

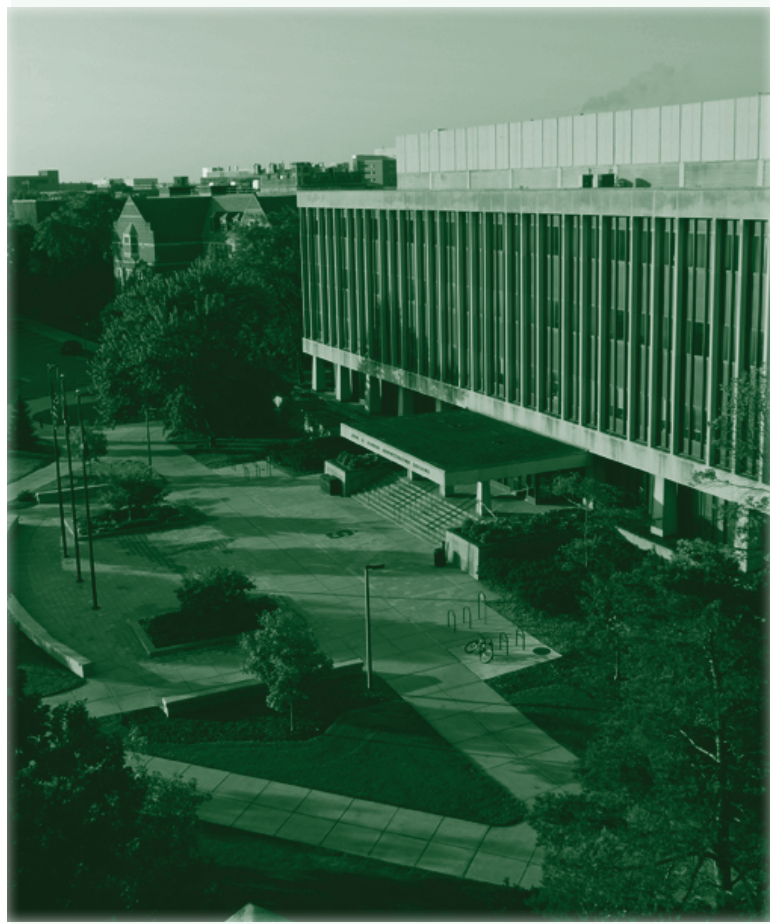


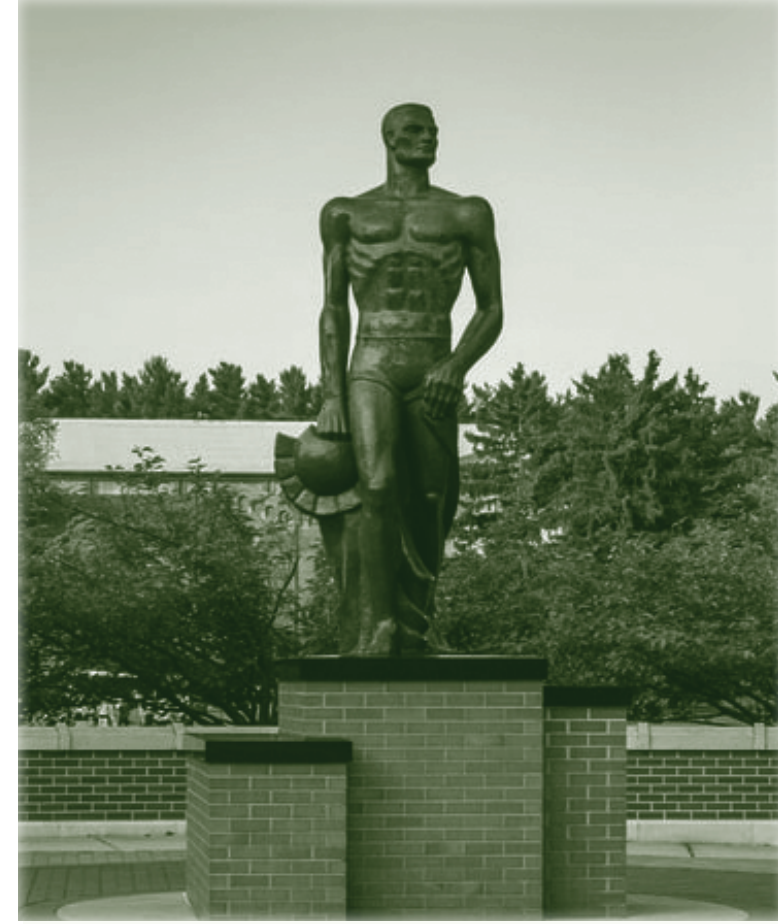
HamiltonAnderson | MOODY•NOLAN

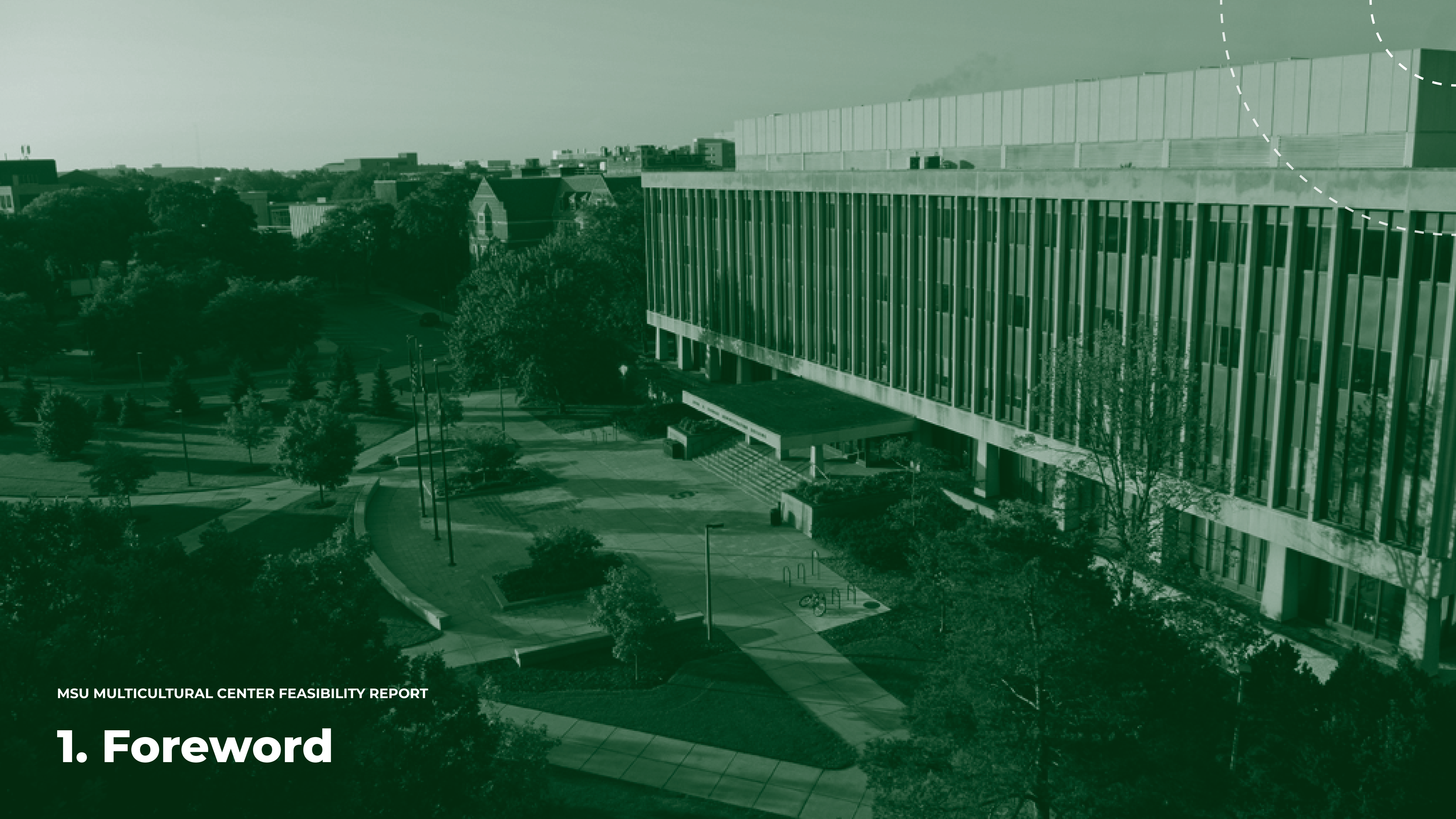
Michigan State University Multicultural Center Feasibility Report

MARCH 2021 - FINAL REPORT



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MSU MULTICULTURAL CENTER FEASIBILITY REPORT

1. Foreword

1.1 | FOREWORD | **STATEMENT FROM MSU**

Multicultural Center Feasibility Report

Over 20 years ago, the current campus multicultural center was opened in the MSU Union, eventually becoming what is now known as MOSIAC: The Multicultural Unity Center. This space, though a step in the right direction, was found to be inadequate for meeting the academic and social needs of our students. In 2019, a steering committee was formed, and a planning committee was appointed to begin a feasibility study for a potential new campus multicultural center.

Michigan State University (MSU) has been discussing the need for a standalone Multicultural Center on campus for several years. The calls from students for a designated space have grown louder and stronger, particularly as minority students continue to report less favorable campus experiences compared to non-minority students.

We are in a very different place than we were 20 years ago, socially and politically. Our Spartan community has experienced events beyond what we could have ever imagined – from the coronavirus pandemic to insurrection at the U.S. Capitol. Many Spartans are still in a state of unease, particularly our historically marginalized and excluded students who have been disproportionately impacted by these events.

The steering committee seeks to establish a center that will build on existing programs and facilities, creating an inclusive community that meets our diverse student population’s social, emotional and intellectual development in a 21st-century context. This center should provide people of all backgrounds a space where their identity is embraced, where they can feel safe and at home. It should encourage cross-cultural understanding and intersectionality, as well as provide the opportunity for social, cultural, and educational activities and programs.

Through a comprehensive survey sent to 400,000 students, faculty, staff and alumni and focused conversations with various student groups, including the Council of Racial and Ethnic Students (CORES), the Council of Progressive Students (COPS) and others, the planning committee has been able to focus on developing and refining the programmatic purpose.

The values of the land-grant institution are steeped in making education accessible to the masses, and it is the power of education that transforms our students. Additionally, building a culture that embraces diversity, equity and inclusion is essential to help those students succeed beyond the institution.

The MSU Multicultural Center is a cumulative effort of many individuals across the university. Our stakeholders and partners have provided valuable insights and guided our thinking to go beyond today’s issues and focus on the possibilities of impacting the lives of future generations. Thank you to all who made this possible.

With warmest regards,

Vennie Gore

Senior Vice President for Residential and Hospitality Services and Auxiliary Enterprises
Michigan State University

“[C]reating an inclusive community that meets our diverse student population’s social, emotional and intellectual development in a 21st-century context.”

1.2 | FOREWORD | **STATEMENT FROM HAMILTON ANDERSON & MOODY NOLAN**

Multicultural Center Feasibility Report

On behalf the Hamilton Anderson Associates and Moody Nolan team I thank you for this opportunity to be of service to Michigan State University in the conceptualization of a new Multicultural Center for your student body. This commission comes to us during one of the most racially turbulent times in the history of the United States. The tragic deaths of George Floyd and Breonna Taylor at the hands of law enforcement officers harkens to the oppression of African Americans during the Civil Rights era of the 1950's and 1960's and Jim Crow laws of the late 19th and early 20th centuries.

This is a time in history that, much to my disappointment, we as Americans have not advanced to a state of working together and supporting and caring for each other regardless of race, creed, religion, sexual orientation or political views. The extremism of divisive politics and false statements has brought the country to a place where self-destruction does not seem impossible. Layer on a global pandemic that has taken the lives of over 530,000 Americans while stymieing global economies, these factors exacerbate what apparently was always just under the surface of our society.

As an African American architect practicing in Michigan, I have faced discrimination in competing for commissions as well as in my personal life. I would dare say that all African Americans have, or will, experience racial discrimination at some points in their lives. The award of this important commission to the African American team of Hamilton Anderson and Moody Nolan is especially symbolic of the inclusive focus of MSU leadership. To allow the culturally diverse student body to drive the development of the program for the new facility is a testimony to the commitment of MSU leadership to foster open and transparent dialogue about what makes us different and most importantly, what makes us the same.

It has been a pleasure to work with the Steering and Planning Committee to craft a creative design process that has allowed us to work with students and develop a Program Statement of what this new facility could be. The surveys that we created as a team probed into the desires of faculty members, students, and alumni of MSU. Our meetings and working sessions were creative, transparent, and informing. Development of conceptual building massing diagrams for the two identified possible sites resulted in three creative solutions that will allow the

university to understand the feasibility of developing such a project. The alternative solutions explore the reuse and expansion of the existing International Center as well as explore utilizing a clear site at Shaw and Farm Lane roads for a new structure. The concepts will inform the next steps in the process of refining a concept during the Schematic Design Phase.

We are proud of the results of this Feasibility Report and believe that it represents the vision of the joint committees' Guiding Principles including transparency, students as partners and to promote diversity, equity and inclusion. It has been an honor to work with the stakeholders of the University, and we are grateful that we were welcomed to the table to participate in this important process.

Sincerely,

Rainy Hamilton, Jr., FAIA, NOMA

President

Hamilton Anderson Associates

“The award of this important commission to the African American team of Hamilton Anderson and Moody Nolan is especially symbolic of the inclusive focus of MSU leadership. .”

Multicultural Center Feasibility Report

We believe that for the MSU students and faculty to truly understand the gravity of the new MSU Multicultural Center, the center must define and share its purpose. This purpose will support the overall Mission and Vision of MSU and embody the aspirations of the diverse community we serve. This building will be a living, breathing entity much stronger than the brick and mortar from which it's made, and its reach will extend much farther than the site on which it sits.

This purpose statement explains the MSU Multicultural Center's reason for existence. It explains why it was created, and why it's part of our journey. It explains both the injustice in the world it is seeking to right and the opportunity it is seeking to leverage. As a community, the best thing we can do is make sure that our purpose statement answers one question: **What are we fighting for?** What is in the world that we're tired of and we're willing to start changing? What do we see in the world as injustice and want to say "no longer"? What is it in the world that the rest of world finds acceptable that we refuse to accept? What is the battle that we are fighting that we help by its existence? Having a true purpose for the Multicultural Center is important because it feeds the MSU mission and more importantly the vision, which is what we want the world will look like when we achieve our mission. At the heart of these four circles are students & faculty. The students & faculty that are in MSU's charge. The people that are a part of MSU or that we want to attract. It starts with their aspirations. So, this purpose statement radiates out from us. It radiates out from what is on our hearts and minds.



The purpose of the MSU Multicultural building is to be a true catalyst of environmental and social change on the MSU campus. **It is to be a tool to support MSU's diversity and inclusion mission by:**

1. Being a place that welcomes all to foster and build real relationships.
2. Being an environment of acceptance and expression of all genders, races, creeds, religions, abilities, and cultures.
3. Being a place where minorities don't just feel like they matter but are valued.
4. Being a place that listens with more than sympathy, but with empathy.
5. Being a place that educates all on the richness of multiculturalism not just diversity.
6. Being a place of enlightenment for the privileged and empowerment of the marginalized.
7. Being a place that provides mental, spiritual and cultural support for underrepresented students.
8. Being a place of dignity, truth, respect, support and action at all times.
9. Becoming an essential gateway of success, and support for all students.
10. Being a place that can change when and where it's needed to ensure the success of MSU's minority community.

This building will be a sanctuary for all minorities at MSU, and an opportunity for others to **acknowledge** the past, **learn** about who we are today, and **grow** by not fearing what they don't understand or haven't had the chance to experience.

1.4 | FOREWORD | EXECUTIVE SUMMARY

Multicultural Center Feasibility Report

In order to create a safe, respectful, and welcoming campus that provides an environment where all can succeed, in 2020, Michigan State University selected the architectural and engineering team of Hamilton Anderson Associates of Detroit, Michigan, and Moody Nolan of Columbus, Ohio, both minority-owned firms, to develop a feasibility study for a proposed campus multicultural center. The development of such a campus facility has long been the subject of calls from many MSU students over the years to address longstanding issues of bias, inequities, campus climate, and the need for cultural change. This new center would build on existing programs and facilities and strive to create an inclusive community that meets the social, emotional, and intellectual needs of the diverse student population.

The MSU Multicultural Center Feasibility Report documents the efforts taken throughout the study to assemble the necessary information as a precursor to move the project forward into a more detailed planning and design process. This includes an analysis of the existing MOSAIC Multicultural Unity Center as well as six multicultural centers from across the nation for benchmarking purposes. The report also documents multiple engagement opportunities which were conducted to elicit feedback and input from students, faculty, staff, and other potential users of the new facility. This resulted in thousands of respondents providing valuable insight on the purpose, identity, and design of the future MSU Multicultural Center.

Two sites were selected as the potential location for the future facility resulting in three design recommendations. The first examines a 30,066 SF addition coupled with a 103,300 SF renovation to the International Center presenting an opportunity to extend the life of an existing building on campus. This option features two distinct and significant additions: one located at the south face of the building facing N. Shaw Lane, and the other at the north face engaging People's Park. These expansions afford the opportunity to create more dramatic, identifiable entries to the original International Center building.

The second and third design recommendations place a new 38,782 SF stand-alone building on an undeveloped lot located at the corner of N. Shaw Lane and Farm Lane. However, due to the size of the site and its existing characteristics, two building options were created. The first of which, known as "The Arc," tests the idea of the new facility being pushed to the northern

edge of the site. Its focus is on minimizing site disturbance through a compact building footprint as well as placing the building on the flattest part of the site near the River Walk. The resulting footprint gives the new building significant height and presence for those who are walking along the water or crossing the bridge.

The second scheme, known as "The Atrium," also tests the idea of a new facility but instead places the building at the southern portion of the site to give it prominence at the N. Shaw Lane and Farm Lane intersection. Leveraging the natural slope of the site and commanding views to the north, the building enjoys both convenient street-front access as well as proximity to the river trail on the lower north face.

All three schemes were designed and programmed using the same base matrix of interior spaces consisting in a mix of offices, shared space, support space, and common areas. Three additional programming options were also included in the massing and design layout of each scheme which, in total, increases each design scheme footprint by 22,140 SF. These alternate spaces include an International Sparty's, dance studio, and large event space.

The report concludes with preliminary cost models to help the University determine the proper funding approach, including university and fundraising contributions. Using the base programming matrix and preliminary site design for each design recommendation, a total project cost of \$31M to \$36M is forecasted with the International Center at \$31,938,000, the Arc at \$36,136,000, and the Atrium at \$33,868,000. It is then projected that including the additional programming options would increase each design scheme by approximately \$20M with the International Center at \$52,577,000, the Arc at \$55,553,000, and the Atrium at \$52,188,000.



MSU MULTICULTURAL CENTER FEASIBILITY REPORT

2. Introduction

“MSU seeks to make this university as safe, respectful and welcoming as it can be.”



For many years, Michigan State University students have called for a campus multicultural center. While the MOSAIC Multicultural Unity Center, which currently operates on the second floor of the MSU Union, serves a meaningful purpose, students, faculty, and staff have expressed that campus’s Diversity, Equity, and Inclusion initiatives have outgrown the space.

As MSU seeks to make the University as safe, respectful, and welcoming as it can be to provide an environment where all can succeed, a feasibility study for a new facility was conducted.

The purpose of this feasibility study was to develop a comprehensive framework for a campus multicultural center through new construction (via a new building or an addition) and/or renovations to an existing building. This new center would support the overall mission and goals of Michigan State University while also fostering a diverse, inclusive, and equitable environment. This high-level effort was designed to assemble the necessary information as a precursor to move the project forward into the more detailed planning and design process.

This body of work documents the process, analysis, findings, synthesis, and conclusions of the feasibility study.

2.2 | INTRODUCTION | **PROJECT HISTORY**

As a result of student activism and institutional needs, a multicultural center initially opened in 2000 in the lower level of the MSU Union. In 2014 the center moved to the second floor of the MSU Union and was renamed MOSAIC: The Multicultural Unity Center. The MOSAIC expansion and relocation was coupled with the establishment of the North Neighborhood Engagement Center in the MSU Union. The intent was to foster collaboration and opportunities for informal and formal activities, social engagement amongst students, and access to a range of services and activities from advising, tutoring, computers, and printing. It also provided access to student programmable spaces within MOSAIC and more broadly within the MSU Student Union.

As campus needs have evolved, the MOSAIC space has become inadequate as an academic, co-curricular, and social gathering space for all students from the perspective of various contemporary MSU student leaders, including students who make up the Council of Racial and Ethnic Students and Council of Progressive Students. Additionally, students past and present, as well as other members of the campus community, have articulated the view that MSU has not adequately addressed longstanding issues of bias, inequities, campus climate, and the need for cultural change. Over the years, students from diverse cultural backgrounds have urged MSU to consider a freestanding multicultural center.

In response to such exchanges and inquiries, Michigan State University established a steering committee and a planning committee to begin the feasibility study for a potential new campus multicultural center. This feasibility study seeks to establish a center that will build on the existing success of the MOSAIC Center and strive to create an inclusive community that meets the social, emotional, and intellectual development of its diverse student population in a twenty-first century context.



2.3 | INTRODUCTION | **PROJECT GOALS**

1

Document, understand, and analyze current information regarding existing DEI programs, current space allocations, and/or scheduled programming space

2

Develop a program statement that articulates the program rationale and intended goals of the program, including guiding principles

3

Engage in interviews with students, student organizations, staff, and faculty

4

Define components, functions, and/or activities of the program which are intended to accomplish goals and meet the identified programmatic needs

5

Characterize and clarify functions and activities as well as the associated spaces needed to support them (in priority order)

6

Validate functional needs and assessments with students, student organizations, staff, and faculty

7

Delineate the approximate size of each space, requirements of the space, quantity of each space type, and the number of people, programs, anticipated utilization and functional adjacencies

8

Identify potential location scenarios and recommendation(s) including new construction (building or addition) and/or renovations to existing building

9

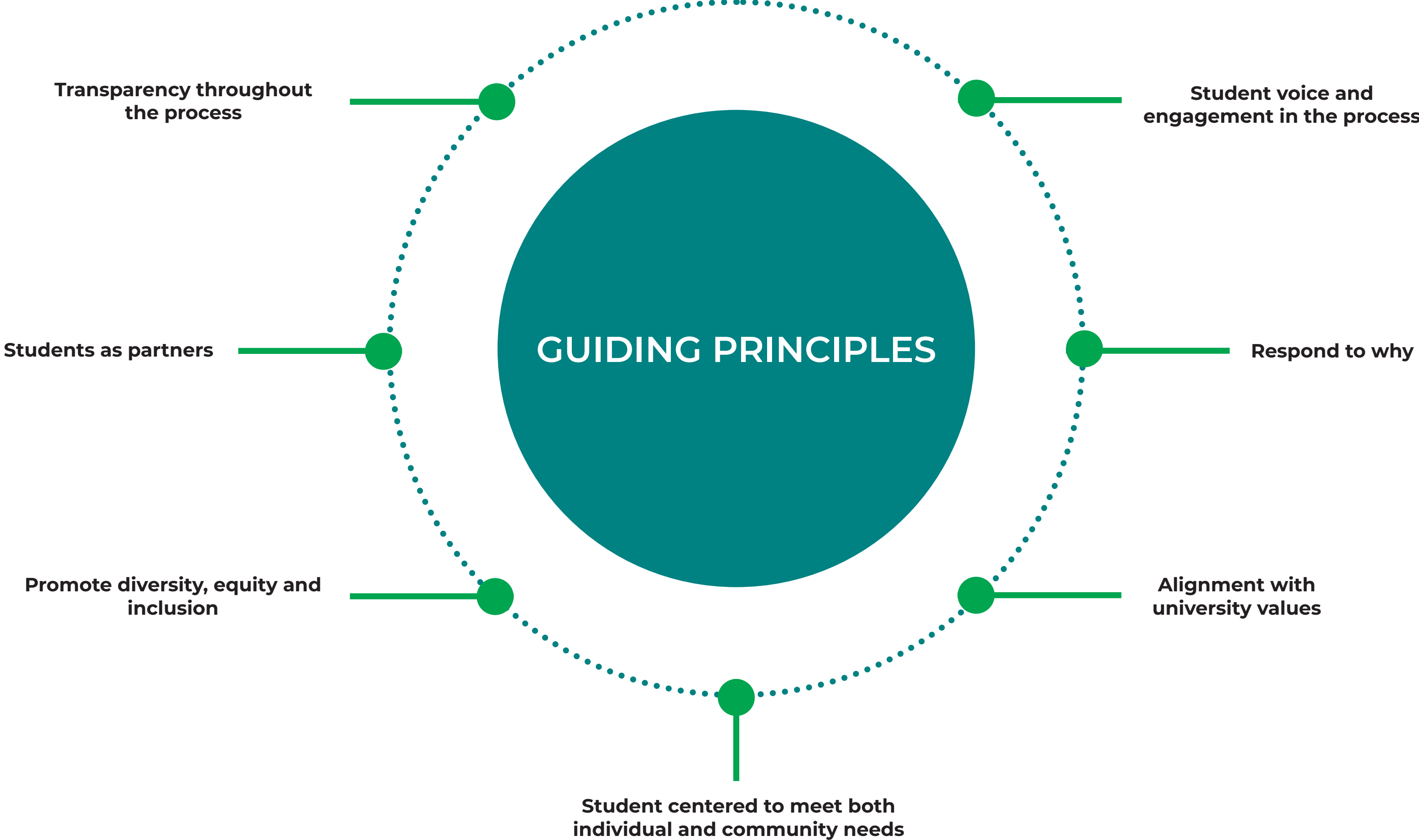
Iterate massing studies and architectural solutions

10

Illustrate preliminary conceptual cost assessments

2.4 | INTRODUCTION | GUIDING PRINCIPLES

To lead the project to a successful outcome, Michigan State University created guiding principles focused on engagement, transparency, and meaningful action.



2.5 | INTRODUCTION | **STUDENT-WRITTEN MISSION & VISION**

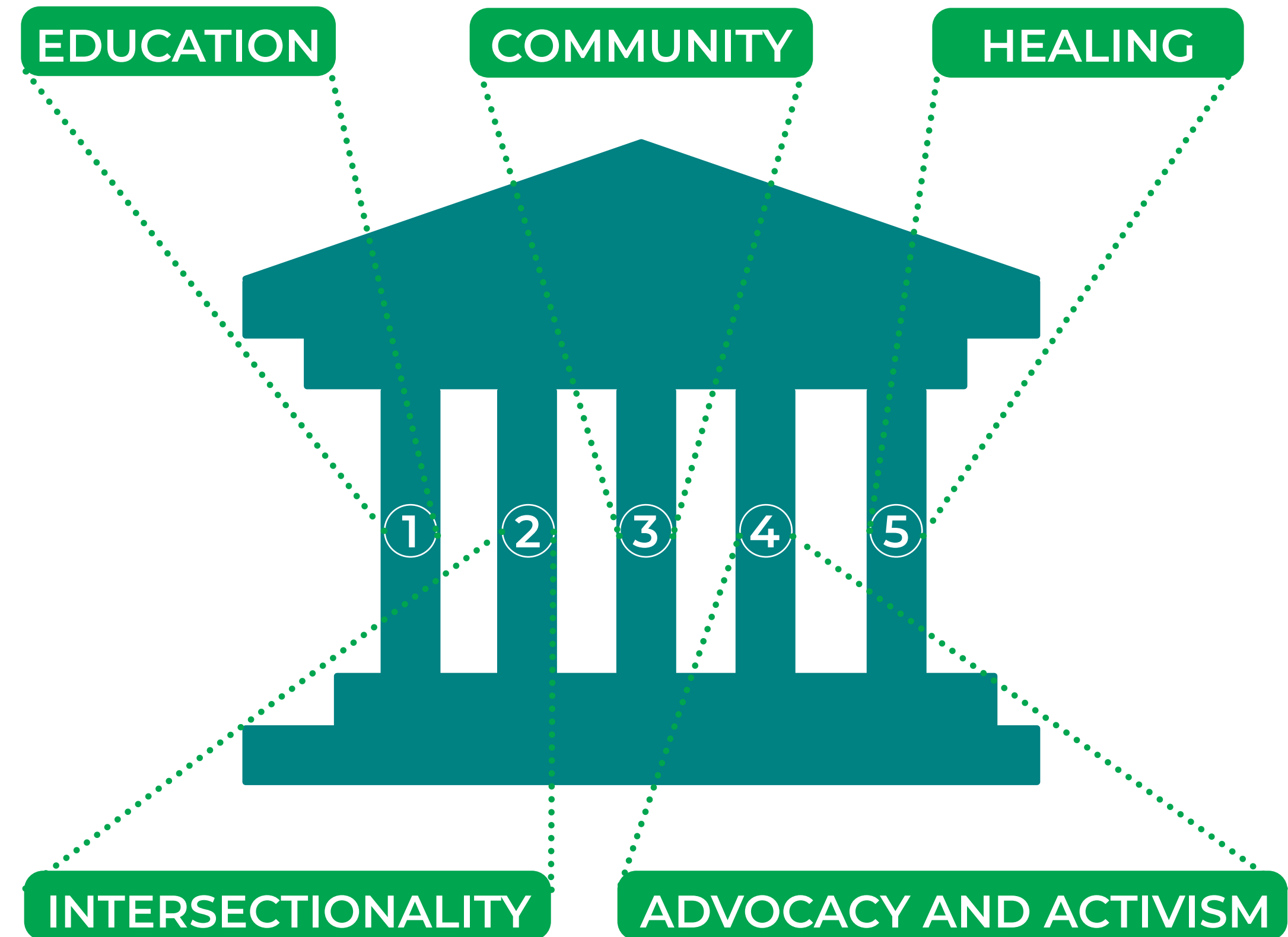
Student-Written Mission

The mission of the multicultural building is to create a space for students of historically oppressed backgrounds to learn and grow together along with the resources they need to succeed and graduate from a predominately white institution.

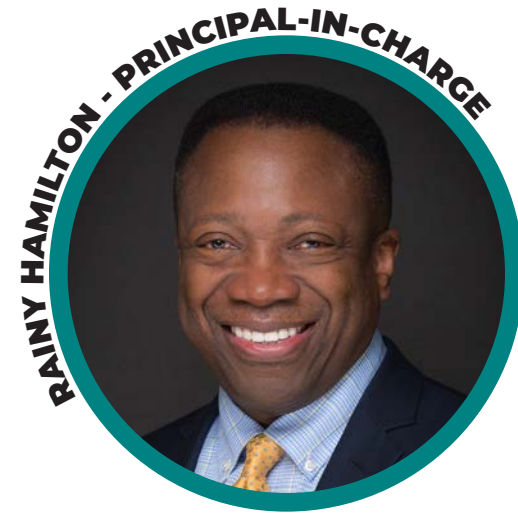
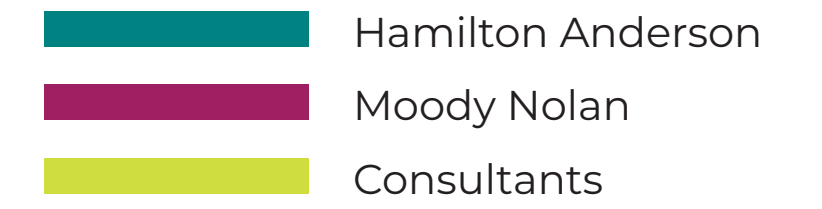
Student-Written Purpose

1. To increase retention rates of marginalized students
2. To create a safe space for all students to build relations with other students outside of individual communities and explore the intersections of their identity while furthering intersectional dialogue
3. To provide the resources students of marginalized backgrounds need to succeed at MSU
4. To increase cultural competence as related to Integrative Studies in Social Science and Integrative Studies in Arts and Humanities courses and MSU's global education
5. To have a healing space for students to de-stress and access the mental health services they need, focusing on services geared toward the issues that students of marginalized backgrounds face
6. To provide a free and functional meeting space for students of the CORES and COPS organizations to collaborate with one another
7. To provide a cost-free space for RSOs, CORES, and COPS to showcase cultural talent
8. To aid in the creation of educational equity for students on Michigan State's campus
9. To provide a space for students to organize, advocate, grow, and build solidarity with each other

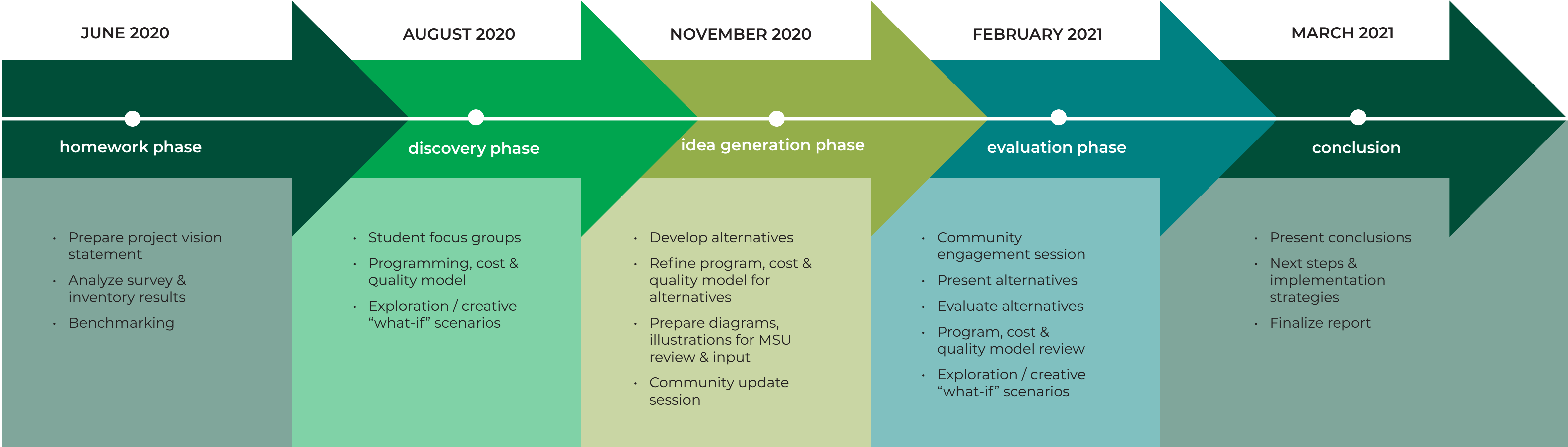
Student-Written 5 Pillars



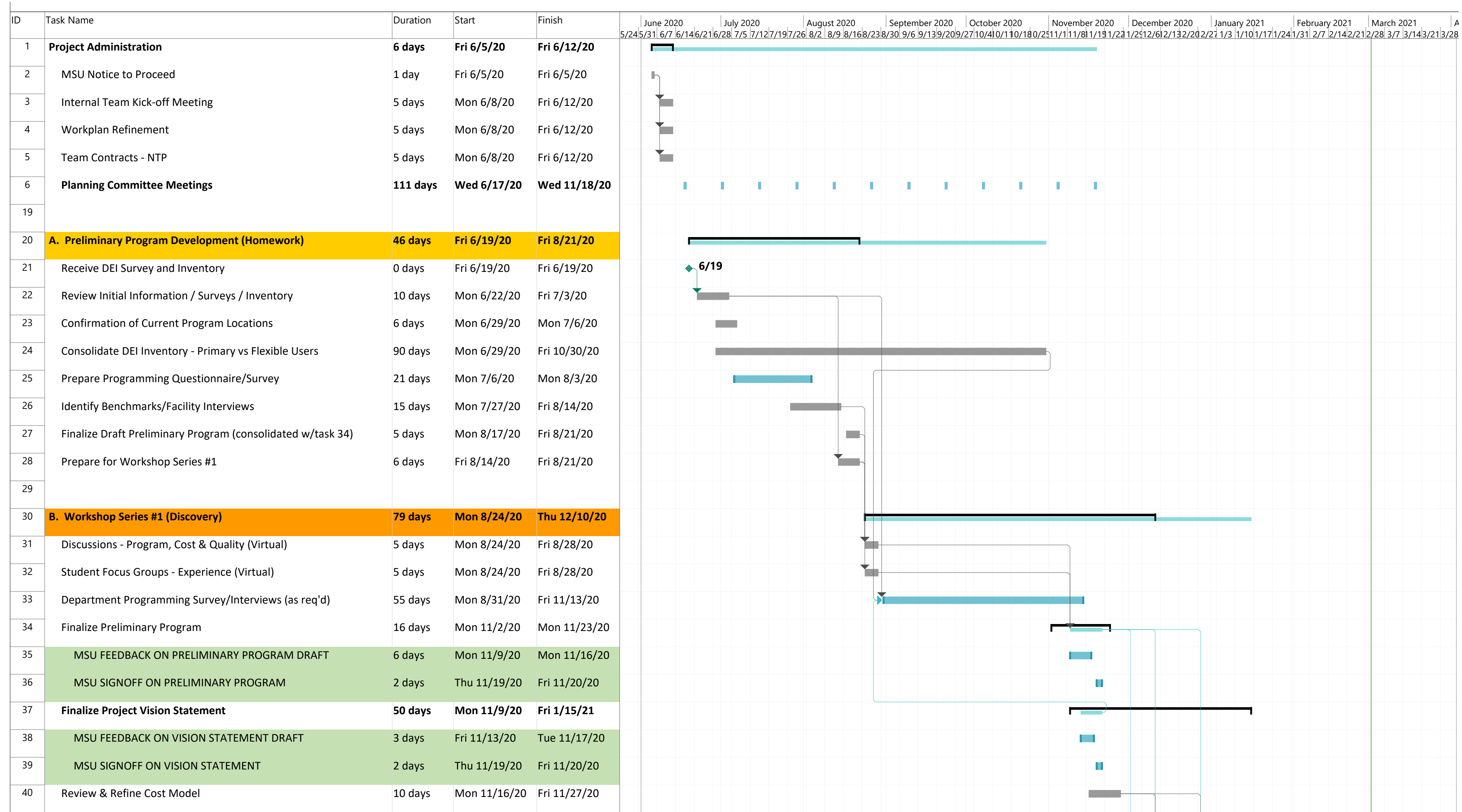
2.6 | INTRODUCTION | PROJECT TEAM



2.7 | INTRODUCTION | PROJECT PROCESS



2.8 | INTRODUCTION | PROJECT TIMELINE



2.8 | INTRODUCTION | PROJECT TIMELINE (CONTINUED)





MSU MULTICULTURAL CENTER FEASIBILITY REPORT

3. Preliminary Analysis

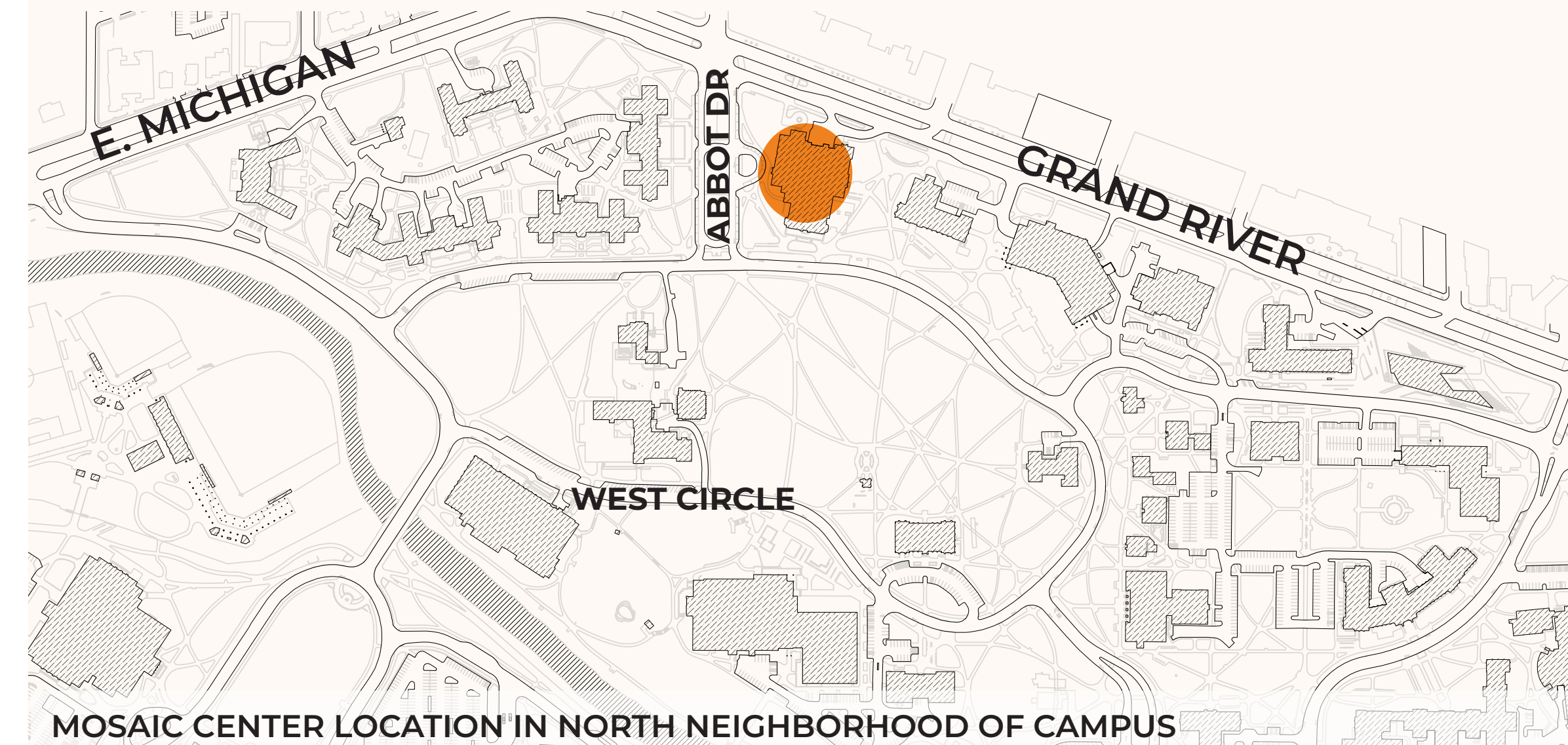
3.1 | PRELIMINARY ANALYSIS | EXISTING FACILITY ANALYSIS

MOSAIC: Multicultural Unity Center

The existing multicultural center, known as MOSAIC: Multicultural Unity Center, is located on the second floor of the MSU Student Union. The MSU Student Union is located in the **North Neighborhood**, and is adjacent to Grand Avenue and Abbot Drive.

The MOSAIC Center is approximately **4,000 square feet** and includes a reception area, a large multipurpose room, formal and informal student group meeting rooms and workspaces, student group storage/lockers, and a director's office. There is also an informal seating area surrounded by display cases for curating cultural items, as well as electronic displays for curating stories and communicating events.

The MOSAIC Center focuses on creating a space where students, faculty, and staff can build their capacity to **meaningfully engage** across difference. The center creates opportunity for **multicultural unity** and intercultural relations through curricular and social programming. A major component to the MOSAIC Center is the **MRULE-ICA** (Multi-Racial Unity Living Experience and Intercultural Aide) programs, which unites students across difference to develop genuine relationships, **build community**, and promote **academic success**. This is achieved through training and education, round-table discussions, service and social events, and campus partnership.



MOSAIC Center Core Values

1

Integrity and Truthfulness

- We strive to match our words with our actions.
- Like a garden, we envision a community where individuals are growing into their unique selves, while still a part of something larger than themselves.

2

Humanity and Curiosity

- We are committed to growing over the long term, and choose to see others in a journey of long-term growth.
- We are humble team members. We are curious about the way others see and understand things, and look for ways to share our learning.

3

Courage and Perseverance

- We are willing to look deeper and farther than what is popular or in demand. We question social norms.
- We are willing to do things that are uncomfortable. We are willing to do what we think is right, even if the people around us are not.

4

Boundaries and Personal Responsibility

- We take responsibility for our physical and mental health. We practice saying “yes” and “no” to create a balance between personal and collective wellbeing.

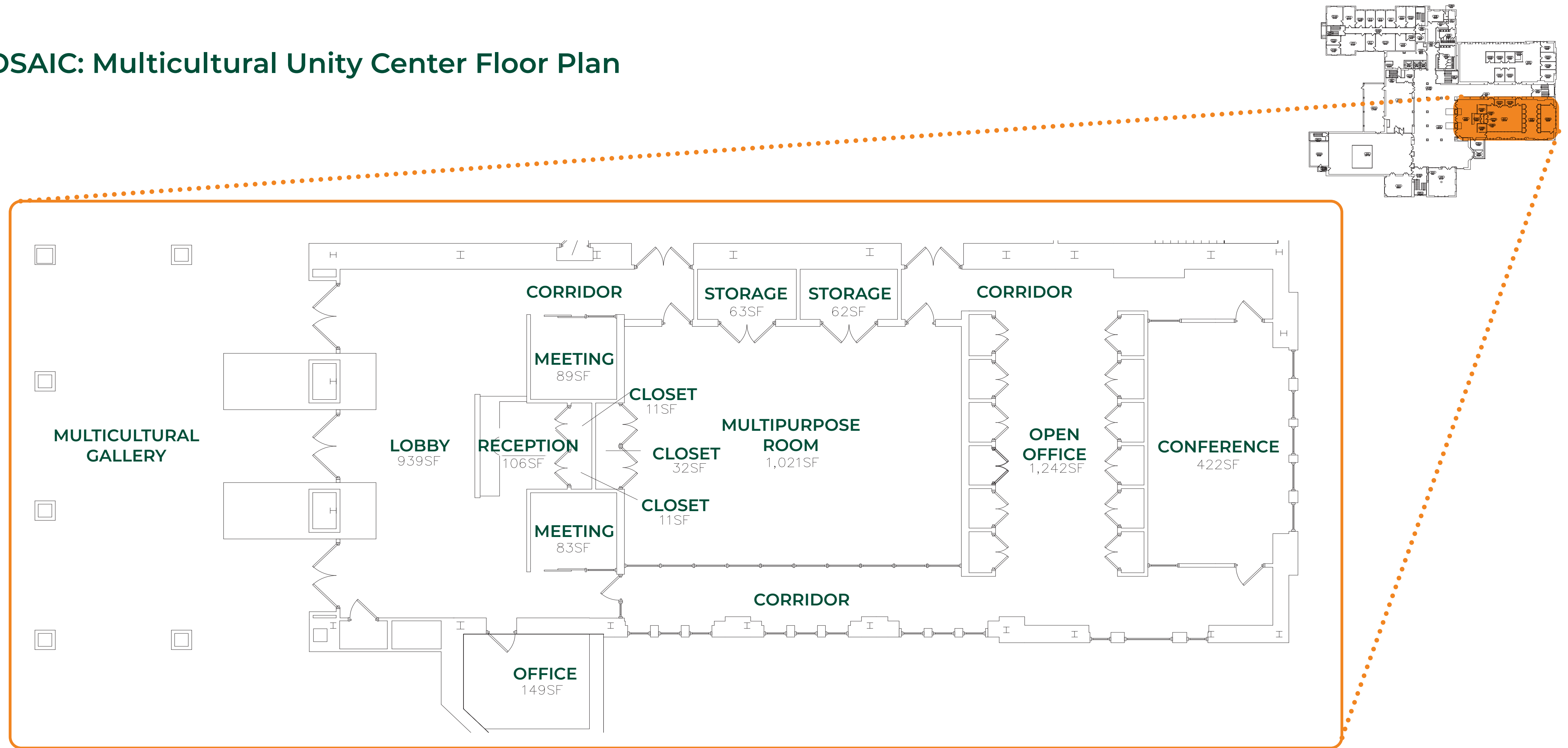
5

Resourcefulness and Willingness to Ask for Help

- We look for ways we can work together. We accept that difficult things don't have to be done alone and it's okay to ask for help.
- We continuously work to gain a richer understanding of the world. We invoke multiple sources, experiences and fields of study into our understanding of how to progress.

