Stantec

Designing the ultimate student life experience

STUDENT HOUSING + RESIDENCE FACILITIES

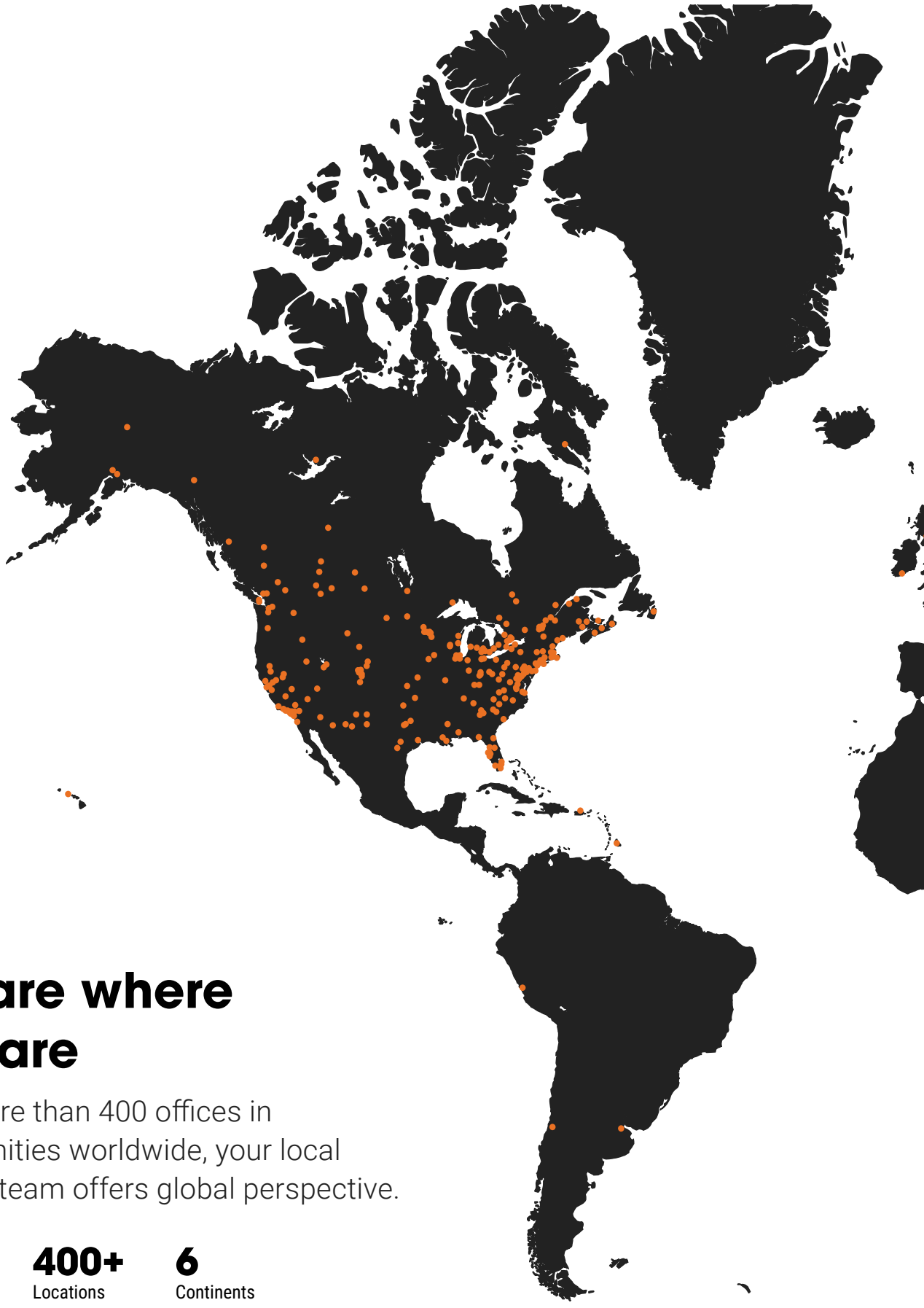
#1 **AMONG TOP 115 A/E FIRMS**
BUILDING DESIGN + CONSTRUCTION 2023, GIANTS 400 REPORT

#1 **MOST SUSTAINABLE CORPORATION AMONG INDUSTRY PEERS**
CORPORATE KNIGHTS GLOBAL 100, 2023

#7 **AMONG TOP 170 UNIVERSITY BUILDING ARCHITECTURE FIRMS**
BUILDING DESIGN + CONSTRUCTION 2023

↑ **WESTFIELD STATE UNIVERSITY, UNIVERSITY HALL** (PICTURED ABOVE AND ON COVER)
Westfield, Massachusetts

Contents



We are where you are

With more than 400 offices in communities worldwide, your local Stantec team offers global perspective.

28K
Employees

400+
Locations

6
Continents

Forward-thinking student housing design

When we invest in our future, we advance together. Our innovative, forward-thinking educational and student life facilities support our greatest asset: the next generation of leaders who will reimagine what's possible.

In campus communities large and small, private and public, we create experiences that bring people together to share knowledge, foster lifelong learning, and develop the citizens of tomorrow.

→ Visit our **Student Life** web page to learn more.

UNIVERSITY OF COLORADO DENVER,
CITY HEIGHTS RESIDENCE HALL
Denver, Colorado

→ Hear from two of Stantec's higher education designers on the benefits of using wood and timber in student housing projects. **Learn more here.**

↑ **WESTERN MICHIGAN UNIVERSITY, ARCADIA FLATS STUDENT HOUSING**
Kalamazoo, Michigan

When considering student residence design, we know students want to build friendships and be part of a meaningful community, all while developing their own individuality. To them, the higher education experience is about independence, discovery, excitement, and responsibility. For this reason, we design living environments that are functionally innovative and emotionally rewarding, so that each student's journey is everything they envisioned.

