Improving quality of life

CHICAGO
IT IS HOPELESS FOR THE OCCASIONAL VISITOR TO TRY TO KEEP UP WITH CHICAGO—SHE OUTGROWS HIS PROPHECIES FASTER THAN HE CAN MAKE THEM. SHE IS ALWAYS A NOVELTY; FOR SHE IS NEVER THE CHICAGO YOU SAW WHEN YOU PASSED THROUGH THE LAST TIME.

- MARK TWAIN
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PASSION.
COMMITMENT.
EXPERTISE.

27,000 STAFF WORLDWIDE
Arcadis.
Improving quality of life.
SERVING YOU
Addressing your full life-cycle needs to bring the desired outcomes.

BROAD AND INTEGRATED SERVICES

Architecture Design | Asset Consulting | Business Advisory
Construction Management | Cost Consulting | Design & Engineering
Master Planning/Urban Design | Program Management
Project Management | Risk Management Consulting
Sustainability Consulting
CHICAGO AND ARCADIS

Chicago is at the top of its game—the world’s seventh largest city, a primary driver of the U.S. economy and a leader in education reform, public safety and security, affordable and attractive communities, and social, economic and environmental sustainability.
For more than half a century, Arcadis has promoted Chicago’s competitive advantage, stimulating the local economy and facilitating asset-led transformation through design and regeneration of new and existing assets.

**MAKING HEALTHIER COMMUNITIES**

Provide oversight for the planning, design and construction of complex, world-class healthcare facilities

**DELEVERING ENRICHING INSTITUTIONS**

Reinvigorate neighborhoods through vibrant art, rich culture and modern education

**DEVELOPING SOLUTIONS FOR FUTURE INFRASTRUCTURE**

Upgrade aging infrastructure for improved safety and community experience
Chicago is home to more than 300 Arcadis staff—leaders and volunteers who contribute time and talent to the city’s civic, cultural and educational institutions, and who enjoy its world-renowned amenities and quality of life. We take pride in contributing to Chicago’s strengths and reputation, and have helped the city by...

**FOSTERING RESILIENCY**

Strike a balance between quality of life and modern innovation for a more sustainable future

**SUPPORTING SUSTAINABLE FLAGSHIPS**

Incorporate sustainability into design and construction processes to generate value to the city
Accommodations for first-class technology and increased patient safety makes Chicago’s Lurie Children’s Hospital a top location for pediatric medical care around the world.

At 23 stories, the “World’s Tallest Children’s Hospital” was designed with its patients in mind. Including 288 rooms, diagnostic and treatment space, clinical operations and a rooftop heliport, the construction plan was designed to defer build out of treatment areas until the end of the project, allowing for the installment of the latest medical equipment and technology available. Such development and technological improvements have allowed Lurie’s to serve more than 110,000 clients each year. Arcadis served as program manager, overseeing the design, procurement and construction process as the owner’s representative and helping Lurie Children’s Hospital deliver on its mission.
Central DuPage had a vision: to reinvent the patient experience, from admission through discharge, and attract new patients.

276,000 SQUARE-FOOT PATIENT-CARE PAVILION

2011 HOSPITALITY DESIGN AWARD

CallisonRTKL was commissioned to interpret that vision, providing patients with a healthcare encounter that is based on the service, convenience, and environment of a five-star hotel.

The new bed pavilion was developed specifically to address progressive trends in patient care, where the environment is patient centric rather than staff or physician centric. Each of the 222 private rooms includes a separate family area and a bedside computer that connects to the patient’s TV to share an x-ray image or educational materials.
Arcadis provided owner’s representative as well as master planning and real estate services as part of Northwestern Memorial Hospital’s strategic plan to be ranked among U.S. News & World Report’s Top 10 Academic Medical Centers by 2020.

Projects included the planning and oversight of the Lake Forest Oncology Center & Ambulatory Surgical Treatment Center, Lake Forest Hospital, Grayslake Hospital and various medical offices.