3.1 | PRELIMINARY ANALYSIS | EXISTING FACILITY ANALYSIS

MOSAIC: Multicultural Unity Center Floor Plan



3.1 | PRELIMINARY ANALYSIS | EXISTING FACILITY ANALYSIS

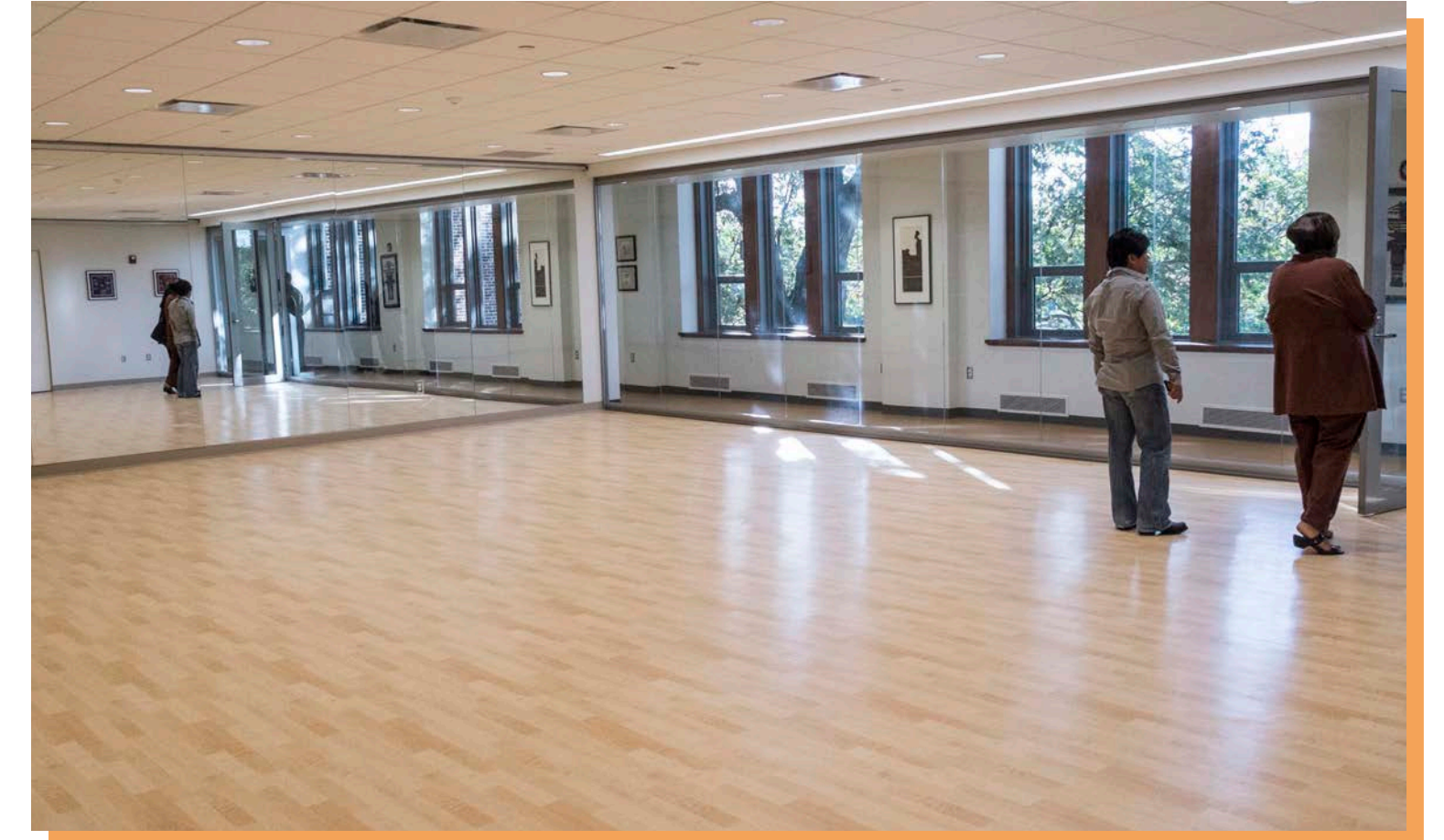
MOSAIC: Multicultural Unity Center Photos



Multicultural Gallery



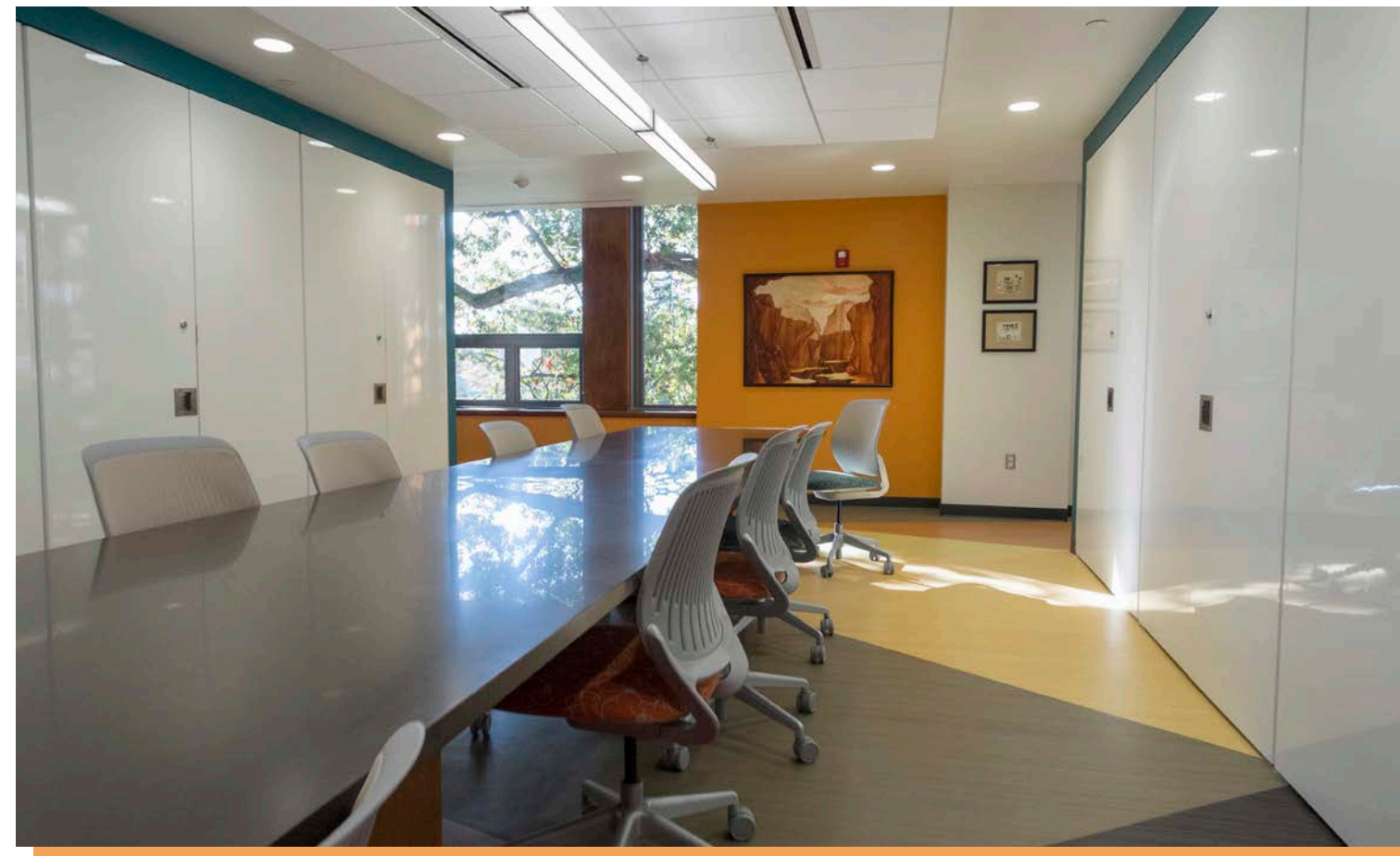
Reception



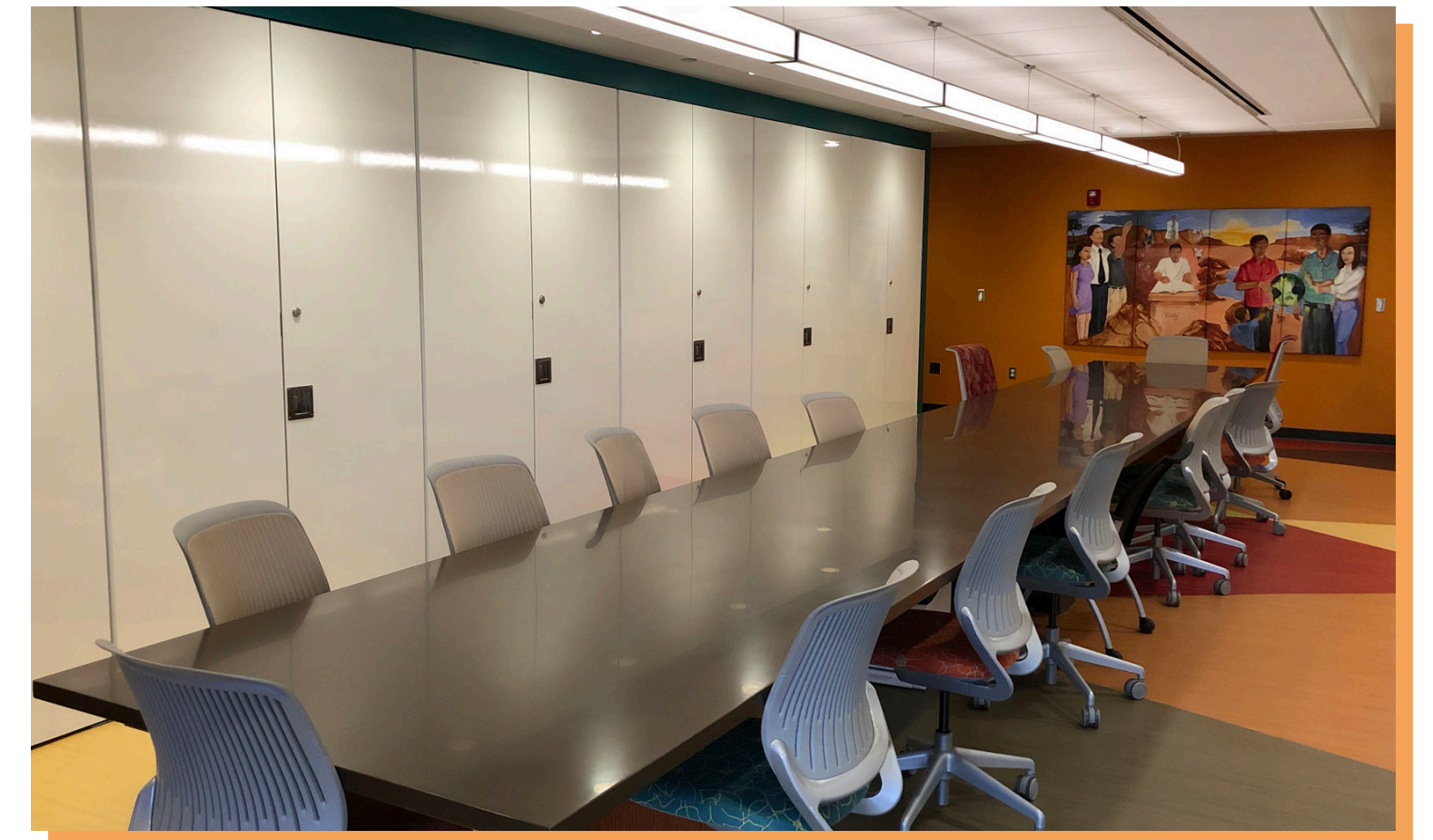
Multipurpose Room



Conference Room



Open Office



Open Office

3.1 | PRELIMINARY ANALYSIS | EXISTING FACILITY ANALYSIS

MOSAIC Center Interview

To gain a greater understanding of the MOSAIC Center's current operations and utilization, and to build upon its existing success, Maggie Chen Hernandez, Director, was interviewed.



Operations

Typical Hours of Operation:

- Sunday: Noon – 11pm
- Monday – Thursday: 9am – 11pm
- Friday: 9am – 6pm
- Saturday: appointment only

Staff:

- Two full-time staff members
- Six to twelve student employees who may work up to ten hours a week
- A three person team was created to generate programming. Partnerships across campus became very important as their work developed

Goals

- To create opportunities for people of different backgrounds to congregate and learn about each other
- To create engaged learning opportunities for students, faculty, staff and community members at MSU around social issues
- An intergroup focus

Utilization

- Students can use the space once every two weeks for up to two hours. There is no charge to use the space.
- First time visitors using the space sign an agreement form which states the expectations of using a shared space
- Students-boards may bring in food, but for formal events, they must order through MSU catering. There is a desire for more multicultural and affordable catering options. Food is a critical part of understanding the identities of our diverse world
- Students can bring their lunch, dinner, etc., or purchase from the food court or Sparty's located on the first floor
- The multipurpose room has a dance floor, and the space is primarily used for dance practices. It is also used for Dialogues and MRULE
- Twenty-five to thirty different dance groups use the multipurpose room
- One year they hosted nearly 300 round table discussions in the multipurpose room
- MPHMC Multicultural Greek orgs make use of the center. Some have closet space for storage, some host events in the center. During certain academic years they may have E-board meetings at the center
- The LGBTQ resource center often uses the space in addition to their space in the Student Services Building. The student services building space feels more homey and safe compared to the center.
- On-campus and off-campus students have found the space and use it as a safe space to study, eat, sleep, etc.
- The center has become a home-away-from-home, used daily by students

3.1 | PRELIMINARY ANALYSIS | **EXISTING FACILITY ANALYSIS**

MOSAIC Center Interview

Art

- There are large display cases in the center. There is a desire to change out the display cases in a way that is engaging to the public.
- There is a desire for art. There are complexities to creating an exhibit in this public space that creates a message that people will walk away with.
- Management of the displays is critical, complex and expensive
- The current space does not have a lot of wall space to display art

Existing Space

- The existing space has limited storage space for the center's belongings. Storage in the space was reserved for students. The staff uses some of this storage now.
- Students don't prefer to use the open work area for gatherings because it's not very private
- A critical component is security and safety for students when they are meeting together. A certain amount of privacy is required to talk freely with each other.
- The multipurpose room is the most flexible and demanded space in the center
- Acoustics in the existing space are poor, especially considering the heavy use of the of multipurpose room for dance practice
- Ability to plug in and charge phones, laptops, etc. is very important, and the center has added extension cords and charging capabilities to keep up with student technology demands
- Students have expressed desire for charging capabilities to be integrated into conference room table

Recommendations for New Facility

- It is recommended to include a kitchen/kitchenette in a new center. When the center moved the 2nd floor, there was no longer a kitchenette and students were upset. The basement kitchenette was very small, and would be packed with food during events. It was important to students. There have been discussions of students envisioning a kitchen space where they could come together and fix a meal together.
- More meeting spaces (12-30 smaller meeting spaces) that accommodate groups of different size
- Would like to see smaller rooms for small groups to meet together
- Think about the essential elements of a home and provide the equivalent. This provides the notion of belonging
- More storage space that is secured for the staff

3.1 | PRELIMINARY ANALYSIS | **EXISTING FACILITY ANALYSIS**

MOSAIC Center SWOT Analysis

S

STRENGTHS

- Meaningful engagements and programming
- High student involvement through MRULE ICA and round table discussions
- Builds community
- Open seven days a week
- An intergroup focus
- Nearby access to food
- Dance practice space with proper amenities
- A home-away-from-home
- Repeat visits and daily utilization by students

W

WEAKNESSES

- Location in North Neighborhood may limit the number of students that can access the center on a daily basis
- Location on the second floor of the MSU Student Union has limited visibility, reducing the awareness and foot traffic
- Lack of multicultural and affordable food options
- Lack of storage space for staff
- No kitchen/kitchenette space
- Has a more corporate, professional atmosphere than students desire
- Poor acoustics

O

OPPORTUNITIES

- Students have expressed a desire for expanded hours of operation
- Expand partnerships across campus and connect resources relating to DEI
- Students have expressed a desire for a space for intracultural education in addition to intercultural education
- Expand to serve more students
- Provide a variety of spaces with different levels of privacy and acoustics
- Create a more homey, approachable atmosphere
- Increase security and safety to students of marginalized backgrounds
- Modernized technology to reflect the needs of current and future student populations

T

THREATS

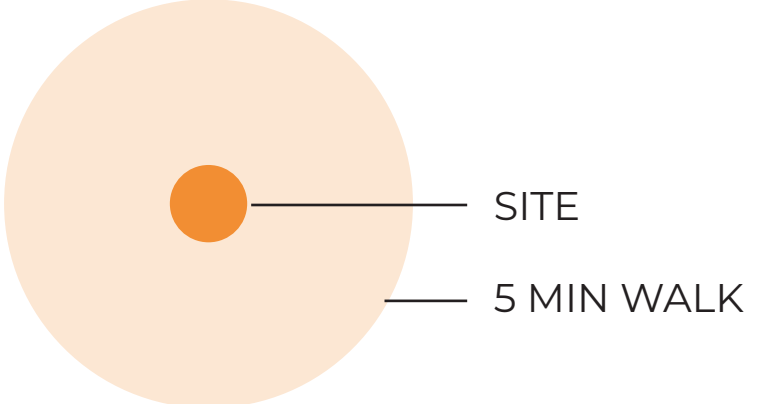
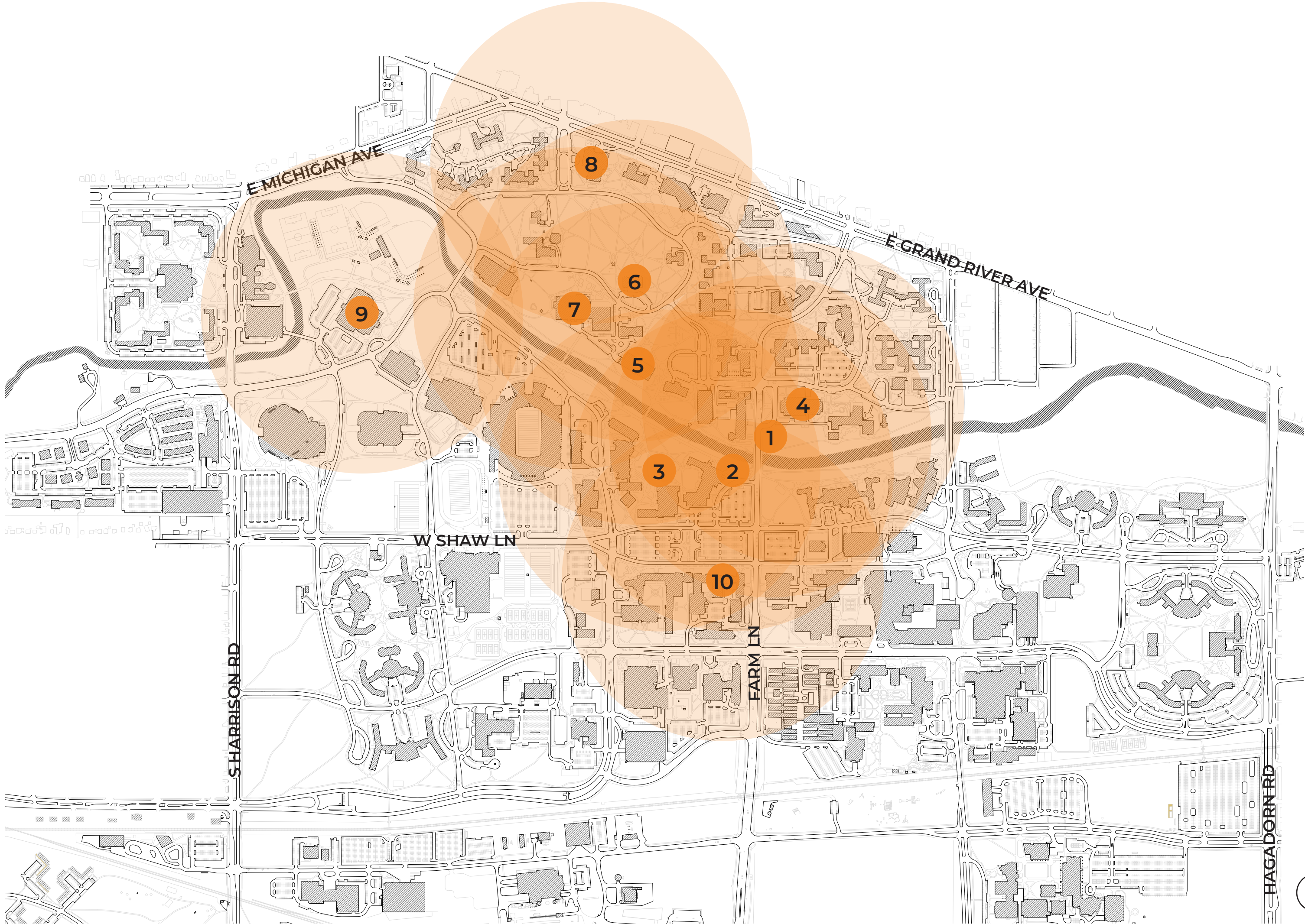
- It is challenging to have resources to hire students to cover all hours of operation
- The space is limited, and does not have enough room for all of the student groups and organizations that would like to use it
- Because space is limited, students are restricted on how often they can use some of the spaces, such as the multipurpose room
- Financial resources

3.2 | PRELIMINARY ANALYSIS | SOCIAL ACTIVISM SITES

Social Activism Sites

Before the creation of the Mosaic Multicultural Unity Center, student-led activism has been an integral part of Michigan State's history, from protests and sit-ins, to marches, speeches, and demonstrations. Furthermore, many of these events are linked to specific sites on campus that are still recognized by students and faculty today.

While this map is by no means an exhaustive list, by plotting these locations, a correlation between activism-related sites and the potential location for the new MSU Multicultural Center can be examined.



3.2 | PRELIMINARY ANALYSIS | SOCIAL ACTIVISM SITES

1 The Rock

Gifted by the Class of 1873, the Rock has become a popular and iconic meeting spot. It is painted anew almost every day by students and student groups, whether to promote an event or an organization, to proclaim one's love, or to memorialize someone.

2 Kiva @ Erickson Hall

January 23, 1963 – Malcolm X gave his speech “The Race Problem in America” after being invited by MSU’s NAACP student chapter and the African Students Association. In October 2017, his daughter, Ilyasah Shabazz, also gave a talk in the Kiva to promote her book, *X: A Novel*, a fictionalized account of her father growing up in and being influenced by the Lansing area.

3 People’s Park

During the spring of 1970, residents and students pitched tents or set up improvised lean-to’s, and was started to explore alternative ways of living, other than what was prescribed by MSU and society. Students who camped there protested everything from the United States’ involvement in Cambodia to chain fences around grassy areas on campus.

4 MSU Auditorium

February 11, 1965 – Dr. Martin Luther King, Jr. spoke to launch the Student Tutorial Education Project (STEP).

5 Administration Building

May 1989 – Black students hold a peaceful occupation for ten days to bring attention to racial and ethnic student issues. Among the demands of the sit-in were to increase diverse hiring, and to require the administration to seek input from minority and indigenous student groups.

6 Beaumont Tower

During its 1929 dedication ceremony, President Shaw stated that he envisioned the tower would serve as a unifying factor to all students, faculty, and staff, and would become a meeting place for student groups and organizations.

Since then, it has hosted dozens of marches, rallies, protests, and demonstrations over the years such as the 1991 Pride Week March and a 1974 rally in support of the United Farm Workers’ strike against non-union lettuce and grapes.

7 Main Library

February 18, 1999 – In response to not being given the proper resources to learn about their own cultures, Chicano-Latino students checked out over 4,500 books in one day. Their objective was to prevent other students from learning about their history and culture just as they were unable to, and to demand the creation of a Chicano-Latino studies program as well as the hiring of more Chicano-Latino faculty.

December 7, 2014 – Members of the Black Student Alliance hold “die-in” protests in response to police brutality and racism against the Black community following the murders of Michael Brown and Eric Garner.

8 MSU Union

April 5, 1999 – Leslie Feinberg, transgender activist and author, spoke to an audience of 300 people as part of Pride Week.

Jan 18, 2014 – 10th Anniversary of the MLK Student Leadership Conference hosted.

9 Jenison Field House

March 15, 1963 – The Game of Change was a college matchup during the 1963 NCAA Basketball Tournament between an all-white Mississippi State team and the integrated Loyola team, and is seen as a watershed moment in the intersection of the Civil Rights Movement and sports.

At a time when the sport was predominately white, Loyola had four black starters while Mississippi State was still a segregated university. Not only did Mississippi State defy a court order preventing them from leaving the state and playing an integrated team, Loyola beat them 61-51.

10 Anthony Hall

February 12-20, 1966 – MSU celebrates Black History for the first time with a symposium. Speakers included Seymour Parker, professor of social science and anthropology; Milton Rokeach, professor of psychology; and Stuart Dunnings, Lansing attorney. State Senator Coleman Young and David Ziblatt, professor of political science, also spoke informally.

3.3 | PRELIMINARY ANALYSIS | BENCHMARKING



SAMUEL E. KELLY ETHNIC CULTURAL CENTER



CULTURAL, ETHNIC AND GENDER/ WOMEN'S STUDIES CENTER



FRANK W. HALE JR. BLACK CULTURAL CENTER



TROTTER MULTICULTURAL CENTER



BALL STATE MULTICULTURAL CENTER



JACKIE D. GAUGHAN MULTICULTURAL CENTER

Benchmarking Overview

Six multicultural centers from across the nation were selected for benchmarking purposes. The facilities range from 10,500 square feet to 105,000 square feet, from renovation to new construction, and with grand opening dates from 2013 through 2025. This range was selected to provide a wide lens analysis of the considerations and intricacies of multicultural center design. The facilities were compared for their operations, programs, amenities, usage, building construction, and cost.

Three of the facilities were reviewed through interviews with the facilities' staff and faculty while the remaining facilities were designed and completed by Moody Nolan and were internally reviewed.

- Interviewed Facility
- Moody Nolan/Internally Reviewed Facility

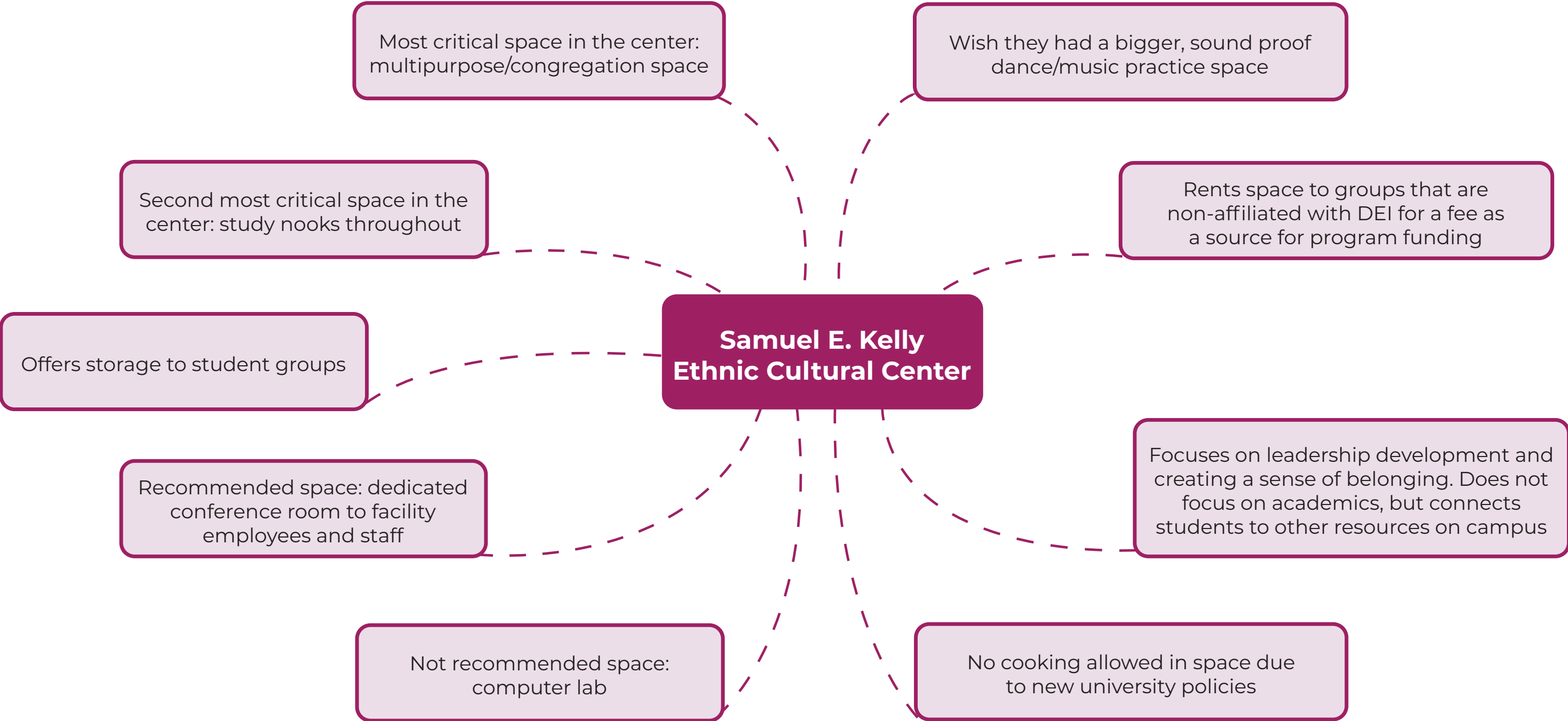
3.3 | PRELIMINARY ANALYSIS | BENCHMARKING



Samuel E. Kelly Ethnic Cultural Center

The Kelly center is located at the University of Washington in Seattle, Washington. The facility is 25,000 square feet, and a renovation was completed in 2013.

The Director of the Samuel E. Kelly Ethnic Cultural Center, Magdalena Fonseca, and the Assistant Director, Cicero Delfin, were interviewed on August 7, 2020. Key takeaways from the conversation are illustrated in the graphic to the right.



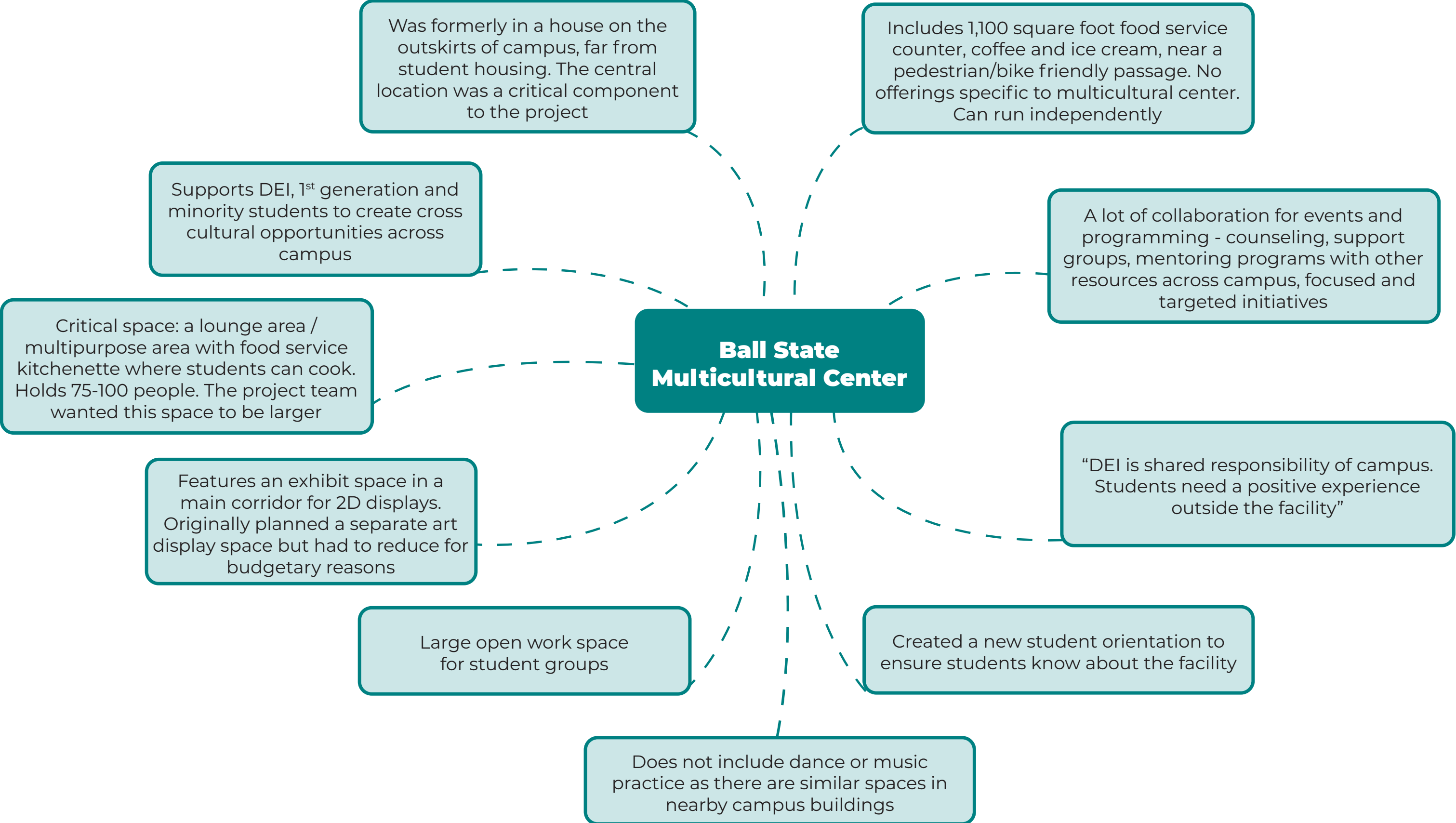
3.3 | PRELIMINARY ANALYSIS | BENCHMARKING



Ball State Multicultural Center

The Ball State Multicultural Center is located at Ball State University in Muncie, Indiana. The facility is 10,500 square feet, is new construction, and is slated for completion in 2021.

The Director of Facilities Planning, Greg Graham, and the Director of the Multicultural Center, Bobby Steel, were interviewed on August 13, 2020. Key takeaways from the conversation are illustrated in the graphic to the right.



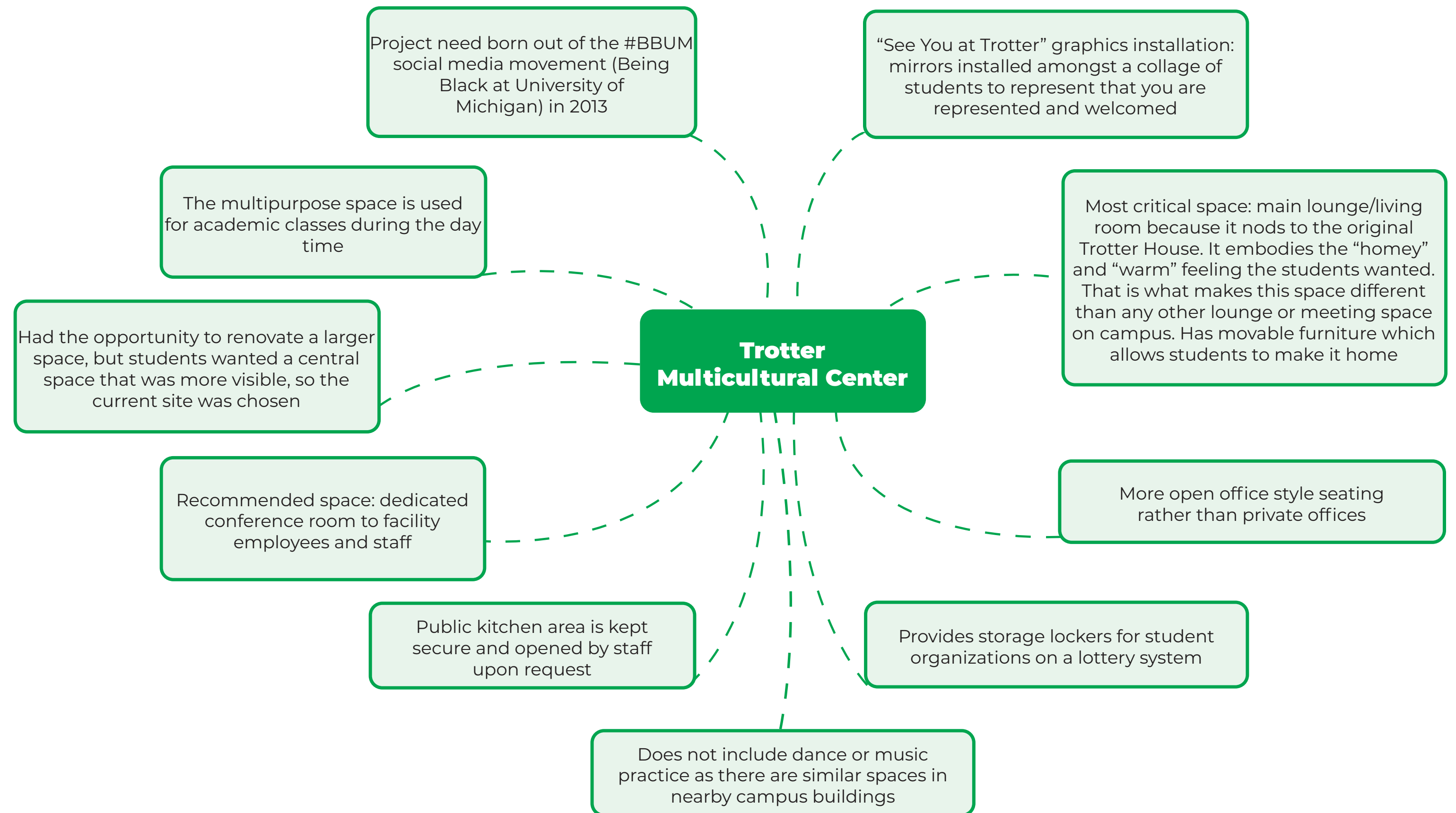
3.3 | PRELIMINARY ANALYSIS | BENCHMARKING



Trotter Multicultural Center

The Trotter Multicultural Center is located at the University of Michigan in Ann Arbor, Michigan. The facility is 11,000 square feet, is new construction, and was completed in 2019.

Robert Yurk, Director of Auxiliary Capital Projects, was interviewed on August 1, 2020. Key takeaways from the conversation are illustrated in the graphic to the right.

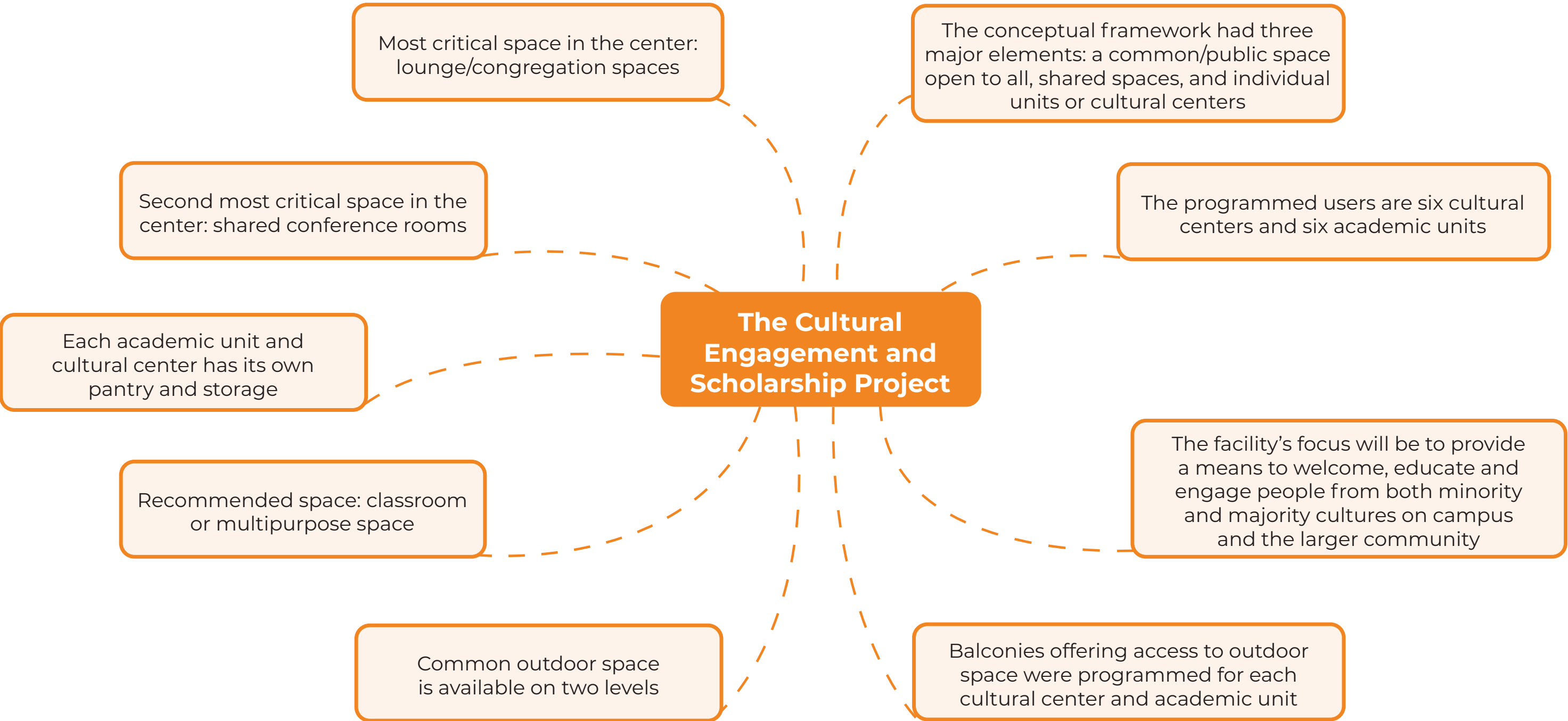


3.3 | PRELIMINARY ANALYSIS | **BENCHMARKING**



**Cultural, Ethnic, and Gender/
Women’s Studies Center**

The feasibility study focused on a new facility located on a site at the corner of E. Chalmers Street and S. 6th Street, east of the main campus quad, at the University of Illinois Urbana Champaign.



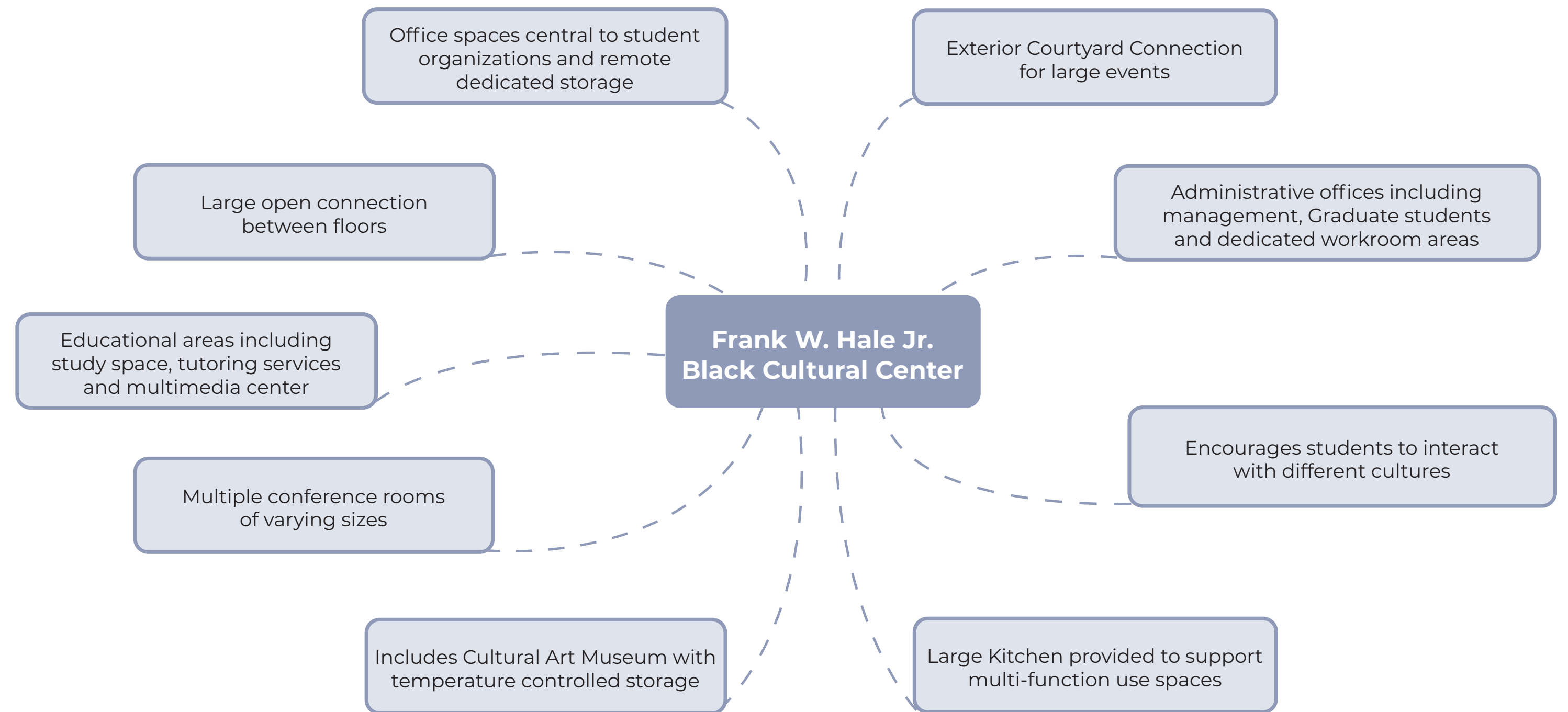
3.3 | PRELIMINARY ANALYSIS | BENCHMARKING



Frank W. Hale Jr. Black Cultural Center

The Frank W. Hale Jr. Black Cultural Center is located at the Ohio State University in Columbus, Ohio. The facility is 47,000 square feet, with an intended 20,000 square foot renovation and addition to be completed to house the Office of Diversity and Inclusion.

The Frank W. Hale Jr. Black Cultural Center has served as a home away from home to students since 1911 and is housed in the nation's fourth constructed student center. The historically registered building has had multiple additions and expansions due to student growth and inefficient interior footprints for today's modern room standards.



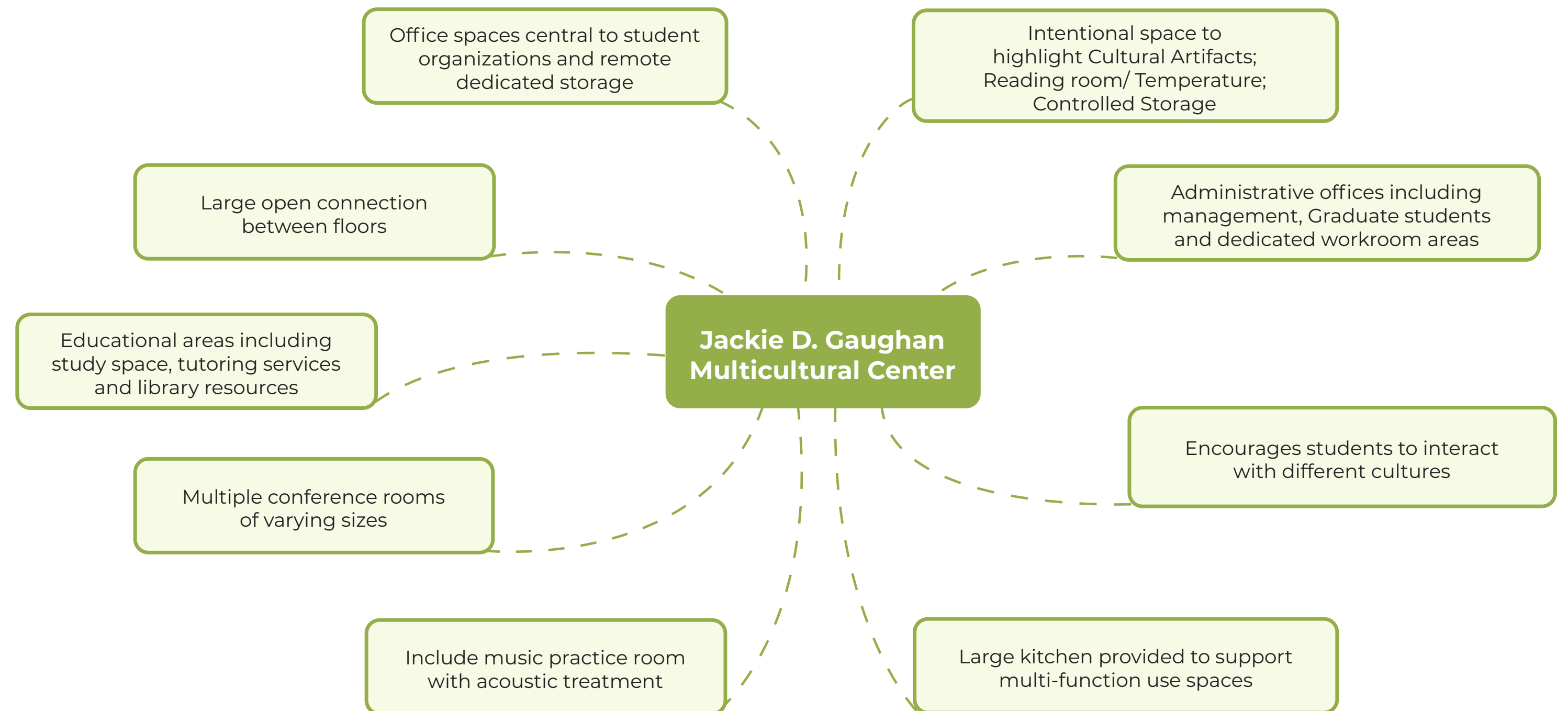
3.3 | PRELIMINARY ANALYSIS | BENCHMARKING



Jackie D. Gaughan Multicultural Center

The 30,000 square foot facility is located at the University of Nebraska, Lincoln and at the time of completion, was the nation's largest multicultural center attached to a student union.