Our housing portfolio includes accommodations to match differing preferences, budgets, and levels of independence. From single- and double-room suite arrangements, to lofts, studios and town-home style units, our varied residential programming experience helps universities and colleges offer multiple configurations within one facility to help support the desired lifestyles of every student.

Group work at its best

We're architects, planners, programmers, engineers, and interior designers. We are also parents, students, board members, and educators. As such, we understand it takes a community to make visions come to life. Stantec offers its post-secondary education clients in-house, integrated services so your stakeholders can work with one team to ensure its investment is meeting campus and community needs.

Our process is participatory, collaborative, and fun! From project start to finish, we're constantly working across offices, disciplines, and sectors, and partnering with clients to innovate, improve our methods, and meet challenges creatively. We strive to create learning environments that inspire and support each student and faculty member to realize their own best potential.

TEXAS WOMEN'S UNIVERSITY MARY'S HALL AND PARLIAMENT VILLAGE

Denton, Texas

Our services

Architecture

Engineering

Interior Design

Furniture Solutions

Sustainability Consulting

Energy Modeling

Facility Assessments

Master Planning

Campaign Support

Feasibility Studies

Utilization Studies

Program Management

Landscape Architecture

Site Design

Civil Engineering

Research + Benchmarking

Post-Occupancy Evaluation

Smart Campus Planning

Mobility Consulting

Functional Programming

Transportation Planning

Research informs our designs

To design for education—an industry of constant change and evolution—you must continually learn. This is the simple idea behind our Research + Benchmarking (R+B) program. Below are some topics we're exploring for upcoming research opportunities:

- E-sports
- Cybersecurity
- Artificial intelligence
- Changing space needs post-covid
- Equity, diversity, and inclusion

UNIVERSITY OF SASKATCHEWAN, GRADUATE HOUSING
Saskatoon, Saskatchewan

Stantec's R+B Program provides an internal framework that allows our team to investigate areas where we see opportunity to increase our collective knowledge, study a trend, evaluate the effectiveness and efficiency of our designs, and share what we learn with our education partners across the globe. Our practitioners often partner with universities and other entities to deepen our research. We're proud that our designs are supported by real research and actual practice and are committed to continually learning and enhancing the services and expertise we offer to our education partners and communities.

→ Subscribe to our **annual publication** to learn more.

Next-level building performance

Sustainable design is a part of our everyday practice. No matter your end goal, from LEED Certified to NetPositive Energy, we can help.

Stantec's in-house Carbon Impact professionals work directly with our project teams to ensure we're considering all possible design solutions to achieve better energy efficiency for our client's buildings. We look at every detail from energy-saving technologies and systems to on-site renewable energy options. Our goal is to design a facility that offers optimal performance over time while also serving as a teaching tool that enlightens scholars to environmental stewardship and inspires future professionals to understand carbon impact.

Our experience in sustainability planning has resulted in early buy-in with end users and involvement by specialty consultants during the design concept. Consumption monitoring provides data for return on investment and can help with decisions on future projects, while life-cycle analysis can provide important data on embodied carbon during design and procurement. Additionally, we've used visual references and technology that allows students, faculty, teachers, and staff to see and understand how the building performs as energy is monitored and savings are realized.

With our thoughtful design, campus communities can raise the bar when it comes to creating healthy, safe, and resource-efficient student life environments.

