high expectations for a vital urban neighborhood with firm commitments to affordable housing phased along with market rate units and just a 10 minute trolley ride away from the heart of San Francisco's financial district.

In April 1997, we were asked by Catellus Development Corporation to play a leadership role for a team of architects, landscape architects, and engineers that would assist Catellus through the maze of public meetings and public expectations. With planning and urban design responsibilities, our team structured a series of public workshops aimed at developing design guidelines for the next 20 to 25 years of development. As a redevelopment area, Mission Bay required a full array of standards, guidelines, and development agreements; a totally new infrastructure; and an extensive public open space network.



PANAMA ENTERTAINMENT DISTRICT



CLIENT Odebrecht Construction
LOCATION Panama City, Panama
COMPLETION DATE 2010
CONSTRUCTION COST n/a
SIZE 310 acres / 125 hectares

Five interconnected mixed-use districts on the Panama Canal and a wide “ribbon park” weave cultural activity and greenspace into the city.

Located at the southern gateway to the Panama Canal, this 310 acre site is an underutilized area at the southern edge of the densely populated Panama City. Our master plan creates a mixed-use entertainment district of retail, hotel, residential, and cultural elements anchored by the Frank Gehry Museum of Biodiversity. In addition, the project would complete the Cinta Costera, a

developing waterfront parkway that connects downtown Panama City with the Via Panamericana.

The master plan proposes a development framework of five interconnected districts. However, the focal point of the plan is a 200 meter-wide waterfront greenway. This green “ribbon park” would provide significant public open space to residents and visitors, along with opportunities to weave in cultural attractions. Meanwhile, a pedestrian spine connects the proposed convention center to the waterfront greenway, creating a dynamic retail corridor of shops and restaurants, against the backdrop of historic preservation.

PANAMA ENTERTAINMENT DISTRICT /



GREENSPACES



WATER FLOW + INFILTRATION



ZONING



STREET TYPES



MAJOR PEDESTRIAN CIRCULATION



GATHERING SPACES

PUERTO RICO CAPITOL DISTRICT MASTER PLAN



CLIENT Superintendent of the Capitol

LOCATION San Juan, Puerto Rico

COMPLETION DATE 2012

SIZE 80 acres / 32 hectares

AWARDS

Award of Excellence, 2012

Georgia ASLA

Honor Award, 2012

AIA-Georgia

This master plan organizes the Capitol District for the first time, setting the stage for the nation's most important cultural and political events.

The Vision Plan will guide the transformation of the Puerto Rico Capitol District into a mixed-use government district with a successful tourism component. Like the 1901 McMillan Plan that created the National Mall, the Vision Plan will ensure that the historic Capitolio and its District will be a popular destination and a source of pride of generations of Puerto Ricans to come.

This plan reorganizes the public realm along the two main axes of the Capitolio building. A new pedestrian mall, which extends from the Capitolio steps to the San Juan Bay creates much-needed open space for formal and informal gatherings. The Paseo de Covadonga, a parallel street below Ponce de León Avenue, is returned to its original function of a Paseo, or a pedestrian promenade, to strengthen the east-west axis within the District.

The Vision Plan and Design Standards will establish a cohesive, connected district that optimizes land resources and historic assets while linking the District to other major initiatives in San Juan.

PUERTO RICO CAPITOL DISTRICT MASTER PLAN /



GREENVILLE MASTER PLAN



CLIENT BI Group

LOCATION Astana, Kazakhstan

COMPLETION DATE 2008

CONSTRUCTION COST Confidential

SIZE 520 hectares

This 520-hectare site in Kazakhstan's new capital city is prominently located between Astana's major road, Kabanbai Batyr Avenue, and a canal leading to the Ishim River. The Perkins+Will* Master Plan includes a diverse mix: 16-story apartment towers, 1000-square-meter cottage villas, a 50,000+ square meter shopping center, 8 schools, and 16 kindergartens. A greenway unifies this diverse mix, acting as a connective loop that weaves the site together. The greenway's character changes as it maneuvers through the site, at times functioning as a linear park and at times widening to become a destination park or neighborhood open space. With connections to adjacent parks and canals, the greenway also operates as a sustainable stormwater runoff system for the entire site. All the schools and other community facilities are sited as extensions of the greenway system and every neighborhood has a

walkable connection to the main loop. The plan locates the tallest buildings along the primary axial streets, while the density decreases toward the greenway loop. Ground floor retail faces the primary streets, with residential units above, and parking both underground and in garages.