The Gaughan Center provides a home away from home for underrepresented students, while welcoming all UNL students, faculty, staff, alumni and guests. Multiple study/lounge spaces, student organization offices, collaboration areas and varying programmatic support spaces are provided in the Center.



3.4 | PRELIMINARY ANALYSIS | **DEI STUDENT SURVEY**

DEI Student Survey Overview

In April 2020, the MSU Planning Committee issued a survey to students affiliated with the Diversity, Equity, and Inclusion (DEI) organizations and efforts on campus.

The survey was intended to collect student input on a multicultural center for the design team, and to be shared with as many students as possible. The survey had 352 respondents.

The following questions were asked in the survey.

1

“What does a multicultural center mean to you?”

2

“What 3 key things would you like to see in a multicultural center?”

3

“What types of programs should be held in a multicultural center?”

3.4 | PRELIMINARY ANALYSIS | **DEI STUDENT SURVEY**

Survey Responses

Word Frequency Analysis

- Community (115 responses)
- Safe (126 responses)
- Meetings (124 responses)
- Study (99 responses)
- Diversity (99 responses)
- Resources (76 responses)
- Support (63 responses)
- Learn (62 responses)
- Food (56 responses)
- Art (48 responses)

A Space That Will Make You Feel...

- Safe
- Supported
- Accepted
- Appreciated
- Comforted
- Welcomed
- Nourished

A Place That Will...

- Be a physical symbol of diverse identities
- Celebrate differences
- Promote community and learning
- Foster safety, advocacy and social development
- Empower and integrate minorities
- Construct solidarity
- Teach awareness

A Place That Will (continued)...

- Allow exploration of heritage and past
- Promote cultural diversity
- Encourage collaboration
- Help individuals find strength
- Allow free expression
- Allow self-growth
- Allow for networking and meeting new people
- Advocate and promote social issues
- Be a home-away-from-home
- A place of belonging
- Be a physical environment as a means to identity
- Provide a broader vision of diverse experiences
- Be the culmination of decades of student activism
- Help achieve goals
- Connect shared experiences
- Not impose any political ideology
- Defy norms and standards
- Be without judgment and prejudice

3.4 | PRELIMINARY ANALYSIS | DEI STUDENT SURVEY

Survey Responses*

Key Elements

- Large auditorium for performances
- Art exhibit of different cultures
- Centralized open gathering space
- Dining Hall/kitchenette/café
- Study rooms/areas
- Meeting rooms
- Collaborative spaces
- Therapy/support rooms
- Access to mental health programs
- Resource center
- Advanced technology/computer labs
- Media room/movie theater
- Dance studio
- Prayer Area
- Multi-purpose/flexible spaces
- Art studio
- Lounge/relaxation area
- Office spaces
- Gender inclusive toilet rooms
- Game area

Key Elements (continued)

- Lecture/seminar hall
- Fitness center

Desired Programs

- Cultural performances/events/activities/fairs
- Art exhibits and classes
- Film showings
- Cooking classes
- Community forums/outreach/service/engagements
- Cultural enrichment/awareness programs
- Religious events
- Public seminars on social issues
- Mentorship
- Study groups
- Open mic/story sharing
- Fundraisers
- Leadership conferences/development (pre and post grad)
- Club meetings
- Dance workshops/classes

Desired Resources

- Career training for students of underrepresented populations/career fairs
- Support & advocacy resources
- Counseling & therapy services
- Research opportunities
- Immigration services
- Life planning (teaches about home and car ownership, taxes, financial planning, etc.)
- Tutoring
- Educational meetings/support programs
- DEI training

* Responses listed in no particular order

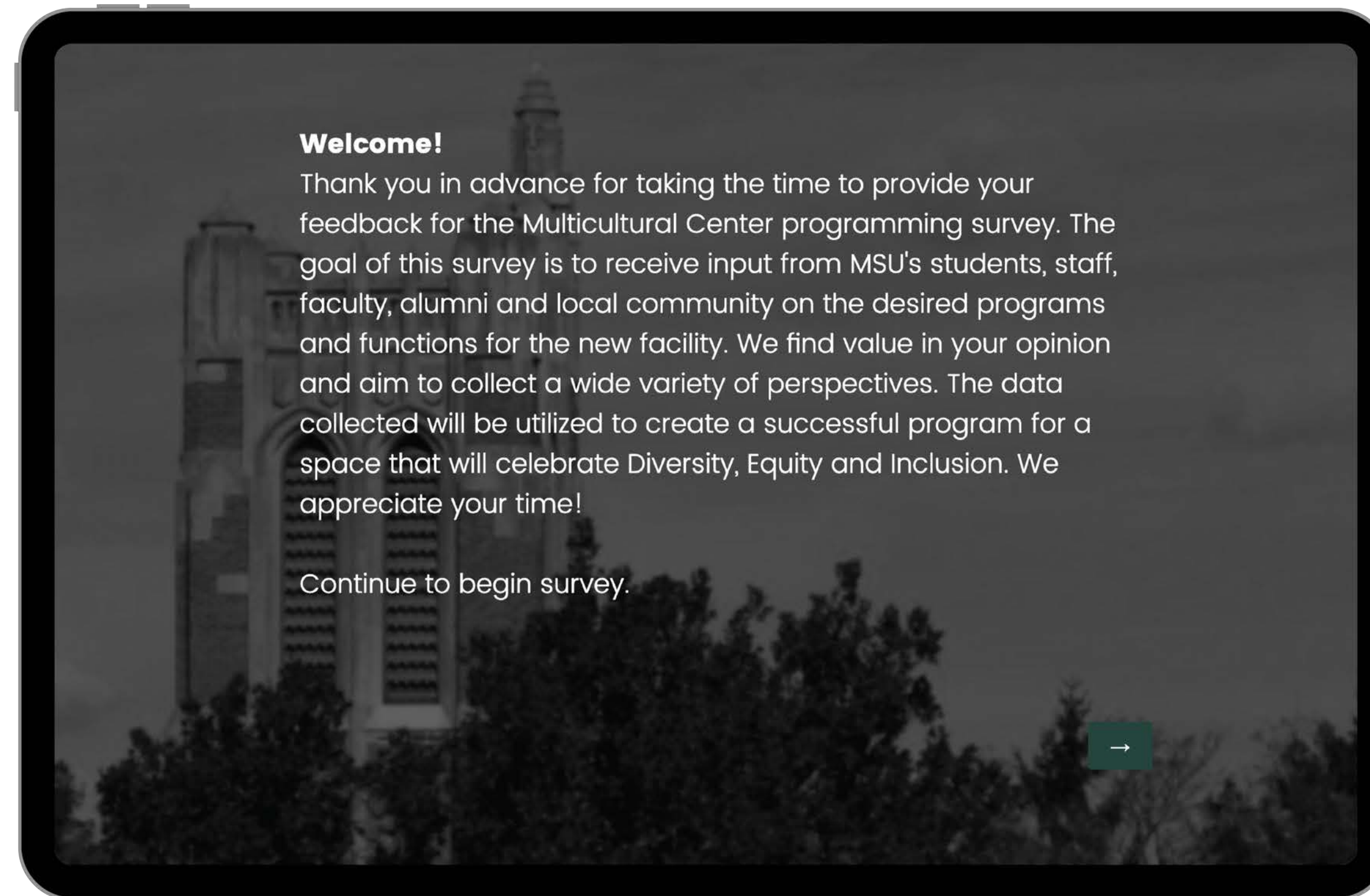
3.5 | PRELIMINARY ANALYSIS | **CAMPUS SURVEY**

Campus Survey Overview

In August 2020, the Project Team issued a campus survey to all students, alumni, faculty, and staff to gauge current perspectives and expectations for a multicultural center. The survey had nearly 9,000 respondents. The following pages are an analysis of the results of the survey that provided key insight.

Survey Questions:

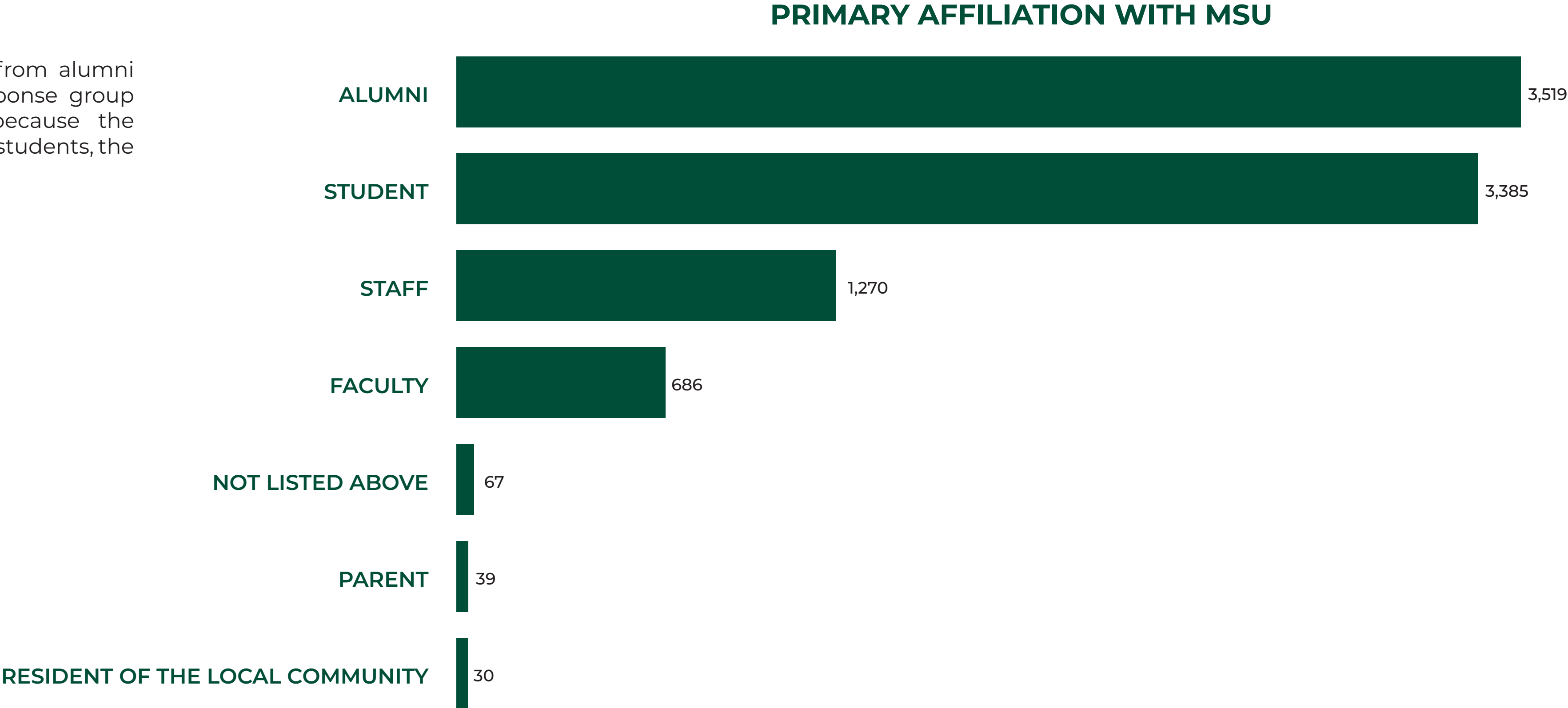
1. What is your primary affiliation with MSU?
2. When you are on MSU's campus, what mode(s) of transportation do you utilize? Select all that apply.
3. What is your current opinion of MSU regarding the following statements?
4. Is it important to you to meet people with racial/ethnic/gender-based backgrounds similar to your own?
5. Have you found spaces at MSU to do this?
6. Is it important to you to meet people with racial/ethnic/gender-based backgrounds different than your own?
7. Have you found spaces at MSU to do this?
8. Are you aware that the MOSAIC Multicultural Unity Center in the MSU Union exists?
9. Have you visited the center before?
10. How did you become aware of the MOSAIC Multicultural Unity Center? Check all that apply.
11. Please select 3 points on the map below where you would like a new Multicultural Center to be potentially located.



3.5 | PRELIMINARY ANALYSIS | CAMPUS SURVEY

Background Information

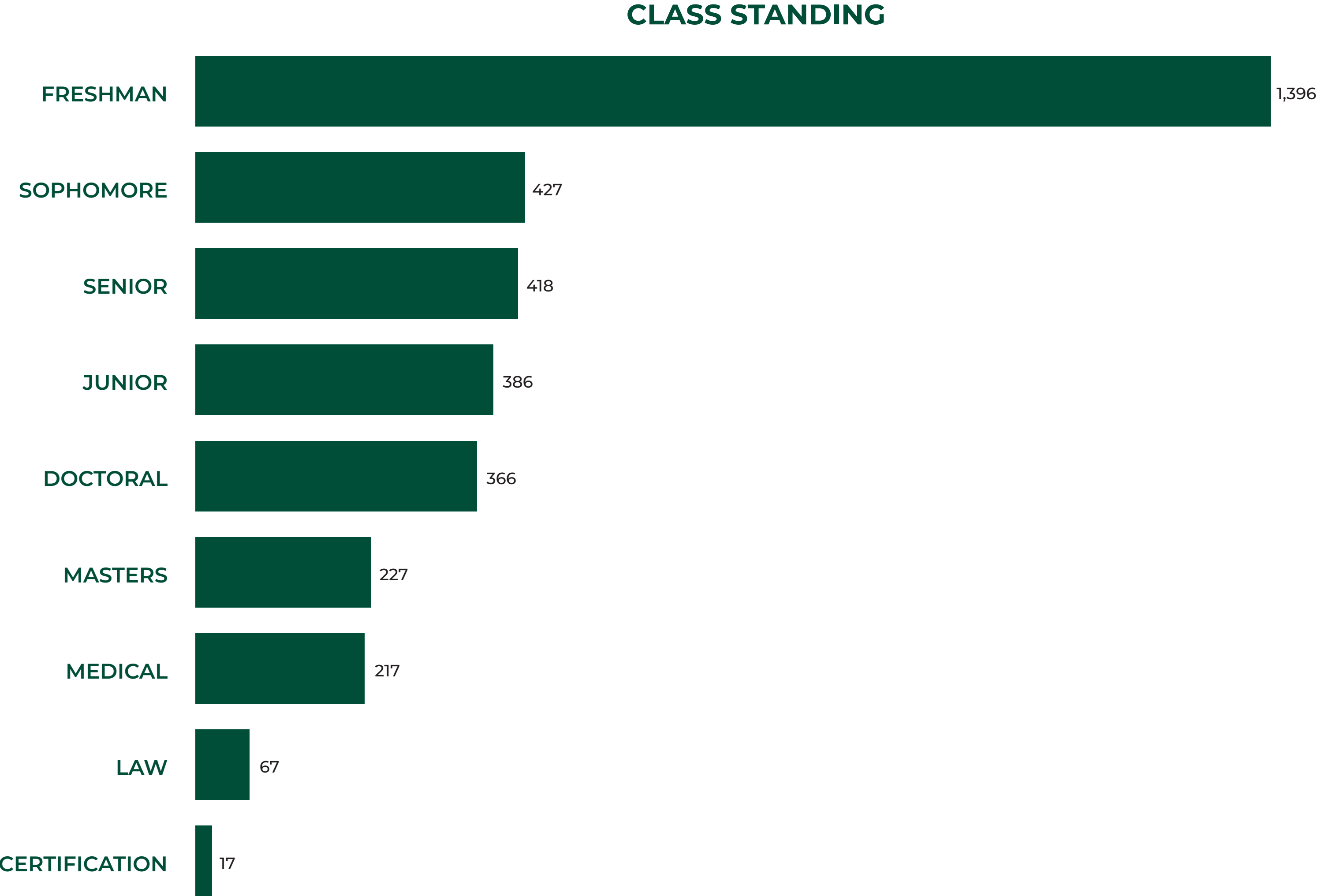
The survey had an extremely high response from alumni with 3,519 respondents. The next highest response group was students with 3,385 responses, and because the Multicultural Center’s first priority is to serve the students, the student responses were most heavily reviewed.



3.5 | PRELIMINARY ANALYSIS | **CAMPUS SURVEY**

Background Information

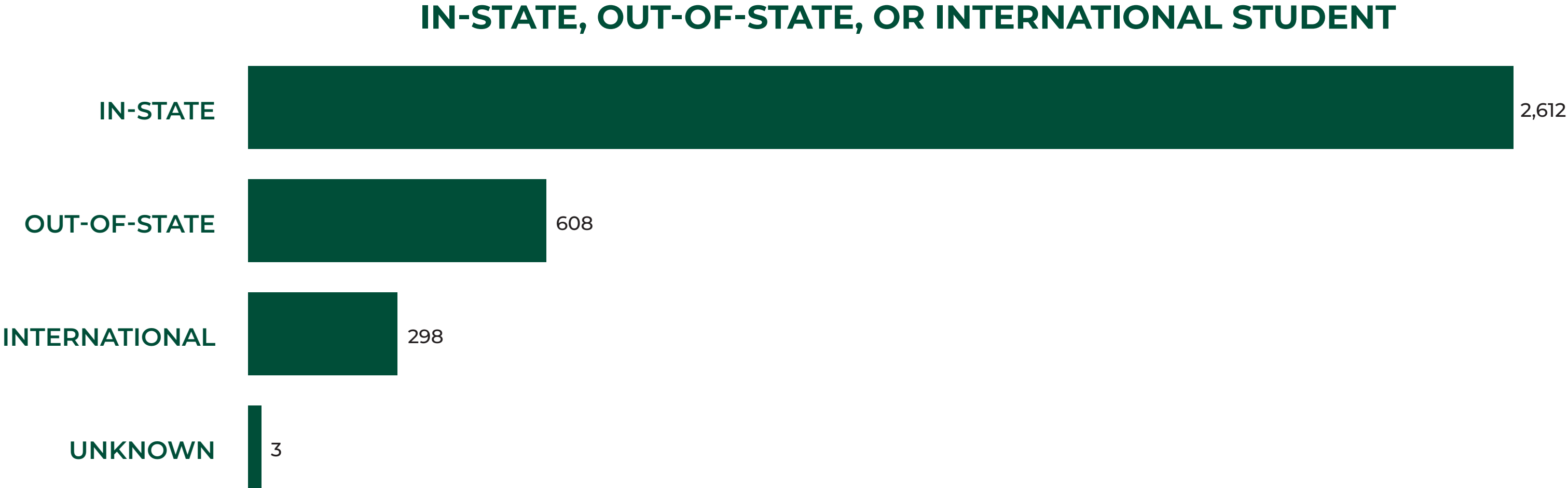
The survey used embedded content to extract public information about the respondents. This allowed the design team to know a respondent's class standing, in- or out-of-state status, home country, and college. This gave the team the opportunity to understand the population taking the survey and identify opportunities to increase participation amongst different student groups in future work sessions in order to gain a wider variety of perspectives.



3.5 | PRELIMINARY ANALYSIS | CAMPUS SURVEY

Background Information

Most of the survey respondents were in-state students, followed by out-of-state and international students.

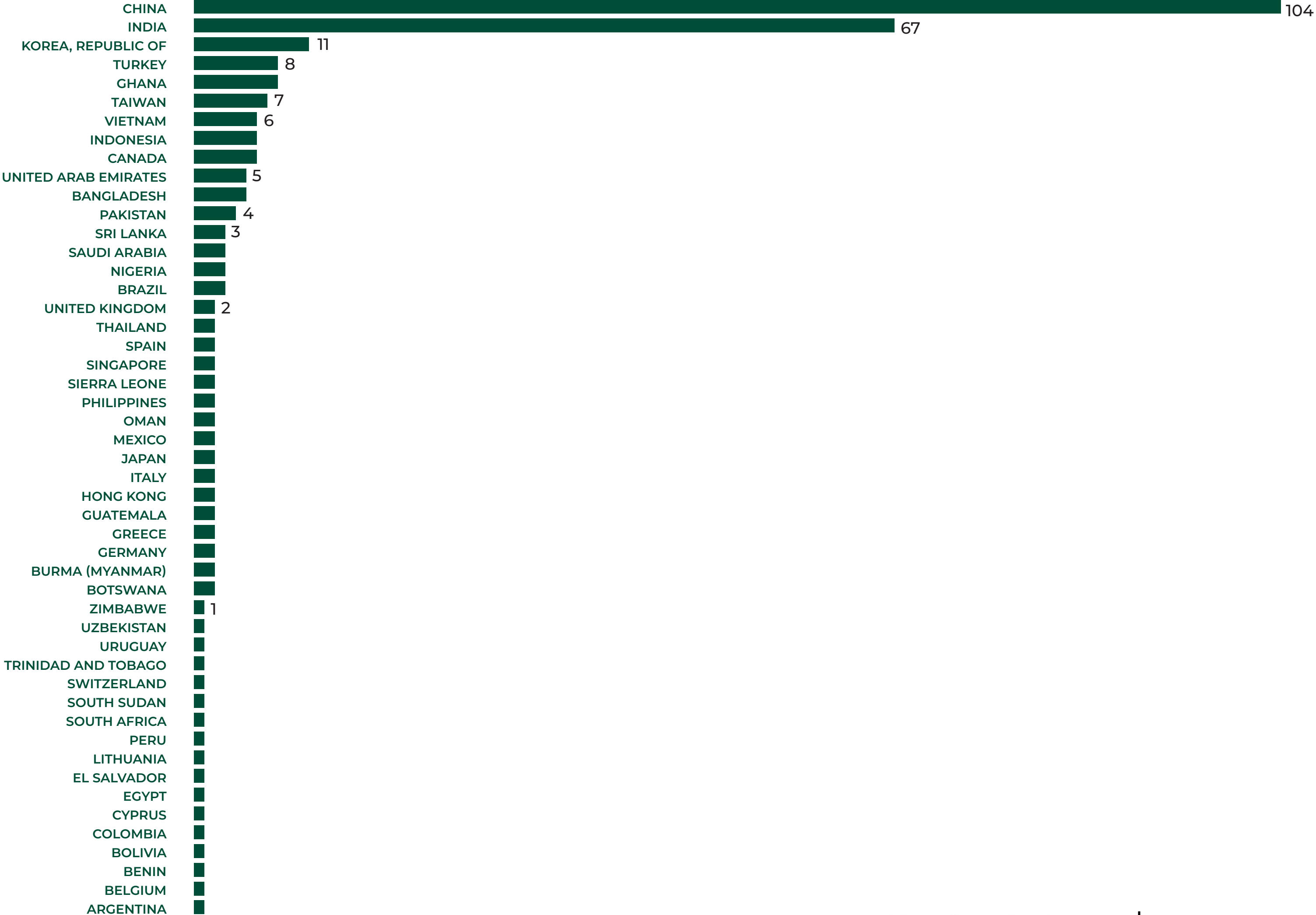


3.5 | PRELIMINARY ANALYSIS | CAMPUS SURVEY

Background Information

Students from dozens of countries around the world participated in the survey with the highest responses from international students whose home countries were China, India, and the Republic of Korea.

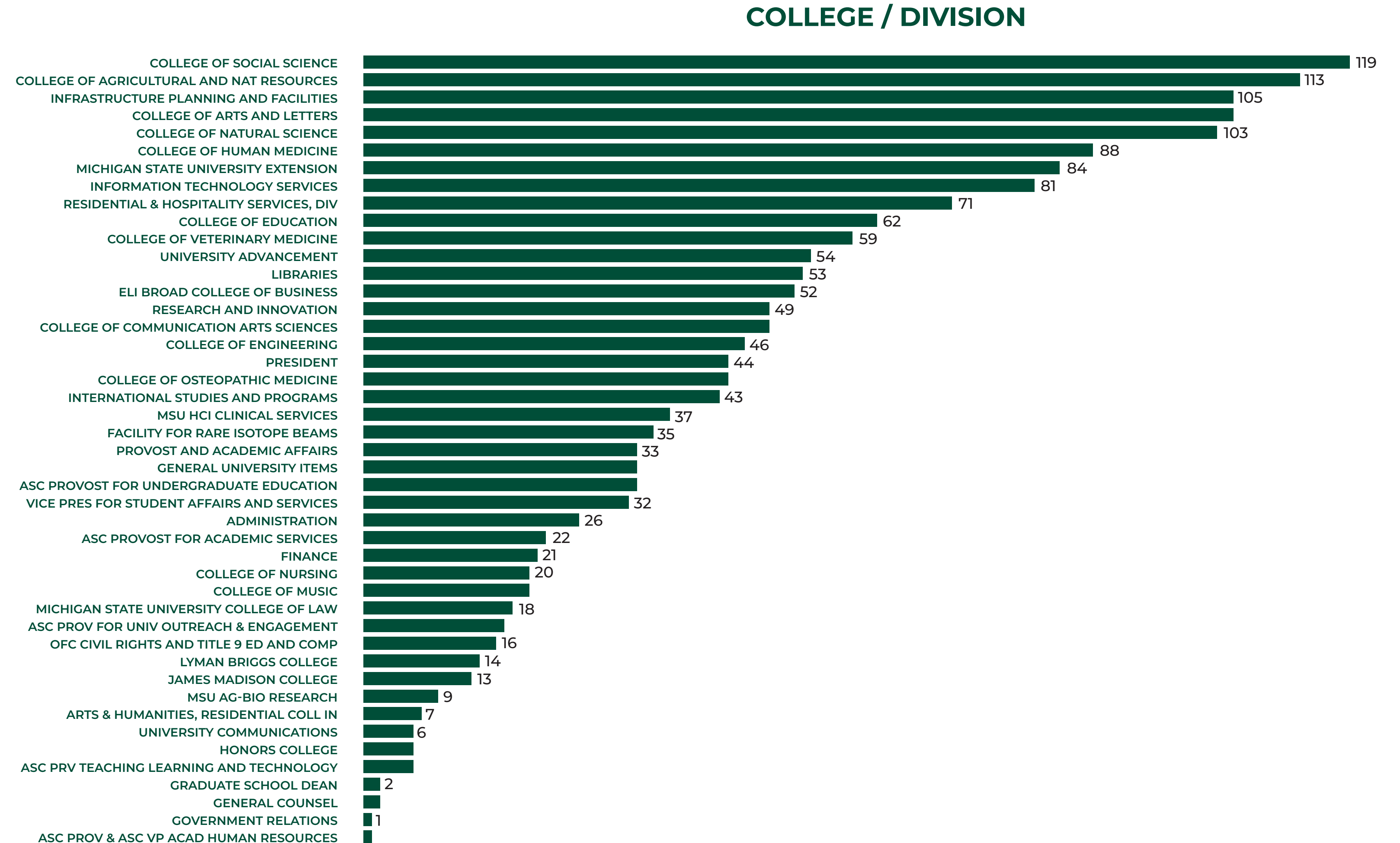
INTERNATIONAL STUDENT'S HOME COUNTRY



3.5 | PRELIMINARY ANALYSIS | CAMPUS SURVEY

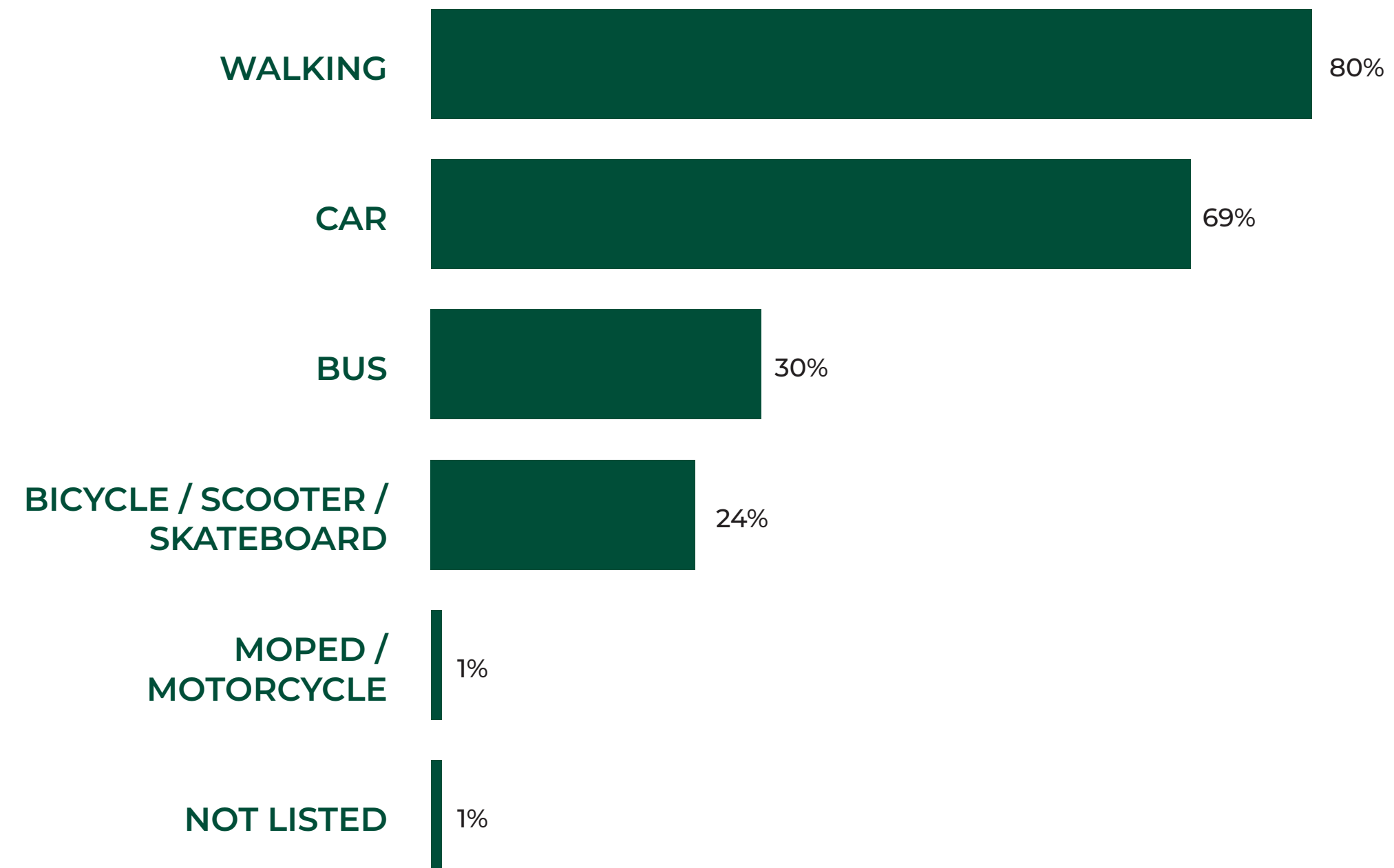
Background Information

The survey extracted the college or university division that a student belonged to. The top three programs that students belonged to were the College of Social Science, the College of Agriculture and Natural Resources, and Infrastructure Planning and Facilities.

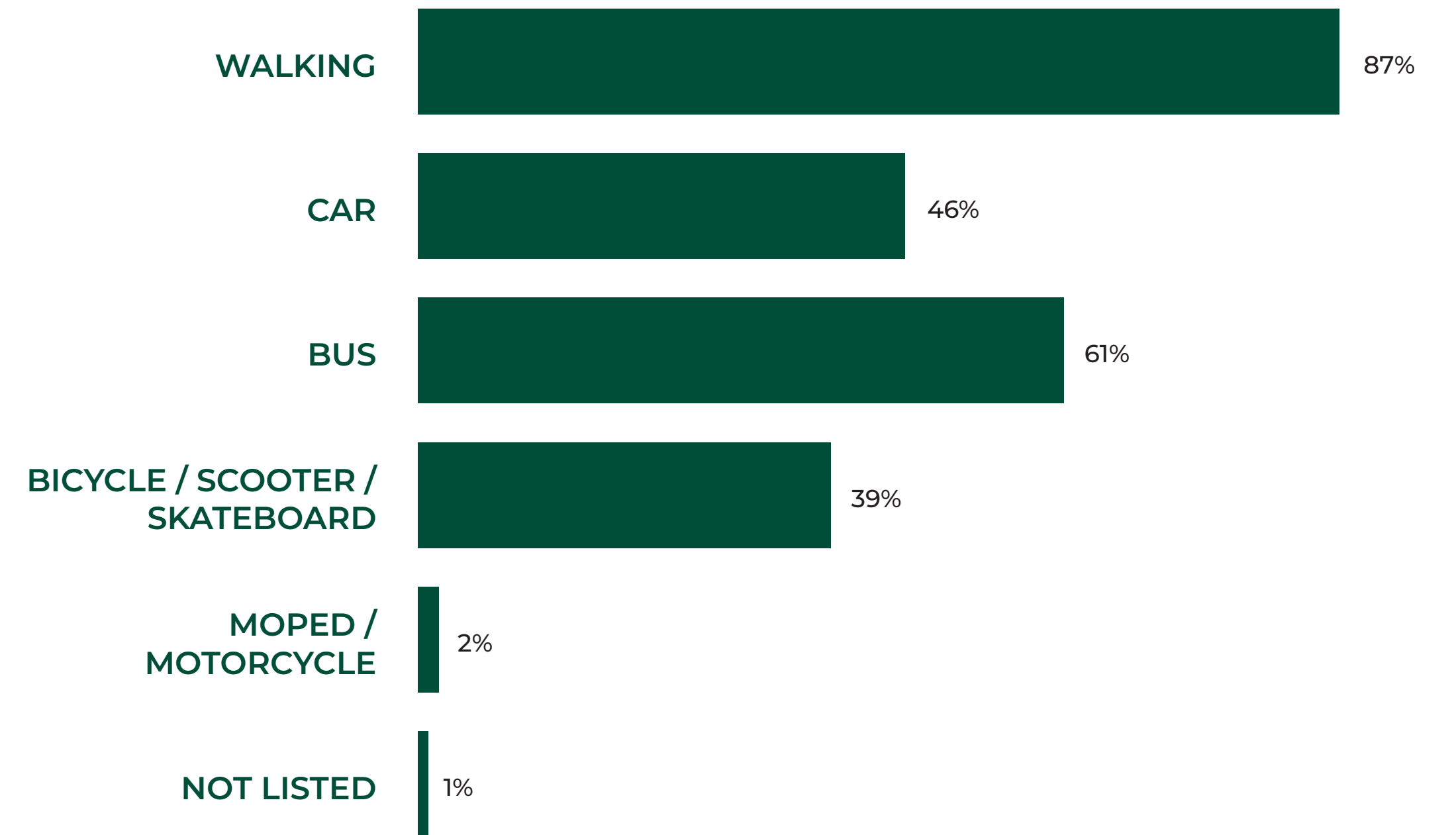


When you are on MSU's campus, what mode(s) of transportation do you utilize?

ALL RESPONSES

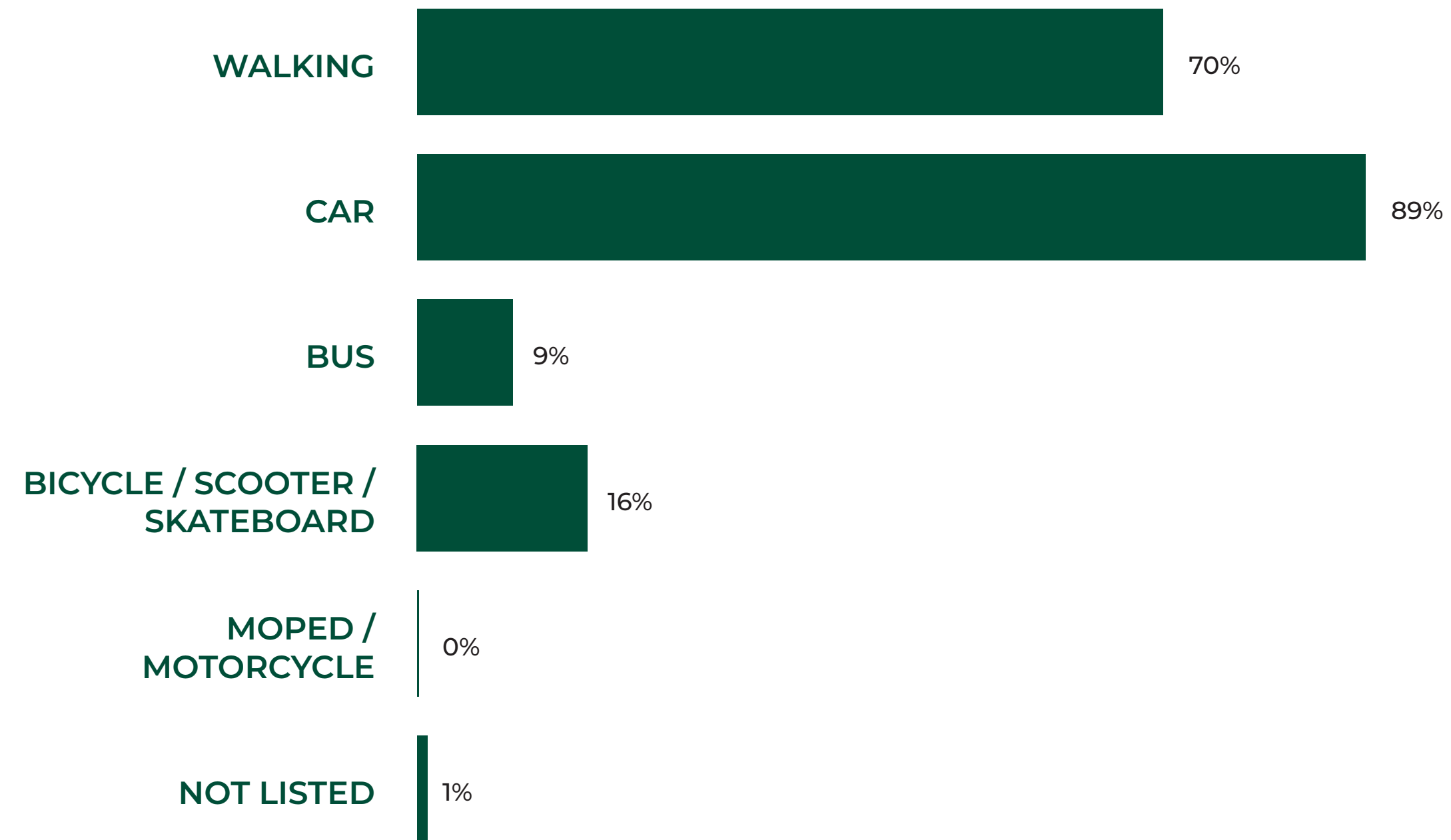


STUDENT RESPONSES

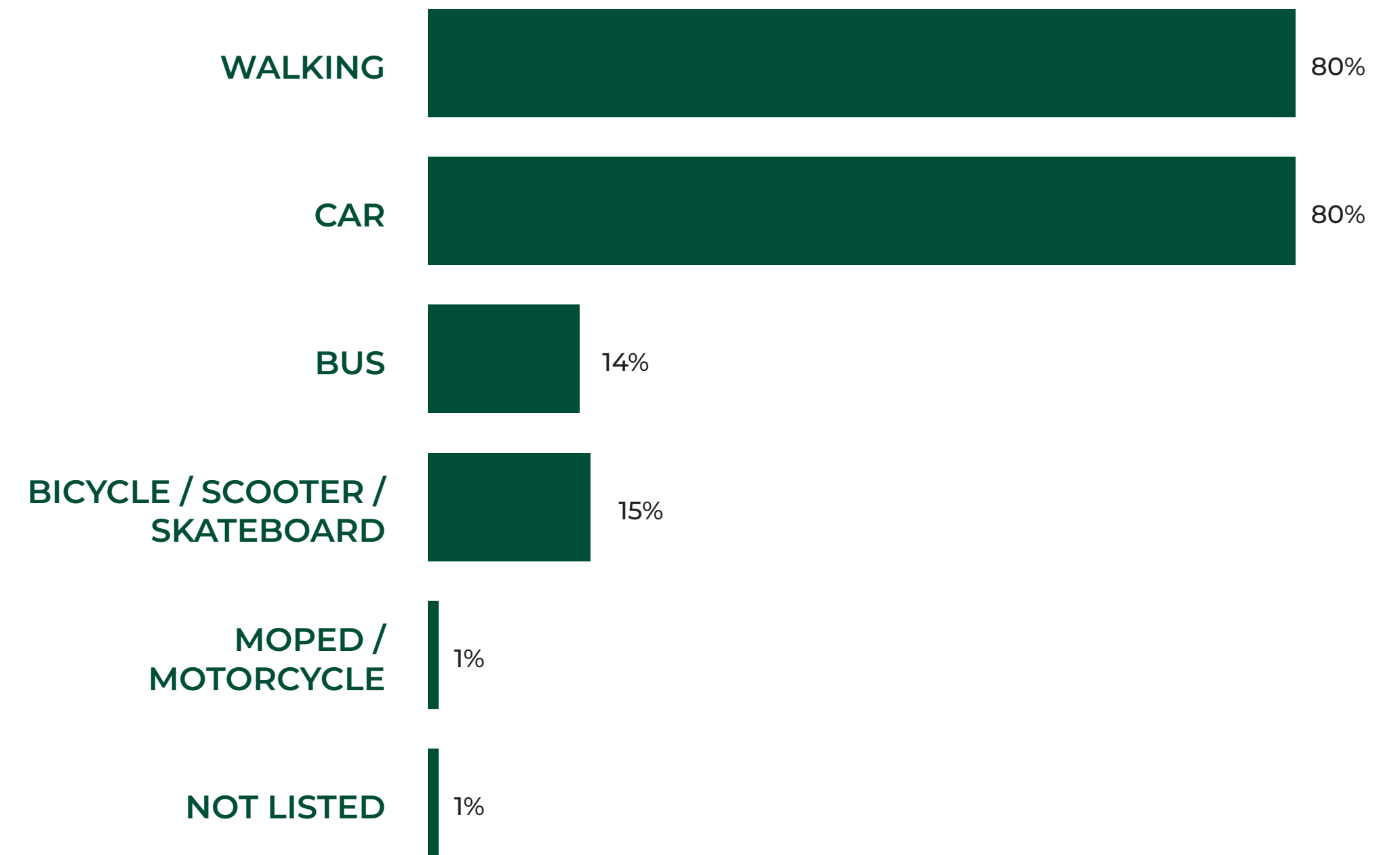


When you are on MSU's campus, what mode(s) of transportation do you utilize?

FACULTY / STAFF RESPONSES

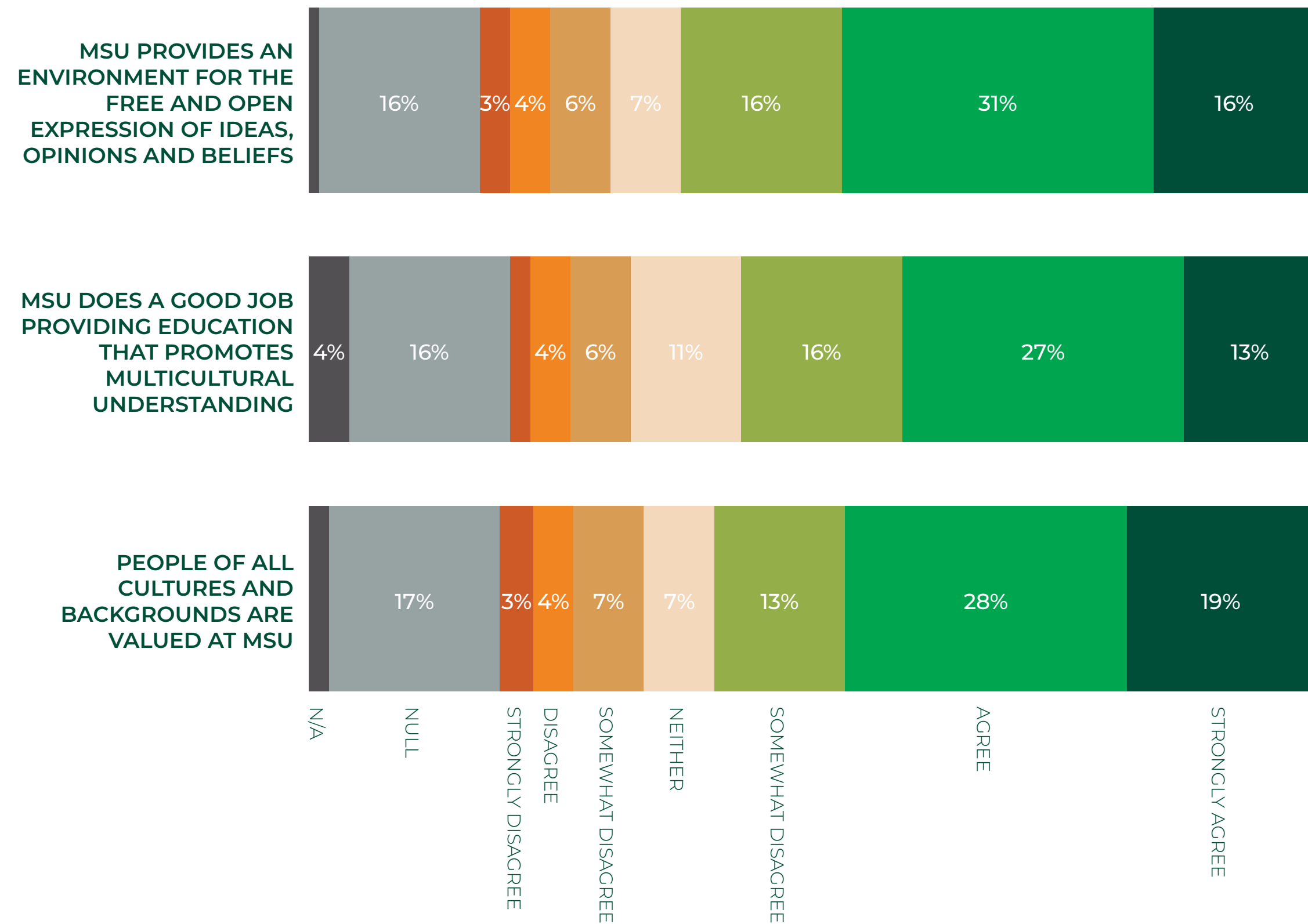


ALUMNI RESPONSES

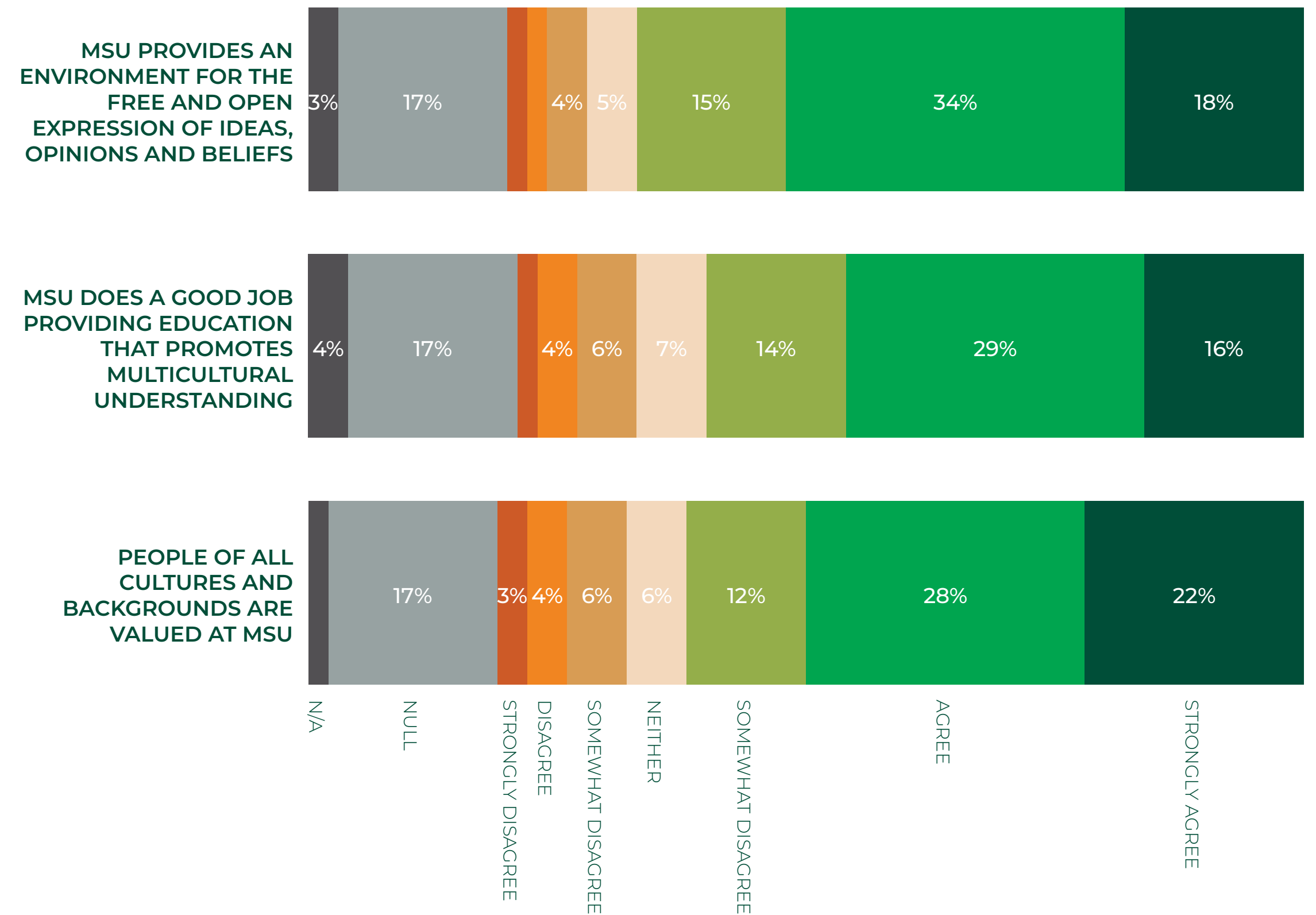


What is your current opinion of MSU regarding the following statements?