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UNIVERSITY OF BRITISH COLUMBIA, BROCK COMMONS TALLWOOD

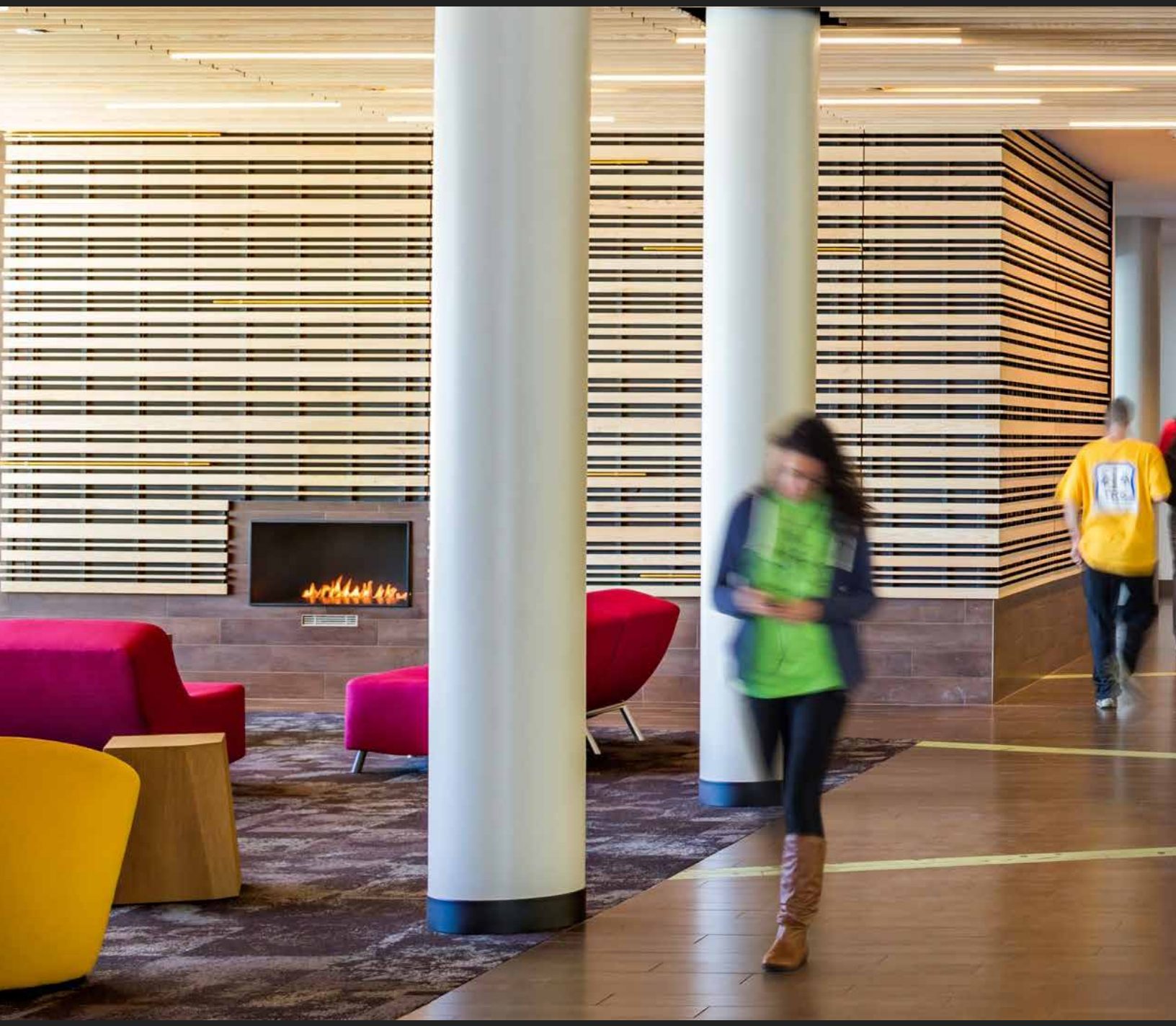
Vancouver, British Columbia
(sustainability and MEP services)

#1	**RANKED MOST SUSTAINABLE CORPORATION AMONG INDUSTRY PEERS** *2023 CORPORATE KNIGHTS GLOBAL 100*
884	**LEED ACCREDITED PROFESSIONALS**
661	**LEED CERTIFIED PROJECTS**
84	**GREEN STAR CERTIFIED PROJECTS**
13	**WELL CERTIFIED PROJECTS**
40	**NET ZERO DESIGNED BUILDINGS**
150	**ENVISION CERTIFIED PROJECTS**
80+	**GREENHOUSE GAS AND ENERGY ACTION PLANS**