GREENVILLE MASTER PLAN



NOIDA SPECIAL ECONOMIC ZONE TOWNSHIP



CLIENT BPTP Limited
LOCATION Delhi, India
COMPLETION DATE 2008
CONSTRUCTION COST \$401,500
SIZE 100 acres

This SEZ is a 100-acre site designed as a vital, sustainable, mixed-use and integrated township with 8 million gsf of office, retail and residential uses. The Master Plan is an incremental and flexible development strategy that can respond to the different tenant requirements. Much of the public realm is laid out in the first phase so potential tenants can visualize its value and their building in relation.

The Master Plan also lays out a strategy for how, after the SEZ status ceases, the different parts of the site can become more connected to the community and to each other. This will allow for a more integrated township model, flexibility of use and access, and ultimately a healthier value for the buildings, site, and neighborhood.

NOIDA SPECIAL ECONOMIC ZONE TOWNSHIP



SUNSET BOULEVARD AND CIVIC CENTER DESIGN PLAN



CLIENT Community Redevelopment Agency of the City of Los Angeles (CRA/LA)

LOCATION Los Angeles, California

COMPLETION DATE Ongoing

CONSTRUCTION COST n/a

SIZE 50 blocks

Perkins+Will is working with CRA/LA on an urban design plan for Sunset Boulevard and Civic Center in the Hollywood Redevelopment Project Area of Los Angeles. Hollywood, the center of the motion picture industry, has evolved from an outlying residential community into a dense urban center. Sunset Boulevard is a key commercial spine running through Hollywood, with a rich mix of low- and high-rise buildings.

The new urban design plan promotes context-sensitive, sustainable planning that benefits neighborhoods, promotes preservation and open space, establishes the neighborhood's identity, and embodies the community's vision for the area by offering clear guidelines and development standards to developers, landowners and the City for future

development of this commercial corridor and Civic Center. This new vision for Hollywood is an effort to build on the momentum, guide development towards continued positive transformation, and seize the opportunity to give Hollywood a greater prominence in the map of international destinations. .

SUNSET BOULEVARD AND CIVIC CENTER DESIGN PLAN/



VANCOUVER VIADUCTS STUDY



CLIENT City of Vancouver

LOCATION Vancouver, BC

COMPLETION DATE February 2012

CONSTRUCTION COST Confidential

SIZE 74 acres / 30 hectares

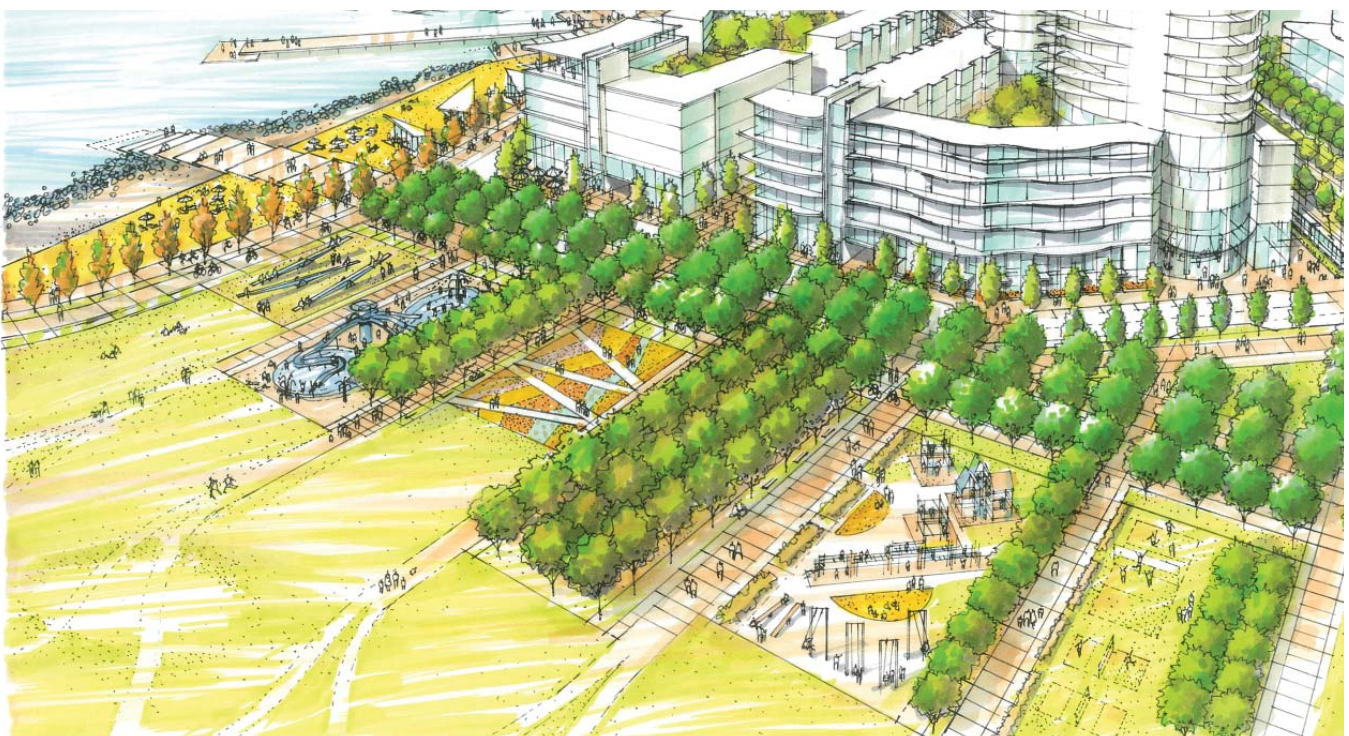
Built in downtown Vancouver in the 1970s, the Georgia and Dunsmuir Viaducts formed the first phase of an urban freeway system that was later abandoned due to community opposition. Today, the aging Viaducts are costly to maintain and create a gap in the urban fabric, acting as a barrier between historic neighbourhoods. Connected to an urban street network, they operate at less than half of their designed capacity, while the valuable land located beside and beneath them is underutilized.