#1 HOSPITAL IN CHICAGO BY BEST HOSPITAL METRO AREA RANKINGS

RANKED NATIONALLY IN 13 ADULT SPECIALTIES

MORE THAN 3 MILLION SQUARE FEET OF MEDICAL SPACE
“Modern Schools Across Chicago” is a $1 billion program to bring new and renovated schools to Chicago communities. All new schools include sustainable design features that qualify for certification under the U.S. Green Building Council’s LEED standards.

As program manager for the Public Building Commission of Chicago, Arcadis employs Design-Build and CM@Risk contracting tools and assists in the planning, design, procurement strategies, construction, and close-out of all projects. Strong program controls resulted in impressive on-time and on-budget performances as well as real-time transparency and reporting for this vital public program.

2011 CMAA PROGRAM MANAGEMENT AWARD

ALTERNATIVE PROJECT DELIVERY APPROACHES

PROGRAM SUPPORTS MINORITY/ WOMEN-OWNED BUSINESSES AND A LOCAL, DIVERSE WORKFORCE
The Art Institute of Chicago’s Modern Wing is dedicated to modern and contemporary collections, housing new galleries, an education center including classrooms and studios, and a café.

Arcadis provided project management services for multiple aspects of the Modern Wing, including a whole-roof shading device and transparent exterior walls that protect and preserve museum art and help to surpass energy code requirements for the building. This project also includes a 650-foot-long bridge that connects the third floor to Millennium Park, one of Chicago’s most renowned attractions, drawing into the city tourists and locals alike.

**LEED SILVER CERTIFIED**

**33% INCREASE IN MUSEUM SPACE**

**DESIGNED BY PRITKER PRIZE-WINNER RENZO PIANO**
DELIVERING ENRICHING INSTITUTIONS

THE UNIVERSITY OF CHICAGO

Delivering the environmental compliance required to successfully develop and maintain the infrastructure that keeps the region moving.

As a leading provider of higher education with a world-renowned academic program, The University of Chicago embarked on an initiative to provide improved facilities.

Arcadis provided development management services during the design, procurement and construction of the capital projects, coordinating the concurrent development of multiple projects through an interactive campus review and communication process to achieve world-class facilities with minimal disruption to research, teaching and student life.

New research, athletic, housing, parking and dining facilities:

Gordon Center for Integrative Science
Gerald Ratner Athletic Center and Parking Structure
Max Palevsky Residential Commons
Bartlett Hall Dining Commons

AWARD-WINNING BUILDINGS

IMPROVED CAMPUS LIFE FOR STUDENTS

NEARLY TWO-MILLION SQUARE-FEET

OVER 87 NOBEL PRIZES
The flagship school for the U.S., GEMS’ Chicago campus creates an exceptional architectural standard, with a sustainable design and unique structure and exterior appearance that sets the school apart from its other high-rise neighbors.

Arcadis provided GEMS with project management services for its Lower and Upper School buildings, a two-phased project which will accommodate 1,600 students in pre-kindergarten through 12th grade. The nine- and 10-story high rise structures will house rooftop play areas, digital studios, gymnasiums and technology such as laboratories and hallway touchscreens that allow for international collaboration with other students.
The National Hellenic Museum houses exhibit spaces, a library, an educational center and administrative offices.

As a beacon of Chicago’s Greektown revival, the museum serves as the cultural core of the Greek-American community and a center for learning and education.

Inspired by the Greek Key, the ancient Greek symbol of unity and infinity, CallisonRTKL designed the museum’s glass and steel form as a modern representation of innovative Greek architecture through the ages. Its dramatic sky-lit east/west staircase symbolizes the Greek immigrant experience from the past to the present.
The busiest branch in Chicago’s Public Library system, the new Chinatown Branch serves as a civic, educational and social hub for Chicago’s Chinatown neighborhood.