ALL RESPONSES



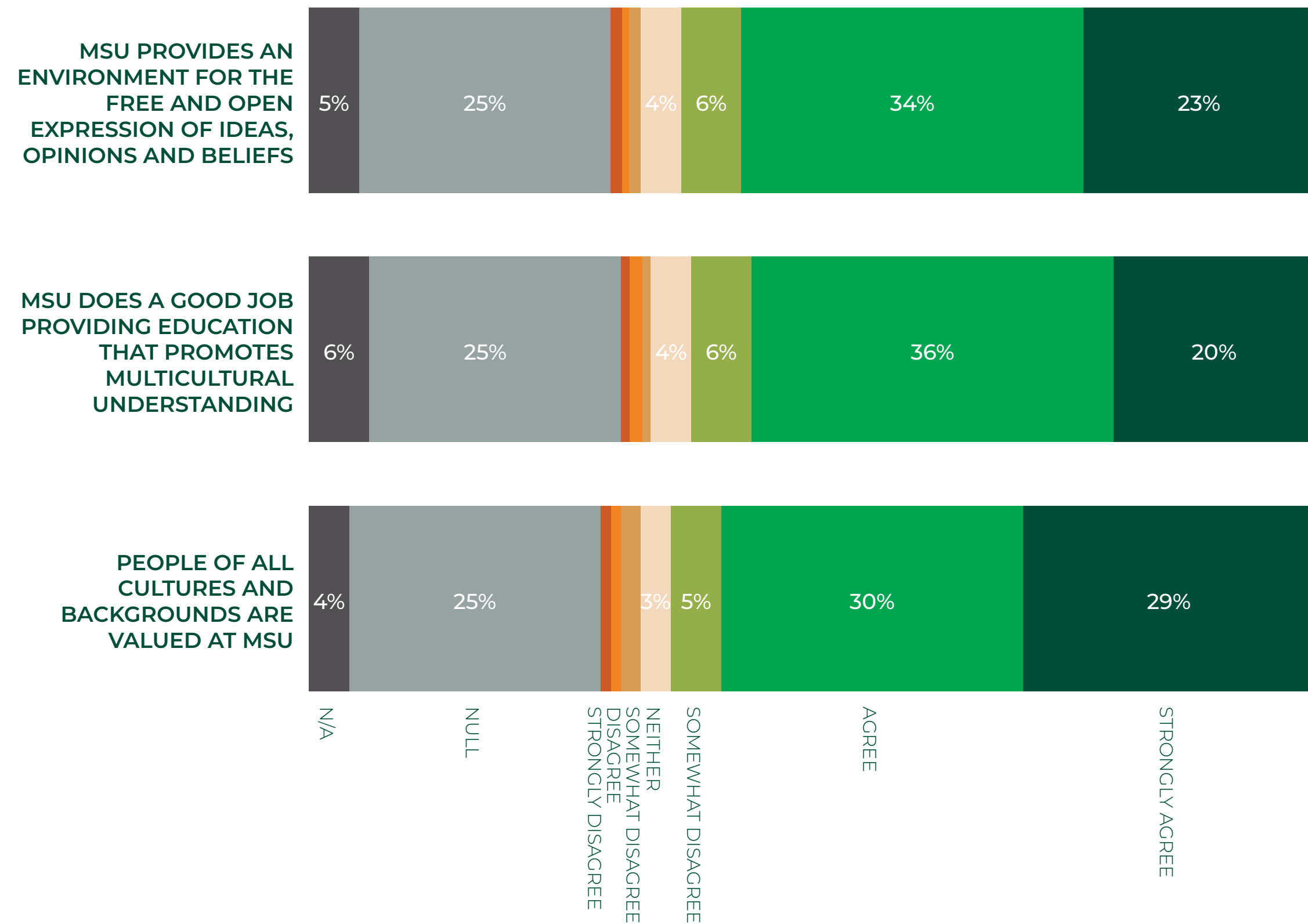
STUDENT RESPONSES



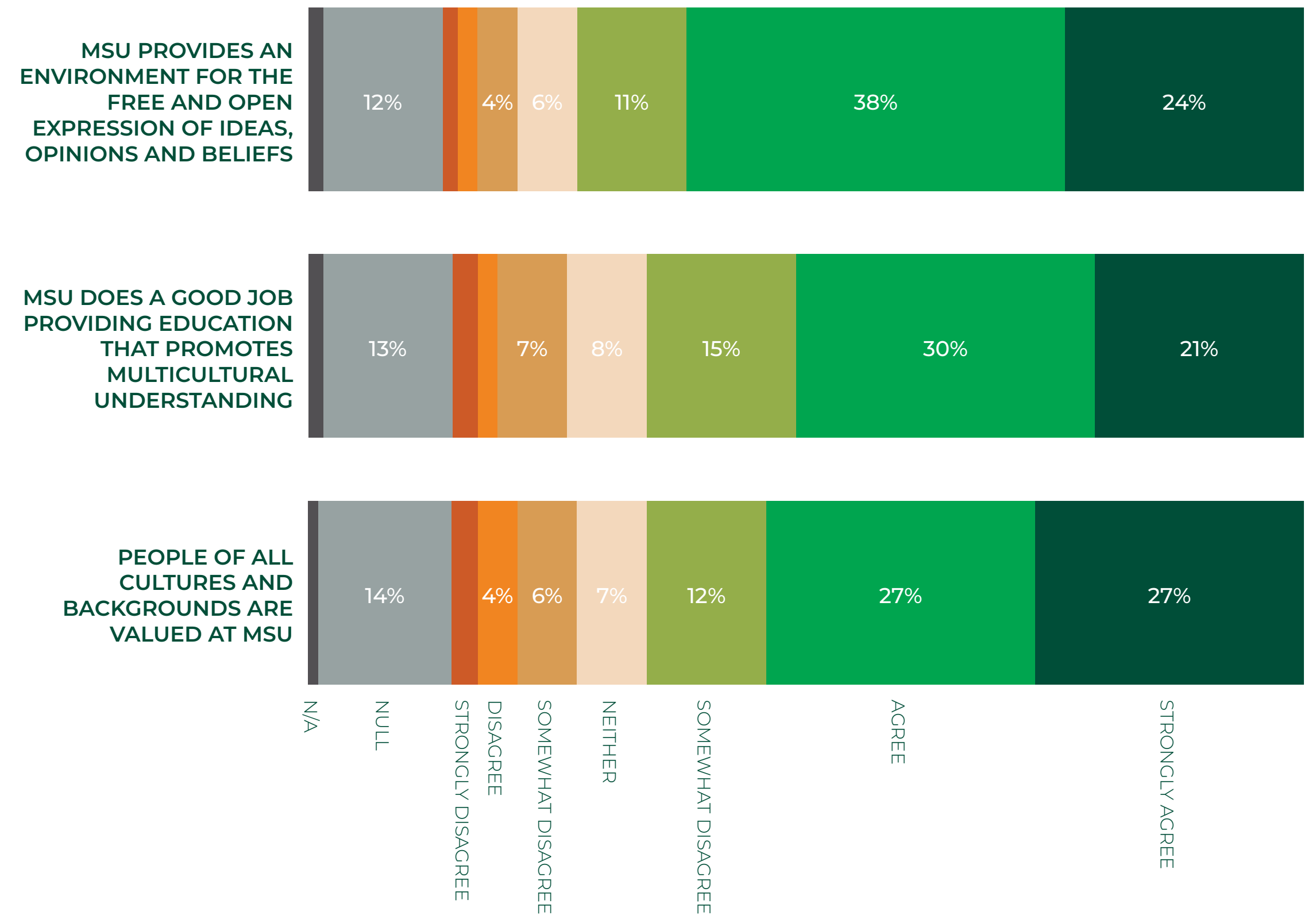
3.5 | PRELIMINARY ANALYSIS | **CAMPUS SURVEY**

What is your current opinion of MSU regarding the following statements?

FRESHMAN RESPONSES

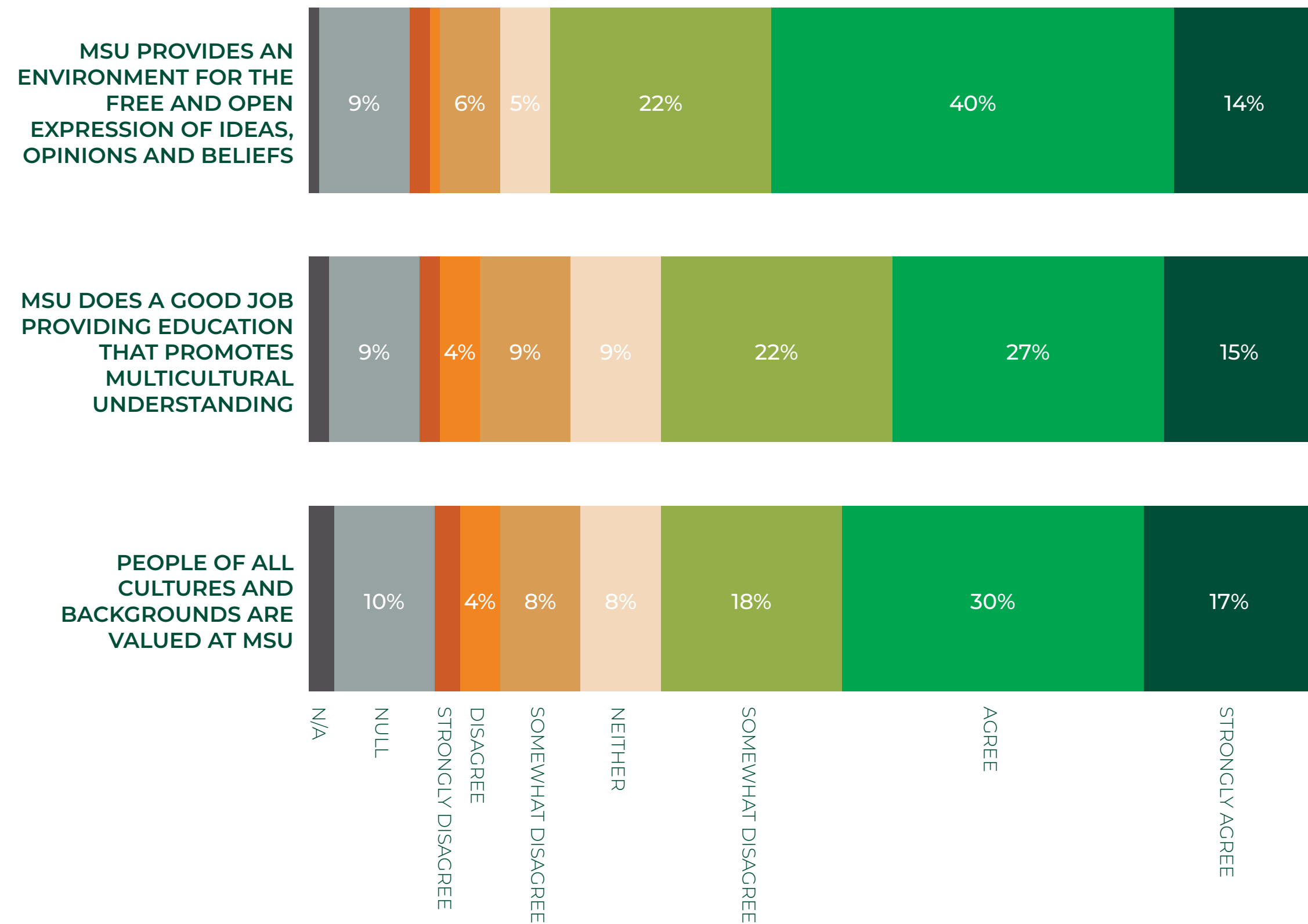


SOPHOMORE RESPONSES

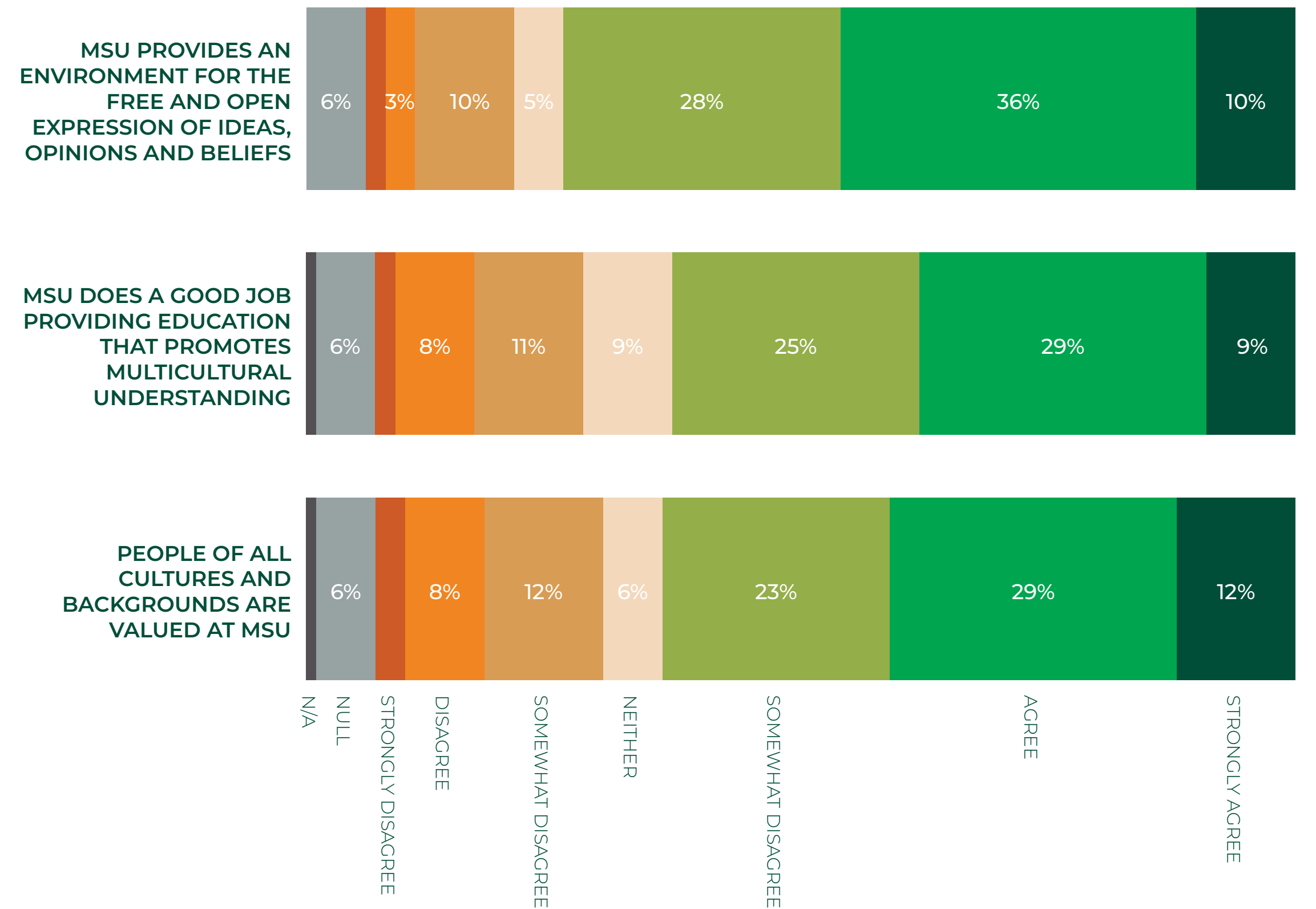


What is your current opinion of MSU regarding the following statements?

JUNIOR RESPONSES

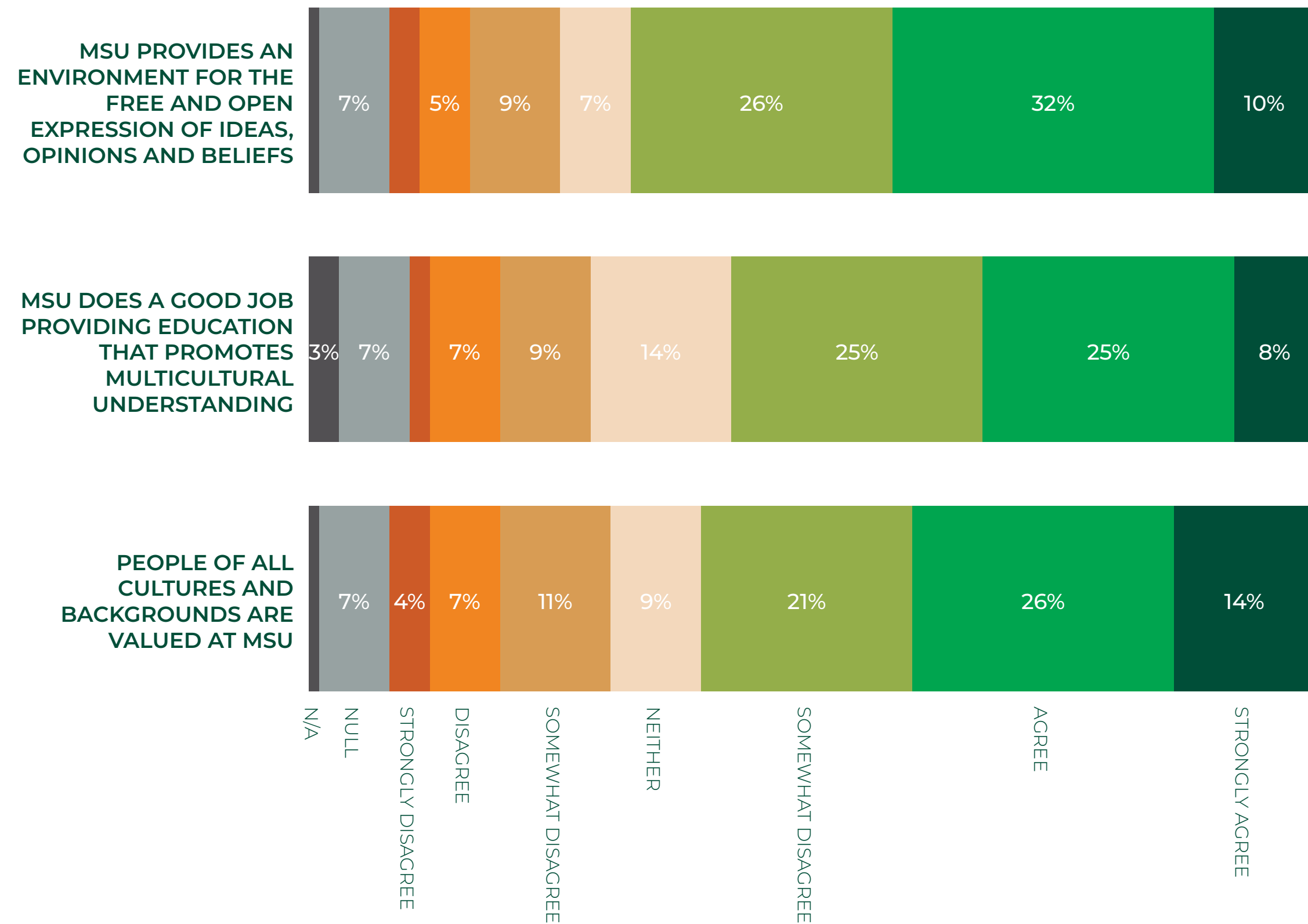


SENIOR RESPONSES

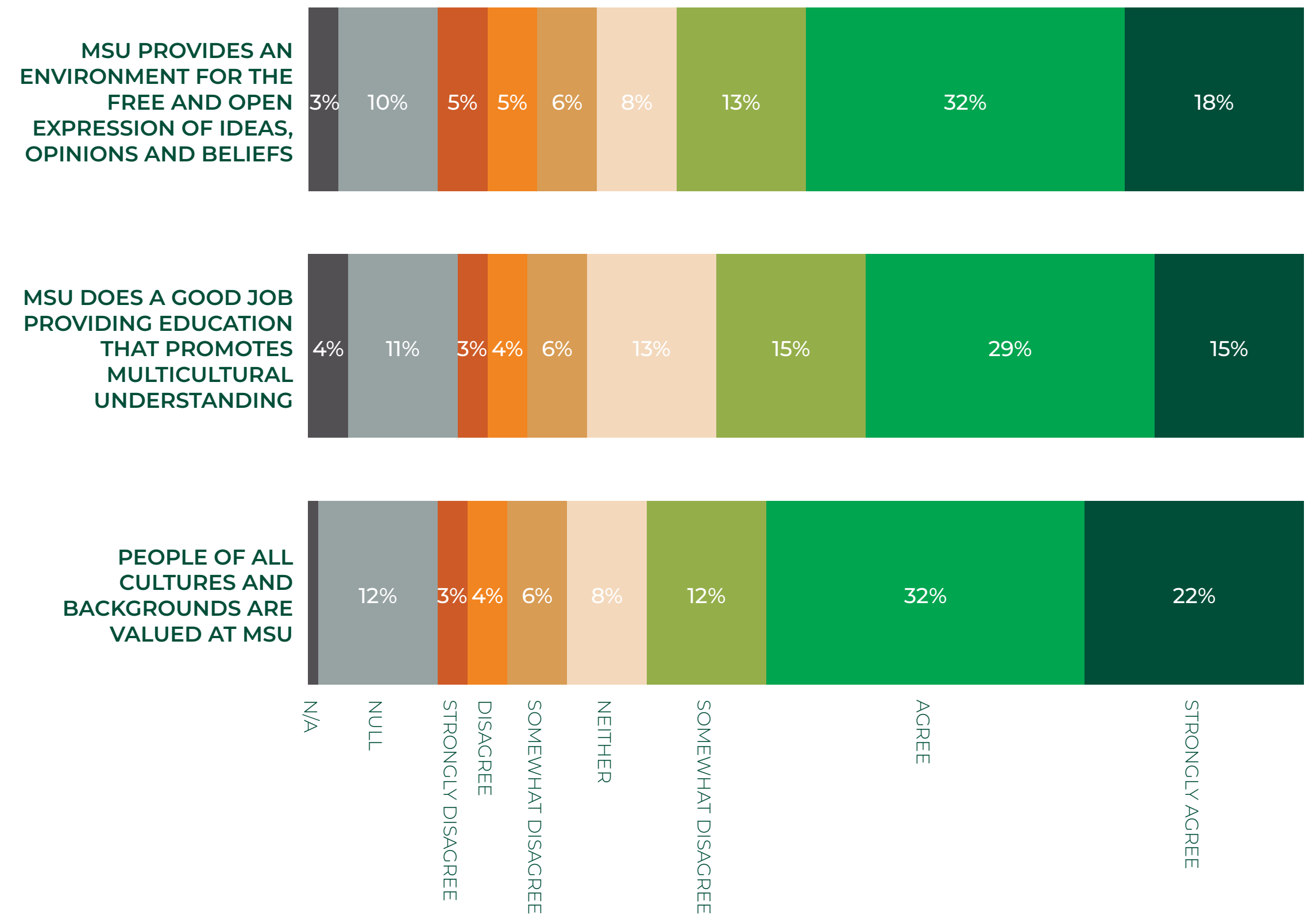


What is your current opinion of MSU regarding the following statements?

FACULTY AND STAFF RESPONSES



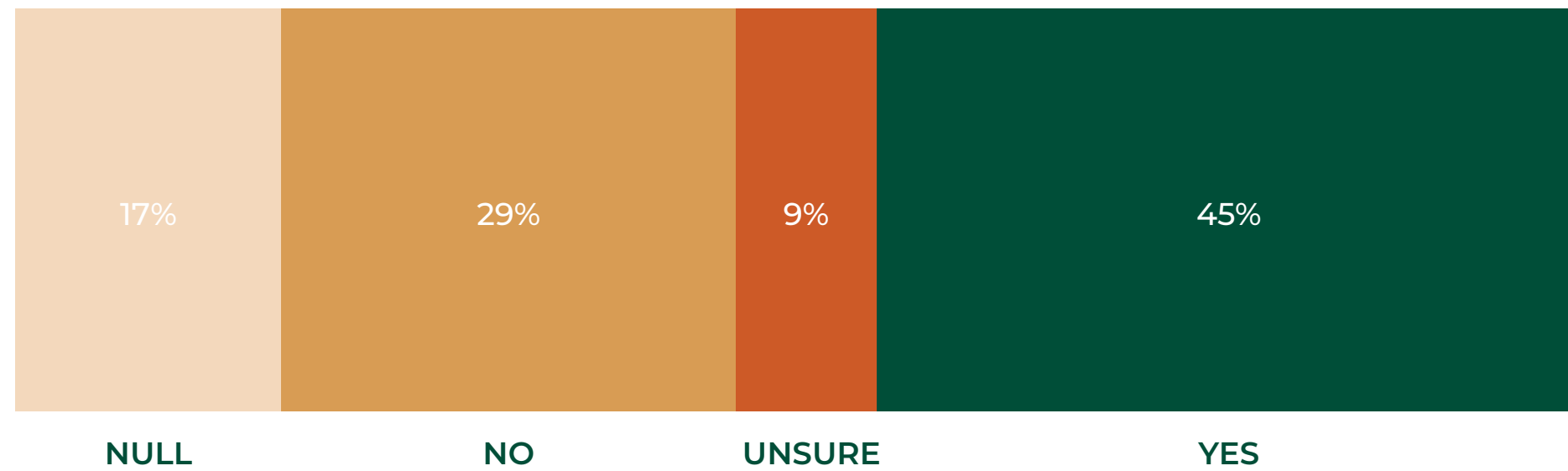
ALUMNI RESPONSES



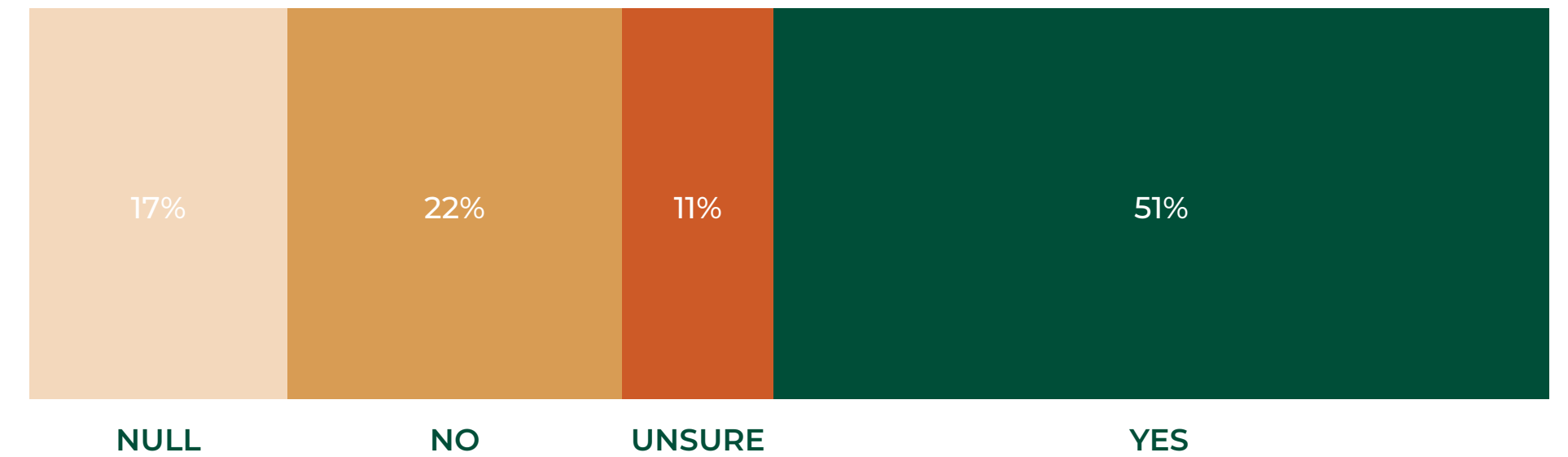
3.5 | PRELIMINARY ANALYSIS | **CAMPUS SURVEY**

Is it important to you to meet people with racial, ethnic, or gender-based backgrounds similar to your own?

ALL RESPONSES

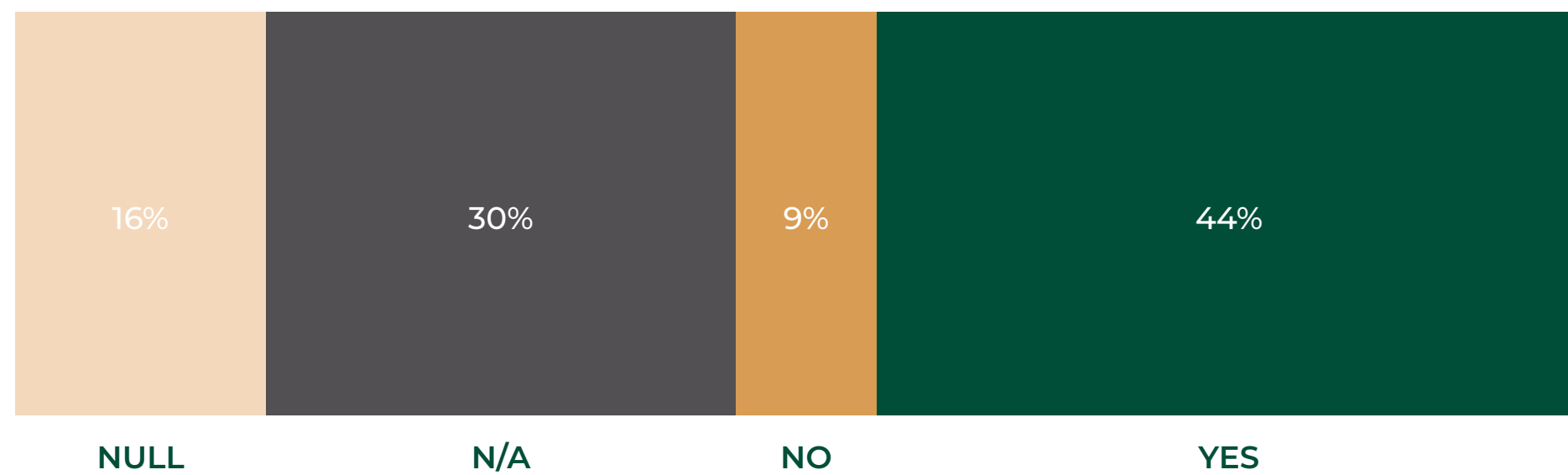


STUDENT RESPONSES

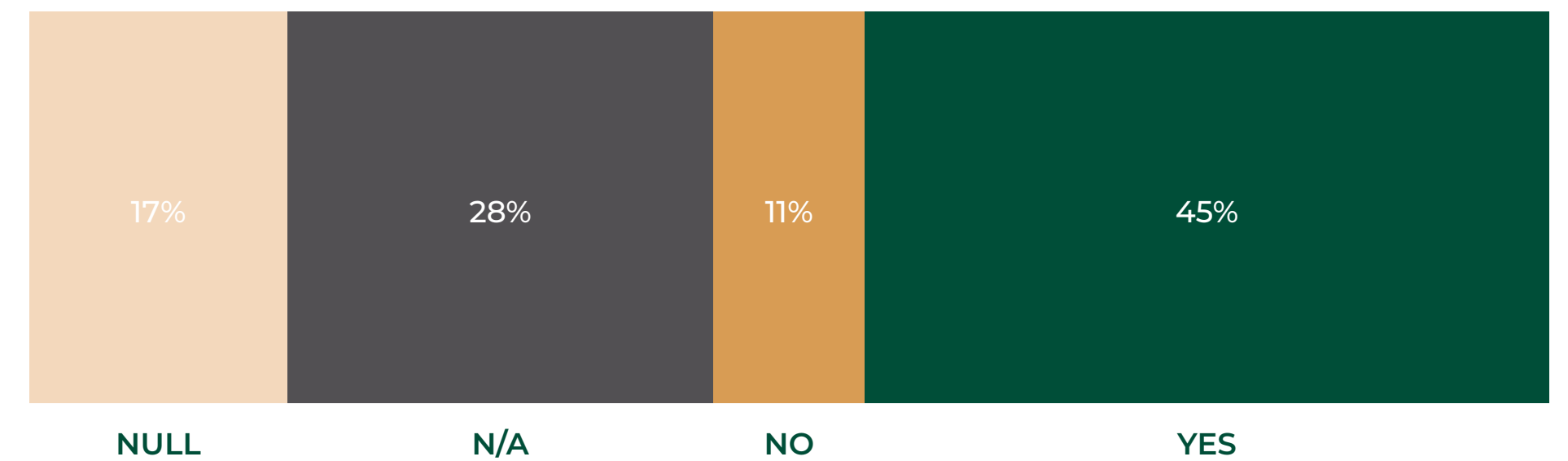


Have you found spaces at MSU to do this?

ALL RESPONSES



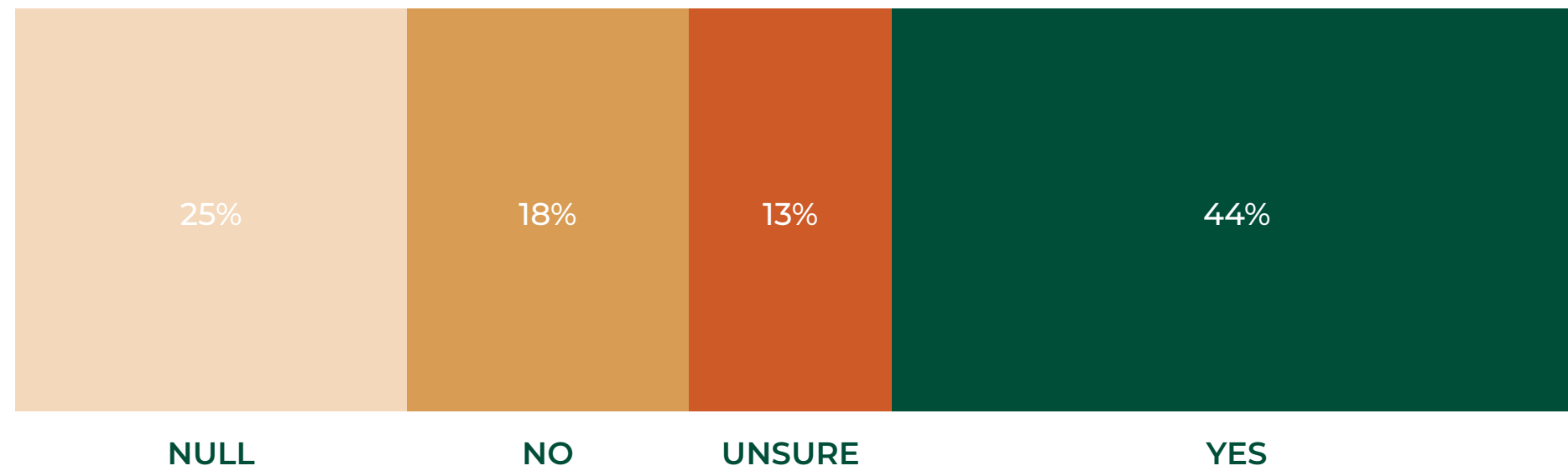
STUDENT RESPONSES



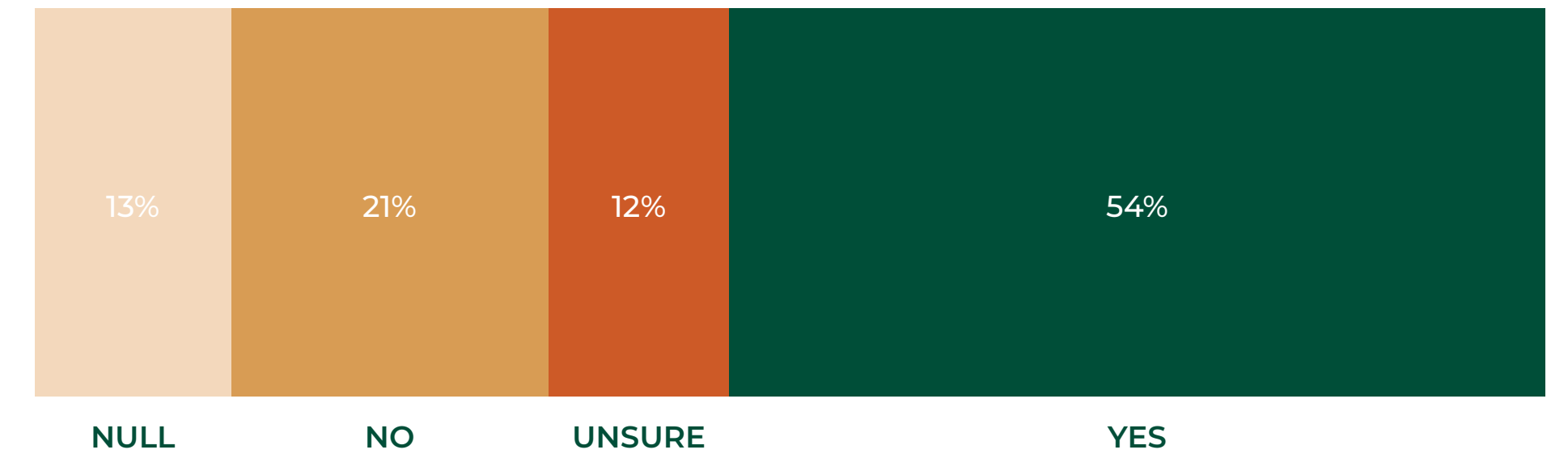
3.5 | PRELIMINARY ANALYSIS | **CAMPUS SURVEY**

Is it important to you to meet people with racial, ethnic, or gender-based backgrounds similar to your own?

FRESHMAN RESPONSES



SOPHOMORE RESPONSES

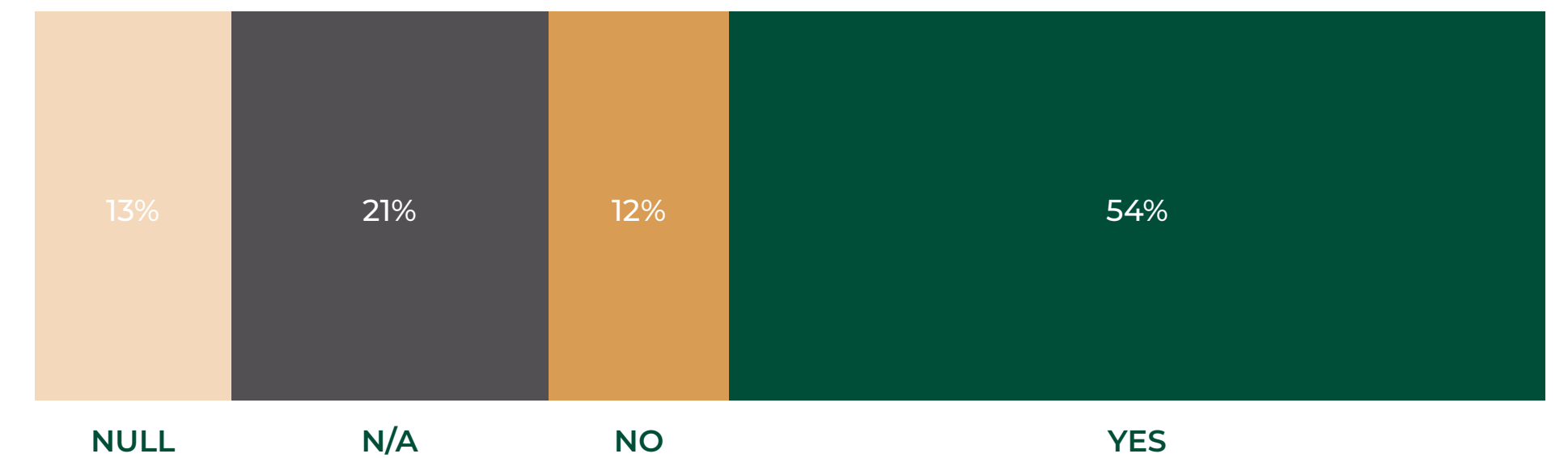


Have you found spaces at MSU to do this?

FRESHMAN RESPONSES



SOPHOMORE RESPONSES



3.5 | PRELIMINARY ANALYSIS | **CAMPUS SURVEY**

Is it important to you to meet people with racial, ethnic, or gender-based backgrounds similar to your own?

JUNIOR RESPONSES

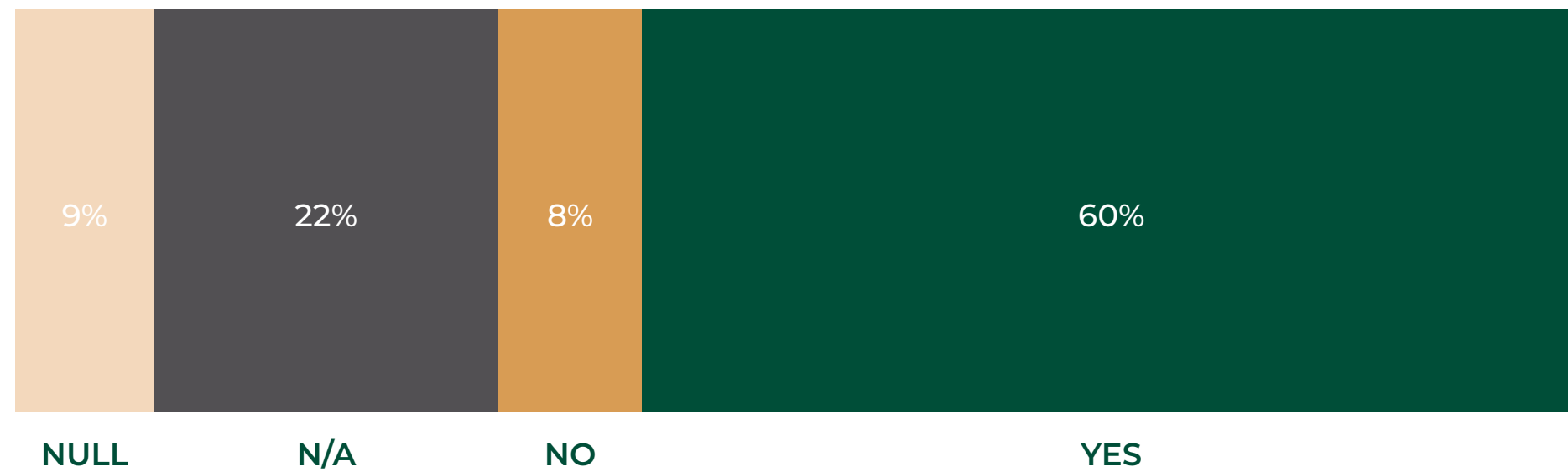


SENIOR RESPONSES



Have you found spaces at MSU to do this?

JUNIOR RESPONSES



SENIOR RESPONSES



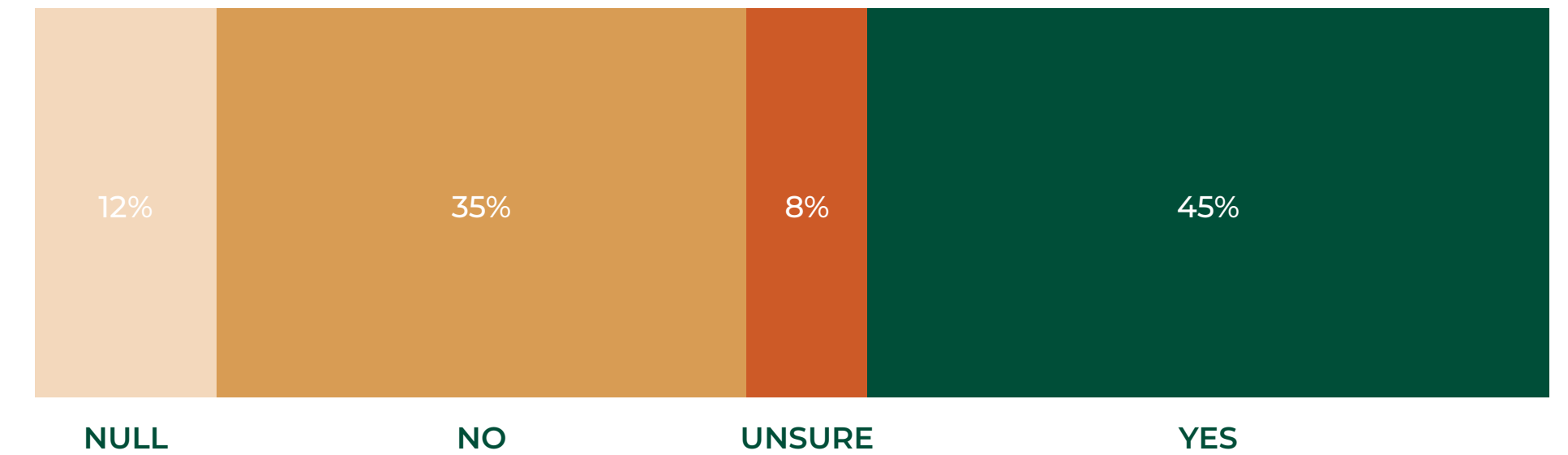
3.5 | PRELIMINARY ANALYSIS | **CAMPUS SURVEY**

Is it important to you to meet people with racial, ethnic, or gender-based backgrounds similar to your own?