In October 2011, Perkins+Will was commissioned by the City of Vancouver to explore reconfiguration options for the Viaducts, within the context of long-term land use and transportation plans, as well as other initiatives like Greenest City 2020. In conjunction with City-led community outreach and an international ideas competition, Perkins+Will led a team of experts—transportation analysts, landscape architects, structural engineers, development economists—in the analysis of several options

that ranged from full retention to complete removal of the Viaducts, with Perkins+Will developing five concepts for the area.

Chosen unanimously as the preferred option and currently undergoing a public consultation process, the resulting plan is based on a reconfigured street network, accelerates the timeline for removal of both Viaducts, and creates a 'Great Street' with space for a future streetcar. Inspired by New York City's High Line, a remnant of the Dunsmuir Viaduct is retained as an elevated public plaza. A 10-hectare waterfront park includes richly programmed park spaces to reflect the city's diverse population. In addition to a 'bike bridge' that improves downtown cycling connections, a major pedestrian/cycling spine connects historic neighbourhoods to the water. The inclusion of commercial frontage along Main Street restores the previously damaged urban fabric, while providing 80,000 sm of development potential and affordable housing opportunities.

VANCOUVER VIADUCTS STUDY /



THE YARDS SOUTHEAST FEDERAL CENTER



CLIENT Forest City Washington / U.S. General Services Administration

LOCATION City, State

COMPLETION DATE 2008

CONSTRUCTION COST Confidential

SIZE 42 acres / 20 hectares

LEED LEED ND Pilot Program

This decommissioned portion of the Washington Naval Yards is part of a larger effort to transform blighted areas along the Anacostia River waterfront into vibrant neighborhoods. The GSA selected our team based on the strength of our vision for revitalizing and adaptively reusing the historic site as a new neighborhood and destination.

The SEFC is already served by Washington's Metro system and plans call for a new waterfront light-rail line and a 20-mile riverfront recreational trail. Our design envisions the restoration and conversion of historic buildings into housing; the creation of arts and community facilities; the development of up to eight new commercial buildings housing offices, retail, and entertainment

complexes; and construction of a new 5.5-acre waterfront park. The park, which opened in the summer of 2010, has, for the first time, created a public connection between the surrounding communities and the riverfront.

The project is notable as a public-private partnership, where investment, legislative power, and an increasing population have made it possible for development to take root in a once barren and industrial area.