The first-ever Design/Build Process for a neighborhood branch library, the Chinatown Branch provides a state-of-the-art library space for residents, while reflecting the history and culture of this iconic Chicago neighborhood. Both innovative and sustainable design concepts as well as learning tools such as high-speed internet, STEM education and advanced technology make the Chinatown Branch the newest chapter in reinvigorating Chicago’s Public Library system. Arcadis provided program and project management services, including program controls and design management.

The Chinatown Branch was recognized with the following awards:

- **2016 Vision Award**
  FOR PUBLIC INVESTMENT

- **Excellence in Engineering Award**

- **Chicago Building Congress 2016 Merit Award**

A modern design that is a model for what a neighborhood library should aim to be.
The Metropolitan Water Reclamation District of Greater Chicago serves an equivalent population of 10.4 million people, treats an average 1.4 billion gallons of wastewater per day and a total capacity over 2.0 billion gallons per day, and operates 22 pumping stations and seven water reclamation plants (WRPs), including one of the world’s largest.

It is the District’s mission to protect the health and safety of the public, protect and improve the quality of water, protect businesses and homes from flood damages, and manage water as a vital resource. To help achieve this mission, Arcadis provided services for several critical projects such as the design of a $31 million final disinfection facility that nearly eliminates bacterial discharge, the study and conceptual design of biogas beneficial reuse, energy conservation and biogas-to-energy utilizations systems at the WRPs and a Stormwater Master Planning study to investigate green solutions to solve basement backups and overland flooding. This project combines the creative thinking needed to redefine urban drainage with technically feasible, innovative solutions that address wet weather vulnerability risks, incorporate hydraulic model analysis findings, and support long-term capital planning.

**ECONOMIC SAVINGS AND CARBON FOOTPRINT REDUCTION THROUGH UTILIZATION OF BIOGAS**

**IMPROVE WATER QUALITY THROUGH A 430 MILLION GALLON-PER-DAY DISINFECTION SYSTEM**

**SOLVE BASEMENT AND OVERLAND FLOODING THROUGH STORMWATER MASTER PLANNING**

**MWRD SERVES AN AREA OF 883 SQUARE-MILES**
Chicago is now the largest city in North America to offer full wireless coverage in its subway systems.

The Red and Blue lines of the CTA Subway support 4G technology, providing full wireless coverage and improved communication to its passengers as well as CTA employees and emergency responders who work in the underground tunnels. Construction management services provided by Arcadis helped to modernize the infrastructure on the 11 miles of underground subway and 22 miles of individual tunnels relied upon by nearly 400,000 riders each day.
One of the CTA’s largest ever single station reconstruction project provides station access to persons with disabilities for the first time.

The revitalized Wilson Station of Chicago’s Uptown Neighborhood will provide riders with a modern, spacious and more accessible transfer point for the Red and Purple Line trains. To improve customer safety, the station will now feature two elevators for vertical platform access, ramps, wheelchair-accessible entrances and improved lighting and signage. Arcadis is providing construction oversight on the project.
FOSTERING RESILIENCY

31ST STREET HARBOR

The $100 million 31st Street Harbor project transformed an under-utilized stretch of Lake Michigan’s shoreline into a magnificent public amenity that features 1,000 new floating boat slips, a green roof parking garage for cars and boat storage, park and recreational areas, community meeting space and harbor management offices.

Arcadis provided program management services to the Public Building Commission of Chicago for the design and delivery of the project. Accomplished on-time and under-budget, the project’s landside and in-water facilities create a vibrant gathering place for Chicago’s South Side community.

LEED GOLD CERTIFIED

SOURCE OF REVENUE FOR THE CITY’S PARK DISTRICT

8 PRESTIGIOUS AWARDS FROM LOCAL AND NATIONAL ARCHITECTURAL AND ENGINEERING COMPETITIONS
CHICAGO DEPARTMENT OF WATER MANAGEMENT

Chicago’s Department of Water Management (DWM) manages one of the world’s largest systems for the withdrawal, treatment, pumping and distribution of drinking water, as well as the collection and conveyance of wastewater and stormwater. Chicago’s water is ultimately distributed through 4,230 miles of water mains to local grid distribution systems. 4,600 miles of sewer mains convey wastewater and stormwater to the Metropolitan Water Reclamation District for treatment.