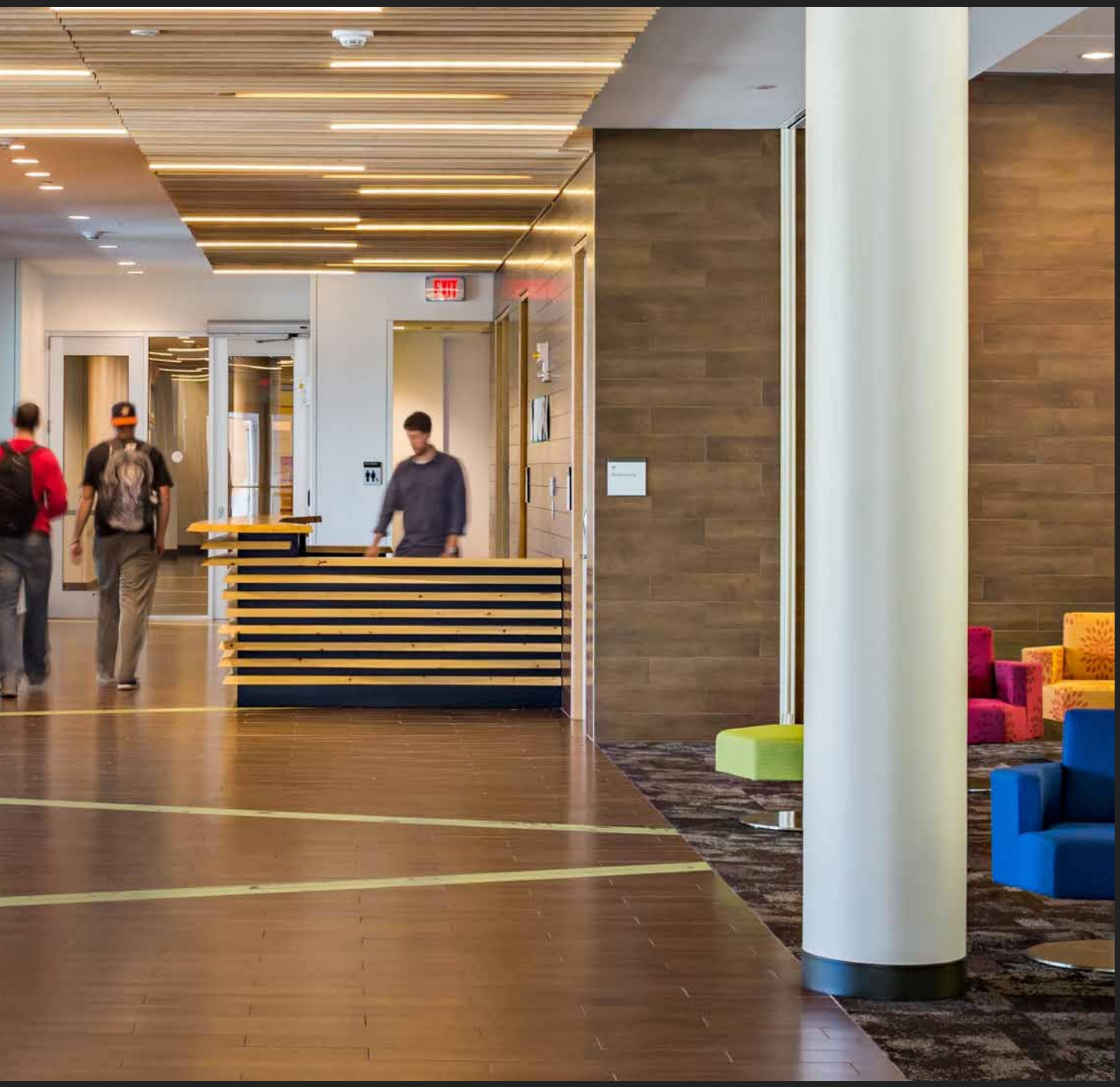
Sustainability ratings

Look for these sustainability rating tags throughout this booklet:

Student Housing Portfolio



WESTFIELD STATE UNIVERSITY, UNIVERSITY HALL
Westfield, Massachusetts



FEATURED PROJECT

THE GREEN AT WEST VILLAGE STUDENT HOUSING

THE UNIVERSITY OF CALIFORNIA, DAVIS
DAVIS, CALIFORNIA

Faced with a rapidly growing student body, UC Davis brought Stantec and our public-private partnership (P3) team in to design an ambitious student housing expansion. As the largest single student P3 project in the US, this project includes community space, recreational fields, and nine four-story apartment buildings spanning over 46 acres.

Originally, West Village was planned for 1,875 beds. But our team, along with developer Michaels Organization and general contractor CBG Building Company, developed a plan to create substantially more residential units and deliver them quickly to meet the growing need. Our team achieved this by prefabricating the structural system components offsite and using unique identifiers for the location and placement of each component to accelerate the timeline.

The project is designed to be a zero-net energy (ZNE) community and utilizes a 5.5-megawatt solar array on UC Davis parking structures. In addition, we chose landscaping for low water use and longevity and designed the campus to promote bike and pedestrian movement.

→ **Learn how P3 helped UC Davis** achieve it's zero-net-energy housing development.

2022 ENR CALIFORNIA'S REGIONAL BEST PROJECT AWARDS

2022 SACRAMENTO BUSINESS JOURNAL BEST REAL ESTATE PROJECTS OF THE YEAR

LEED CERTIFIED SILVER

ZERO NET ENERGY BUILDING

2022 DOWNTOWN DENVER AWARDS

2022 ENR MOUNTAIN STATES BEST PROJECTS AWARDS

LEED CERTIFIED GOLD

FEATURED PROJECT

CITY HEIGHTS RESIDENCE HALL

UNIVERSITY OF COLORADO DENVER
DENVER, COLORADO

The City Heights Residence Hall represents an exciting new addition to Auraria Campus and University of Colorado Denver, introducing the first on-campus 24-hour student population.

City Heights houses 555 beds for first-year, new-to-campus student residents, and a three-story Learning Commons facility housing co-curricular academic and faculty development support programs for the campus.

As a 168,000 SF residential project, City Heights is designed to activate Auraria Campus on a 24-hour basis. This opportunity required consideration of its presence on campus and how it connects to the adjacent Downtown Denver Central Business District.

As a result, the project introduces a new vibrant public space to the campus with its human-scale central courtyard while also contributing a strong urban edge and retail space to the Tivoli Quad on the Auraria Campus.

FEATURED PROJECT

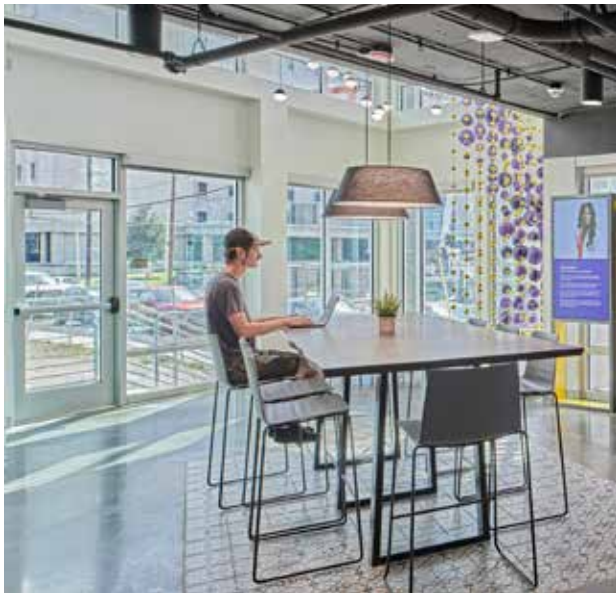
MEDICAL STUDENT HOUSING

LOUISIANA STATE UNIVERSITY
NEW ORLEANS, LOUISIANA

Stantec was retained by University Student Living to design a student housing facility for medical students on the Louisiana State University Health Science Center Campus. The site is located on the Northwest corner of the downtown campus in an urban setting. The project provides 579-beds in a combination of studio, 1-bedroom, 2-bedroom and 3-bedroom apartments in a strong living-learning environment over ten levels.

The building includes a variety of amenities that include outdoor covered grilling and fire pit areas, gaming and swimming facilities, as well we a pet care station, and a variety of intimate and social settings. Inside the building, each level provides a variety of communal and study spaces for the residents, as well as larger multi-purpose, gathering and gaming/social lounges on the main floor, allowing for a unique space for the individual study and social requirements of the LSU medical student residents.