THE YARDS SOUTHEAST FEDERAL CENTER /



POPLAR POINT TARGET AREA PLAN

ANACOSTIA WATERFRONT INITIATIVE



CLIENT Anacostia Waterfront Initiative

LOCATION Washington D.C

COMPLETION DATE 2003

CONSTRUCTION COST n/a

SIZE 130 acres / 53 hectares

AWARDS

Regional and Honor Awards, 2005
AIA

Outstanding Planning Award for a Plan,
2005, APA

In 2003, the Anacostia Waterfront Initiative identified Poplar Point, a 130-acre area on the Anacostia River as a key redevelopment site in the overall riverfront revitalization framework. Our team created the design vision and development program for Forest City Washington's response to the District's call for a Public/Private Partnership. Our design envisions a new mixed-use neighborhood and a 70-acre park which creates development value while aligning with the Anacostia Waterfront Initiative's design principles. The plan includes 0.6 million SQM (6.3 million SF) of development comprised of 4,100 residential units, 0.1 million SQM (1.2 million SF) of office, 43,200 SQM (465,000 SF) of retail, and two 300-room

hotels, all within easy access to a Metro station.

A key challenge posed by the client was that most residential units front on a park, river, wetland, or brownstone street. Our concept extends three water-oriented "finger" parks from the river into the site which interlock with three "piers" of mixed-use development. The fingers and piers form a new central park that integrates with the Anacostia watershed and bring existing surrounding neighborhoods to the river. At the heart of the new neighborhood is an active, mixed-use pier. Projecting over the water, a dramatic environmental/cultural facility establishes an iconic dialogue and connection between both sides.

POPLAR POINT TARGET AREA PLAN /



CAMPUSES

NYU Plans 2031

Harvard Futures - Scenarios for Growth

FIU Academic Health Sciences Center Master Plan

King Abdullah University of Science and Technology

UCSF Long Range Development Plan

CUNY Open Space Design and Facilities

NEW YORK UNIVERSITY

NYU PLANS 2031



LOCATION New York, New York
COMPLETION DATE 2008
CONSTRUCTION COST Confidential
SIZE 6,000,000 GSF

New York University has decisively transformed itself in less than two decades from a regional school into one of the most sought-after universities in the world. NYU's Strategic Planning Initiative, "NYU Plans 2031," ensures a blueprint for available growth opportunities to advance its academic mission with a vision toward its 200th anniversary in 2031.

In leading this intensive, comprehensive urban design and strategic planning effort to accommodate NYU's growth, our team addressed the expansion of programs; the development of new regional campuses around the world; and the campus' physical growth, which is centered around NYU's existing facilities in the

Washington Square and Union Square neighborhoods, yet dispersed throughout New York City.

The Plan establishes locations and strategies to meet this growth in a unified manner, with the following goals: ensure that NYU has the appropriate infrastructure and facilities to maintain its academic excellence well into the future; create a roadmap for NYU so that it can better plan for its future needs; provide neighbors with a level of predictability and transparency about the university's projects; and improve NYU's presence to better reflect being "in and of the City."



HARVARD FUTURES

SCENARIOS FOR GROWTH



LOCATION Cambridge, Massachusetts

COMPLETION DATE 2003

CONSTRUCTION COST Confidential

SIZE 500 acres

Since limited potential to meet its needs for growth remains in Cambridge, Harvard must expand across the Charles River to Allston. The key challenge for Harvard will be to invest in an integrated campus in Allston with the qualities of urbanity and vitality that now exist in Cambridge.

Our team's tasks included: an analysis of physical resources including land and infrastructure systems; a compilation of programmatic growth needs; a methodology to match program needs with available physical resources; the design of three potential land strategies for future expansion; and critical steps for implementation.