In providing program management services to DWM for its Capital Improvement Program, Arcadis managed the implementation of a robust Geographical Information System that has the ability to easily access and integrate with a variety of systems, such as project scheduling tools like P6 and work order management systems like InforEAM. The integration of these systems allows DWM to visually plan and coordinate water main projects using data from all agencies and utilities concurrently in a way that has never been available before, helping to deliver a sufficient supply of potable water and manage waste and stormwater for the City of Chicago.

DWM SERVES
5 MILLION
CONSUMERS

$3.6 BILLION
10-YEAR CAPITAL
IMPROVEMENT PROGRAM
Navistar is an international manufacturer of diesel engines, medium, heavy duty and severe service trucks, school buses and military vehicles.

Arcadis is Navistar’s environmental engineer of choice. Under their direction and in close coordination with the City, Arcadis helped to transform the former West Pullman Works and Wisconsin Steel Works sites, once major brownfields and liabilities to the City, into productive, energy-generating assets. Following its award-winning environmental clean-up, the $22 million Wisconsin Steel Works site is now a critical, 180-acre property, returned to viable commercial use by private industry enterprises.
Headquartered in Chicago, Exelon is the leading U.S. competitive energy provider, with one of the cleanest, lowest-cost power generation fleet and the largest retail customer base.

Exelon companies participate in every stage of the energy business, from generation to power sales to transmission to delivery, and one of them, Commonwealth Edison Company, provides service to 70% of Illinois’ population.

Arcadis has been one of Exelon’s consultants of choice since 2001, working with nearly all subsidiaries to provide cost effective engineering and environmental services.

MORE THAN 20 EXELON WIND FARM PROJECTS

ACHIEVED REGULATORY CLOSURE ON THREE ComEd MGP SITES
SUPPORTING SUSTAINABLE FLAGSHIPS

THE ROOSEVELT COLLECTION

Striking a balance between traditional elegance and modern innovation.

CallisonRTKL designed the 1.2-million-square-foot mixed-use development, forming a new commercial hub for the south side of Chicago. Its grand boulevard is flanked by nationally recognized retailers and luxurious apartments that boast dramatic views of Lake Michigan and the renowned Chicago skyline, culminating in a vibrant pedestrian-friendly plaza anchored by large-scale entertainment and intimate restaurants.

350 Loft Units
In Two 5-Story Buildings

420,000 Square-Feet Of Retail Space

Outdoor Seating, Fire Pit And Children’s Playground
Consolidating the largest law office in Chicago to one building, the attorneys of Kirkland & Ellis moved into an innovative, environmentally sustainable high-rise along the Chicago River.

Arcadis provided landlord interface tenant representation and project management services for the firm, helping them to seamlessly move into their new building. Specifically designed to facilitate the business objectives of Kirkland & Ellis, the offices provide an environment in which they serve their clients at the highest level. An efficient and flexible floor plan anticipates future practice needs and includes state-of-the-art technology infrastructure.

LEED SILVER CERTIFIED

650,000 SQUARE-FEET

ANCHOR TENANT OCCUPYING 26 OF THE BUILDING’S 60 FLOORS
Arcadis develops, designs, implements, maintains and operates projects for companies and governments. With 27,000 employees and more than $3.8 billion in revenues, the company has an extensive international network supported by strong local market positions. Arcadis supports UN-HABITAT with knowledge and expertise to improve the quality of life in rapidly growing cities around the world.

For more than five decades, Callison and RTKL have created some of the world’s most memorable and successful environments for developers, retailers, investors, institutions and public entities. In 2015, our two practices came together under the Arcadis umbrella, expanding our sphere of influence and the depth and breadth of our resources. Our team of more than 2,000 creative, innovative professionals throughout the world is committed to advancing our clients’ businesses and enhancing quality of life.

Alan Baxter
City Executive
alan.baxter@arcadis.com
312 731 4549