FACULTY / STAFF RESPONSES



ALUMNI RESPONSES

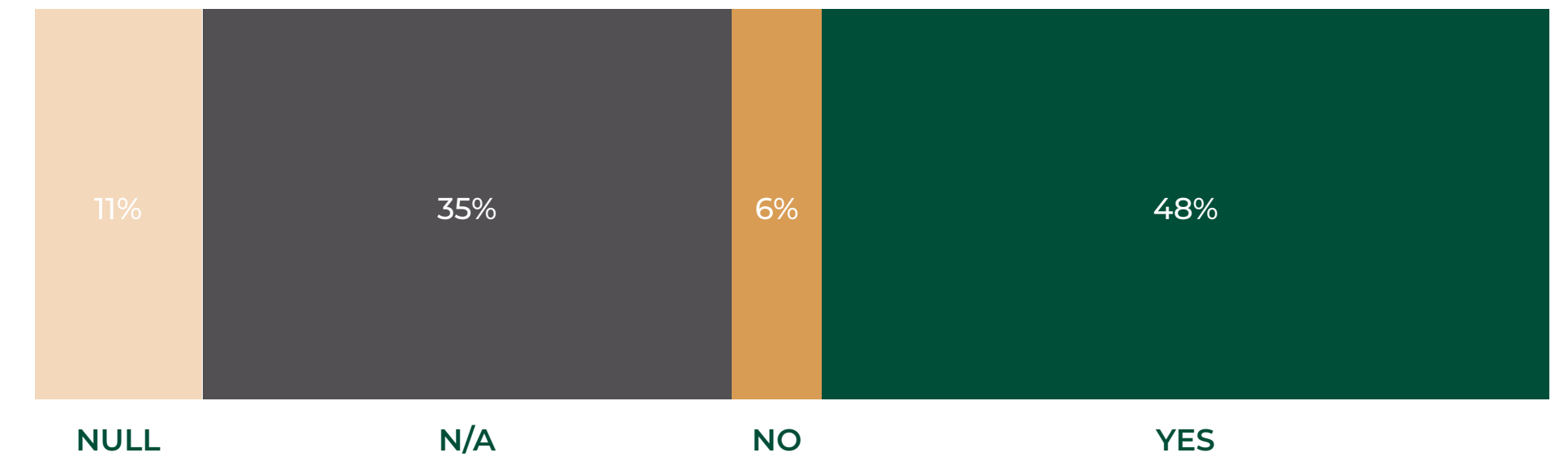


Have you found spaces at MSU to do this?

FACULTY / STAFF RESPONSES



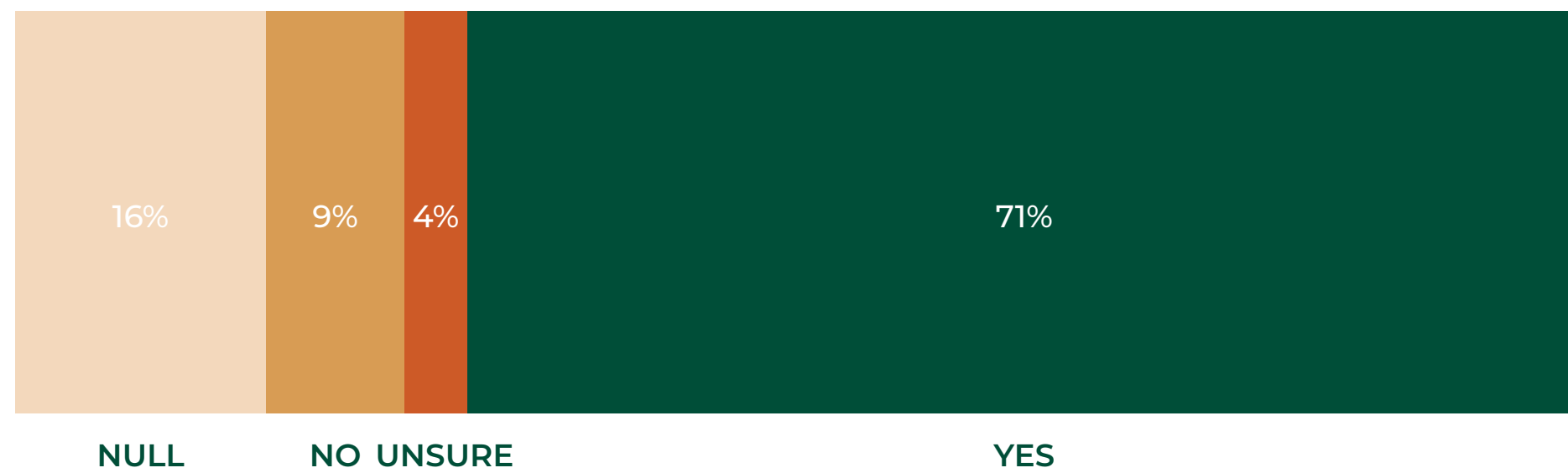
ALUMNI RESPONSES



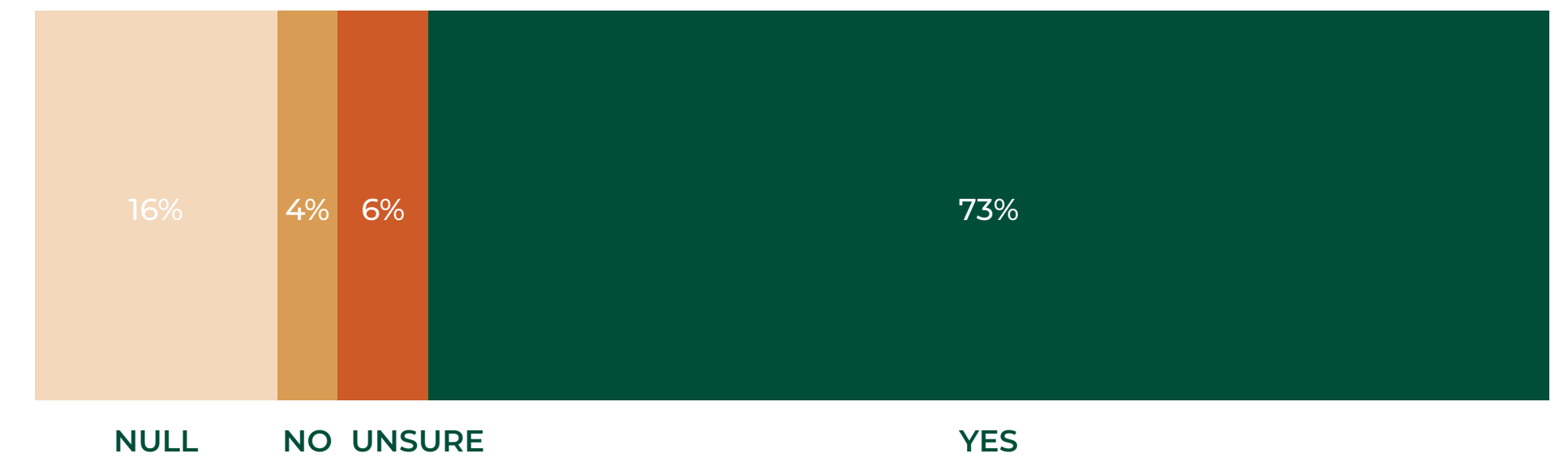
3.5 | PRELIMINARY ANALYSIS | **CAMPUS SURVEY**

Is it important to you to meet people with racial, ethnic, or gender-based backgrounds different than your own?

ALL RESPONSES

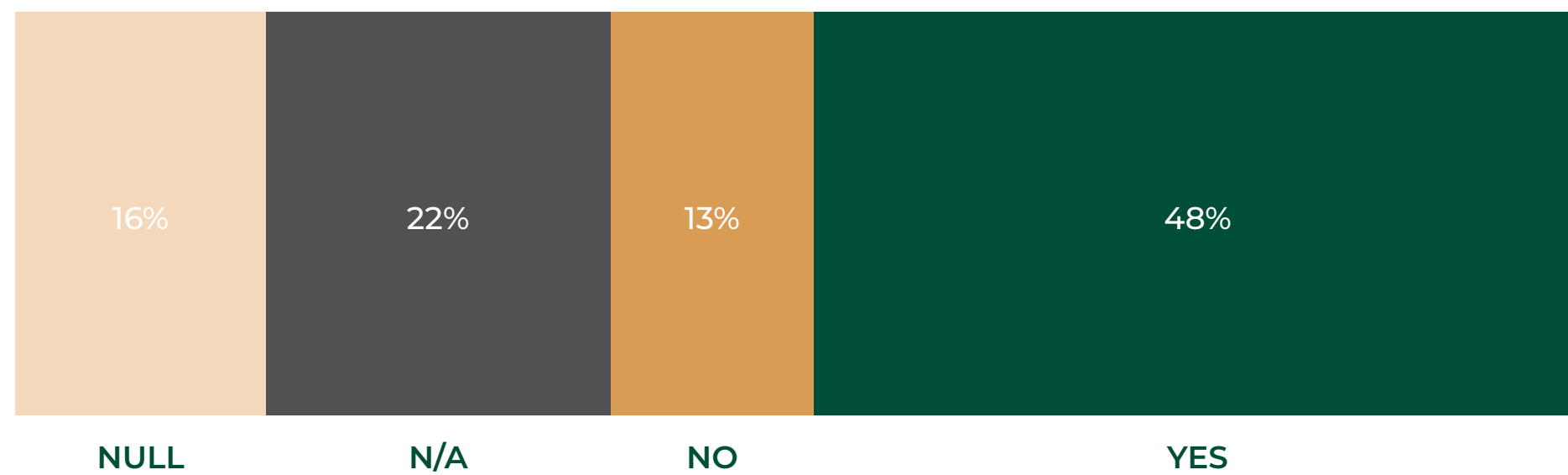


STUDENT RESPONSES

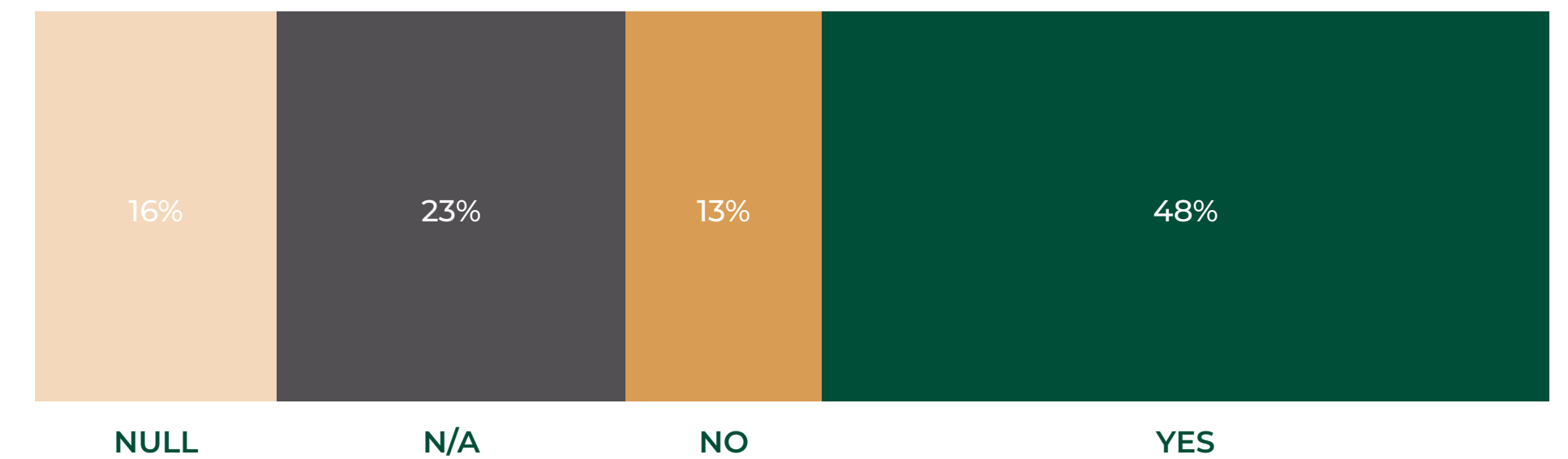


Have you found spaces at MSU to do this?

ALL RESPONSES



STUDENT RESPONSES



3.5 | PRELIMINARY ANALYSIS | **CAMPUS SURVEY**

Is it important to you to meet people with racial, ethnic, or gender-based backgrounds different than your own?

FRESHMAN RESPONSES

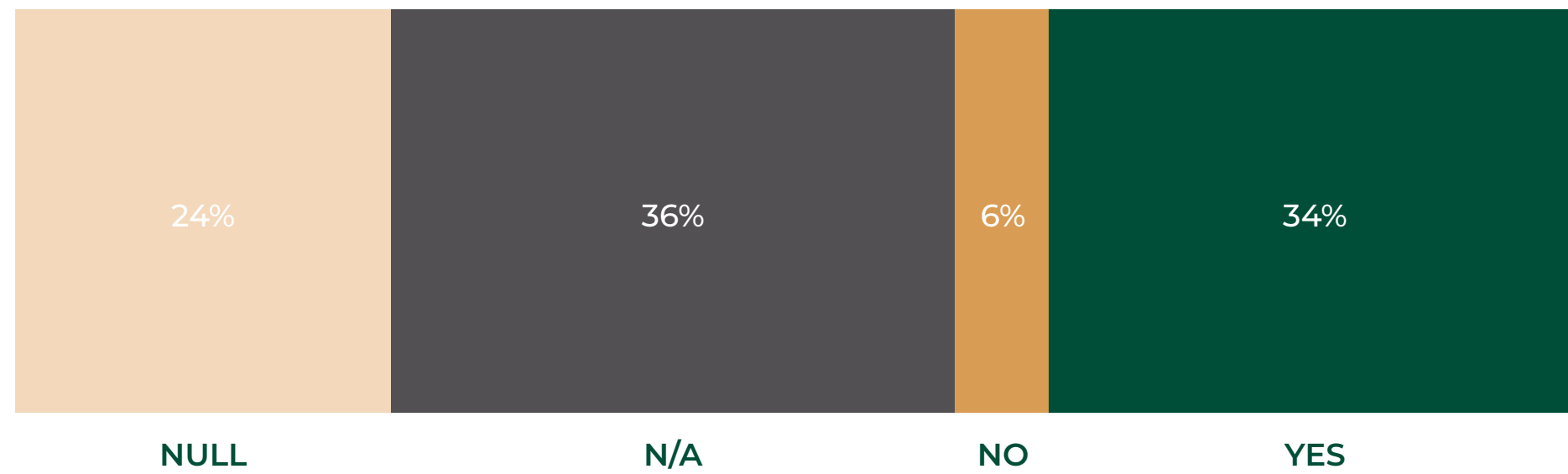


SOPHOMORE RESPONSES

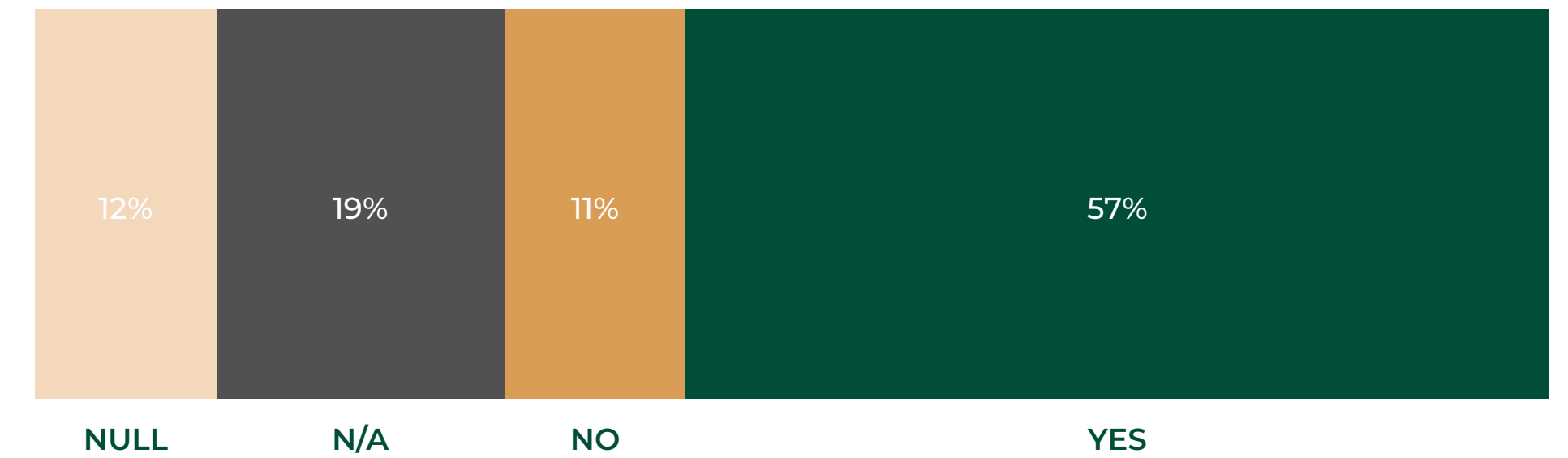


Have you found spaces at MSU to do this?

FRESHMAN RESPONSES



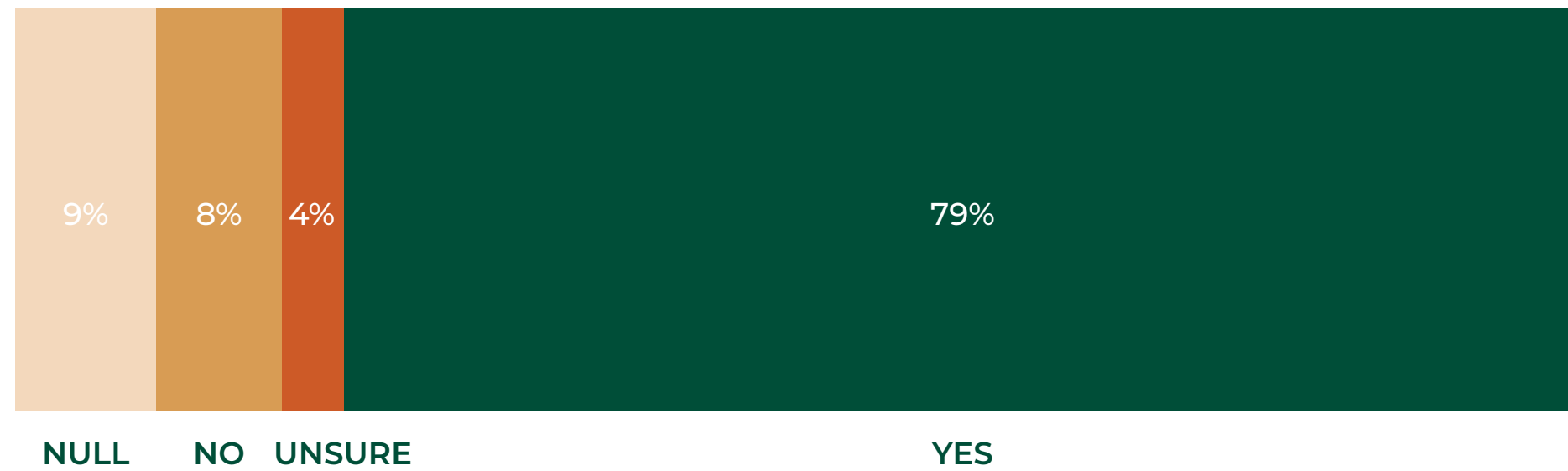
SOPHOMORE RESPONSES



3.5 | PRELIMINARY ANALYSIS | **CAMPUS SURVEY**

Is it important to you to meet people with racial, ethnic, or gender-based backgrounds different than your own?

JUNIOR RESPONSES



SENIOR RESPONSES



Have you found spaces at MSU to do this?

JUNIOR RESPONSES



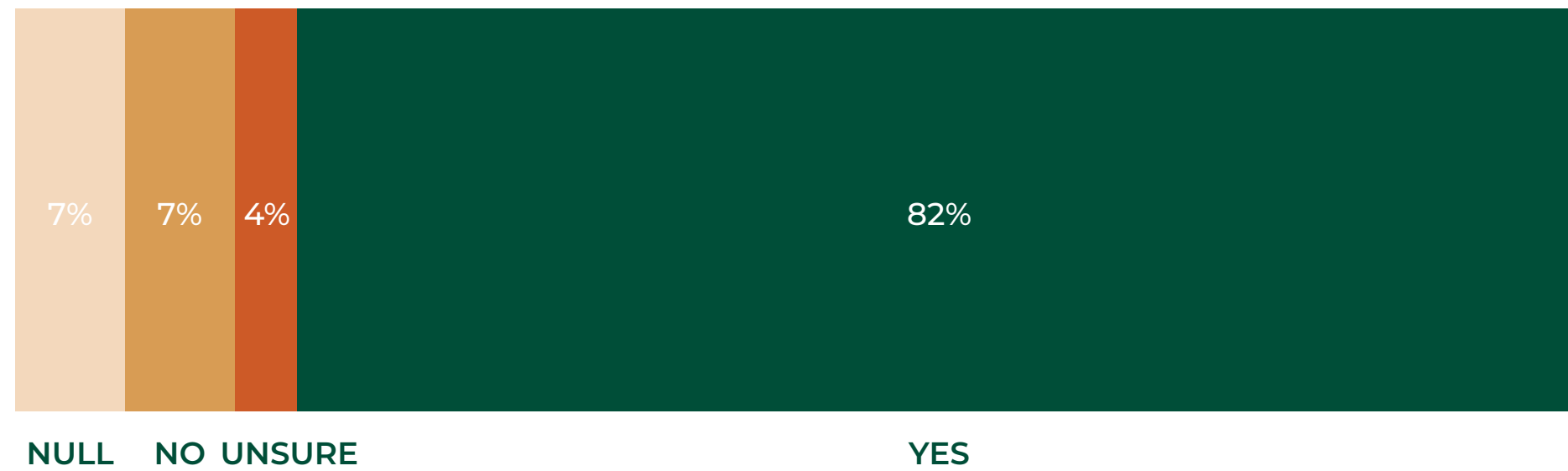
SENIOR RESPONSES



3.5 | PRELIMINARY ANALYSIS | **CAMPUS SURVEY**

Is it important to you to meet people with racial, ethnic, or gender-based backgrounds different than your own?

FACULTY / STAFF RESPONSES

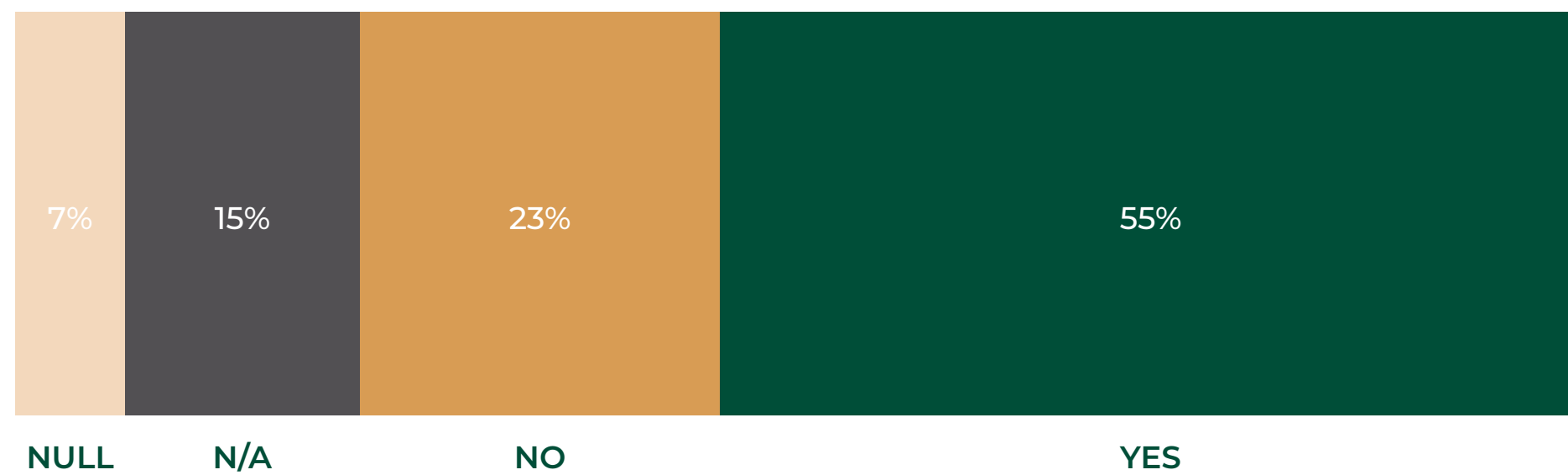


ALUMNI RESPONSES

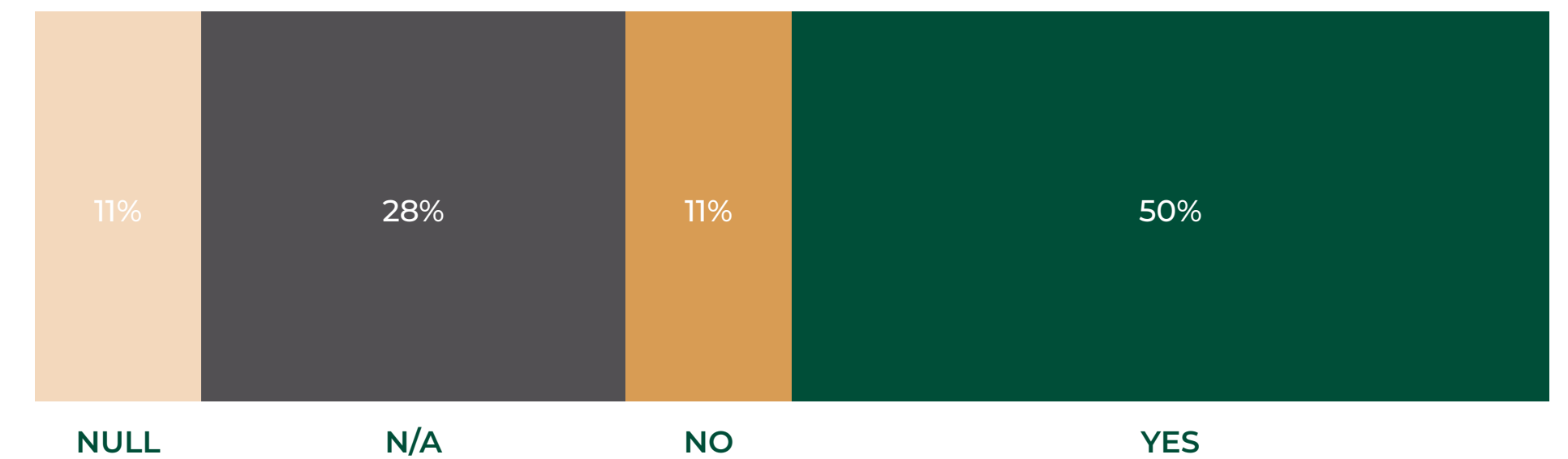


Have you found spaces at MSU to do this?

FACULTY / STAFF RESPONSES

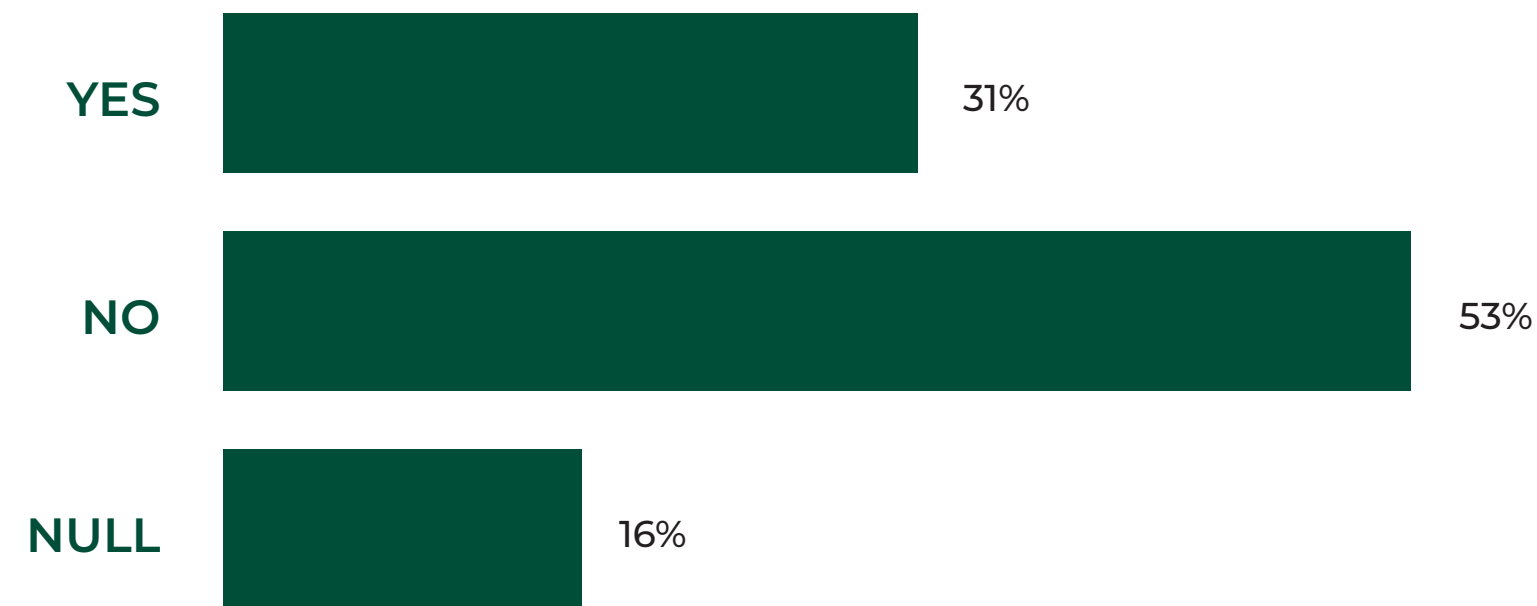


ALUMNI RESPONSES

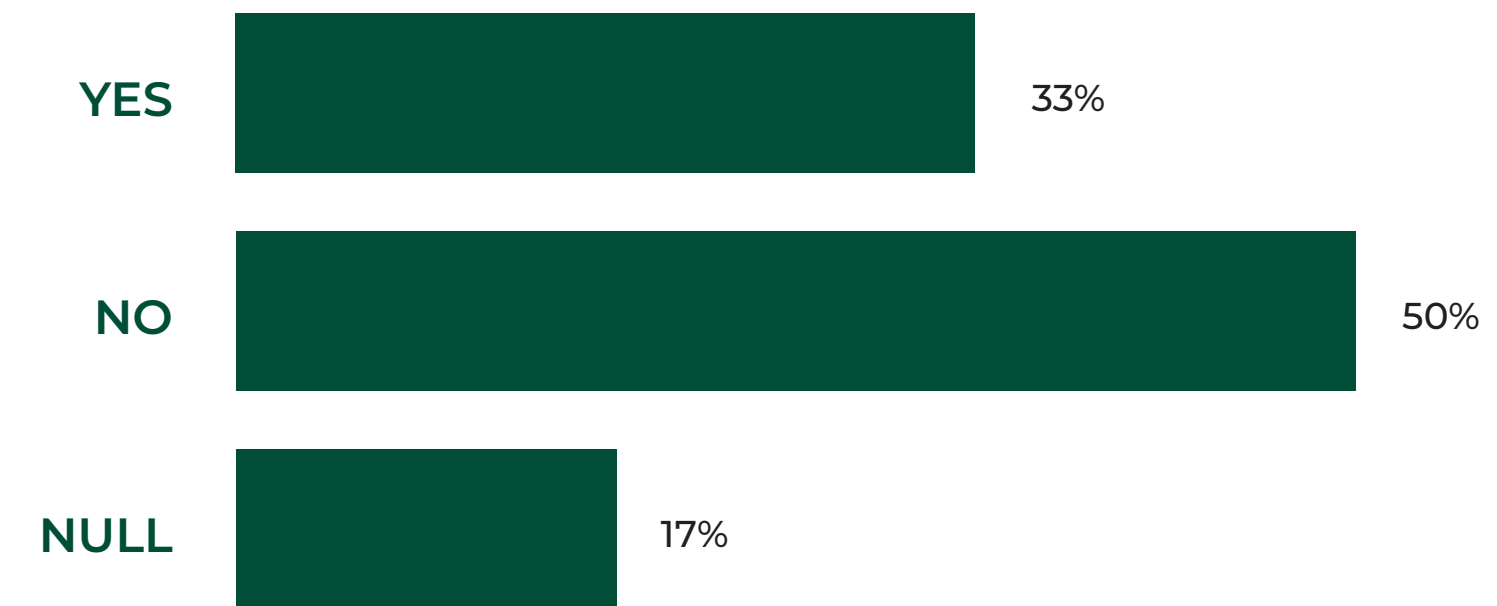


Are you aware that the MOSAIC Multicultural Unity Center in the MSU Union exists?

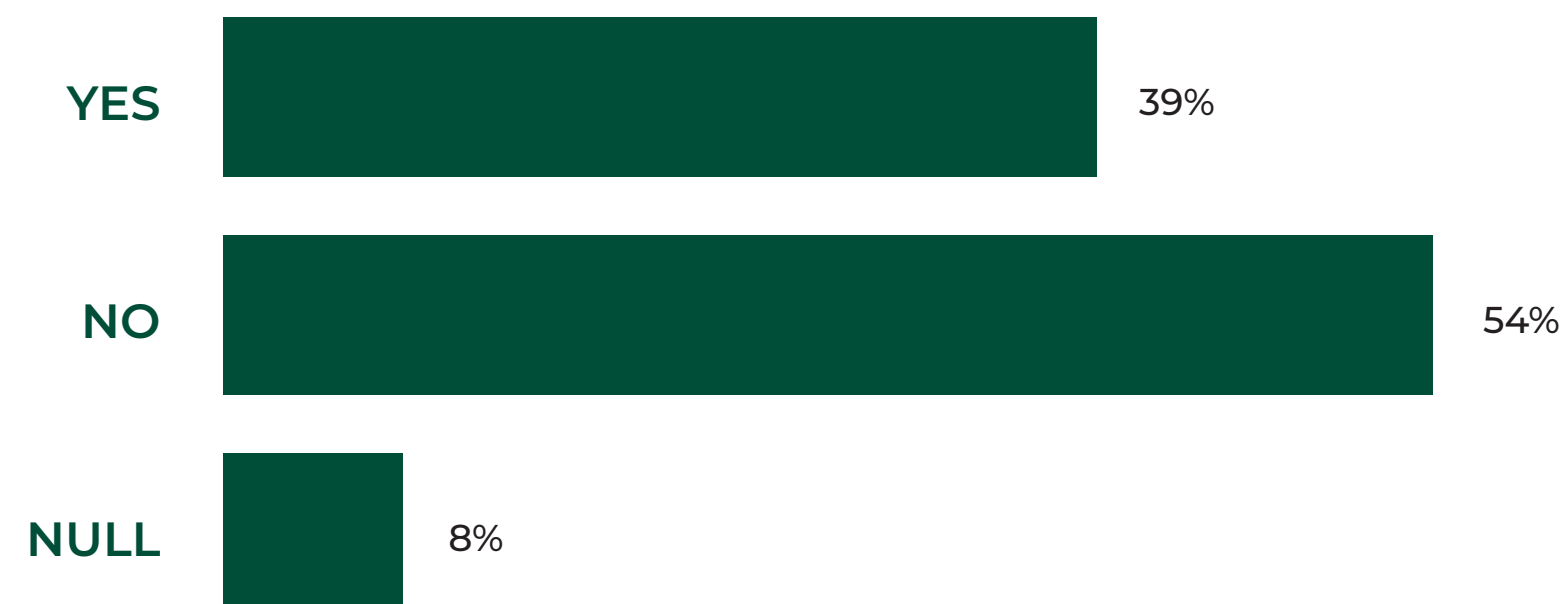
ALL RESPONSES



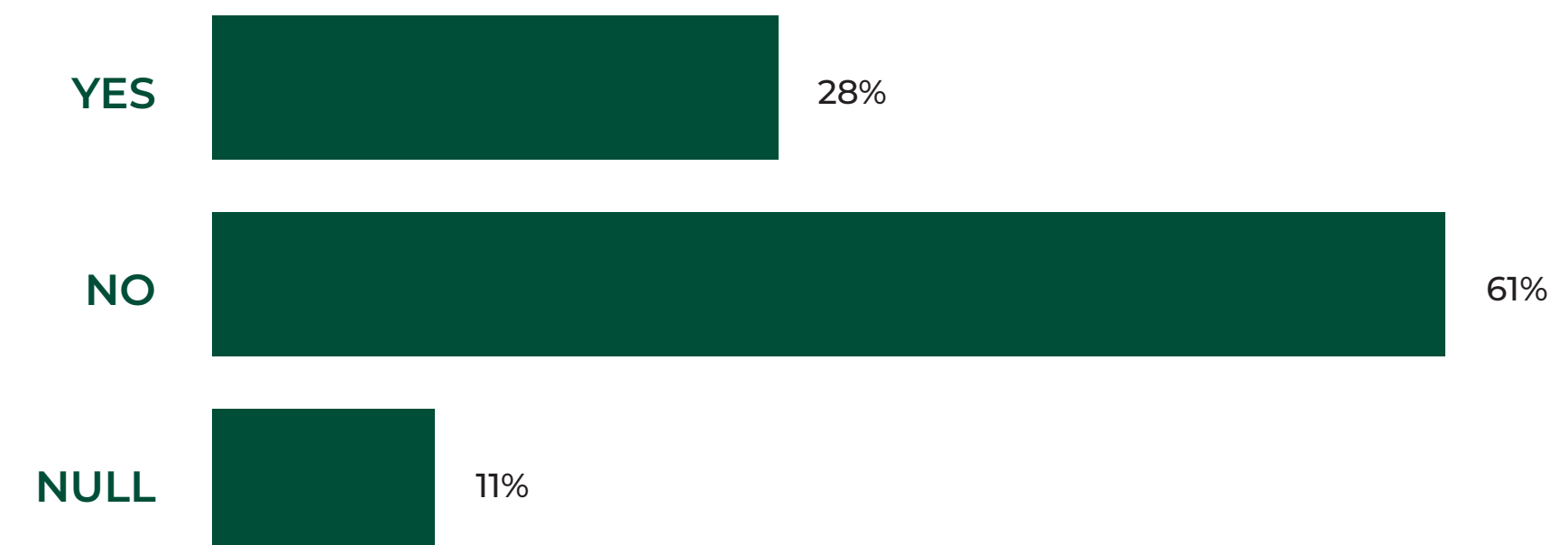
STUDENT RESPONSES



FACULTY / STAFF RESPONSES



ALUMNI RESPONSES

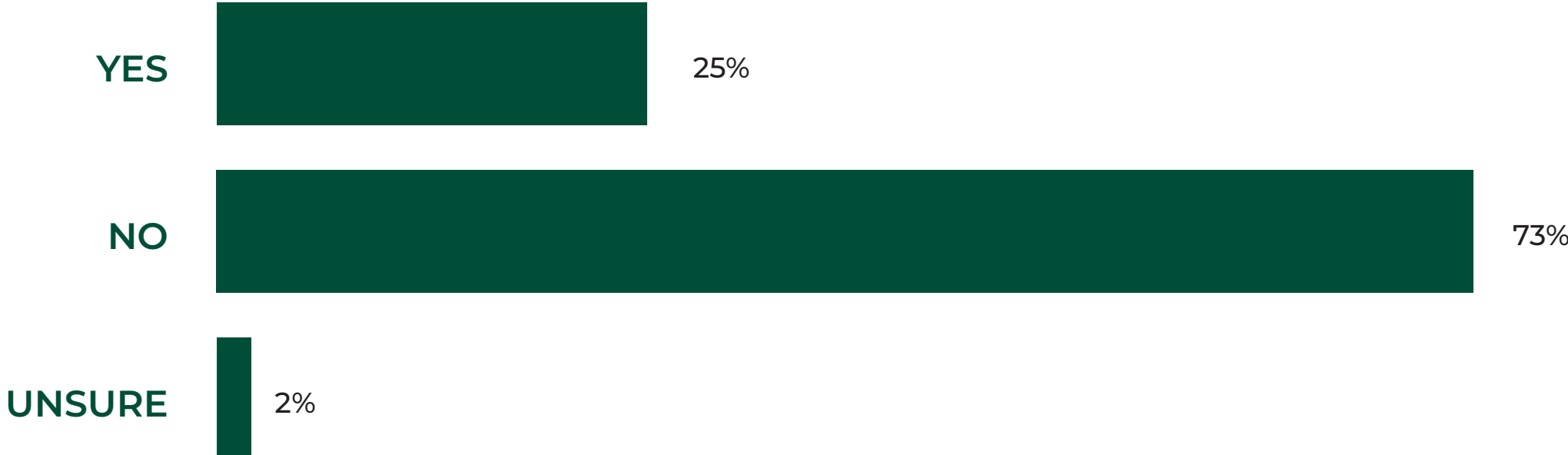


If yes, have you visited the center before?

ALL RESPONSES



STUDENT RESPONSES



FACULTY / STAFF RESPONSES



ALUMNI RESPONSES

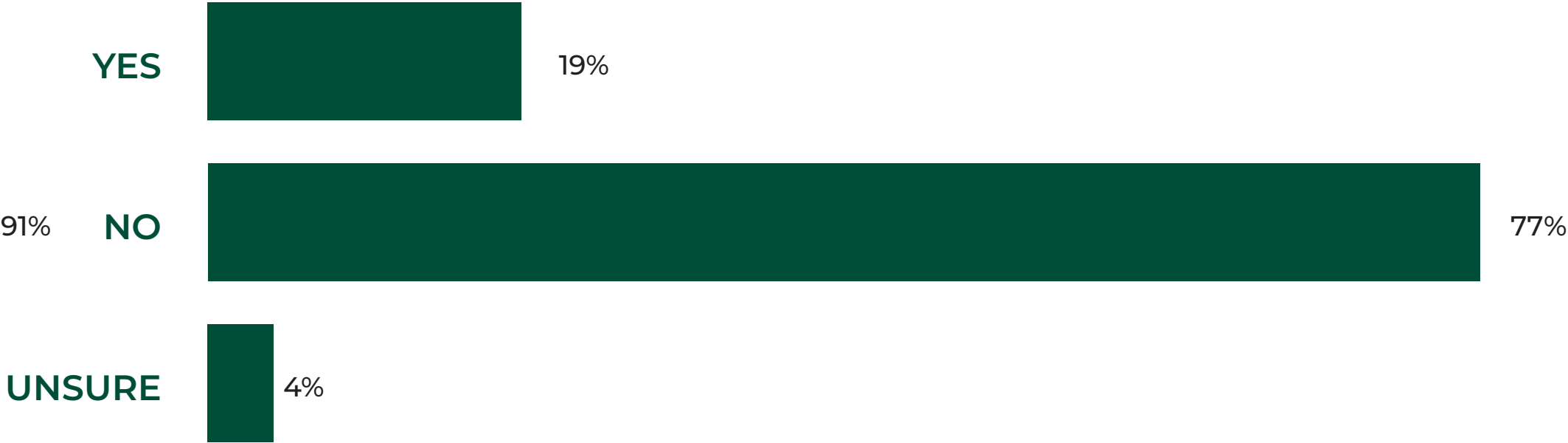


If yes, have you visited the center before?

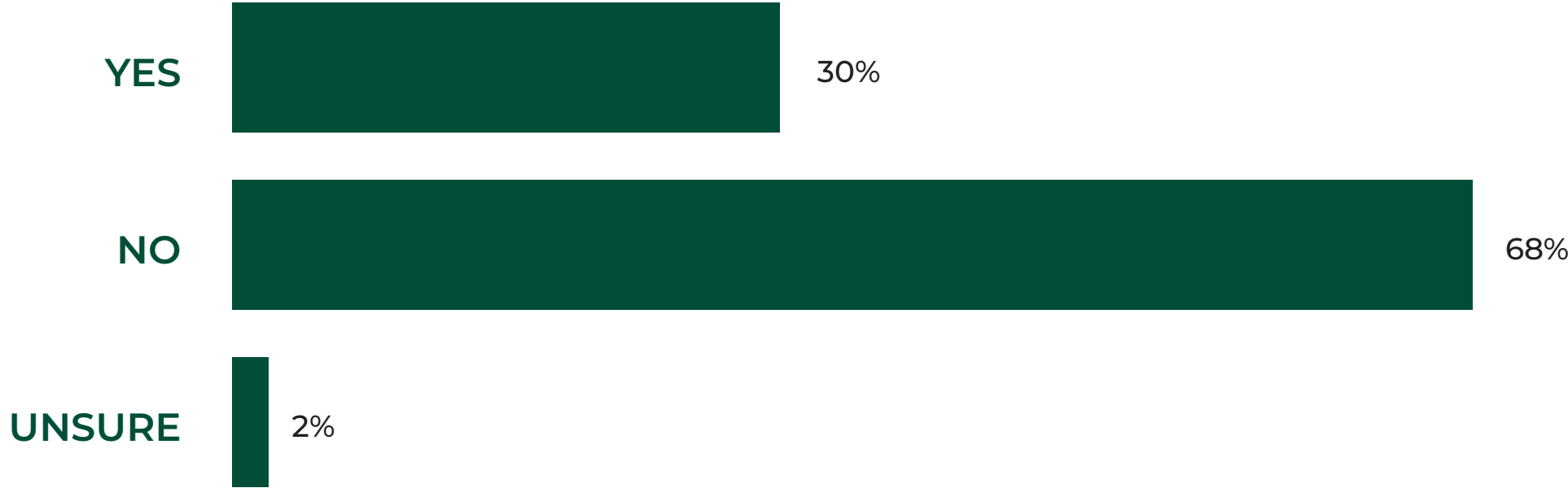
FRESHMAN RESPONSES



SOPHOMORE RESPONSES



JUNIOR RESPONSES

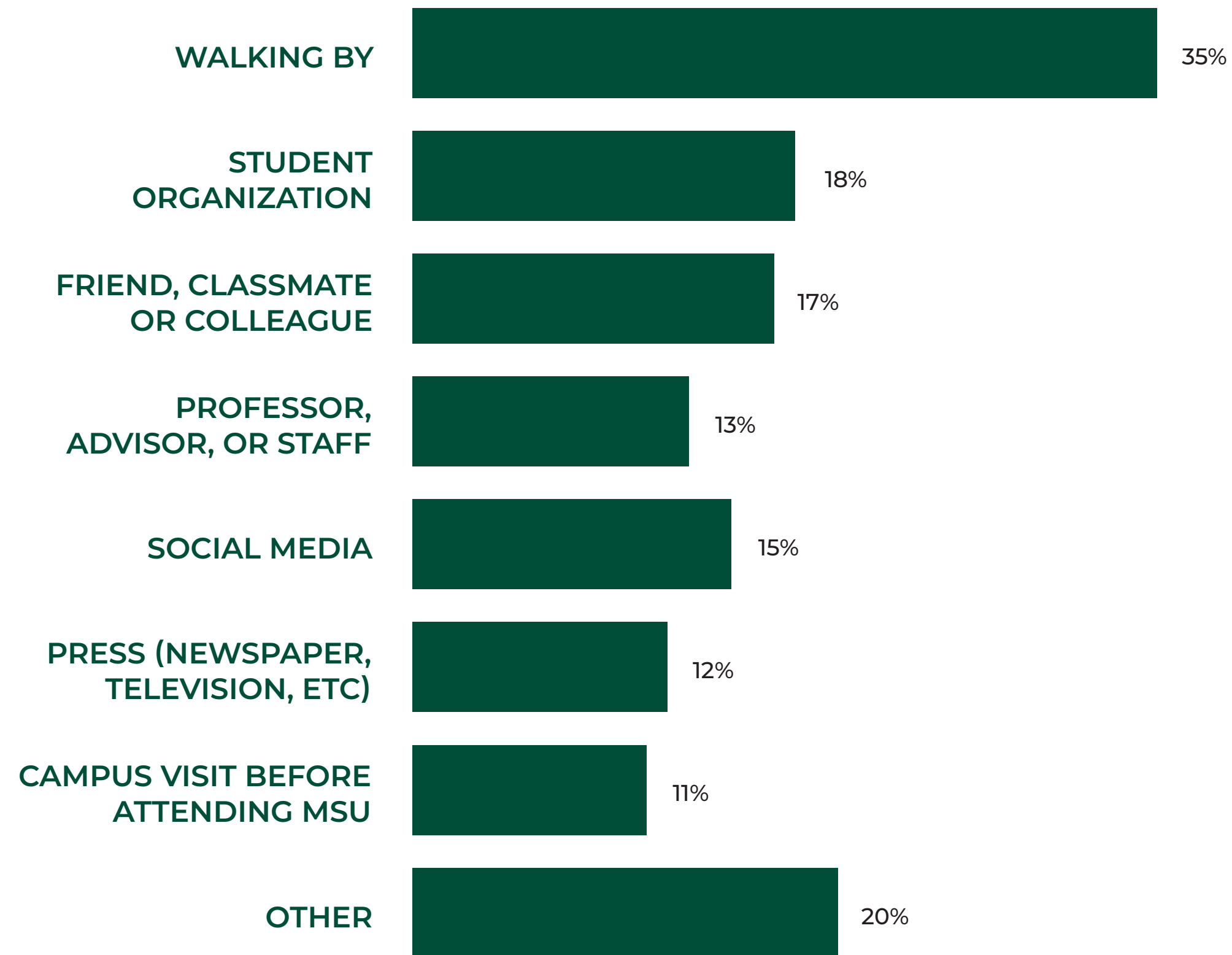


SENIOR RESPONSES

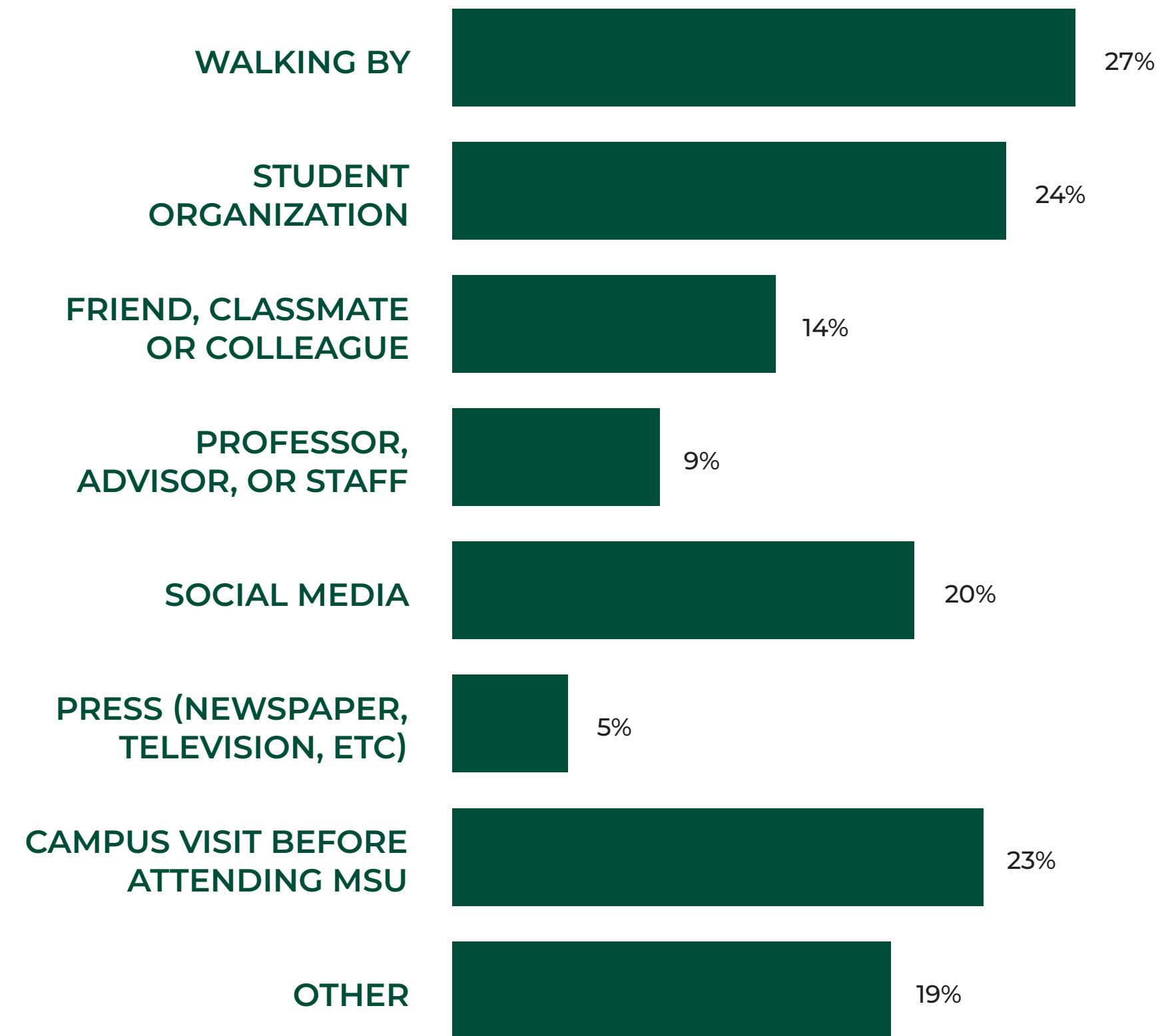


How did you become aware of the MOSAIC Multicultural Unity Center?