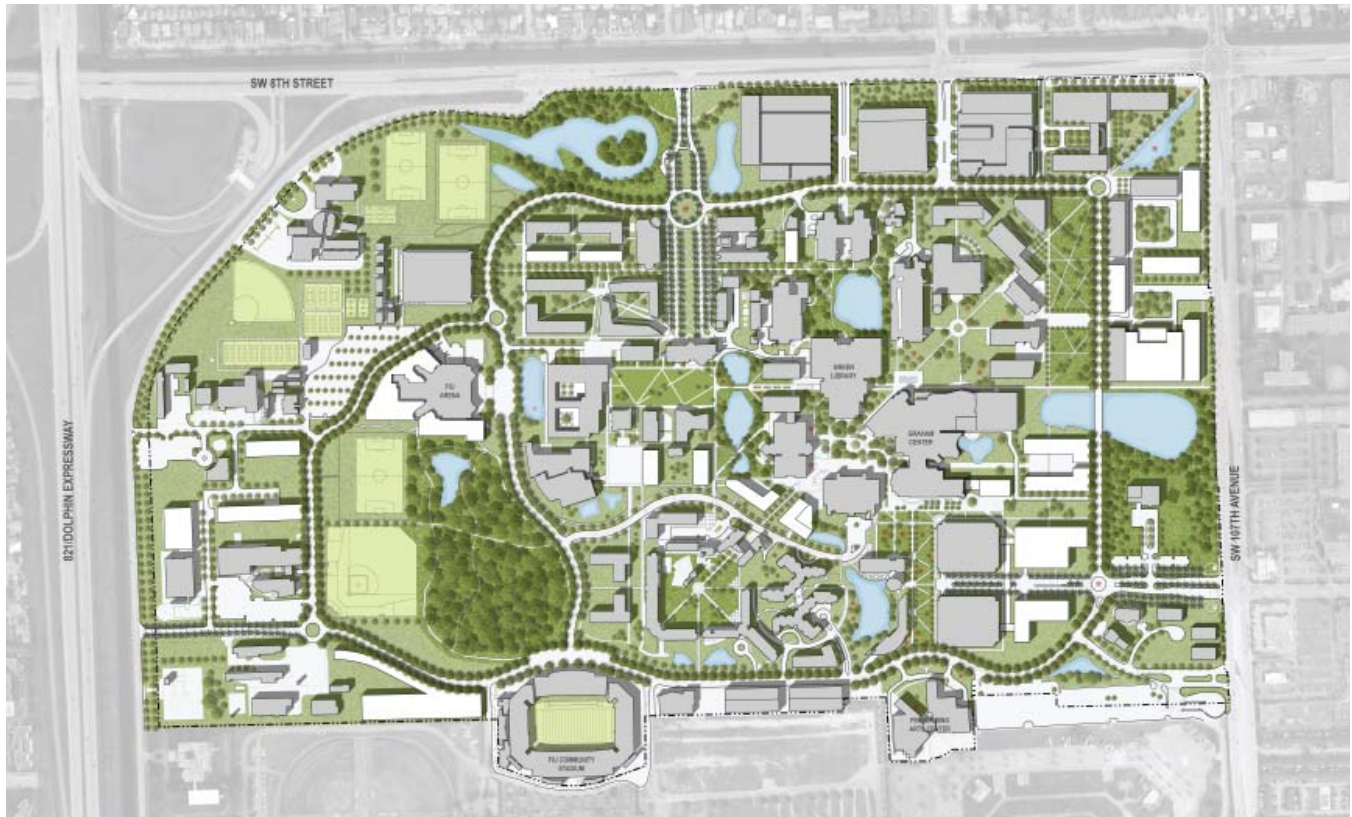
Final recommendations prepare the university for campus and city building as it continues to consider its future academic and geographic growth. Long-term strategies include development of the River's edge, creation of new open space, and improvements in campus connectivity. Immediate actions include investments in transportation and infrastructure, preparation of key sites and buildings for new and relocated uses, and early actions to obtain regulatory approval and community support for near and long-term plans.

HARVARD FUTURES - SCENARIOS FOR GROWTH /



FLORIDA INTERNATIONAL UNIVERSITY

CAMPUS MASTER PLAN



LOCATION Miami, Florida
COMPLETION DATE 2011
SIZE 545 acres /220 hectares

AWARDS

2011, Honor Award, Florida ASLA

It takes more than school spirit to knit together the modern urban university.

Florida International University has three distinctly different campuses varying in size, program and surrounding fabric. Our team led the university-wide master plan update by creating an interdisciplinary and vision-driven process based on FIU's Strategic Plan. The master plan addressed academic and student life programs, urban design, future land use, environmental conservation, student housing, and service facility needs, as well as landscape and architectural guidelines.

Defined by its lush South Florida settings, FIU's final master plan reinforces FIU's identity through the articulation of landmarks, precincts, edges, buildings, and open spaces. While developing a more compact urban campus, the plan also establishes better integration with neighboring communities and safe connections for pedestrians. Meanwhile, mixing uses such as academic, retail, student services, and housing creates an environment that fosters community and interdisciplinary learning—key ingredients for innovation and growth.