Stantec was part of a P3 with The Michaels Organization (TMO).




LEED CERTIFIED

FEATURED PROJECT

ARCADIA FLATS STUDENT HOUSING

WESTERN MICHIGAN UNIVERSITY
KALAMAZOO, MICHIGAN

The new Arcadia Flats Student Housing project houses 350 upper-level students and graduate students in urban, apartment-style units with shared common spaces for study, play and socialization. This project is the “catalyst” for a multi-phased re-development of the south neighborhood residential village on the main campus.

A unique set of five different unit types were developed to “fill the spectrum” between the residence hall and apartment options already available on campus. The units range from two-story urban lofts to studio flats, compact two-bed apartments, single-occupancy semi-suites, and double-occupancy semi-suites.

Western Michigan University took a non-conventional approach to Arcadia Flats, requiring construction systems that follow their 100-year building standards. The design team took this to the next level by designing the exterior enclosure with the largest, fully finished, pre-fabricated exterior wall panels ever deployed in higher education at the time.

FEATURED PROJECT

ACADEMIC AND STUDENT HOUSING BUILDING, 808 ROYAL

DOUGLAS COLLEGE
NEW WESTMINSTER, BRITISH COLUMBIA

To meet the needs of a growing student population, Douglas College is creating a living-learning community by adding a new 20-story building. The academic space will accommodate more than 2,400 students and 200 staff with 30 classrooms, six computer labs, an 80-seat lecture hall, a 60-seat event room, specialized and open collaboration labs, two faculty departments, study spaces, and a variety of meeting rooms with dining services.

The student housing component will feature 368 student beds in both private and shared layouts, complete with smart HVAC, lighting, and energy systems with efficient water use. The new building will target net zero carbon, BC Energy Step Code 4, and LEED Gold Certification.

The Academic and Student Housing Building will provide students with a rich and inspiring educational experience, enhance campus culture, and create a stronger connection to downtown New Westminster.

TARGETING NET ZERO CARBON

TARGETING BC ENERGY STEP CODE 4

TARGETING LEED GOLD CERTIFICATIO

FEATURED PROJECT

NAHOONAI-A INDIGENOUS STUDENT HOUSING BUILDING

THE COLLEGE OF NEW CALEDONIA
PRINCE GEORGE, BRITISH COLUMBIA

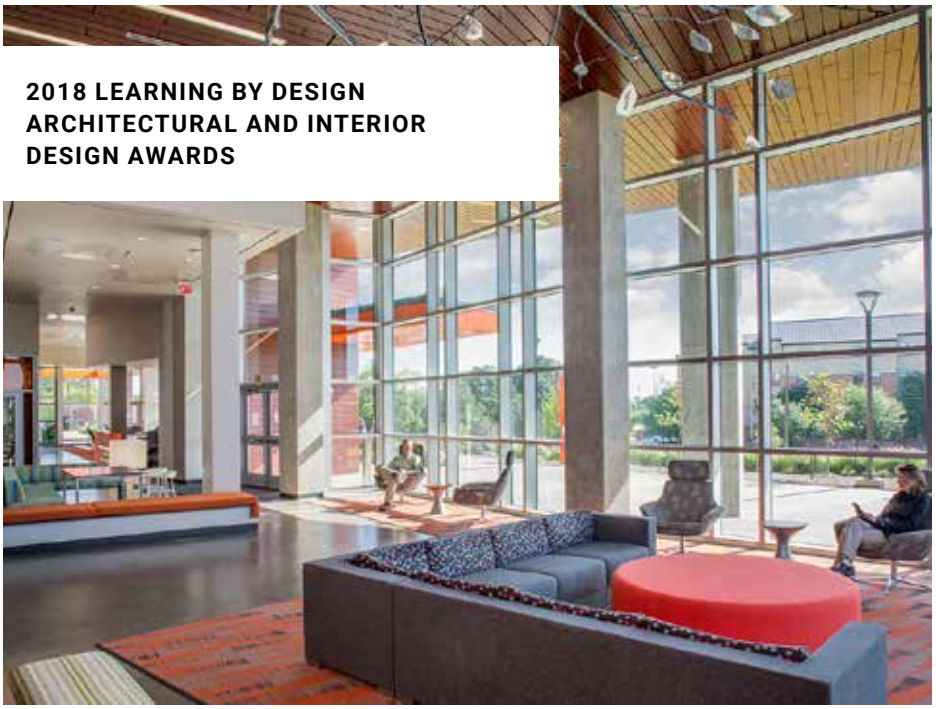
The College of New Caledonia has long identified a need for a cultural, architectural intervention that exemplifies the college's efforts to support and encourage Indigenous communities. A student housing building was identified as a typology that would allow Indigenous students to maintain elements of their cultural heritage while developing life skills and career development.