ALL RESPONSES

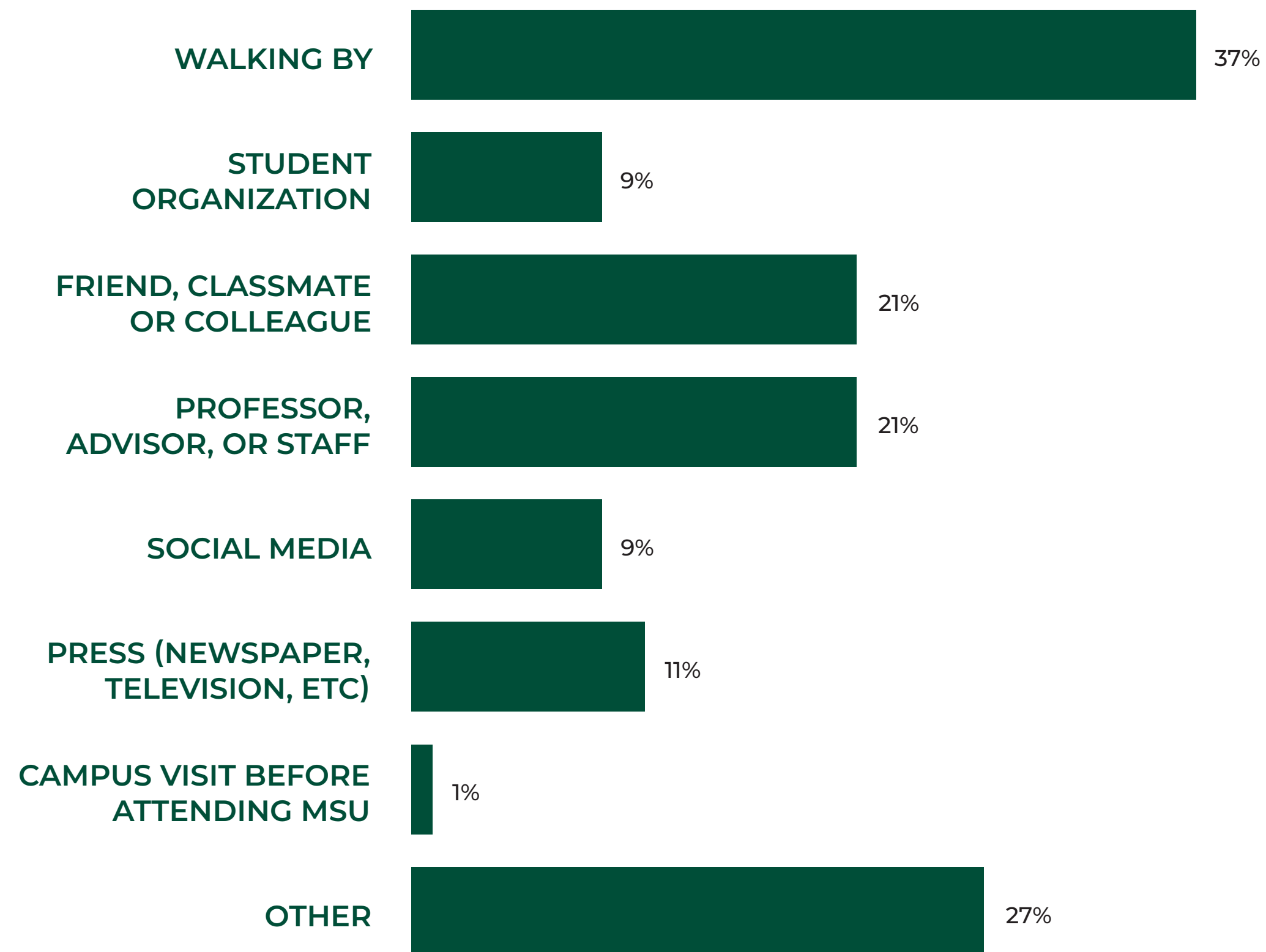


STUDENT RESPONSES

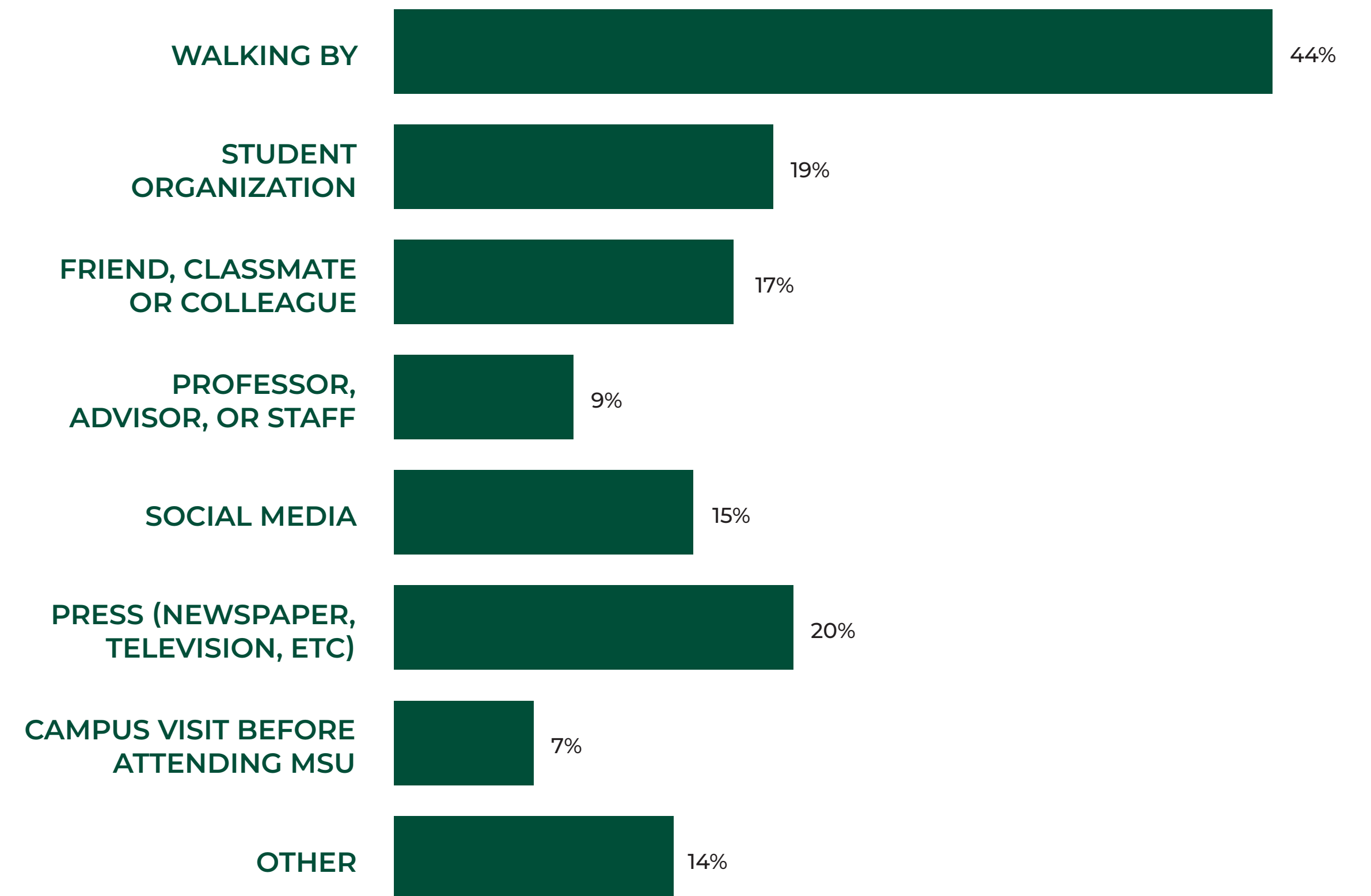


How did you become aware of the MOSAIC Multicultural Unity Center?

FACULTY AND STAFF RESPONSES



ALUMNI RESPONSES

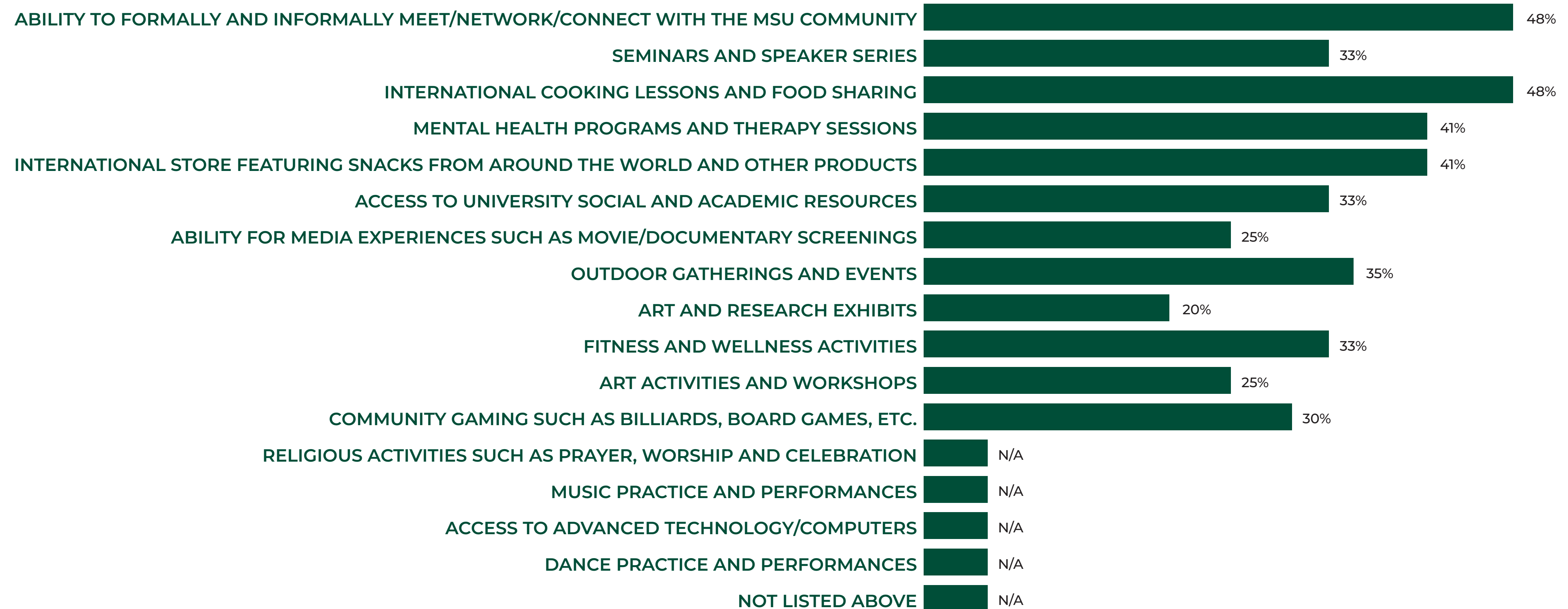


What offerings would you like to see in a new Multicultural Center facility?



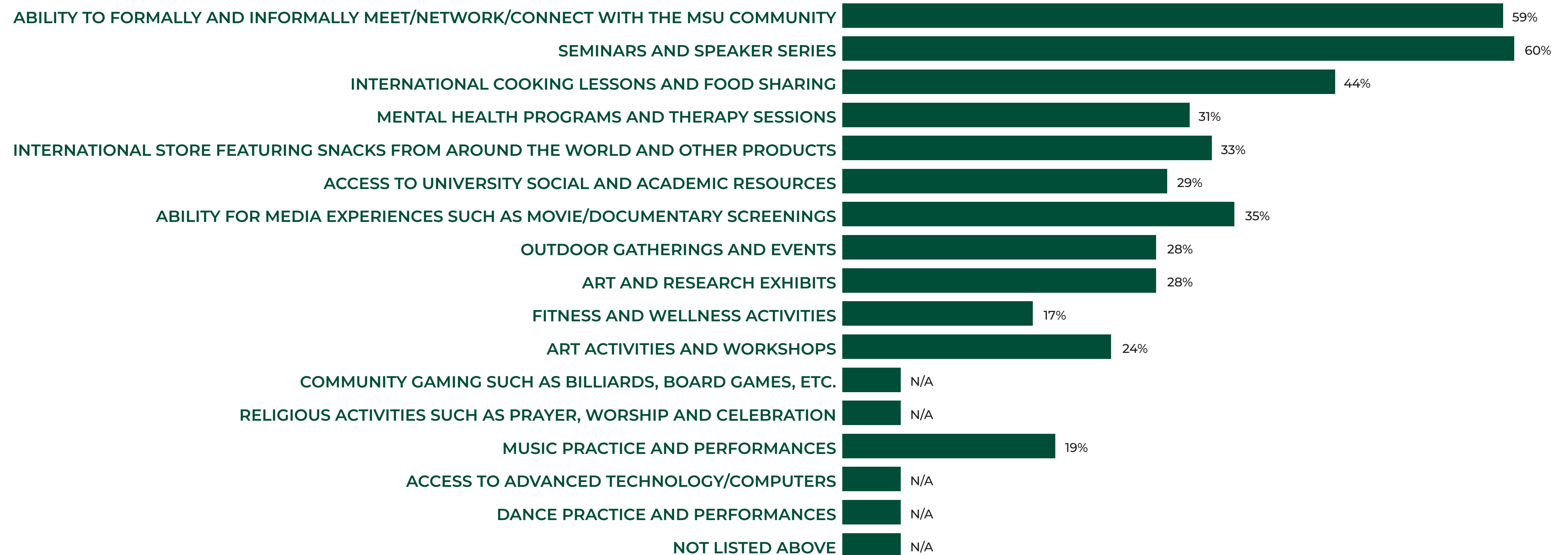
What offerings would you like to see in a new Multicultural Center facility?

STUDENT RESPONSES (TOP 12)



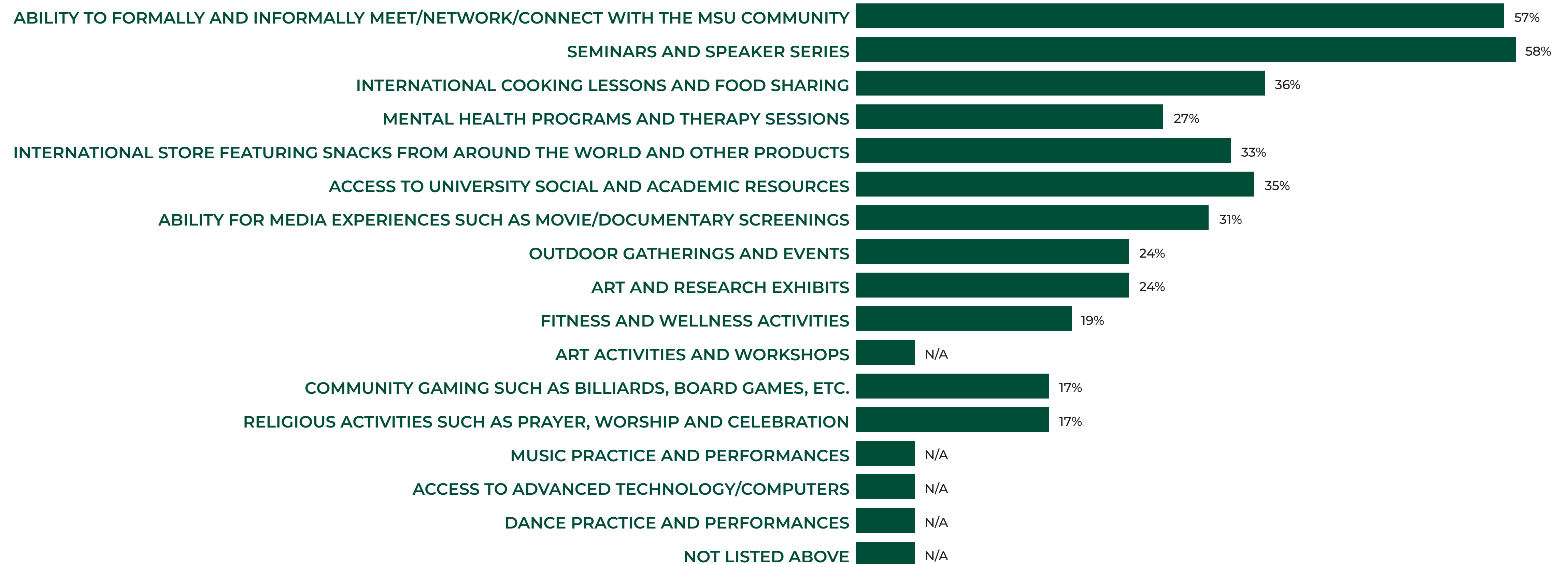
What offerings would you like to see in a new Multicultural Center facility?

FACULTY AND STAFF RESPONSES (TOP 12)



What offerings would you like to see in a new Multicultural Center facility?

ALUMNI RESPONSES (TOP 12)



3.5 | PRELIMINARY ANALYSIS | CAMPUS SURVEY

Preferred Location Results

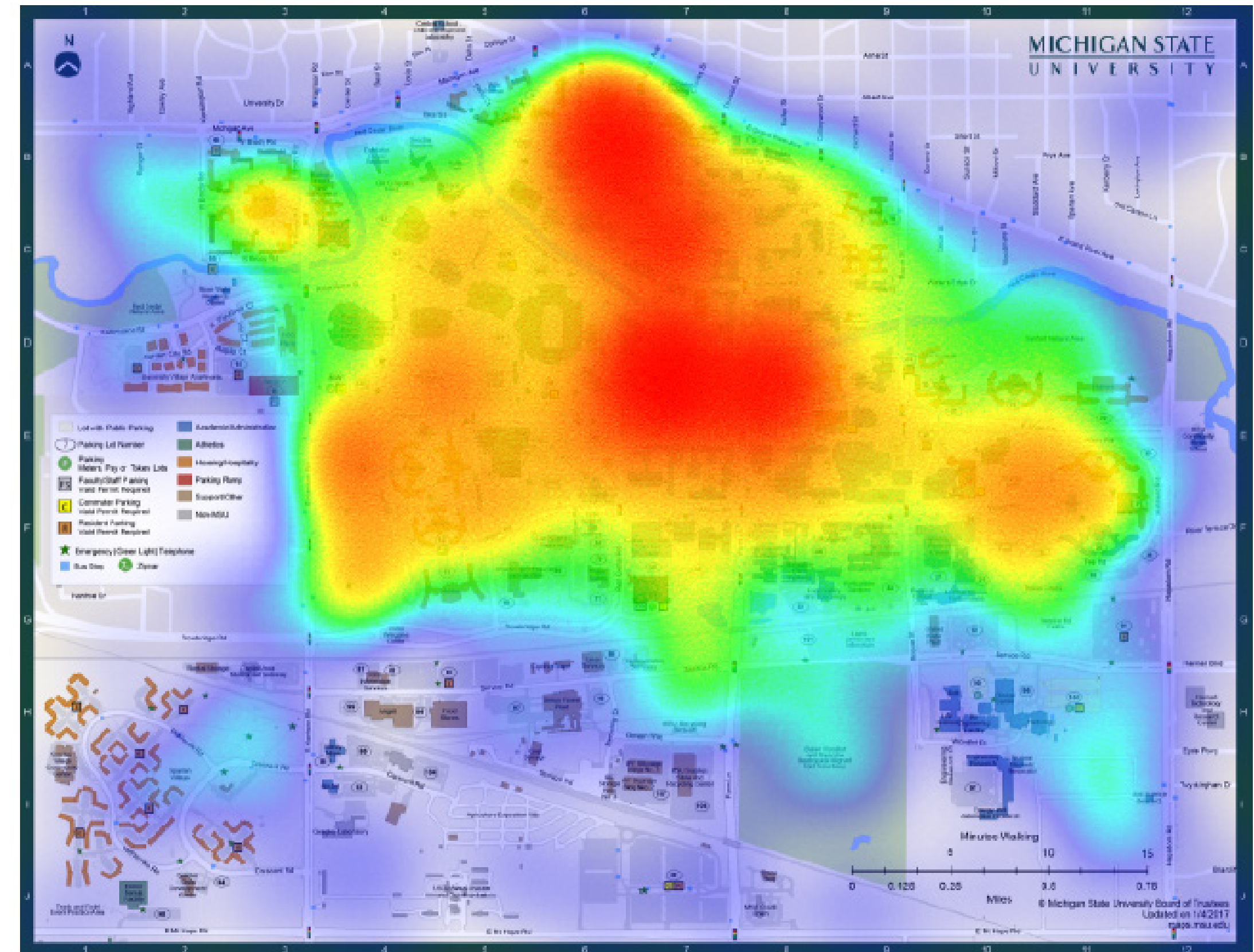
Survey respondents also had the opportunity to identify a preferred geographical location for a new Multicultural Center on MSU's campus. This was conducted by providing a campus map that participants could click to designate regions of interest. Each respondent could select up to three locations on the map.

The majority of respondents selected North Campus, near the existing MOSAIC Center, as well as the center of campus, near the international center.

The design team continued exploration of this topic through the focus groups (see next section). A central location accessible to all students throughout the day was expressed as a priority by students, faculty, and staff alike.

CENTRAL/WEST	73%
NORTH EDGE OF CAMPUS	40%
NORTH/EAST	39%
SOUTHWEST	29%
EAST EDGE OF CAMPUS	20%
CENTRAL/EAST	16%
WEST EDGE OF CAMPUS	12%
SOUTH EDGE OF CAMPUS	2%

Please select 3 points on the map below where you would like a new Multicultural Center to be potentially located.



Heat Map of MSU's Campus

3.6 | PRELIMINARY ANALYSIS | FOCUS GROUPS

Focus Group Overview

Participant Selection

Respondents to the Campus Survey were asked if they would be willing to participate in focus groups or a community engagement session. All respondents who showed interested were invited to the focus groups sessions.

To create manageable experience, focus groups were limited to 60 participants per session. The project team placed a higher value on the student perspective, so registration was limited for each type of participant. Registration limits are listed below:

- Maximum of 6 alumni registrants
- Maximum of 18 faculty and Staff registrants
- Maximum of 36 student registrants

Focus Group Design

The three focus groups were conducted in August 2020. The focus groups were designed to engage discussion on the findings from the Campus Survey, and to gain greater understanding of the desires of students, faculty, staff, and alumni for a new multicultural center. Each focus group was held via Zoom for two hours. Participants signed up on a first-come first-serve basis, and selected one of three time slots that best suited their schedule.

A series of questions were asked to begin the conversation and a “Day in the Life” exercise was conducted. In the exercise, participants were asked to plan a hypothetical day for a student on campus in great detail. This exercise revealed opportunities to integrate the multicultural center into the daily lives of students.

Questions asked included:

1. What do you think is the primary goal of this project?
2. What will you consider a successful project outcome?
3. What do you want students and visitors to take away from the building experience?
4. What would make your life easier, or what is missing on campus?
5. What things would make your organization work better?
6. Why don't more people know about or use the MOSAIC center in the MSU Union?

Attendees

Below is a breakdown of participation in each focus group held.

Focus Group 1:

- 6 Alumni
- 18 Faculty and Staff
- 25 Students

Focus Group 2:

- 5 Alumni
- 15 Faculty and Staff
- 19 Students

Focus Group 3:

- 6 Alumni
- 18 Faculty and Staff
- 25 Students

Total participants: 137

3.6 | PRELIMINARY ANALYSIS | FOCUS GROUPS

What do you think is the primary goal of this project?*

Program Needs	Desired Programs	Desired Activities	Desires for Campus	Feelings
<ul style="list-style-type: none"> Some students experience MSU as diverse but others struggle - building should take a stance on showing that diversity is a valuable thing to be expanded. Supports and celebrates various cultures that come together. Small performing arts space to share and learn music, dance, etc from each others' cultures Accessibility is important and include accessible all-gender bathrooms Inclusive to all ideas and viewpoints Address the needs of students of color to improve retention, recruitment and graduation rates The building should be stunning but be built from materials that are sustainable/eco-friendly with lots of green spaces. Solar panels and sustainable energy Architecture that attracts attention and makes people curious Building a center at MSU that celebrates the cultural diversity on campus/East Lansing Giving minority groups spaces to meet and hold events To provide space that is welcoming and open to all faculty, staff, students, and to celebrate culture at large For students to finally have a space on campus where they don't have to go through a long reservation process Conference rooms and meeting spaces that are accessible (schedule and cost) A place to celebrate other cultures 	<ul style="list-style-type: none"> A multicultural center should be a home away from home. Provide inclusive spaces for students of color where there's collaboration, communication, mentorship, and celebration. Be a realistic depiction of a MCC at MSU Actively working on doing better Outdoor patio space Display/store window to view displays from the outside of the building A space for collaboration, for performance, a kitchen for learning/ sharing. A safe space. Needing a space that has a performance area, community room, multimedia center, meeting rooms, a gallery, kitchen A facility that embraces our differences and provides a welcoming and empowering environment for all people to get the most out of their own MSU experience/role and to engage with others from other backgrounds/experiences/ cultures Have spaces for people to learn about individual cultures/history and have spaces for people from those cultures to better understand their own culture and history From "land grant to world grant" Access to food Community Platform for DEI and centrally located Resources for events Have an aggressive outreach program Provide staging space and assembly space for groups to prepare to go out on campus 	<ul style="list-style-type: none"> Center reflecting rich diversity of MSU as well as good interactions among diverse populations, enriching experience those interactions bring. One group of Spartans Help bring other people into that diverse community Actionable process that students can come to learn. Eg, BLM - teach about issues so all students can come through and learn, see how we can move forward. Blending Lansing / East Lansing / MSU community, incorporate surrounding region. Space for discussion, share stories. Education (share and learn about other backgrounds/communities/cultures) Communication (social gatherings/ engagements) A safe space where students can know how to deal with unacceptable situations, with staff and faculty resources Bring the events to the public Give students the opportunity to become global citizens Literate and functional in other cultures, and be able to pursue careers internationally; Make us all international citizens Support larger groups and more people to engage in conversation, and to see different perspectives and learn from each other Breaking barriers: everyone included Mandatory classes held in the center Two purposes - 1) engage with different cultures and perspectives, 2) dedicated space to the advanced programmatic goals of groups such as cores and cops 	<ul style="list-style-type: none"> Illustrate the goals of the campus Cheap, available and local parking ideally in the center of campus An opportunity to recreate and rebrand the University Bridge and connect to other buildings/ spaces on campus symbolic of the bridges made through the programming The building should be close to the academic center of campus to connect resources The location of the building should be readily accessible to anyone It needs to be centrally located. Be a hub on campus Maintain existing locations within student residences/halls The MCC should address the gaps. Should not take away from what is happening in the residential halls and other places on campus, but connect to them and bring awareness Student athletes, students in general - place to expand potential interests, get involved in future educational opportunities, job opportunities. To find direction for their passion and feel something other than their dedication to sport or studies. Build on passion outside of academic setting. Mentorship. Reiterate the need for an actionable process. Needs to be "natural" to get to as part of everyday student life 	<ul style="list-style-type: none"> Students need space where they feel safe and welcome, can celebrate their culture without fear of intimidation / harassment, celebrate diversity, find support in navigating potentially unfriendly or complicated system on pathway to graduation Place where students can be unapologetically themselves. Inclusive community. Space where creative arts and other students can rehearse, feel comfortable, feel free. Where an international student can feel welcomed, get oriented. "My building" - orienting location to prevent sense of being lost, isolation. Reflect strength in diversity. Speaker feels peers see MSU as predominantly white. But that's not been their experience because of the groups they've been involved in. Place you can feel you belong, truly. Place to create memories Safe and welcoming space To provide a place of belonging for students from different cultural backgrounds A center that includes everyone without barriers because of ethnicity etc. For too many years there have been times where we did not feel welcomed with programs Bring outside community in Lansing. Bring them in, share their experiences - help you know you're not alone

* Responses listed in no particular order

3.6 | PRELIMINARY ANALYSIS | FOCUS GROUPS

What will you consider a successful project outcome?*

Program Needs	Desired Programs	Desired Activities	Desires for Campus	Feelings
<ul style="list-style-type: none"> • Have the resources for marginalized students in one central location so they're not hard to find out about and easily accessible. Communication and mobility can be a challenge, so supporting a centralized space is important • Recognize the building was on Native American land • Recognize the unique issues that students of color face • Access to counselors that have cultural understanding for students of different backgrounds • A place where students come hang out, study, feel welcomed and be able to easily transition to an office that offers resources they may need • Inclusive to all abilities, beyond checking the box of ADA requirements • Central location • By having events and accessibility, people from different cultures would organically connect • Gender inclusive bathrooms • Spaces for nursing mothers • The programs need to be truly multicultural • A central space for all to interact and engage with each other • Bringing everyone together to build multiculturalism 	<ul style="list-style-type: none"> • Architecture that can break limitations (Star Trek example) • Our theme should not be Star Trek or futuristic because a multicultural building is something about the present. Diversity has existed and should be present and shown today, tomorrow, and into the future. Having a "Star Trek" theme would be so strange, to me it communicates diversity is something for the future not for the now. • A successful project would be to see the building teeming with a diverse population, collaborating and taking advantage of all resources MSU and the greater Lansing area has to offer. It also needs to be hi-tech! • Includes tradition • Successful project outcome = people talking about it, social postings, lots of activity, individuals congregating, knowledge transfer/education/learning something new, lots of positivity, go to destination, creating a social buzz... • Perhaps consider an adopted goal/mission of the new facility based on what you're learning through these focus groups that is well known and posted somewhere within that talks about the history/ development of the space... "Build it and they will come" • Indoor and outdoor event capabilities • Prayer rooms for Muslim students on campus • Recognize different religions and provide a private space for practice • Encourages younger generations to take part. Encourages growth that leads to impact in next generation of students. Interactive component for kids who visit. 	<ul style="list-style-type: none"> • Work with AIIS (American Indian and Indigenous Studies) • That students are actively using and engaging the spaces and resources and connecting with each other, engaging with each other, learning about and with each other about different cultures, identities, backgrounds. • Building relationships. Networking to support career, personal life as well. Memorable spaces that reflect... A person feels they've left something behind as well when they move on from campus. • Teaching about racism, different cultures in a space that allows everybody to access in the region. Not just about teaching current issues. Malleable space that projects current hot topics and responses students are taking, so others can engage in them too (e.g., access community service projects). • Success = people talking about it. A place where people congregate and come together to learn something new • Not necessarily hiding from the rest of the world, a place to build community • A place where people can go to check score cards, progress, give input in places where they feel there are gaps 	<ul style="list-style-type: none"> • If the goals and mission of the center was spread through every building on campus (perhaps through graphics). Create social spaces like this throughout campus, with the MCC being the central hub. • Embed these missions and goals across campus. Maybe branches of the MCC in other buildings, like a network. • A connection between the center and the other sites. The colleges are currently undergoing a transformation to improve DEI. • A successful project outcome would somehow result in larger conversations about diversity, equity and inclusion. It would not result in a completed construction project...But rather, result in a more inclusive campus. This building should absolutely bring with it larger changes surrounding the way MSU regards diversity, equity and inclusion. • Populated area of campus, maintains level of comfort people to be open in sharing their identity. Keep encouraging people to continue this in the future. Inspire other areas of campus to follow suit. 	<ul style="list-style-type: none"> • People feel welcome and invited, sense of pride about MSU. As a student, speaker made themselves open to meet new people. Want to see a place where others can have that experience and a place where people feel a part of rich diversity of MSU. • An experience - walk through and see history, diversity. Feel uncomfortable, teach me. Help to evolve change on campus. • A place where everyone can find a moment in their day to relax, to breathe easy and find some peace • Heaven, respite, safe space • Approachable and welcoming design inside and out • Symbolically the spaces need to be safe spaces for identities and backgrounds • Students may not want to utilize space if this has not been confronted. Space to alleviate challenges for students moving forward.

* Responses listed in no particular order

3.6 | PRELIMINARY ANALYSIS | FOCUS GROUPS

What do you want students and visitors to take away from the building experience?*

Program Needs	Desired Programs	Desired Activities	Desires for Campus	Feelings
<ul style="list-style-type: none"> • Something that people want to go in, take pictures of, be apart of • There definitely needs to be art on the outside and a fantastic gallery on the inside • The building speaks for itself • Space for performing arts of different cultures. An auditorium space, small theatre experience • The building should be have with braille • A space that normalizes other cultures and educates people on the experiences and identities other than one's own • Students/visitors take away- 1) MSU values DEI, 2) dialogue is critical 3) understanding different cultures/ inclusion is critical, 4) all people feel safe • Get the help you need or at least the starting point that you need, the space that you want, the opportunities that you desire • It should be clear, defined, open and welcoming • It should not become overly focused on faculty but remain a resource for students • It is important to see that people actually use the building • The architecture/exterior reflects the programs on the inside (Is it social? Is it academic?). The exterior should communicate with passersby • Serve as an acknowledgment of current events - from the MSU administration • Not the place "over there." Integral to campus. "The center" 	<ul style="list-style-type: none"> • The outside should have murals from different artists that are focused on culture and cultural identity. • Maybe the art changes, is organic, moves, interchangeable. Something that people want to be a part of "hey I saw that, you need to go check it out at MSU MCC" • Could be an opportunity to engage with the community and future incoming students • It's more of a specific way to make the building speak, but integrating pride flags of various LGBTQIA+ identities • Cores rooms have historical and cultural significance with the existing murals • Cores and cops offices in the building • Food facility, kitchen or cafe ran by people of the culture • A timeline on the walls of what MSU has done for students of color (who created cores and cops, years they were formed) • Be a big and beautiful space, possibly mandatory classes where all students engage with the space and each other • Restaurant/ability to eat and study • Display the achievements of diversity • Display symbols represent multiculturalism • The interior can have a neutral space for global conversations, as well as spaces for cultural spaces/ private spaces. Recognize the central space as where we come together • Display MSU and world history within space • Dedicated space (mini theater room?) For digital media/documentaries 	<ul style="list-style-type: none"> • Invite people from different cultures to create art and create a changing display. Make it a fund raising opportunity • The grounds around the building have sculptures that represent different cultures • Cooking lessons • Made as a circle that invites strangers to sit next to each other and start a conversation • Display story on the walls - rotating + stationary exhibit • Students may not want to utilize space if this has not been confronted. Space to alleviate challenges for students moving forward. • An experience - walk through and see history, diversity. Help to evolve change 	<ul style="list-style-type: none"> • Mini buildings or booths across campus that extend the MCC • Benches and contemplative spaces outside • That MSU is a diverse, equitable and inclusive campus • This is a gateway to the rest of campus that is diverse, equitable and inclusive • It should be clear where people need to go for resources. Resources are currently spread out across campus • Diversity is not a goal but a starting point to success • Bringing DEI into the light and making it visible on campus • Should it be obvious? Or more discovery? - Both/should fit within campus infrastructure and reflects purpose of the building/exterior sculptures/iconic • An infectious catalyst. • Something that impacts not only the campus but the world • Take away that this is the center of campus. Challenge is making it central. Keep it accessible by bike, car. Epicenter of MSU campus, local community. Spark inter-cultural inspiration by representing diversity of MSU. Include cultural study centers in that building, so it is not just a social space • Campus is expansive. This place needs to be a destination. Place of expanded growth. On a tour, maybe it's the first destination but also the closing moment - it sells you on MSU. • Maybe not just a [single] building but strung throughout campus. All the way to the farms 	<ul style="list-style-type: none"> • People feel welcome and invited, sense of pride about MSU. As a student, speaker made themselves open to meet new people. Want to see a place where others can have that experience and a place where people feel a part of rich diversity of MSU. • A place where everyone can find a moment in their day to relax, to breathe easy and find some peace • Heaven, respite, safe space • Approachable and welcoming design inside and out • Symbolically the spaces need to be safe spaces for identities and backgrounds • Building to be a symbol of hope • How this building will be viewed by incoming students? • By the building educating people (tell it all!) - It begins to build trust • Sense of welcoming - something for everyone within building • Place where you walk in and know you are standing on indigenous land. Know the history of students of MSU, the stories of student advocacy leading to this point. Walk into this building and be able to take off any mask, baggage - just feel at home • From an architectural standpoint - would like to see projection of global community. Architecture itself should deliver that impact - this place is different. Like a church or temple. Feeling of pride - for everybody. The landscape has to talk to the building, and vice versus. Doesn't feel alien • An aha moment - where it all comes together

* Responses listed in no particular order

3.6 | PRELIMINARY ANALYSIS | FOCUS GROUPS

What would make your life easier, or what is missing on campus?*

Program Needs	Desired Programs	Desired Activities	Desires for Campus	Feelings
<ul style="list-style-type: none"> • Designated spaces - rent-able auditorium/ spaces are expensive so a space that is accessible for orgs for event programming. Space for approximately 300+ people • Proper staffing and student employment opportunities • Have the MCC truly be for MCC programs, faculty, staff, etc and keep the space dedicated to the MCC use • Cohesive information center. Place where you can ask any question, and they will have the information and be welcoming and willing to help • A clinic that specializes in health care for people of color • Flexible space that can be made larger or smaller • Multipurpose space that can be molded for different uses (dance practice, auditions, open mic nights, etc) not just class rooms that can be converted • A coffee shop for quick stuff, plus a dining hall for international specials? • Missing from campus specific to minorities: hair salon/barber, place of worship/meditation, ethnic food, free parking, public art that highlights people of color • Gathering space for large groups, that can have food. Indigenous groups looking for space indoor and outdoor. Without a lot of hurdles - who can reserve it, what you can do, etc. Impacts comfort level • Life easier- lactation rooms, gender neutral bathrooms, showers, food pantry • Events / activities / opportunities live calendar on the web 	<ul style="list-style-type: none"> • A clear resource to connect to all other resources on campus. So the students know where to go, who to talk to as the starting point. • Authentic foods from different cultures • See more images across campus that are familiar. People and images that you can identify with. To be represented. • Places of worship • Wellness room • Cooking classes/authentic food that is accessible to everyone • Space for radio/blogs - digital communications to serve better for educational purposes • Different cultural images across campus, both indoors and outdoors • A focus on ethnic food and a space to congregate around that • Making things easier: 1) cores group programming space. 2) Barber shop 3) rotating (but multiculturally-focused) display area from broad and MSU museums collection. • Cultural food stores please • Connection to a process to report incidences and be held accountable for • Barber shop that caters to their hairstyle / type 	<ul style="list-style-type: none"> • Transfer student - did go through a process, but generic, not extensive • Graduation for multicultural students to accommodate thousands of students - adjacent to parking • Representation in the building. • What if the center provided a place for on-campus jobs or volunteer opportunities • If students could offer their skills within their community • Ex: small business event that introduced students to people who can provide hair cuts • Coordinating a "bring a stranded foreign student home for thanksgiving break" matches. This can be a great experience for both • A hub for students to learn about experiences that could support their understanding of DEI beyond the walls of the center — ie education abroad, community service, majors and minors • My life on campus would be a lot easier if students were held accountable for spreading hate speech, more frequently, and if the school more regularly cared about the needs of transgender students • Advising services, tutoring, counseling, other supportive services • Financial aid services • Connect the students to the other resources on campus 	<ul style="list-style-type: none"> • A place to just be social on campus and not have to go off campus • Something that attracts people into the building • A bus stop, uber or lift • Accessible other than by foot • Could be located near athletic facilities on campus • Resources available to the community in general • A streamlined system for addressing incidences and holding accountability, having them be followed up on • A training process for faculty and staff designed with students • Planning events is a challenge on campus, especially if you want to bring in catering. Limited options. There are large classrooms but we need open spaces for very large groups • Can be complicated to coordinate with RHS - need some place free from the red tape • Add to safety and security - campus is dark at night. Sufficient lighting. More aesthetically pleasing, relaxing places, flowers - beautification of it 	<ul style="list-style-type: none"> • Less antagonism • To be included and have a sense of belonging A space for relaxation/ meditation/ aromatherapy and it be free or at a minimum price • Creating a coalition of students where we can support each other through these incidences would be fantastic to facilitate in a building like this since sometimes the school doesn't or can't do anything • For international students, some place to feel safe is important. Lounging spaces, not sitting on benches along a long corridor. Sleeping pods. No mobile areas where people can actually talk.

* Responses listed in no particular order

3.6 | PRELIMINARY ANALYSIS | FOCUS GROUPS

What tools or things would make you or your organization work better?*

Program Needs	Desired Programs	Desired Activities	Desires for Campus	Feelings
<ul style="list-style-type: none"> • Somewhere to study. A place to go to focus on their education • Inviting and welcoming space. Maybe different themes across the building. Create a pleasant place to work • A state of the art space with digitized technology. Can provide language translation, ai resources, robotics. Provide the opportunity for students who aren't studying technology to have access and be exposed to those technologies • State of the art technology - a board room, capabilities for global phone calls/Skype calls, a space for brainstorming. A place that everyone would want to go because it's state of the art • For this to be a hub for all resources would be helpful - a welcome desk that can help answer questions and direct accordingly - like... Oiss/visa help, finding interpreters, LGBTQ+, resource center for person's with disabilities, ombudsman, et al. • An auditorium • Office space with laptops, monitors and ability to have a presentation • Spaces for people with respiratory, sensory issues, proper ventilation 	<ul style="list-style-type: none"> • Student tours and career advisors (specifically individuals of color) • A location where students can post skills/services/etc what their looking for. An information hub • Better collaborative spaces • Centralized message board - find groups, resources. Need a place where you know where you can find information - lots of individual bulletin boards all over campus • Mailing services - usps, fedex or ups so students and faculty don't have to go off campus • A bank branch because getting to a branch off campus during the day is challenging • Lack of space for religious and cultural practices • Adaptable technology • There is a bank (per se) at the admin bldg. (1st floor), MSUFCU ATM would be good in the MCC, the union also has a post office (1st floor) - I don't think we necessarily need to duplicate what already exists, but rather collaborate and/or move • Microphones for those who may be hard of hearing • A place to host events and have a proper meeting space • A website that links people to resources, social groups, brings it in one place 	<ul style="list-style-type: none"> • A space where students can receive personal help with taxes • Where you can find information outside of social media • Mental health, student assistance - care for stress, worries, isolation. Environment to get that care, confidentially. Prevent mental health issues negatively impacting student learning. Confidential care 	<ul style="list-style-type: none"> • There has been a critique of mental health services on MSU's campus. Build up mental health services. Case managers, people who can provide this support in this great, equitable space • Has not been able to sustainability meet students' needs for therapy. MSU does not have sufficient staff per the standards, the ratio is off - especially for people of color, diverse students • The presence of MSU's native American institute in the building would be helpful 	<ul style="list-style-type: none"> • Avoiding duplicating services and spaces that already exist on campus and allow attention for the areas that are not currently being covered • Physical spaces for personal growth - physical or mental health, better understanding of people, emotions - support for student success. • The ability for the building to adapt as the world changes

* Responses listed in no particular order

3.6 | PRELIMINARY ANALYSIS | FOCUS GROUPS

Why do you think many don't know that the MOSAIC Center exists?*

Physical

- Visibility issues with the current location and can only hold approximately 50-100 people
- Outside of the 1st floor, the placement of the existing MCC isn't in a place where people would naturally congregate. Not enough foot traffic
- Walking on campus at night can be unsafe. It could feel that while traveling on campus to a safe space you maybe be unsafe.
- The existing space is not large enough to use, so people stopped talking about it when looking for places to host meetings
- Union is on north campus and located far from a lot of students. Central campus would be a good location for a center (wells/international center area of campus)
- The existing center lobby cannot accommodate large tour groups
- Having a physical building where people can go to have conversations about incidences that are happening on campus
- A "front-facing" building could allow faculty and staff to engage in such activity, with another building (or portion of the building) could provide resources for undergraduate student leaders doing work to service underrepresented cultural groups.
- Feels like MSU said "we need a multicultural space. Where can we stick it?"
- North neighborhood is least racially diverse area on campus, that's not helping, called "white circle", "harry potter dorm" – very few students of color live there.
- Idea makes sense if union is perceived as a central space. But it doesn't seem that's true. Challenged by architecture and age of that building. Not the right place for this program.
- Union may be central for students in adjacent programs. Food court sucks. Menu seems to be improving. Bigby is there too.
- Mosaic is beautiful space but it is out of the way. Black alumni do use it quite often.