FLORIDA INTERNATIONAL UNIVERSITY CAMPUS MASTER PLAN /



KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY (KAUST) SCIENCE TOWN MASTER PLAN



LOCATION Jeddah, Saudi Arabia

COMPLETION DATE 2010

SIZE 790 acres / 320 hectares

AWARDS

Emerging Research and Science Park,
2012, Association of University Research
Parks (AURP)

Honor Award, 2011
ASLA Georgia

Our Science Town concept has shifted the paradigm for the design of research centers, which are critical building blocks for tomorrow's global economy.

To attract and retain world-class projects and talent, the research parks of the future must offer an attractive setting to live, work, linger and collaborate. Rather than the traditional research park model, in which big box facilities are buffered by parking lots and greenspace, we envisioned the

King Abdullah University of Science and Technology (KAUST) Science Town as a sustainable, urban community. This master plan creates a research hub that integrates science, business and academics into a unified city with housing and amenities.

The plan will guide the creation of a complete city growing from unimproved land, including all construction and urban systems. Among the plan's recommendations are four principle elements that serve as a framework for all other recommendations: a gridded street pattern, intra-block connectivity, a shaded pedestrian spine, and mixed-use development program distributed throughout the site.



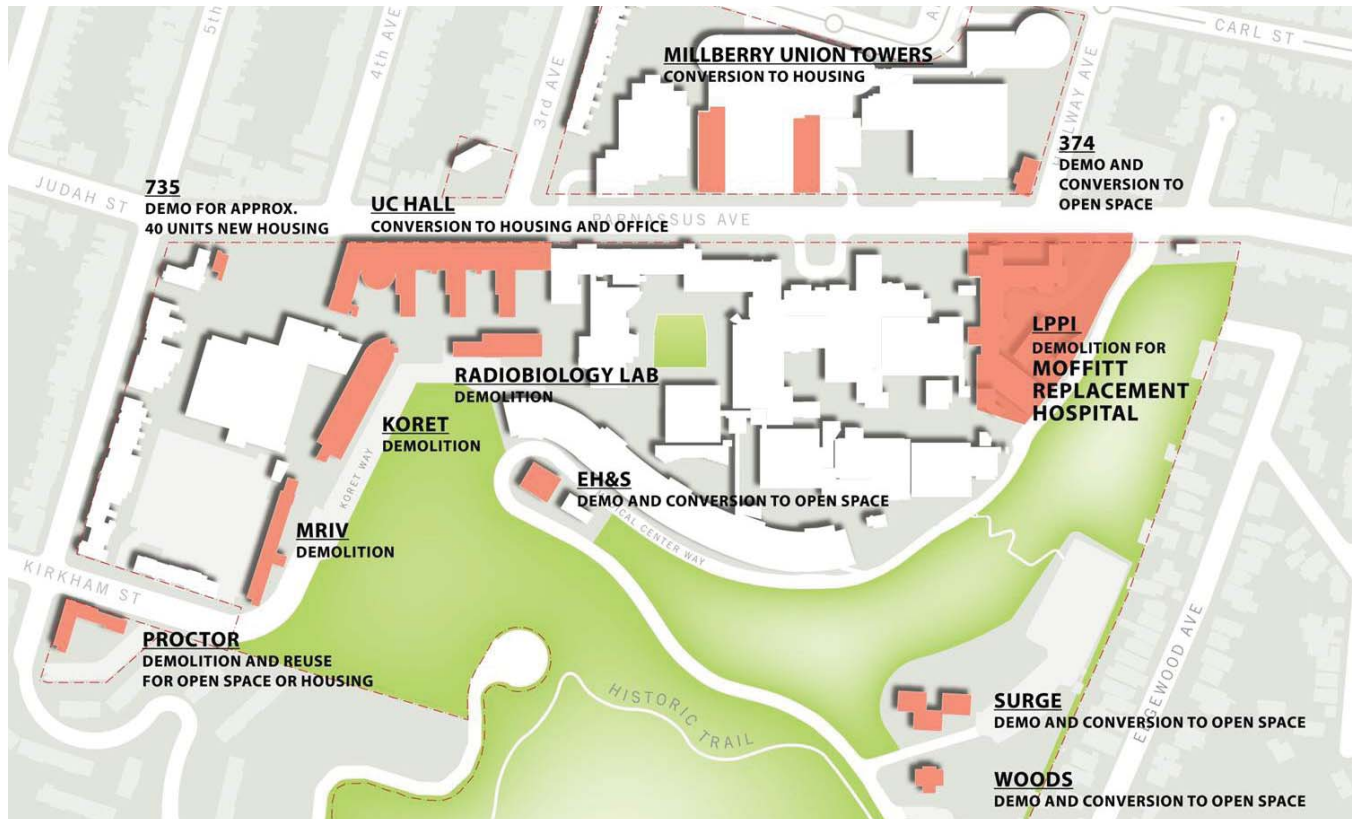
KAUST University Components

- 01 University Campus
- 02 University Expansion
- 03 Innovation Cluster
- 04 Coastal + Marine Resources Core Lab
- 05 Town Center
- 06 Island Neighborhood
- 07 Golf Course Neighborhood
- 08 Golf Course
- 09 Golf Course Expansion
- 10 Stadium
- 11 Technology Experimentation Zone
- 12 Greenbelt
- 13 Central Park
- 14 Research Souk
- 15 Waterfront
- 16 Central Services
- 17 University Entry
- 18 Science Town Entry