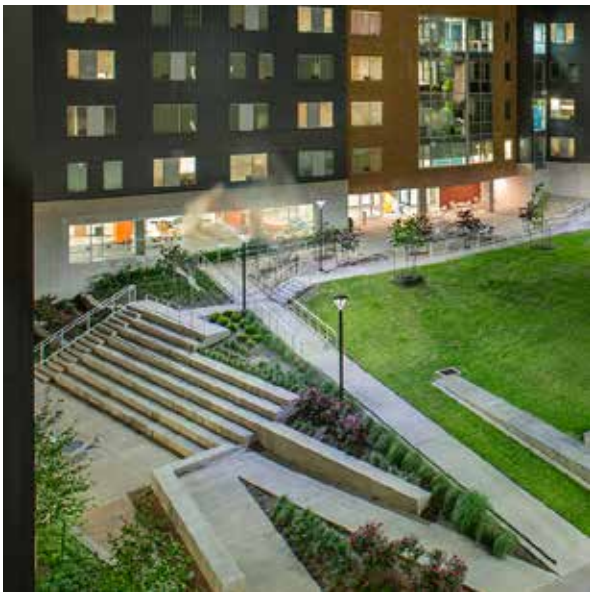
Stantec worked with Elders from the College's Aboriginal Student Advisory group to establish the project charter and functional program. Stantec collaborated closely with the Elders, through a series of discussions/design charrettes; involving visuals, listening, and participatory sessions. Every aspect was considered in the design process to ensure that the project was culturally appropriate, welcoming, and safe for aboriginal students.

This building provides housing for 12 students from nearby Indigenous communities and a private suite for an Elder. A Cultural Space for smudging and other social activities is incorporated into the ground floor. The project is designed to Step 4 of the British Columbia Energy Code.

→ Federal grant funding allowed the college to create housing for indigenous students. **Learn more here.**

2018 LEARNING BY DESIGN ARCHITECTURAL AND INTERIOR DESIGN AWARDS





FEATURED PROJECT

PINEY WOODS HALL

SAM HOUSTON STATE UNIVERSITY
HUNTSVILLE, TEXAS

The new Piney Woods Hall provides a highly active and engaging living-learning environment for 700 students while developing a strong sense of community, encouraging human connections, and enhancing the student experience.

On the ground floor, a large community space creates opportunities for all Sam Houston students to congregate, study, and collaborate. A sloped courtyard (three-quarters the size of a football field) offers outside space, and taking advantage of the grade, includes separated, multi-use seating where students can work together or independently.

The building consists of two different unit types: single-room suites and double-room suites. Communities of around 40 students share a social lounge, community kitchen, and study rooms. Guest bathrooms are located near the study rooms on each floor. A faculty apartment for in-residences features a private exterior terrace on the second level.

FEATURED PROJECT

PARLIAMENT VILLAGE AND DINING HALL

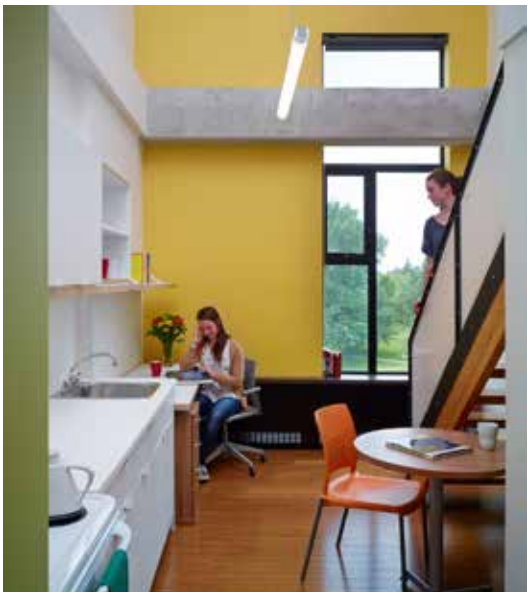
TEXAS WOMEN'S UNIVERSITY
DENTON, TEXAS

Designed to be a sophomore village and second-year experience, the project includes three 4-and 5-story Georgian buildings featuring pod-style living quarters with small-scale communal baths with private bathroom and shower stalls. The project incorporates residential amenities such as lounge spaces, study areas, community gathering places, and a 700+ seat dining facility.

The facility provides new residence life offices, a multi-purpose classroom, maker spaces, and three faculty apartments. Supporting the tremendous growth the University has experienced over the past decade in student enrollment, our design approach creates a strong transitional "move-up" plan for students, promoting student retention with the integration of academics into the residence halls as an extension of the learning environment.

2014 PRAIRIE DESIGN AWARDS, AWARD OF MERIT

2013 SASKATCHEWAN PREMIER'S AWARDS OF EXCELLENCE IN DESIGN, ARCHITECTURE



FEATURED PROJECT

GRADUATE HOUSE

UNIVERSITY OF SASKATCHEWAN
SASKATOON, SASKATCHEWAN

The 260-bed, five-story prospect and refuge wings give students two linked, but vastly different, experiences. Prospect, with its open first-floor lounges and retail space, draws in students and faculty from the neighboring Greenway. Refuge provides a variety of quiet, contemplative spaces. Student common spaces are divided between two types: living lounges and collaborative studios, found in different areas and configurations on each floor to create smaller communities within the residence and encourage inter-floor interaction.