Program

- The center needs to be open when students need it and be more accessible for college students (later hours). A space that is safe during later hours
- Technical aspect - allow some sort of technology outside of conference rooms that allows someone to book the room on the spot or electronically by clicking on a kiosk (and access it from the INTERNET too for those that want to book in advance) and the calendar busy/ free can be seen with contact details
- The space is largely utilized by inter-cultural aids, and it's not often available for cores and cops and other groups that could use it
- The union is kind a like a tourist space- for alumni, MSU store, dairy store, bank branch. It supports those visiting campus but could better support students on campus
- Students need a space where they can reserve for meetings without paying
- Provide opportunity for these conversations to be had and allow them to learn
- Create a community to get through school
- Foster the conversations that will have a wide reaching impact on campus
- The center can be an expansion of the cores and cops groups
- Create an inclusive environment and a space for dialog
- Meet the community that will support you through your college experience
- Include a gen. Ed class in the building and require students to go in
- MSU dialogues was in mosaic, not a lot of students there - out of the way, hard to get to, not well advertised, 3 flights of stairs. It was a beautiful space. Lack of connection for the learning spaces.
- Union is a nostalgic experience. I don't take people to the union

Marketing

- If you look at the spaces around mosaic in union – ballroom, lab. Space doesn't feel very multicultural. Miscellaneous things on this floor, leftover space.
- More appropriate space may have been OISS, where international students are attending events.
- Applicable to international students
- Include facility in orientation tour
- Was there a celebration or grand opening? - There was but not well attended. Space also did not meet student expectations for mcc. Was created without input of the students/ main users.
- Maybe creating a website/social media for the center with it's resources would be helpful
- There is a lack of communication/ reaching out to current or incoming students
- Students need to be informed on resources early on and not left to find resources on their own
- Bring awareness of the center during orientation
- Communication at the university is challenging
- The events can drive/attract people to come to the center. Actively do an orientation to bring awareness of the available resources to the different minority groups across campus
- Haven't seen any emails for mosaic - only knew about it because i went to that floor for other reasons. Poorly advertised. Elevators are hidden. Hinders access.

Design

- The way the mosaic 'looks', it feels like an office/unit rather than a 'space' one is welcomed to be and utilize as a regular person
- The existing isn't a very hospitable space, and seems like an office space.
- Doesn't have a secure space, if students want to run downstairs to get a snack they would have to pack everything up.
- Not a comfortable space
- Cores/cops do not find it as a viable space
- Not very student friendly. It is used, very bleak. Benches outside are uncomfortable. You can miss it because gallery is in front of it. Columns block view. [?]

* Responses listed in no particular order

3.6 | PRELIMINARY ANALYSIS | FOCUS GROUPS

Survey Responses*

Goal Essence

Welcoming	Accessible	Curiosity
Flexible	Outreach	Home
Celebrate Diversity	Teaching & Learning	Belonging
Reparative	Showcase	Informative
Opportunity	Campus Center	Relaxing
Supportive	Safe	
Malleable	Innovative	

MSU Student Road Blocks

Lacking ethnic services in east Lansing area	Information outreach services (marketing)
Large interior gathering spaces for events	Accident/incident reporting
Exterior gathering spaces	Accountability
Space scheduling and reservations	Mail/shipping services
Food preparation	Worship spaces
Food choices	Student employment opportunities
Parking	Fitness and rec facilities

Success Essence

Event Capacity	Structured Programs
Educate the next generations	A true multicultural experience
Authentic	Welcomes Everyone
Become a catalyst of change at MSU	Allow people to be open
Engage with others	Respite space for everyone
Connection to Campus	Accommodating to All
Change Community	Be the evolution of MSU

MOSAIC Lack of Awareness

Too Small	Its being predominantly used by inter-cultural aids
Hidden	Not safe for walking during certain times
Not Advertised (No Marketing)	Doesn't see open for "whatever" too formal
Incoming student aren't told about the MOSAIC.	Feels like a closed office space
Its not a destination its just a place	Designed for visitors not students
Its use requires to much effort.	Not Comfortable
Hosted events are appealing to students	

Take Away Essence

Home	Its the Gateway / Nexus to MSU
The Heart of MSU	A place for essential resources
Spark of MSU	A living breathing entity
Our Past, Present and Future	A essential part to success at MSU
Building speaks all languages & cultures	Normalizing
Reflects principals of all ethnicities	MSU values diversity
Reflection of the diversity that MSU has.	

MSU Safety Concerns

Drinking in dorms	Lack of Faith in MSU OIE
Walking alone after hours	Harassment
Prejudice actions by other students	MSU's history, past and stories
Prejudice comments by others	
MSU Accountability to handle issues/incidents	
MSU Incident follow-through	
Cities history and reputation	

* Responses listed in no particular order

3.6 | PRELIMINARY ANALYSIS | FOCUS GROUPS

Survey Responses

Following the focus group meetings, MSU generated a word cloud depicting the most common words and phrases mentioned by focus group participants. The bigger and bolder the word appears, the more often it was mentioned.

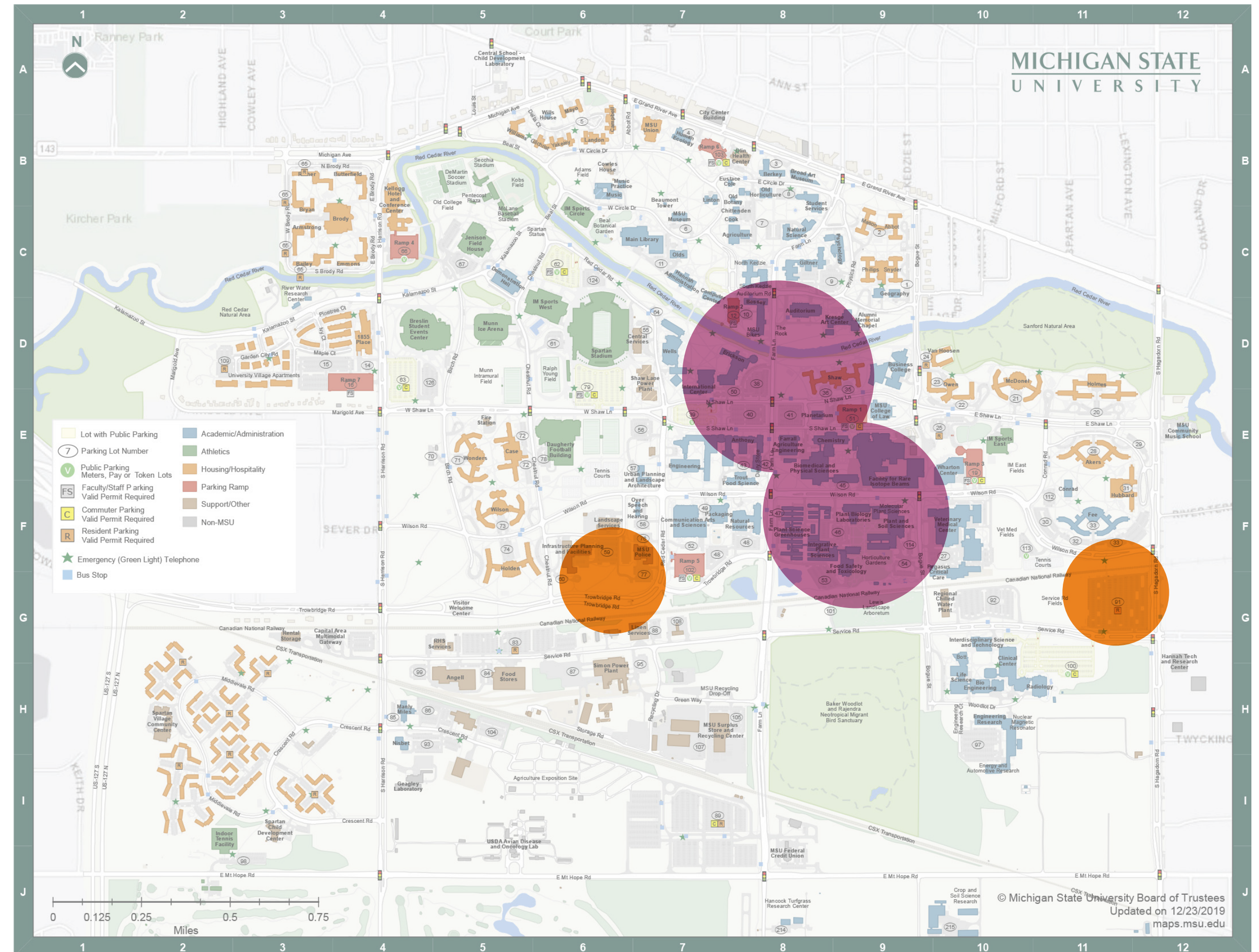


3.6 | PRELIMINARY ANALYSIS | FOCUS GROUPS

Preferred Location Results

The survey and focus groups were completely aligned in responses to the desired location of the new center. Many want the new center to be located in the center of campus. The idea that the new center is something more than a building, but a catalyst, that's infectious in nature, and permeates throughout the university from a central point was overwhelming. When choosing the final location, the following work-session comments should be taken into consideration:

- All roads should lead there.
- Tours should start and end at the new center.
- It should be located on public transportation routes.
- It should be Uber & Lyft accessible pick up and drop off.
- There should be green space for gatherings, activities, and relaxing.
- Pathways to the center need to be equitably illuminated for safety.
- Dedicated parking or parking plan should be considered.
- Visibility from the exterior campus.
- Adjacent building and connectivity to other building may be important.
- Central location may efficiently allow for better late night transport/escort service.
- Possible essential student success services could be located in the center so its central location needs to be considered for ease of use.



- Primary Desired Location
- Secondary Desired Location



MSU MULTICULTURAL CENTER FEASIBILITY REPORT

4. Programming

4.1 | PROGRAMMING | PRELIMINARY PROGRAM

Building Program Matrix

SPACE TYPE	MIN. SQ FT	MIN. QTY	TOTAL	NOTES
Dedicated Space				
Office / Workstations	100	14	1400	E.g. Student groups
Program and Facility Staff	100	4	400	
Hoteling / Drop-in Office	100	6	600	E.g. Counseling, Financial Aid, etc.
Program Contingency	2000	1	2000	
Shared Space				
Multipurpose Room	1500	3.5	5250	50 people @ 30 SF/PP with movable partitions
Large Meeting Room	600	1	600	20 people @ 30 SF/PP
Medium Meeting Room	300	2	600	12 people @ 30 SF/PP
Small Meeting Room	180	2	360	6 people @ 30 SF/PP
Breakout Rooms	120	6	720	4 people @ 30 SF/PP
Work Room (for Student Orgs)	600	1	600	20 people @ 30 SF/PP
Quiety Study Space	180	1	180	6 study carrels @ 30 SF/pp
Resource Center	400	1	400	6 people @ 30 SF/PP, flexible space, resources
Computer Stations	200	1	200	4 people @ 50 SF/PP
Reflection Room (individual)	80	1	80	Space for individual prayer, meditation, etc.
Reflection Room (group)	600	1	600	12 people @ 50 SF/PP, ability to separately host 2 small groups
Ablution Station	175	1	175	Includes 2-4 foot bath stations, storage for shoes, benches, and waiting / distancing space
Personal Health Room	80	1	80	Nursing mother's room
Community Kitchen	600	1	600	30 people @ 20 SF/PP
Dreamer Center	150	1	150	5 people @ 30 SF/PP
Support Space				
Catering Support Space	150	1	150	
Mail Room / Printing / Storage	250	1	250	
Student Organization Storage	100	13	1300	Room with storage cages for student orgs, 100 SF/student org
Lockers	6	50	300	50 lockers stacked 2 high
Facility Storage	200	1	200	
Furniture Storage	600	1	600	Storage for furniture adjacent to MP Rooms
Common Area				
Main Entry	200	1	200	
Reception Area / Exhibit Space	500	1	500	
Main Lounge / Living Room	2000	1	2000	80 people @ 25 SF each

4.1 | PROGRAMMING | PRELIMINARY PROGRAM

Building Program Matrix

SPACE TYPE (continued)	MIN. SQ FT	MIN. QTY	TOTAL	NOTES
Gross Core Rooms				
Restrooms including all gender				Space requirements applied in Grossing Factor x 1.55
Custodian Closet				Space requirements applied in Grossing Factor x 1.55
IT Closet				Space requirements applied in Grossing Factor x 1.55
Corridors				Space requirements applied in Grossing Factor x 1.55
Mechanical				Space requirements applied in Grossing Factor x 1.55
Stairs				Space requirements applied in Grossing Factor x 1.55
BASE PROGRAM NSF SUBTOTAL			20,495	
BASE PROGRAM GSF SUBTOTAL			31,767	

SPACE TYPE - ALTERNATES	MIN. SQ FT	MIN. QTY	TOTAL	NOTES
Dance Practice Space				
Dance Practice	800	1	800	20 people @ 40 SF/PP
BASE PROGRAM AND DANCE PRACTICE SPACE NSF SUBTOTAL			21,295	
BASE PROGRAM AND DANCE PRACTICE SPACE GSF SUBTOTAL			33,007	

International Sparty's Space				
International Sparty's	2000	1	2000	
BASE PROGRAM AND INT'L SPARTY'S SPACE NSF SUBTOTAL			22,495	
BASE PROGRAM AND INT'L SPARTY'S SPACE GSF SUBTOTAL			34,867	

Large Event Space				
Event Space	15000	1	15000	Flat floor, 1000 people @ 15 SF/PP
BASE PROGRAM AND LARGE EVENT SPACE NSF SUBTOTAL			35,495	
BASE PROGRAM AND LARGE EVENT SPACE GSF SUBTOTAL			55,017	
BASE PROGRAM AND ALL ALTERNATE SPACES NSF SUBTOTAL			38,295	
BASE PROGRAM AND ALL ALTERNATE SPACES GSF SUBTOTAL			59,357	

4.1 | PROGRAMMING | PRELIMINARY PROGRAM

Site Program Matrix

SPACE TYPE	MIN. SQ FT	MIN. QTY	TOTAL	NOTES
Exterior Space @ International Center				
Building Entrance (main)	800	1	800	
Building Entrance (secondary)	500	1	500	
Flexible Event Plaza	4000	1	4000	
Permanent Seating at Plaza	-	100	-	Minimum seat (2 LF), 100 people x 2 LF = 400 LF
Small Breakout Space	200	3	600	
Program Contingency	500	1	500	
BASE PROGRAM @ INT'L CENTER SUBTOTAL			6,400	

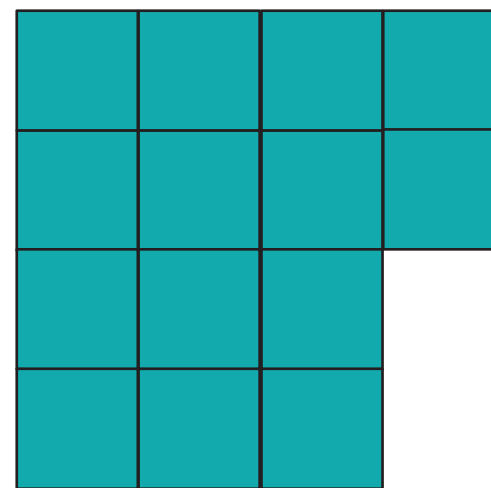
SPACE TYPE	MIN. SQ FT	MIN. QTY	TOTAL	NOTES
Exterior Space @ New Build Site				
Building Entrance (main)	800	1	800	
Building Entrance (secondary)	500	1	500	
International Sparty's Entrance	500	1	500	Provide outdoor seating if space allows
Flexible Event Plaza	4000	1	4000	
Permanent Seating at Plaza	-	100	-	Minimum seat (2 LF), 100 people x 2 LF = 400 LF
Small Breakout Space	200	3	600	
Stormwater Treatment	2500	1	2500	Size based on Erickson's Hall rain garden
Bike Parking	600	2	1200	30 SF per rack, 2 bikes per rack = 40 bikes
Loading and Service	2000	1	2000	Assume two bays, requires service drive
Program Contingency	500	1	500	
BASE PROGRAM @ NEW BUILD SITE SUBTOTAL			12,600	

4.2 | PROGRAMMING | PROGRAM VISUALIZATION

Dedicated Spaces



a



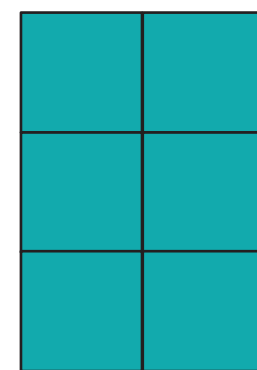
b

a) Program Contingency
QTY: 1, SF: 2,000

b) Office/Workstation
QTY: 14, SF: 1,400



c



d

c) Program and Facility Staff
QTY: 4, SF: 400

d) Hoteling/Drop-in Office
QTY: 6, SF: 600



OFFICES / WORKSTATIONS



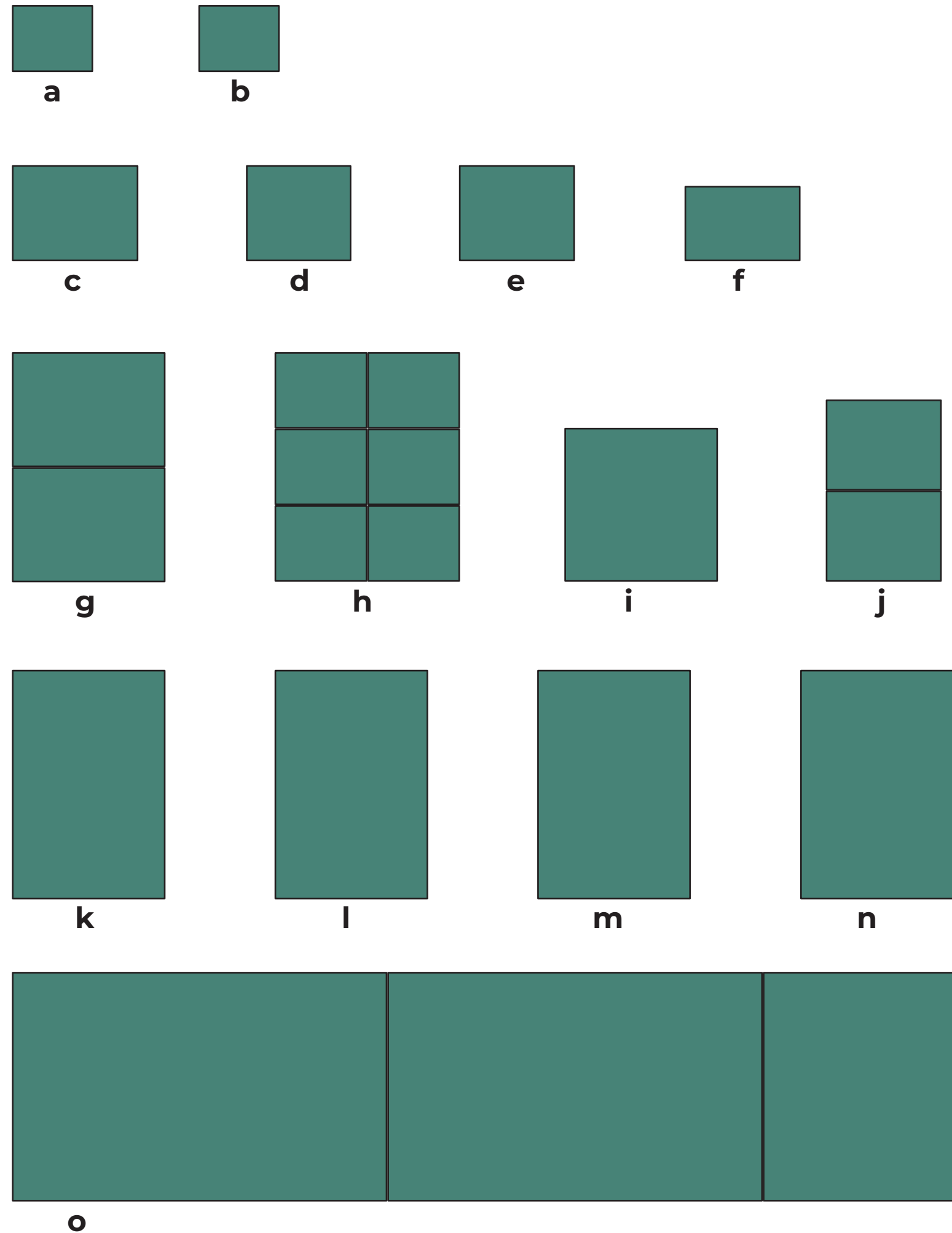
OFFICES / WORKSTATIONS



DROP-IN OFFICES/HOTELING

4.2 | PROGRAMMING | PROGRAM VISUALIZATION

Shared Spaces



a) Personal Health Room
QTY: 1, SF: 80

b) Reflection Room (Individual)
QTY: 1, SF: 80

c) Computer Stations
QTY: 1, SF: 200

d) Ablution Station
QTY: 1, SF: 175

e) Quiet Study Space
QTY: 1, SF: 180

f) Dreamer Center
QTY: 1, SF: 150

g) Medium Meeting Room
QTY: 2, SF: 600

h) Breakout Rooms
QTY: 6, SF: 720

i) Resource Center
QTY: 1, SF: 600

j) Small Meeting Room
QTY: 2, SF: 360

k) Large Meeting Room
QTY: 1, SF: 600

l) Work Room
QTY: 1, SF: 600

m) Reflection Room (Group)
QTY: 1, SF: 600

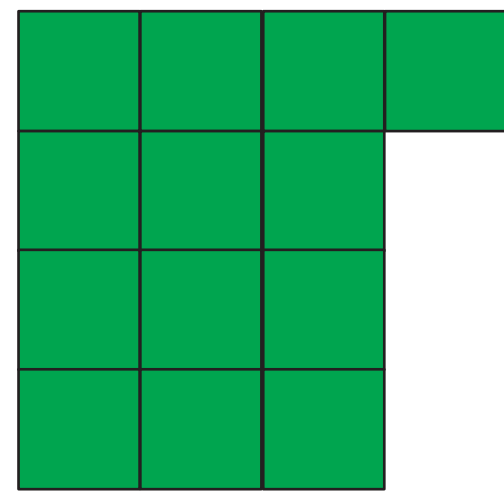
n) Community Kitchen
QTY: 1, SF: 600

o) Multipurpose Rooms
QTY: 3.5, SF: 5,250



4.2 | PROGRAMMING | PROGRAM VISUALIZATION

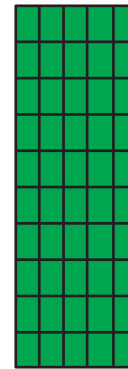
Support Spaces



a



b



c

a) Student Org Storage
QTY: 13, SF: 1,300

b) Furniture Storage
QTY: 1, SF: 600

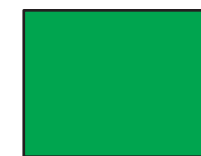
c) Lockers
QTY: 100, SF: 300



d



e

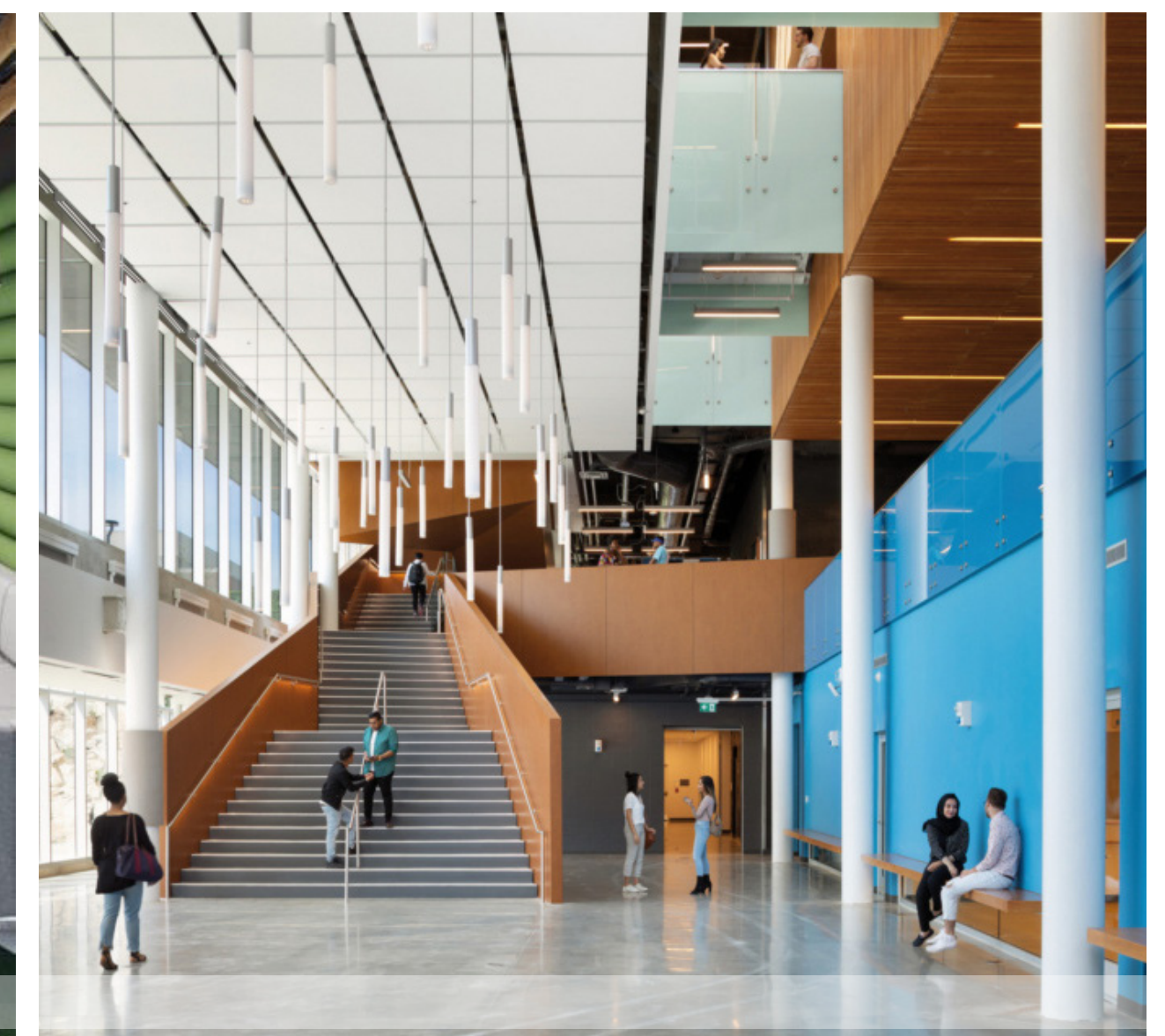
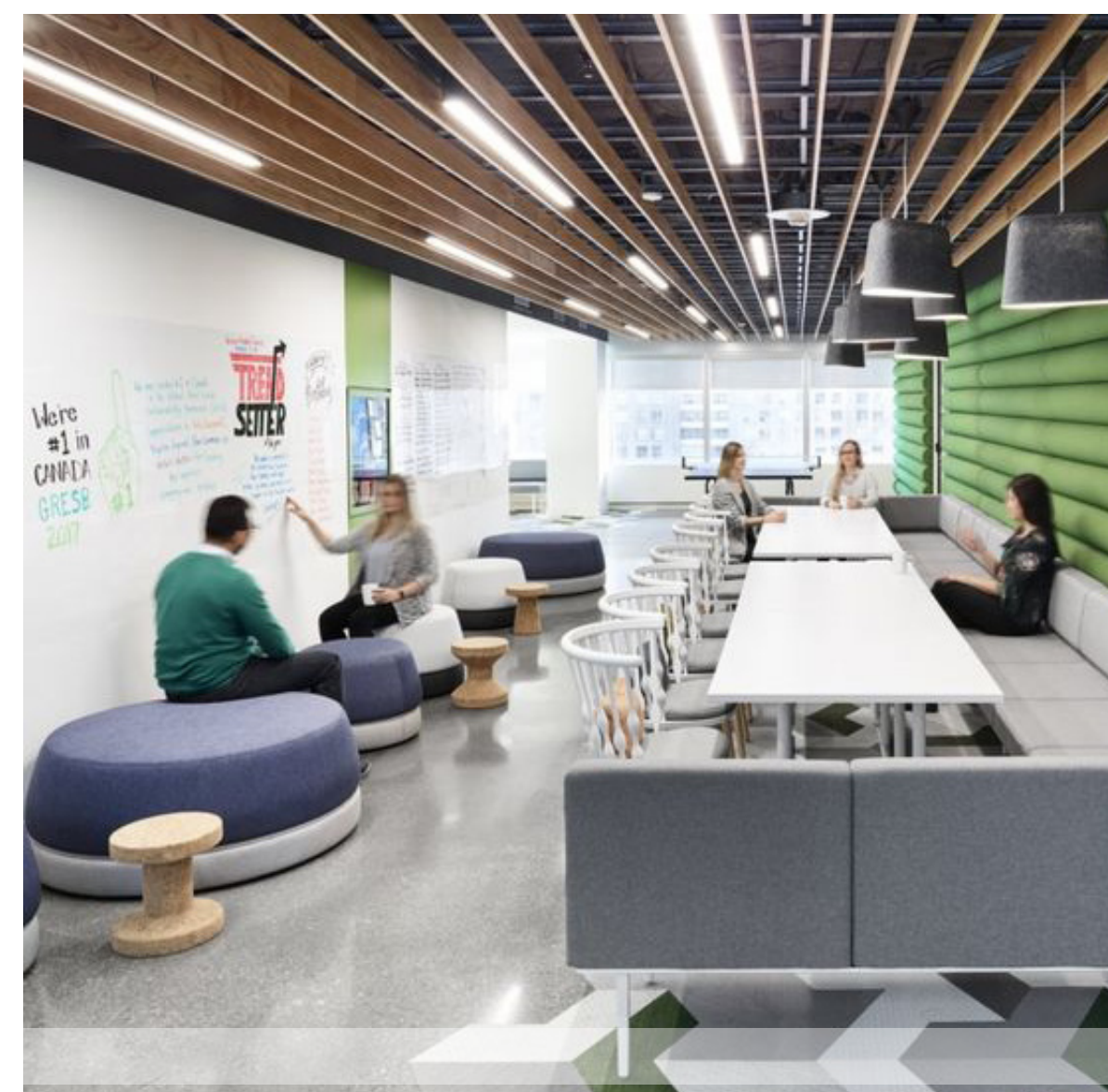


f

d) Mail Room/Printing/Storage
QTY: 1, SF: 250

e) Catering Support Space
QTY: 1, SF: 150

f) Facility Storage
QTY: 1, SF: 200



4.2 | PROGRAMMING | PROGRAM VISUALIZATION

Common Areas



a



b



c

a) Main Lounge/Living Room
QTY: 1, SF: 2,000

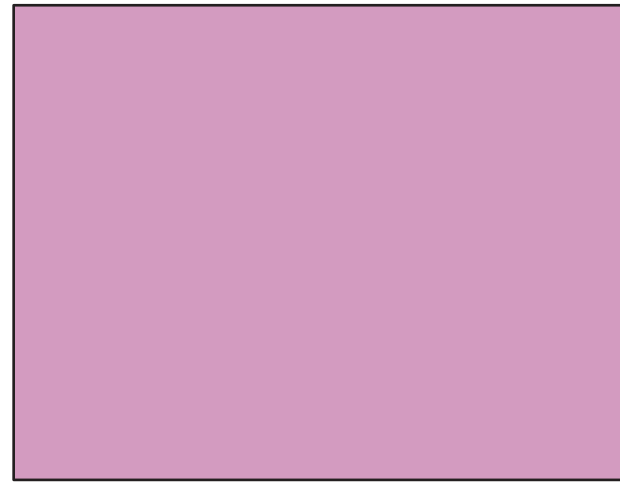
**b) Reception Area/
Exhibit Space**
QTY: 1, SF: 500

c) Main Entry
QTY: 1, SF: 200

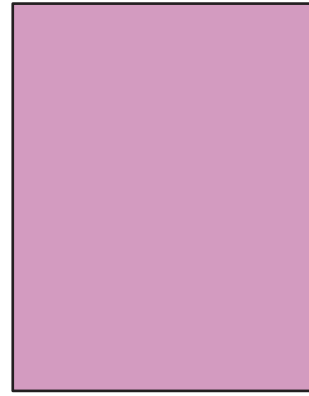


4.2 | PROGRAMMING | PROGRAM VISUALIZATION

Alternate Spaces



a



b

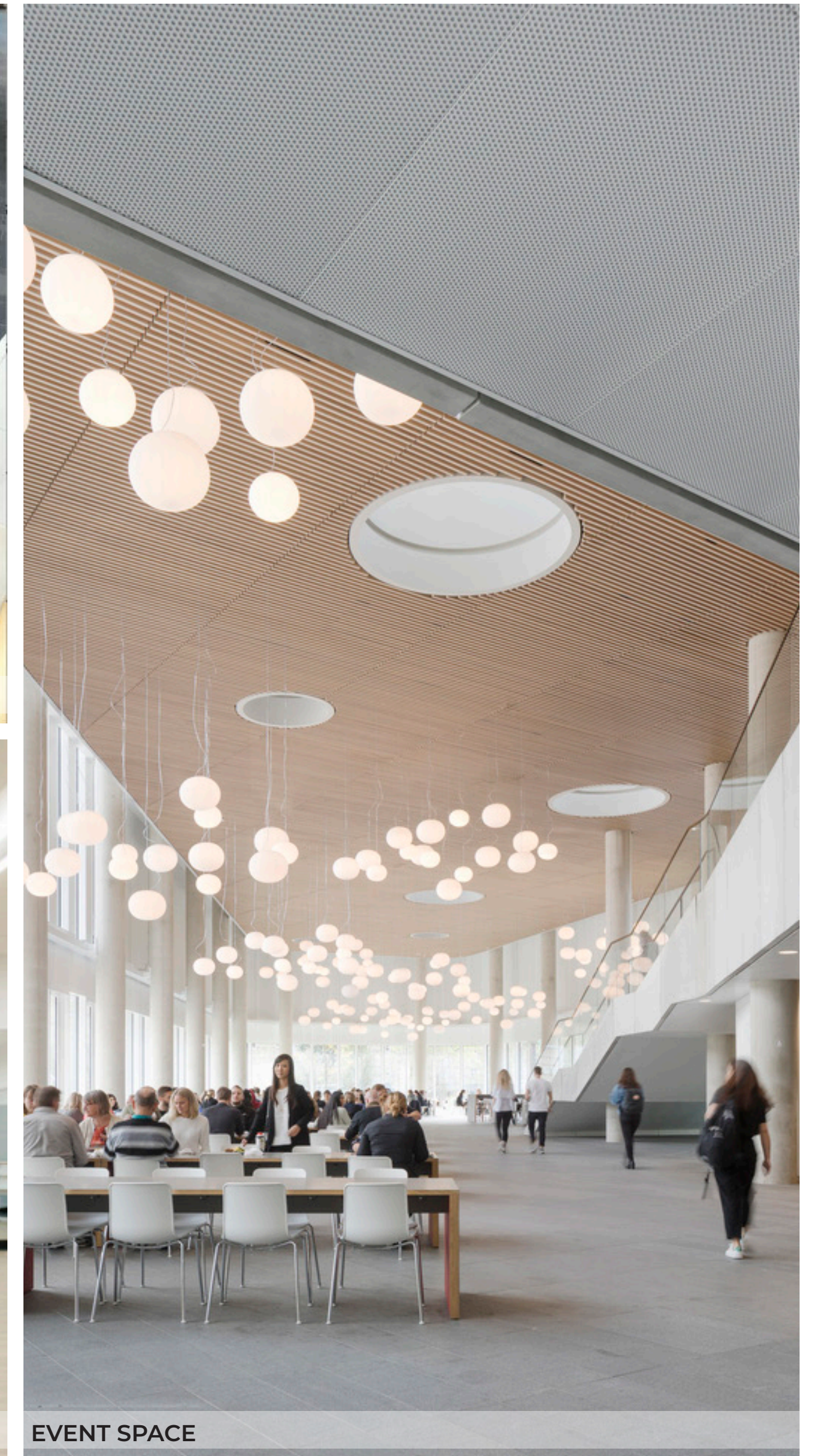
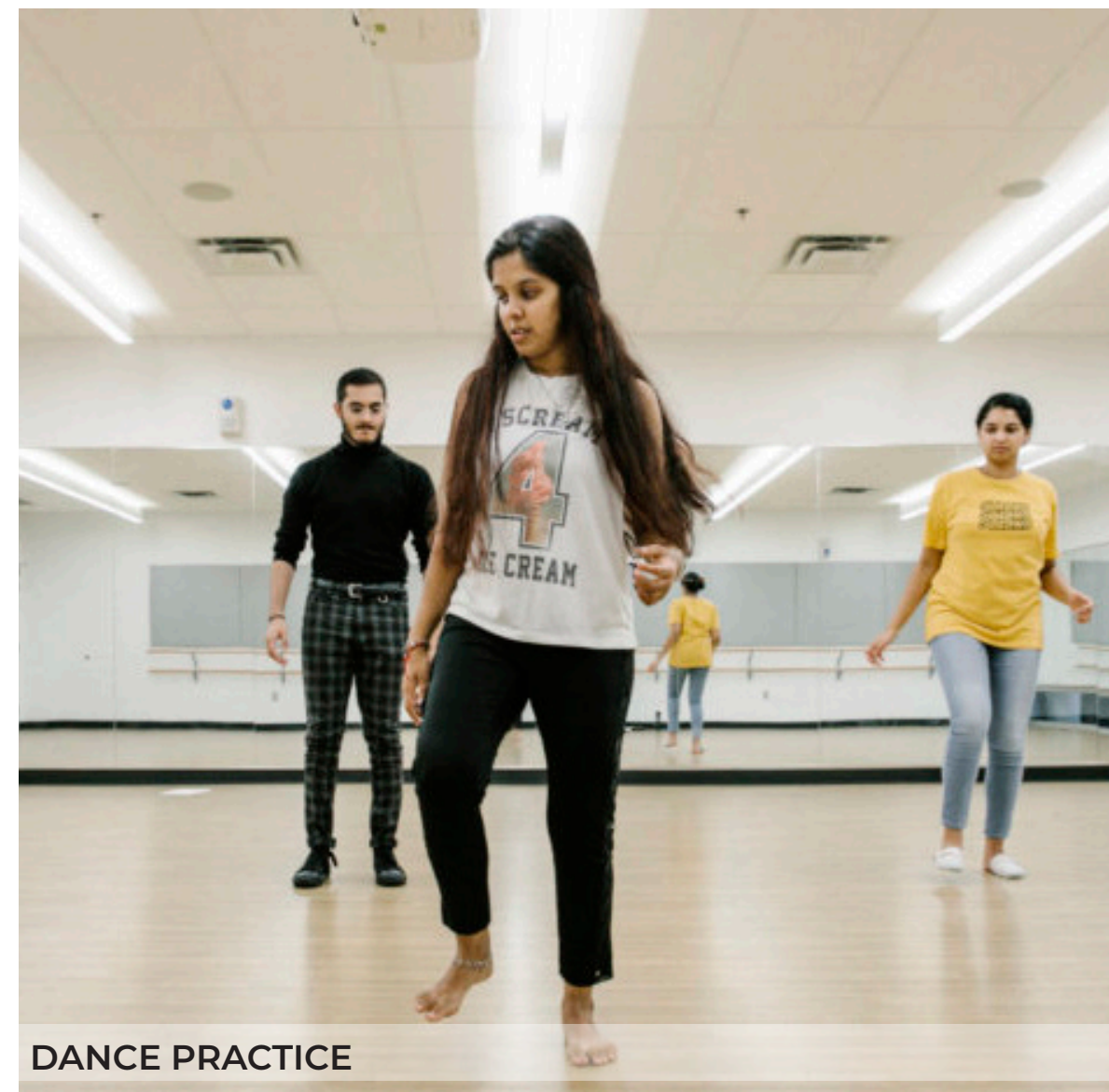
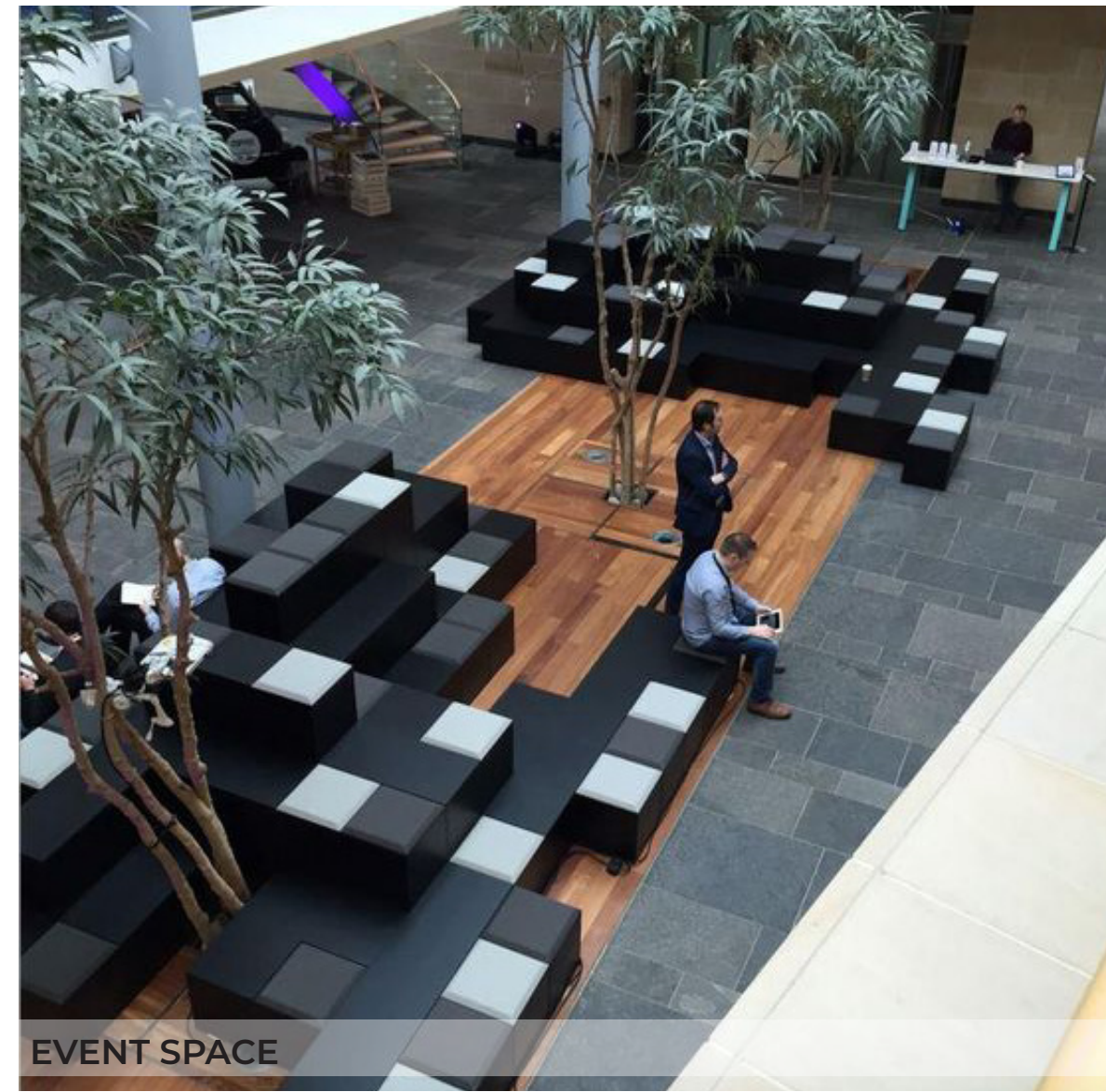
a) International Sparty's
QTY: 1, SF: 2,000

b) Dance Practice
QTY: 1, SF: 800

c) Large Event Space
QTY: 1, SF: 15,000

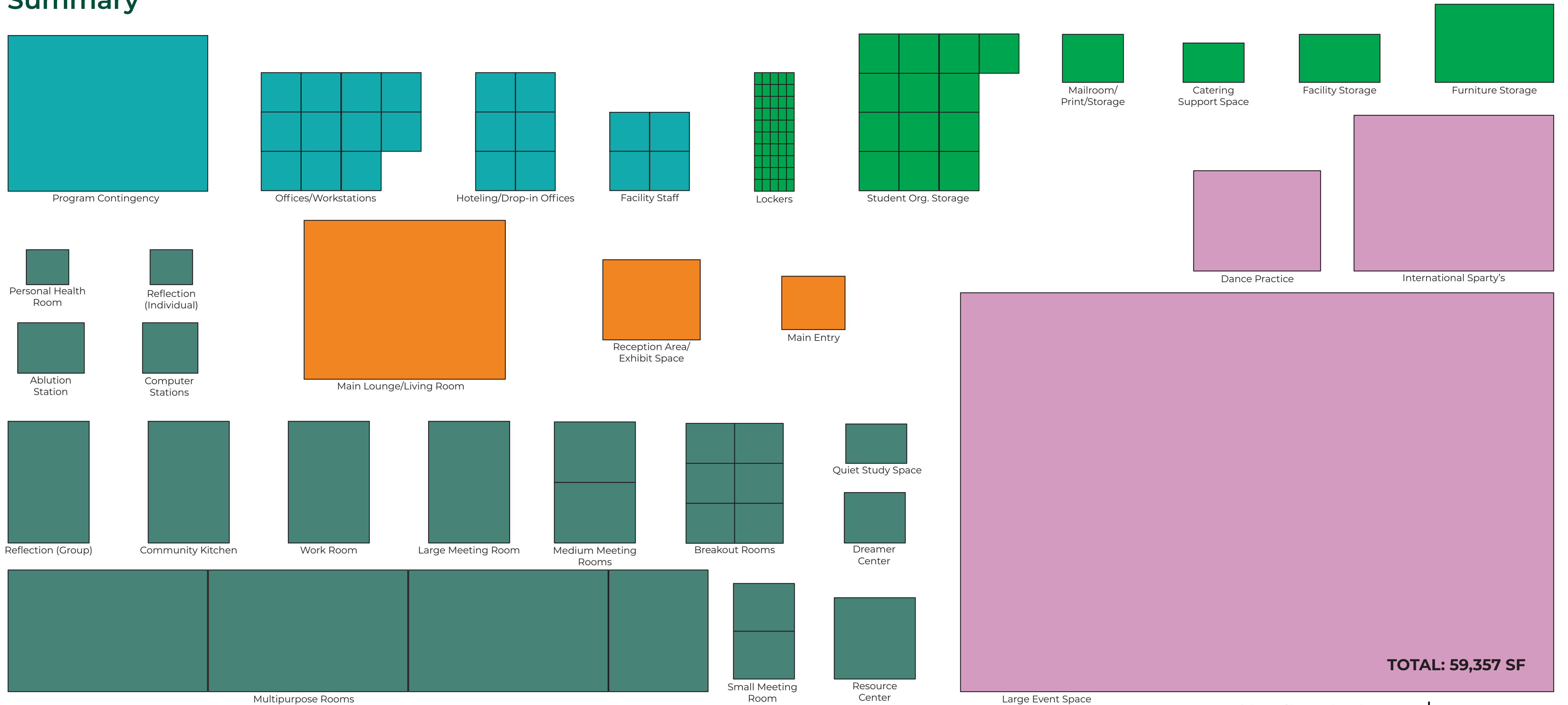


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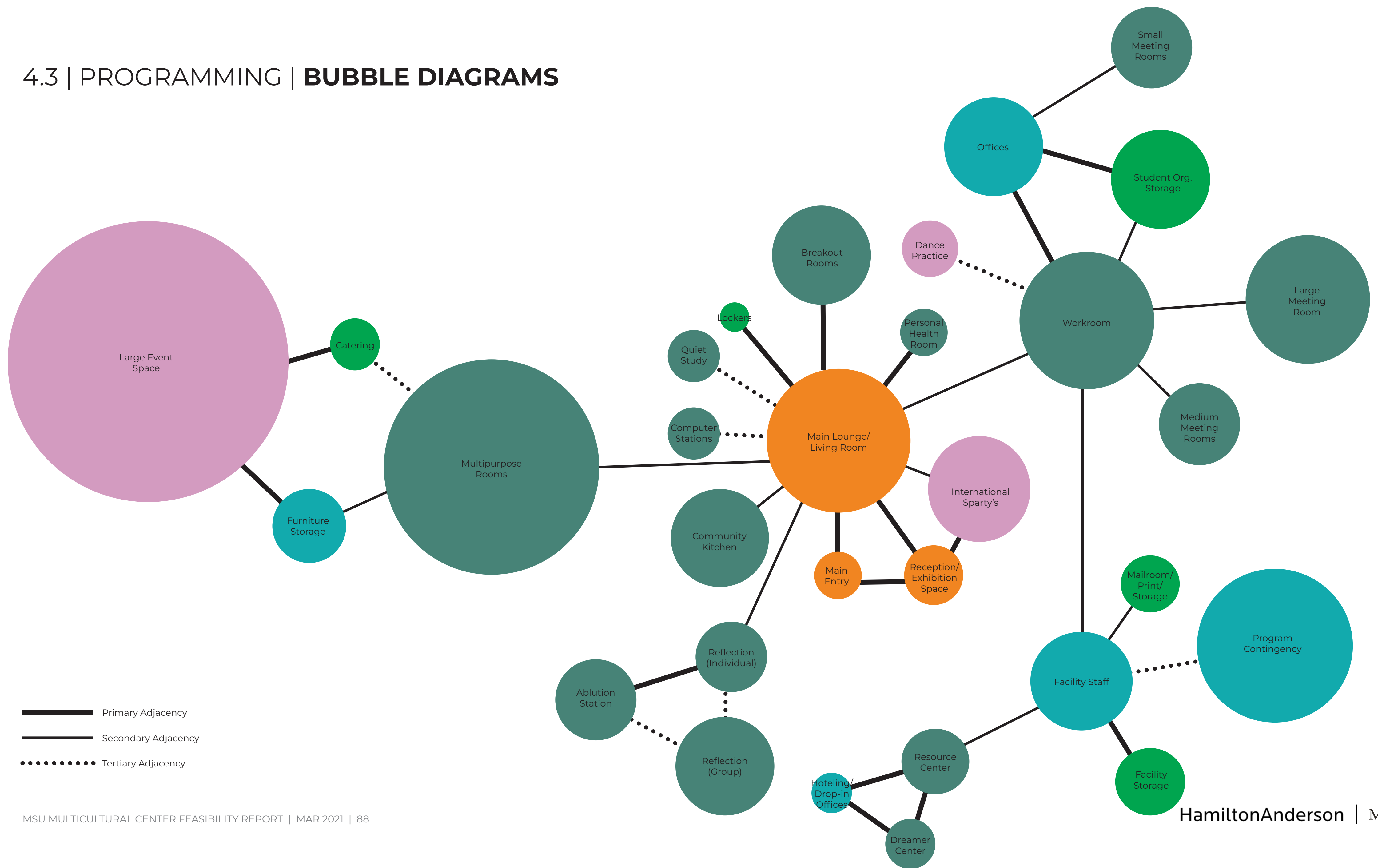


4.2 | PROGRAMMING | PROGRAM VISUALIZATION

Summary



4.3 | PROGRAMMING | BUBBLE DIAGRAMS



MSU MULTICULTURAL CENTER FEASIBILITY REPORT

5. Evaluation



5.1 | EVALUATION | FOCUS AREA

Selected Locations

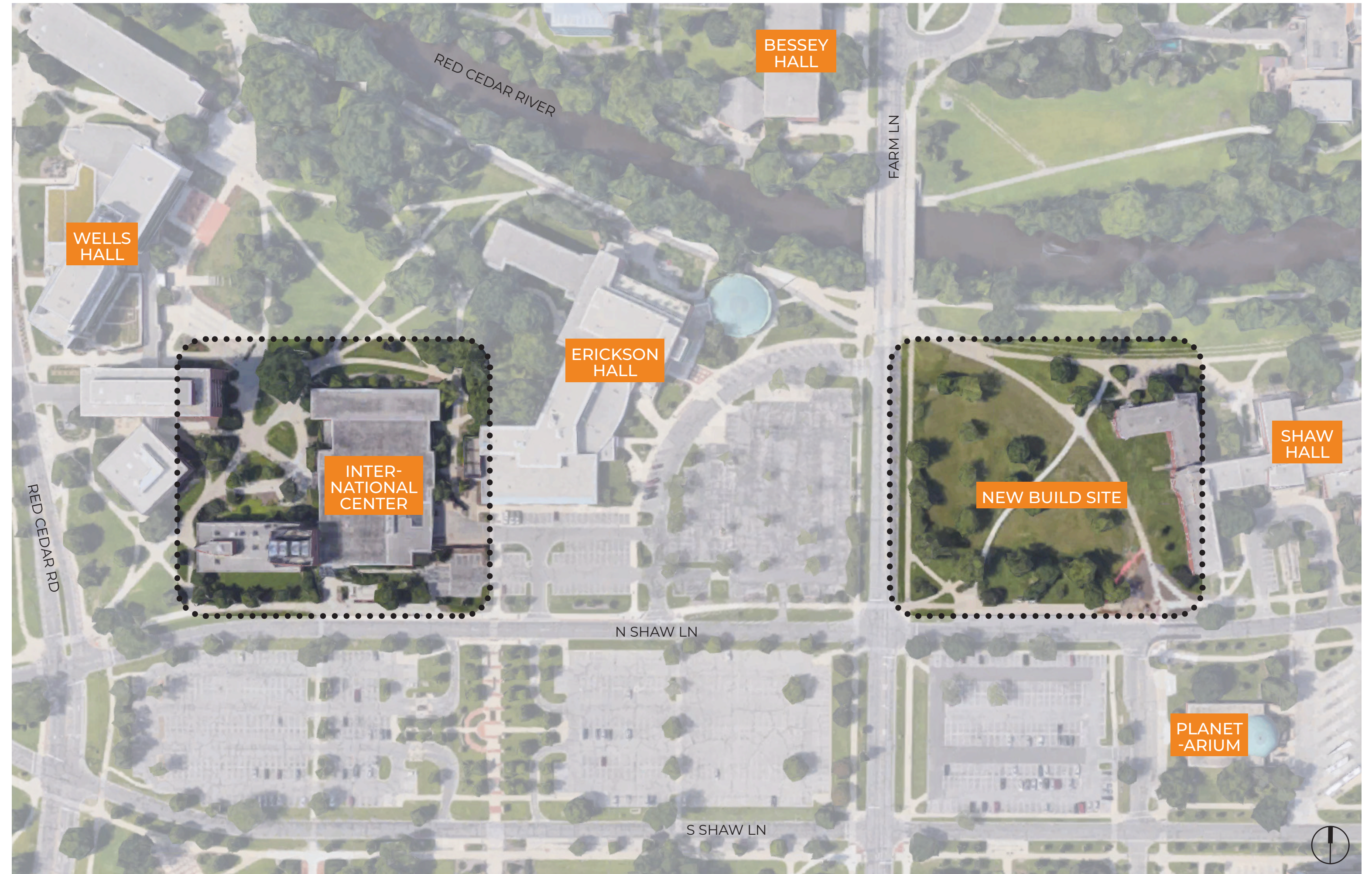
Based on the feedback gathered through the surveys and focus groups as well as an internal analysis by the MSU Planning Committee and Steering Committee, two sites were selected as the potential location of the future MSU Multicultural Center. Due to the existing conditions for each chosen site, two contrasting design approaches were created.