UCSF LONG RANGE DEVELOPMENT PLAN

PHYSICAL OPTIONS STUDY



CLIENT University of California, San Francisco

LOCATION San Francisco, California

COMPLETION DATE 2013

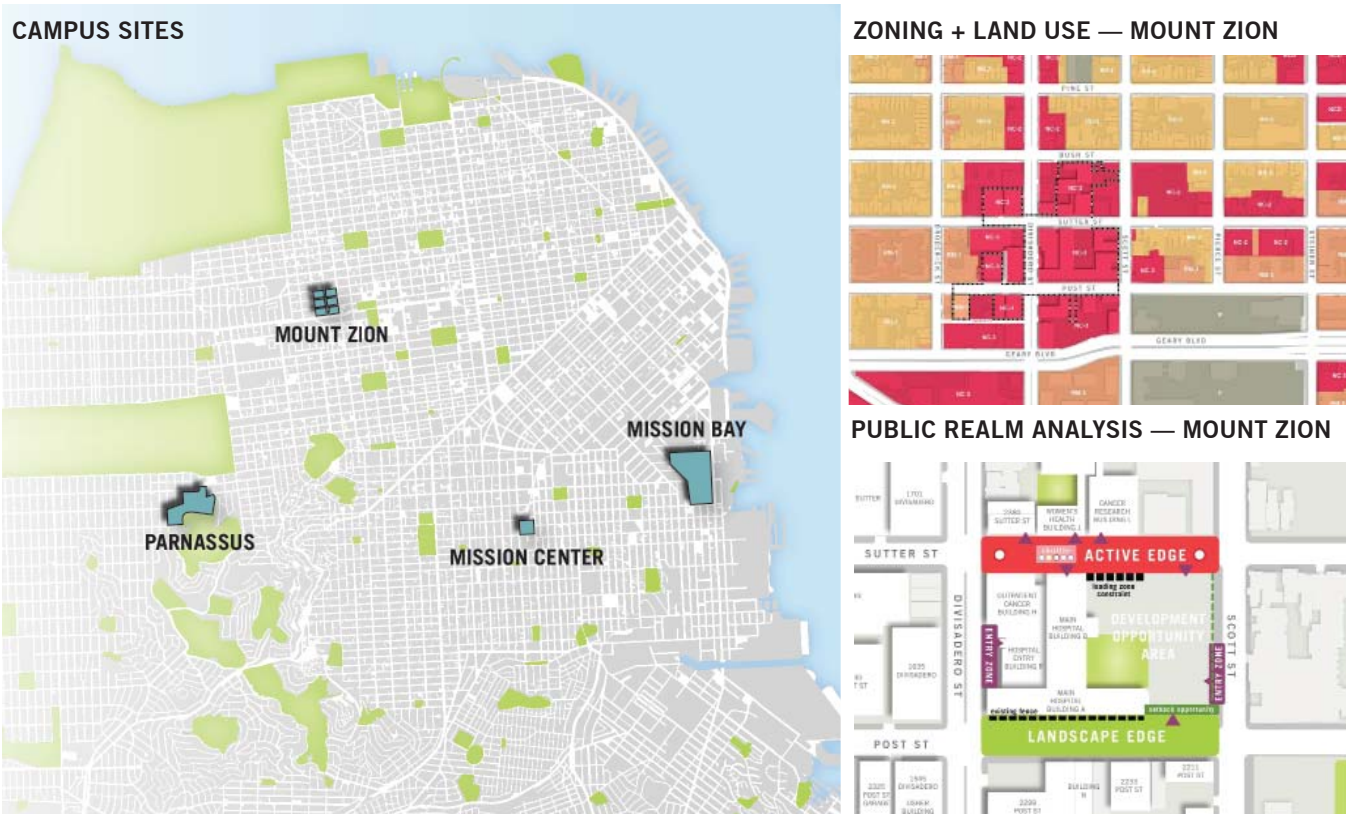
CONSTRUCTION COST N/A

SIZE Four sites: 173 acres
Parnassus Heights: 107 acres
Mission Bay: 57 acres
Mount Zion: 6 acres
Mission Center 3 acres





Perkins+Will is working with the University of California San Francisco on the initiation of a new long-range development plan (LRDP) for UCSF aimed at 2035. This study marks an extraordinary opportunity to make a difference with excellent urban infill in four districts of San Francisco, bringing UCSF campuses and buildings at Parnassus Heights, Mt. Zion, Mission Bay, and Mission Center to a level of quality, clarity and welcome fitting this preeminent health-science institution. Specific improvements and bold system-wide strategies for sustainability will lay the groundwork for long-term design projects for the next 20 years.

The 18-month-long physical options study is focusing on the character and fit of new UCSF development that will allow the right distribution of services (Medical Education, Research, Clinical Care and Community Facilities) to meet a 2035 vision and a much improved experience for users. Physical options studied range from reuse of historic buildings to sensitive infill with new medical center facilities, to consolidation of outpatient services and attention to new public space. In addition, we are examining relationship to surrounding neighborhoods, added housing for students and faculty, and anticipation of flexibility in buildings to meet changing research facility configurations.

UCSF LONG RANGE DEVELOPMENT PLAN PHYSICAL OPTIONS STUDY /



COMPARISON OF PHYSICAL DESIGN OPTIONS — MOUNT ZION

| | | | |
|---|--|--|---|
|  |  |  |  |
| <p>OPTION A1 Compliant with height + bulk, no on-site parking</p> | <p>OPTION A2 Compliant with height + bulk, above-grade parking</p> | <p>OPTION B1 Full program massing, no on- site parking</p> | <p>OPTION B2 Equivalent massing to Opt. B1 including above-grade parking</p> |