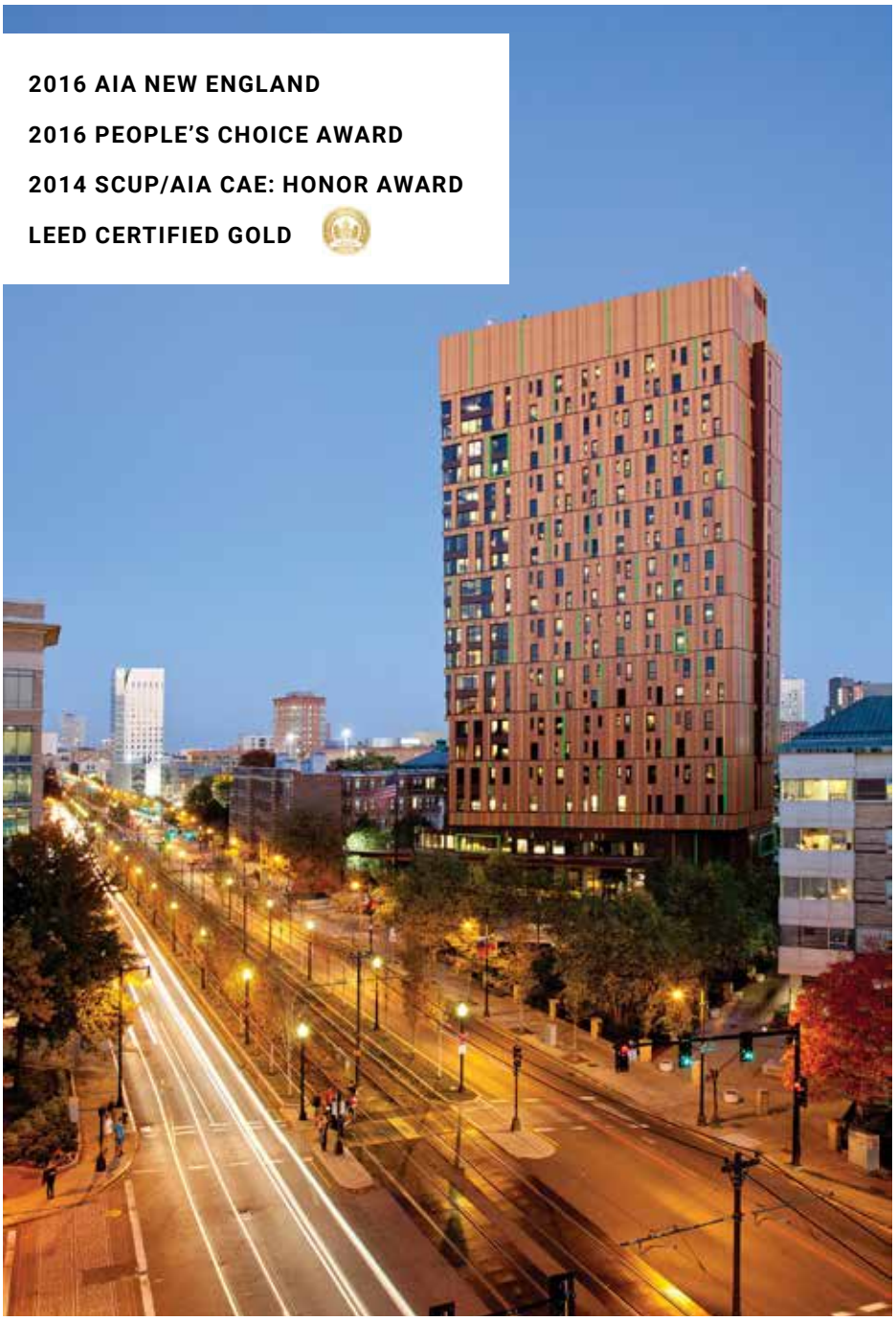
The design focuses on mitigating the major environmental impacts of university residences–namely high energy use and water consumption per capita. This was achieved through highly-insulated envelope and high-performance glazing, hydronic heating and cooling systems, grey water recycling and native landscaping.

2016 AIA NEW ENGLAND

2016 PEOPLE'S CHOICE AWARD

2014 SCUP/AIA CAE: HONOR AWARD

LEED CERTIFIED GOLD



FEATURED PROJECT

MASS ART TREE HOUSE STUDENT RESIDENCE

MASSACHUSETTS COLLEGE OF ART AND DESIGN
BOSTON, MASSACHUSETTS

Through a programming effort that included student focus groups, benchmarking tours of comparable projects, and freshmen core curriculum demands, this building was designed to cater to the unique living-learning requirements of incoming art school freshmen.

Inspired by Gustav Klimt's 1909 "Tree of Life" painting, the building is clad in over 5,000 composite aluminum panels of various widths, depths, and hues that result in an organic colorful expression. Already a landmark in Boston's skyline, the 20-story housing tower for 493 freshmen includes a ground-floor cafe and living room, a second-floor health center, a "pajama floor" with common kitchen, game room, lounge, laundry, fitness center, and vending, and 17 floors of four and five-person suites.

On every residence floor, project workrooms, casual seating lounges, and snack kitchens create an informal studio atmosphere conducive to artistic dialogue and interdisciplinary friendships.

FEATURED PROJECT

ST. JOSEPH'S COLLEGE WOMEN'S RESIDENCE

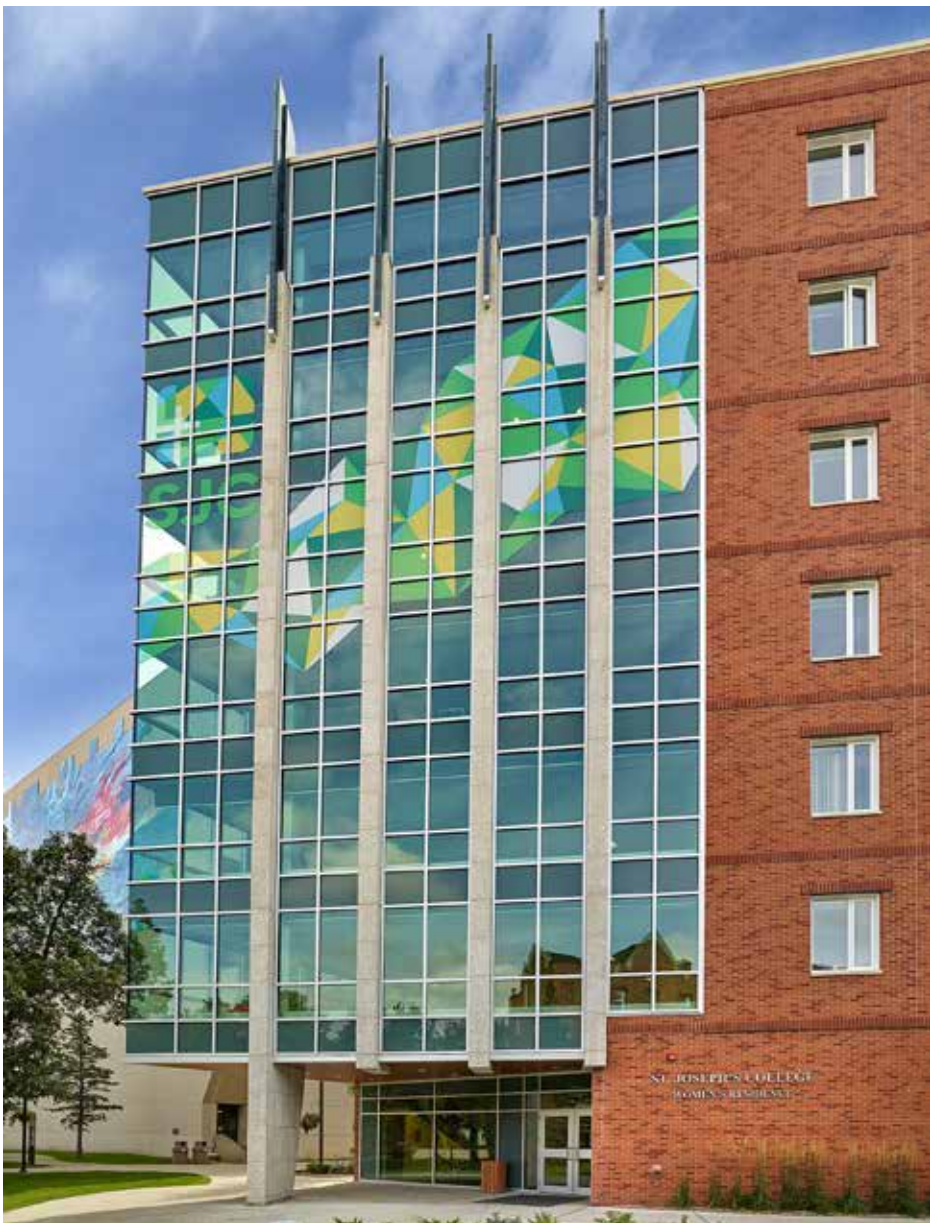
UNIVERSITY OF ALBERTA
EDMONTON, ALBERTA

The unique architecture of this 284-bedroom women's residence, including 6 barrier-free suites, recognizes the historic character of the area without duplicating surrounding buildings. Stantec designed an innovative, all-female student residence that reflects the historic character of the area, enhances student experience, and is energy efficient. The building includes 282-beds, office space, and a lobby that delivers support services to the students.

A new chapel named after St.Kateri, the first aboriginal woman to become a catholic saint, has been specially designed to blend the catholic and aboriginal traditions. This approach resulted in a design that promotes circular forms and earth tones where most of the furniture and decorative items are made from rustic wood. Windows will have decorative stained glass and terrazzo flooring.

A large lobby welcomes people as they enter the building. Also designed to host events, the building has a kitchen to accommodate catering. This project received 3 Green Globes.

2019 ALBERTA MASONRY DESIGN AWARDS



FEATURED PROJECT

SHAFER HALL RENOVATION

EASTERN CONNECTICUT STATE UNIVERSITY
WILLIMANTIC, CONNECTICUT

ECSU had an outdated, underutilized classroom building on their campus with a clear need for more on-campus housing. Stantec was engaged to transform the existing Arts building into a state-of-the-art, upper-classmen, loft studios dormitory, becoming the most desired housing typology on campus.

The project brought the building up to code, added 2 elevators, fire protection, façade upgrades, new common kitchens, lounges, laundry, and a café. Each dorm suite shares an entry with an en-suite bathroom and shower room. Each studio includes a kitchen, study island, and raised bedroom area, taking advantage of the large windows.

Amenities have been added throughout, encouraging student interaction, group study, and socialization. They include a full kitchen, study lounges, a game area, TV areas, a fitness center, a gymnasium, an auditorium and a cafe. The salvaging of brick walls, tiles, and older oak millwork juxtaposed with new contemporary finishes creates a space that is fresh, durable, and flexible for years to come.

The team

Stantec's student housing design experts are spread across North America and bring a variety of student housing and residence life design experience to our clients and their projects. Behind every leader is a team of design professionals working hard to support the vision of the project.

LÉO LEJEUNE
Principal (Alberta)

TRAVIS SAGE
Principal (Michigan)

MEG SCHUBERT ALLEN
Sr. Associate (Colorado)

ARIS GARRISON
Associate (Northern Cali.)

ERIC SMITH
Associate (Southern Cali.)

ARTURO VASQUEZ
Sr. Architect (Florida)

ELIZABETH KING
Sr. Associate (Massachusetts)

JASON SEDAR
Designer (British Columbia)

CHRIS WAILES
Business Development Leader (Texas)

SAM HOUSTON STATE UNIVERSITY, PINEY WOODS HALL

Huntsville, Texas

DESIGN WITH COMMUNITY IN MIND
STANTEC.COM