| <p>Projected Program 257,300 sf Total New 175,000 sf Difference 82,300 sf</p> | <p>Projected Program 257,300 sf Total New 132,000 sf Difference 125,300 sf</p> | <p>Projected Program 257,300 sf Total New 257,300 sf Difference 0 sf</p> | <p>Projected Program 257,300 sf Total New 213,000 sf Difference 44,300 sf</p> |
| | <p>Parking Garage Area 60,000 sf Spaces (1 space / 325 sf) 185</p> | | <p>Parking Garage Area 60,000 sf Spaces (1 space / 325 sf) 185</p> |

CITY UNIVERSITY OF NEW YORK

OPEN SPACE DESIGN & FACILITIES MASTERPLAN



LOCATION Jamaica, Queens, New York

COMPLETION DATE 2011

SIZE 57 acres

Perkins+Will recently completed a ten year master plan for York College, located in Queens. The master planning effort concentrated on a number of themes. The campus sits near a mix of land uses and mass transit options so special emphasis has been placed on exploring opportunities for enhanced street presence, community connectivity and public/private partnerships. A focus of the open space effort has been to knit the campus back into its surrounding community—a relationship that was severed in the 1970's under urban renewal.

With a large amount of “under-developed” land within its campus, York College desires to improve connections and stacking within existing facilities, maximize land use for new development, improve the quality and variety of outdoor space types, and ensure pedestrian safety and security as its campus grows. Strategies include enhancing

streetscapes by adding boulevards and medians, including distinctive paving at intersections, incorporating “rain garden” planting in lieu of storm sewers, and selecting new sustainable street furnishings that improve image, identity, sense of community and sense of place.

Planning for the first funded project - a new “Academic Village” - melded dining, student gathering, support services, and academic/conferencing spaces. Enterprise Zones for research and teaching partners included facilities to add academic space for nearby FDA and K-12 partners. Additional development strategies address renovations to the out-of-date Academic Core. Community outreach via arts and recreation facilities were a third planning component. Open space complementing these building sites includes redeveloped pedestrian spines and courtyard oases for gathering and study.



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