Site 1: International Center

The International Center is an existing building that houses a number of offices and campus amenities, such as the International Studies and Programs, MSU Bookstore, and Crossroads Food Court. To preserve these uses, the approach at Site 1 is to design one or more additions to the existing building and renovate elements of the two-story portion of the existing building.

Site 2: New Build Site

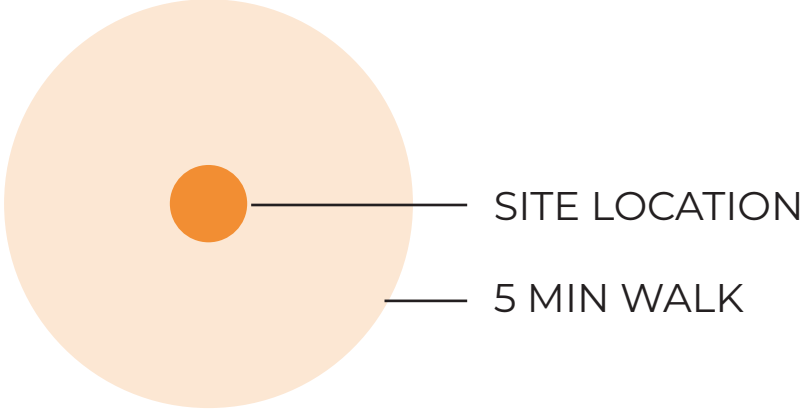
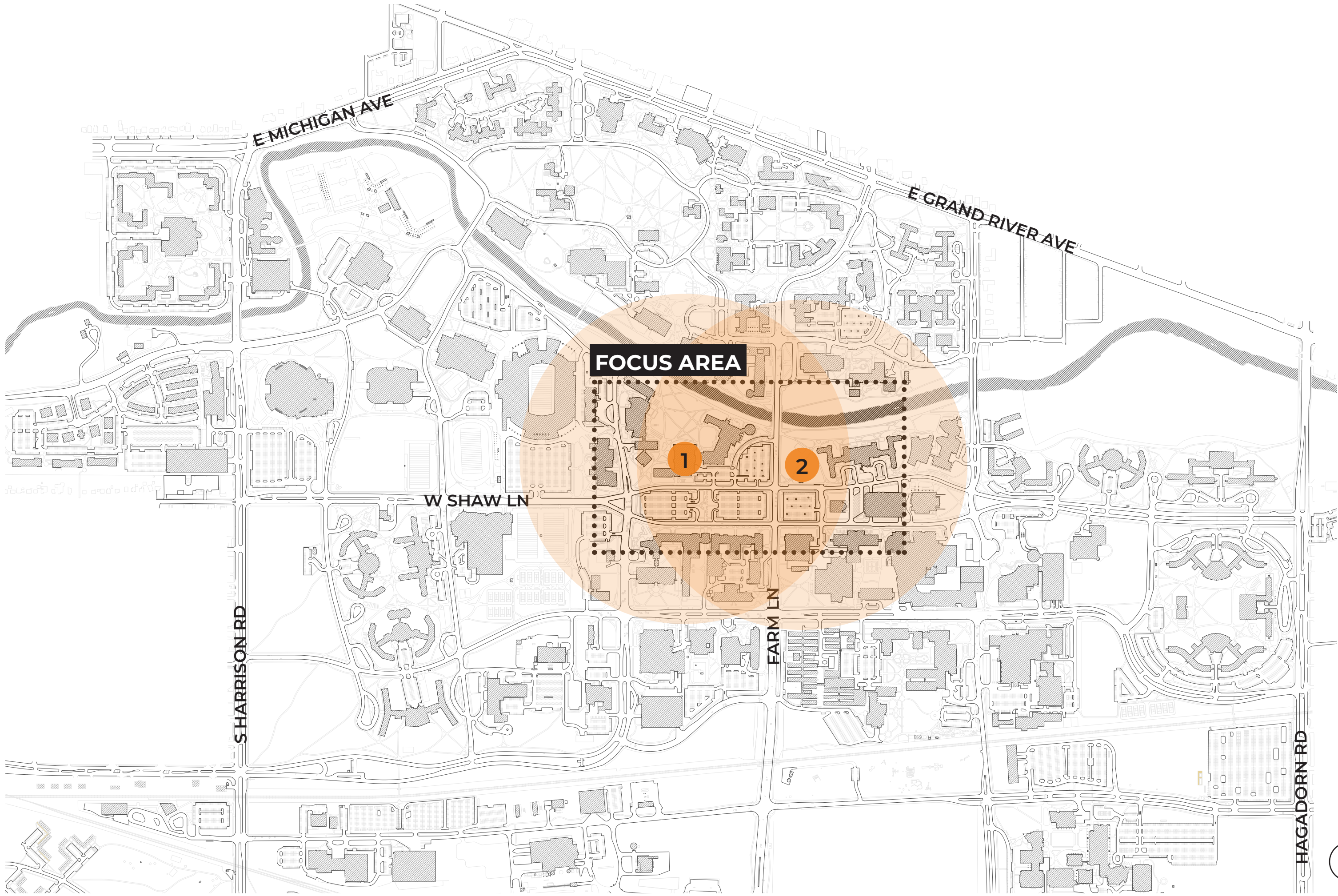
The second location is a vacant site located at the corner of N Shaw Lane and Farm Lane. With no existing development, the design approach here is to construct a new stand-alone building.



5.1 | EVALUATION | FOCUS AREA

Site Definition

With the two potential sites for the new Multicultural Center identified, a focus area was defined to conduct the first step of the site analysis. This focus area is generally bounded by S Shaw Lane, Red Cedar River, and Red Cedar Road, and includes Shaw Hall and the Transportation Center.

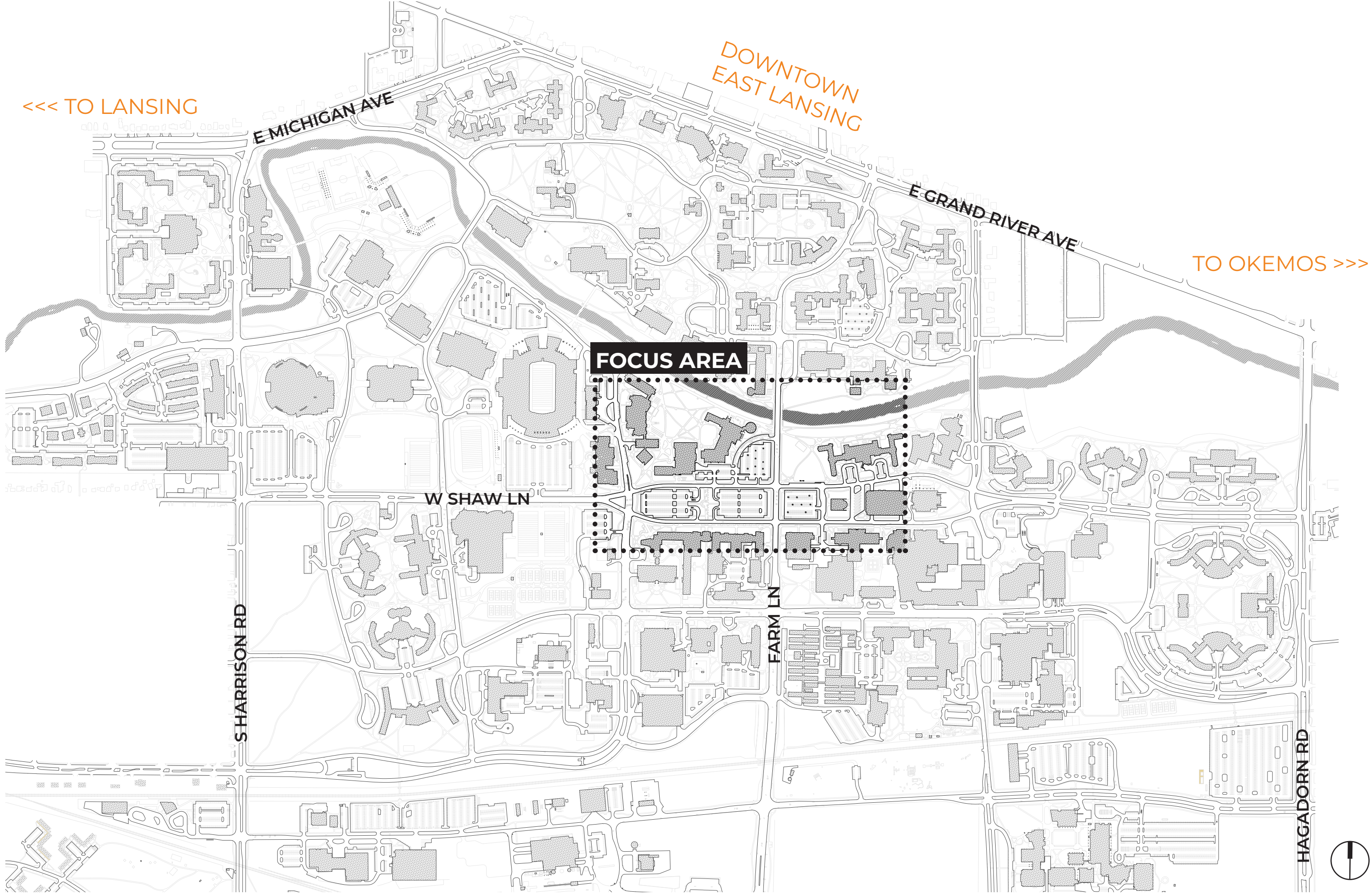


5.1 | EVALUATION | FOCUS AREA

Site Analysis

The site analysis first examines the overall campus context immediately surrounding the focus area where both potential sites for the MSU Multicultural Center are located.

This analysis focuses on infrastructure, patterns, and planning initiatives that occur at a larger scale such as transportation networks and climatic conditions.

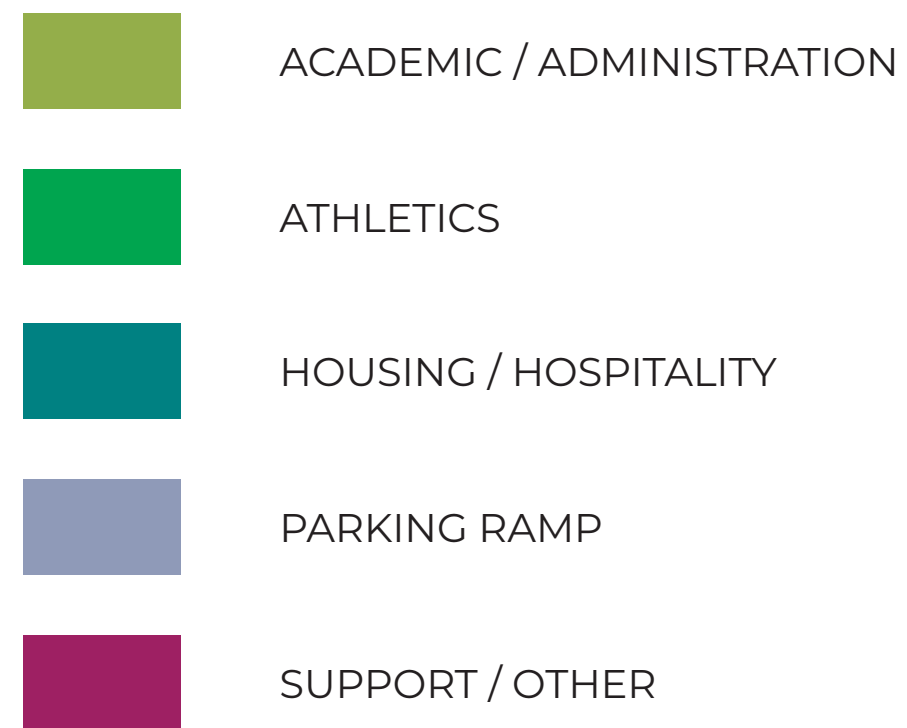


5.1 | EVALUATION | FOCUS AREA

Building Use

A main planning principle of MSU is to organize the campus in logical districts of compatible land uses, and to arrange campus buildings, open space, and circulation to establish positive interactions. Planning efforts also strive to implement compact campus development to minimize environmental impacts and maximize resource conservation.

Thus, the center of main campus is predominantly comprised of academic and administration buildings while housing is mainly found at the periphery of campus, with the exception of Shaw Hall.

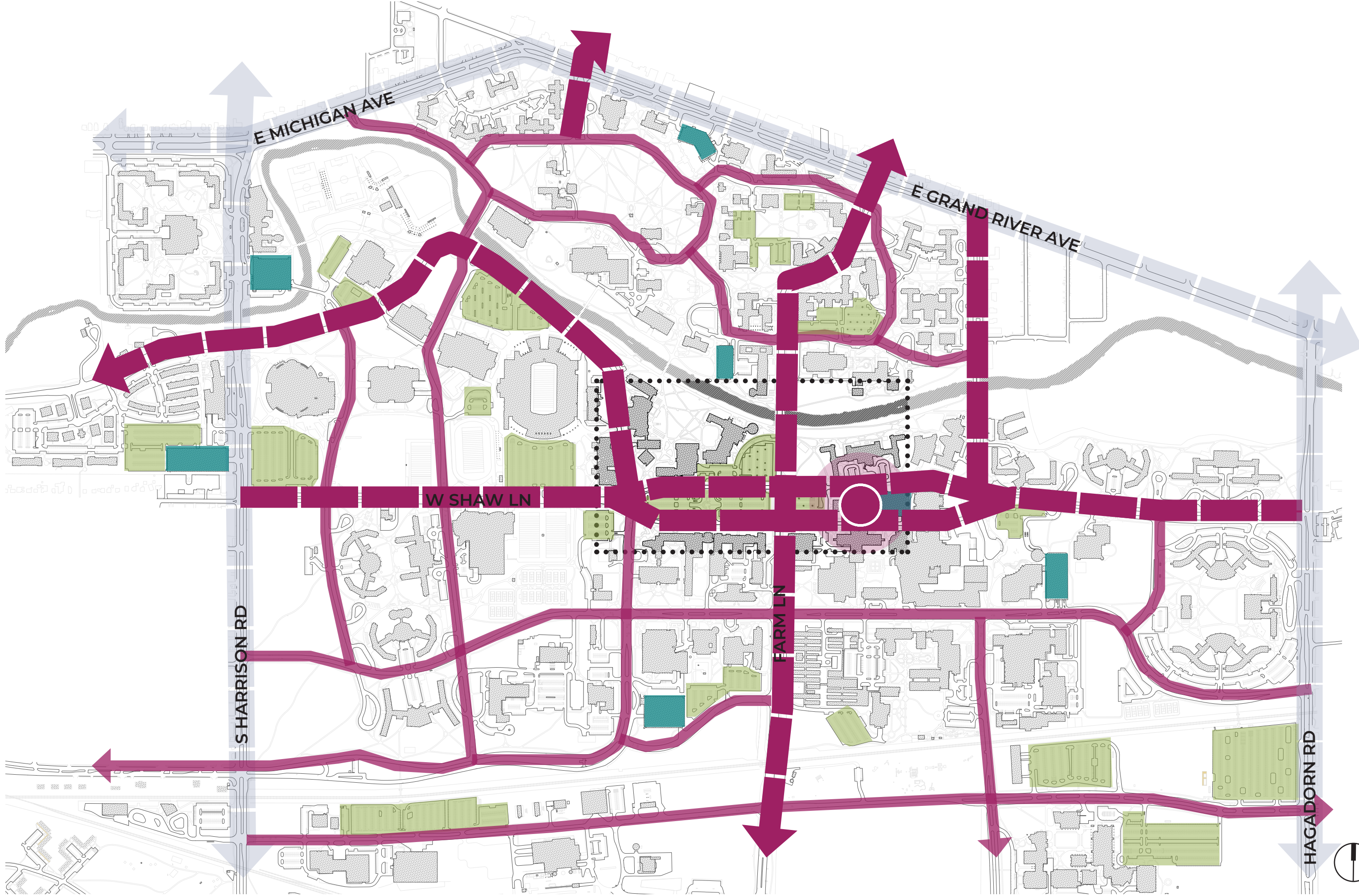


5.1 | EVALUATION | FOCUS AREA

Campus Transportation

Due to the size of campus, transportation is a vital component to a vibrant, well-connected institution. Besides sidewalks, the River Trail, and bike trails, main campus is served by an extensive public transit system. As for commuters, parking opportunities are found adjacent to, or within a short walking distance of, most buildings in the central district of campus.

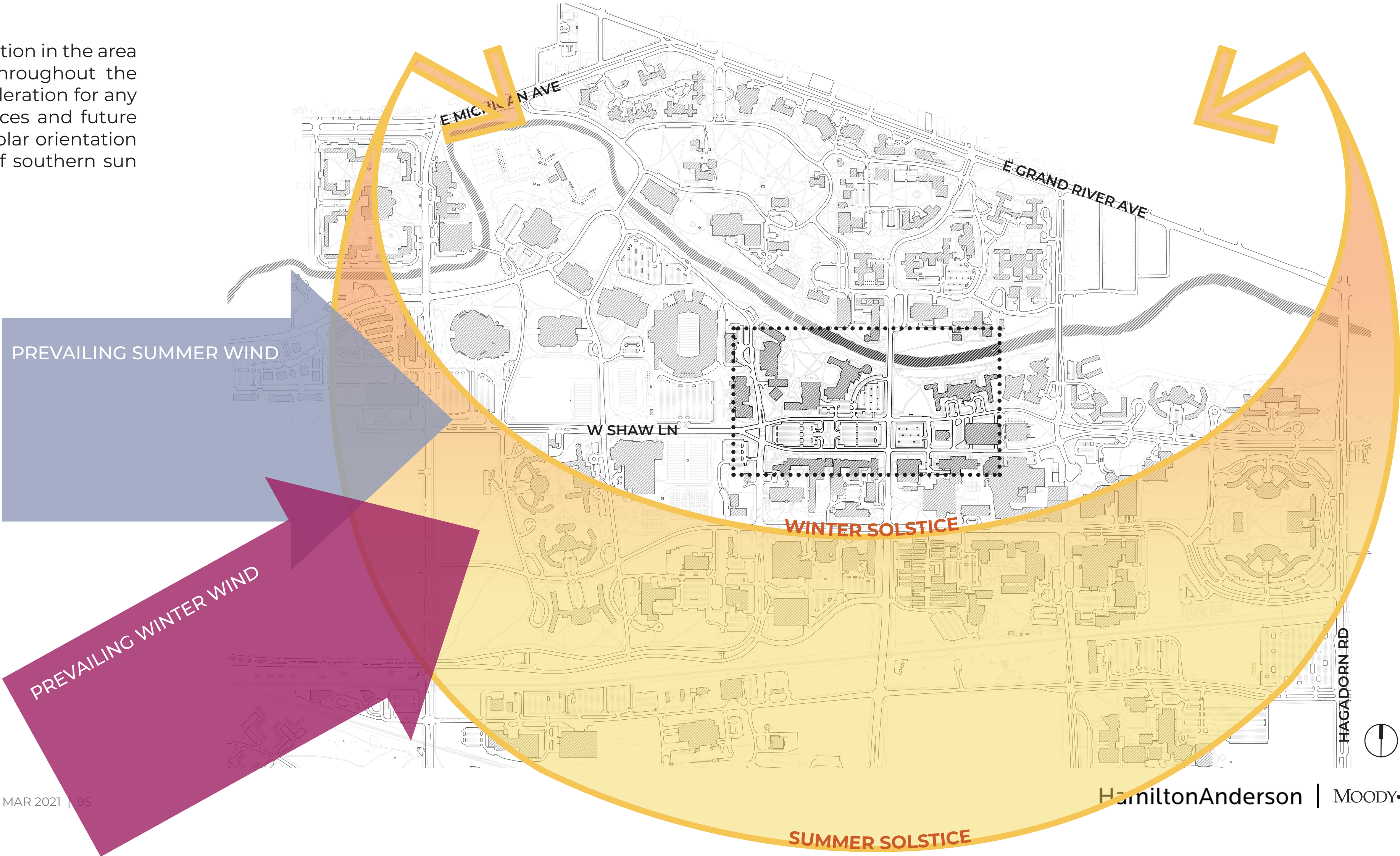
- ARTERIAL ROADS
- PRIMARY BUS ROUTES
- SECONDARY BUS ROUTES
- CAMPUS TRANSIT CENTER
- PARKING LOT
- PARKING RAMP



5.1 | EVALUATION | FOCUS AREA

Climate Factors

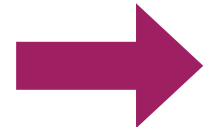




The predominant average wind direction in the area is from the west and southwest throughout the year and should be taken into consideration for any future outdoor spaces. Outdoor spaces and future builds should also take the annual solar orientation into account by taking advantage of southern sun exposure.

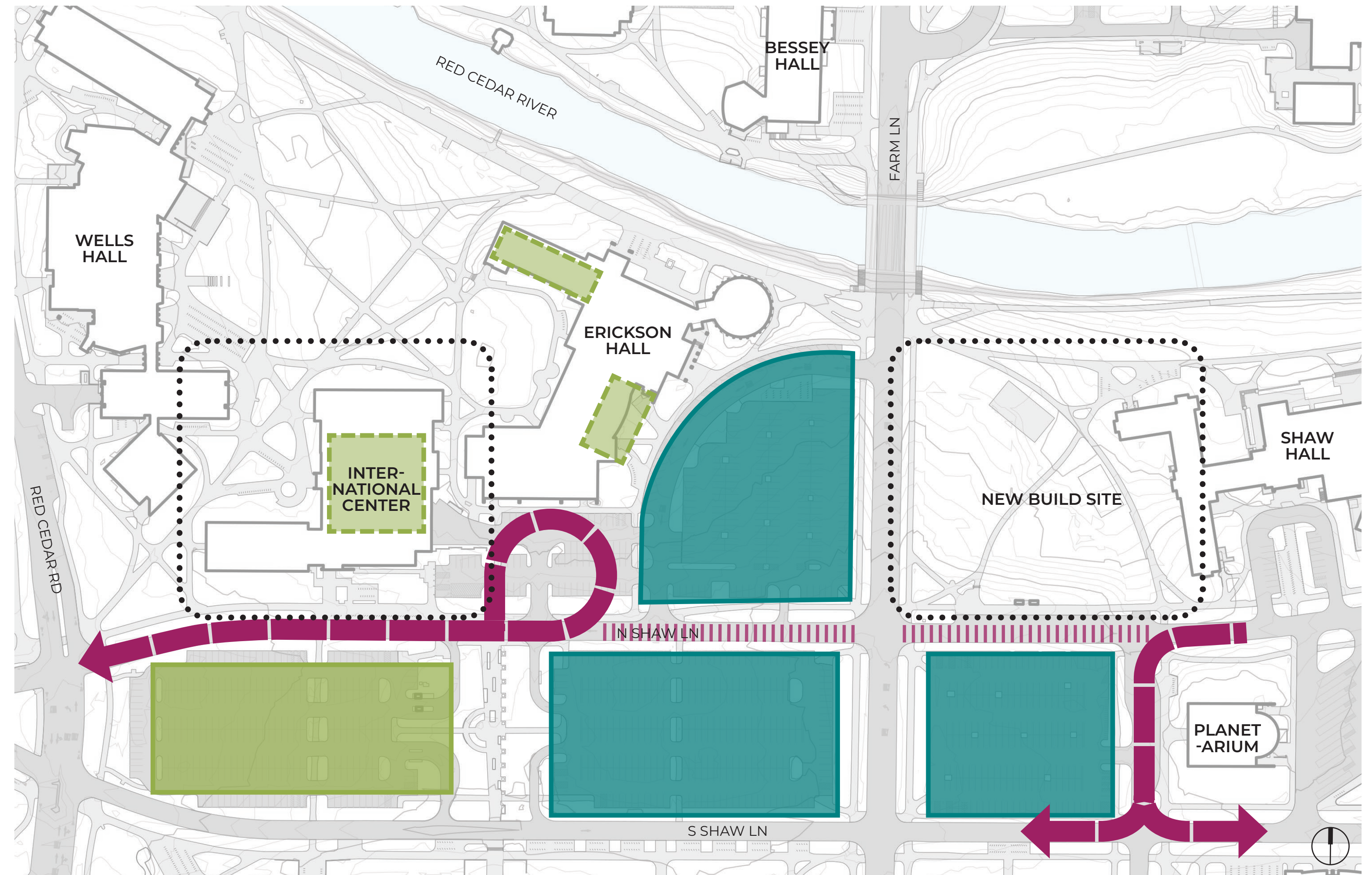


5.1 | EVALUATION | FOCUS AREA

Future Land Use

This information is a direct reflection of the current MSU Campus Land Use Master Plan, which is a flexible framework for guiding the physical organization of the campus. As shown, this area is envisioned to see infill in the form of new buildings as well as additions. This area is also seen as an opportunity to provide a central park-like opportunity by removing parking lots and converting them to green space, enhancing the pedestrian realm. This vision relies on the development of a new parking structure west of Red Cedar Road. However, as a flexible framework, future changes to the MSU Campus Land Use Plan are planned and to be expected.

-  NEW PATH OF TRAVEL
-  ROAD CLOSURE
-  PROPOSED ADDITION
-  PROPOSED NEW BUILD
-  PARKING LOT REMOVAL, CONVERT TO PROGRAM / GREEN SPACE

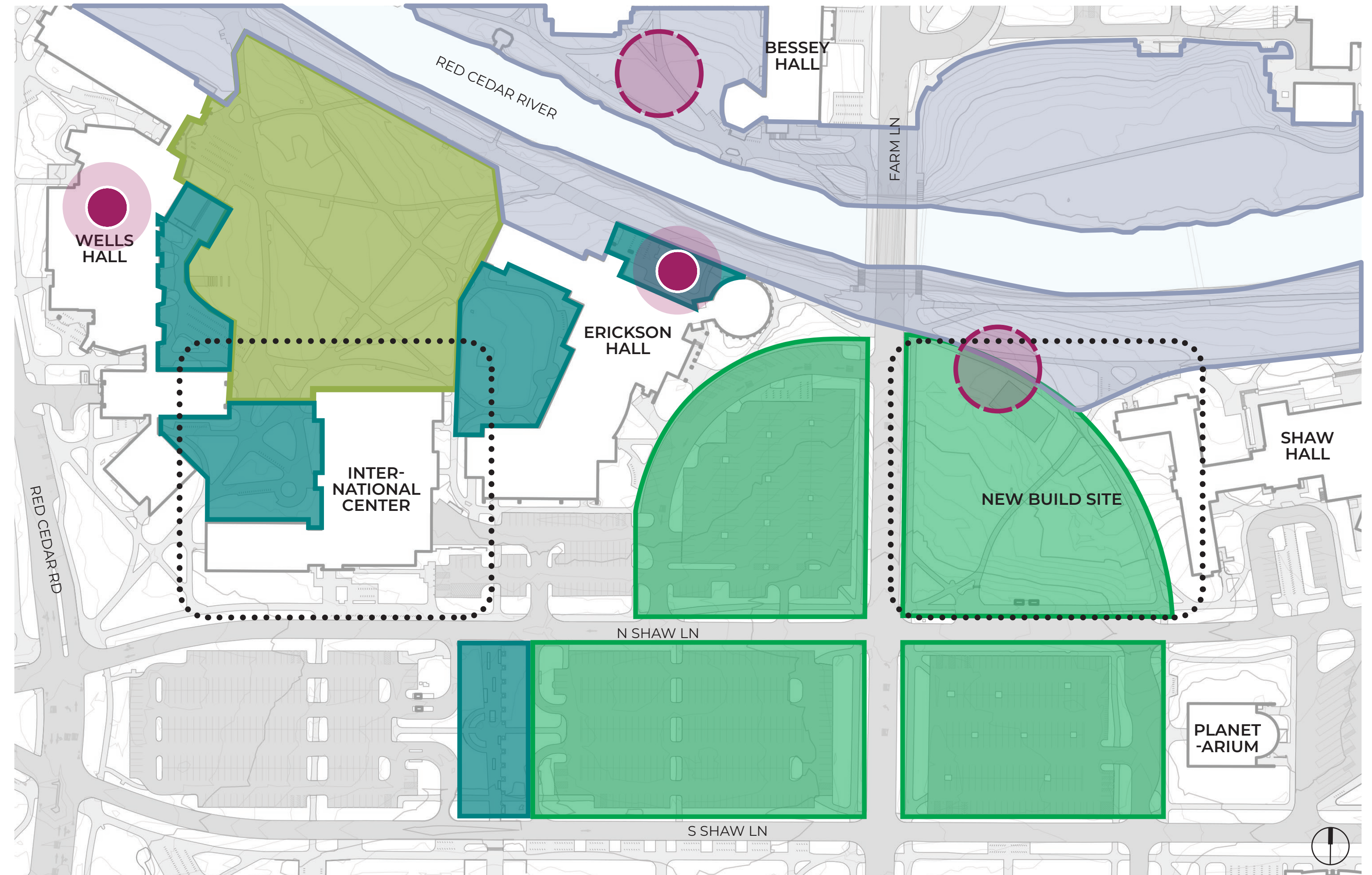


5.1 | EVALUATION | FOCUS AREA

Landscape Typology

The MSU Campus Framework Plan also identifies the types of landscapes found throughout campus. While most areas are described as park-like, the Focus Area is served by a number of unique landscapes. For example, the Red Cedar River corridor is an iconic campus element and an active natural system. Signature landscapes are focal points that are associated with a heightened design aesthetic and high-quality materials, and require more frequent maintenance. They are important for encouraging community interaction and can be considered as eddies within the larger campus park wherein people can slow down and enjoy a more intimate sense of scale.

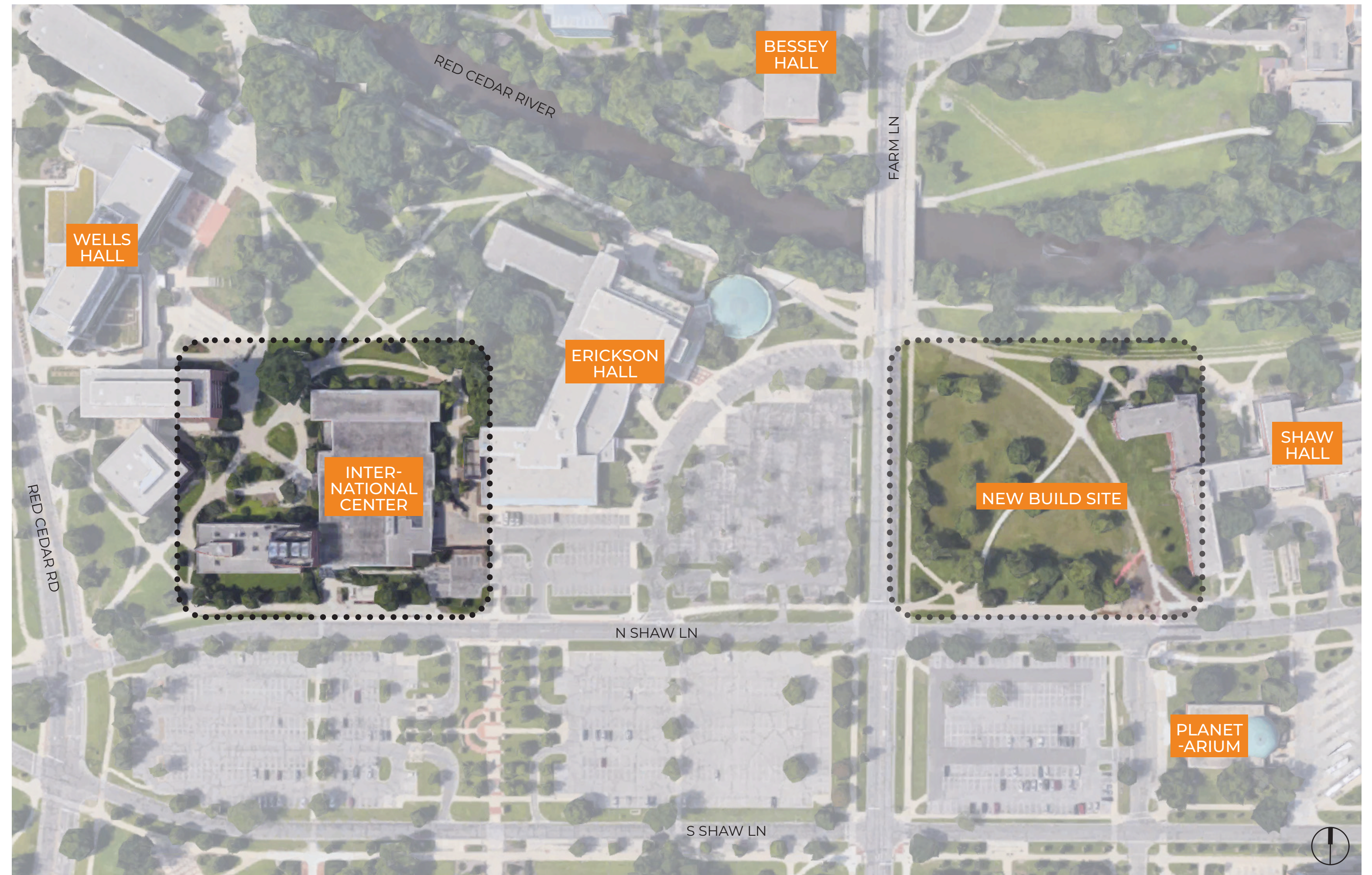
-  RIVER CORRIDOR
-  HISTORIC LANDSCAPE
-  PROTECTED GREEN SPACE
-  SIGNATURE LANDSCAPE
-  GREEN STORMWATER MANAGEMENT, EXISTING
-  GREEN STORMWATER MANAGEMENT, PROPOSED



5.2 | EVALUATION | SITE 1 ANALYSIS

Site 1: International Center

After conducting the focus area site analysis, a more detailed and site-specific analysis was conducted for each site starting with the International Center. This process examined elements and conditions that were unique to each site and would affect how each user would use and interact with the space.



5.2 | EVALUATION | SITE 1 ANALYSIS

Existing Conditions - Exterior



SOUTH FACADE - DELIA KOO INTERNATIONAL CENTER



NORTH FACADE - FACING PEOPLE'S PARK



VIEW FROM DELIA KOO ADDITION TO NORTH



SOUTH FACADE - MAIN ENTRY



WEST FACADE



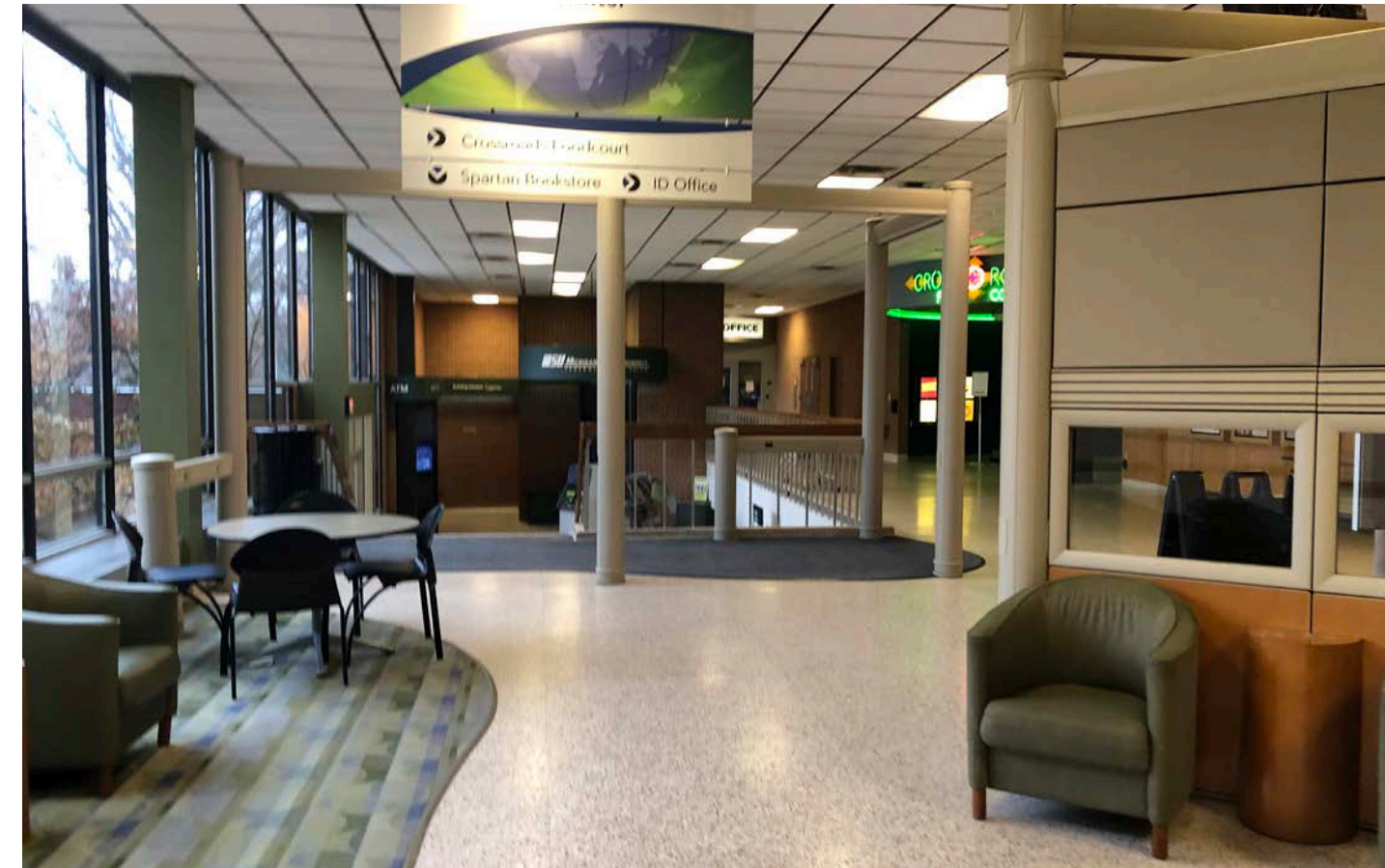
VIEW FROM FOOD COURT TO NORTHWEST

5.2 | EVALUATION | SITE 1 ANALYSIS

Existing Conditions - Interior



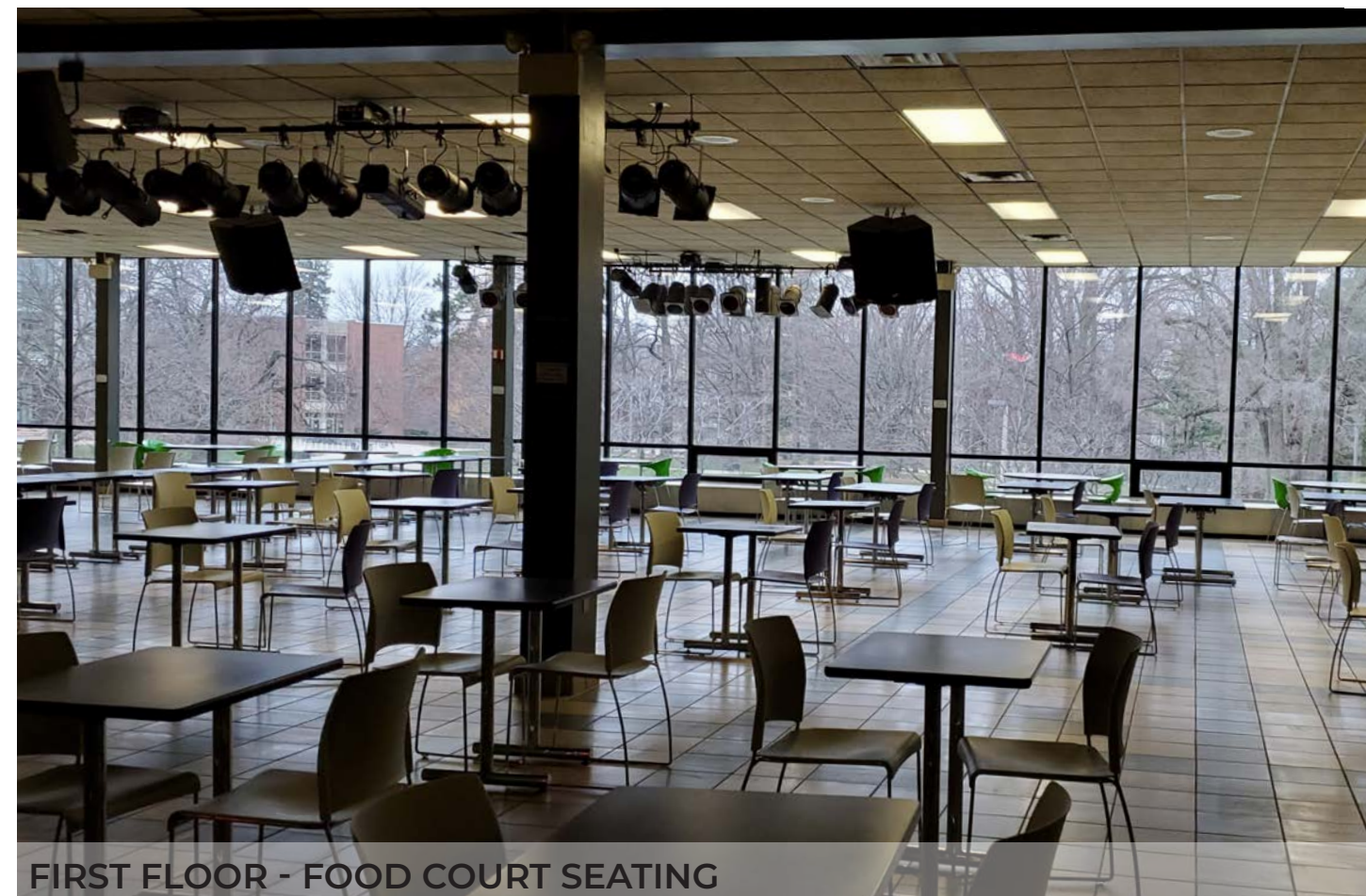
FIRST FLOOR - ENTRY



FIRST FLOOR - LOBBY/LOUNGE



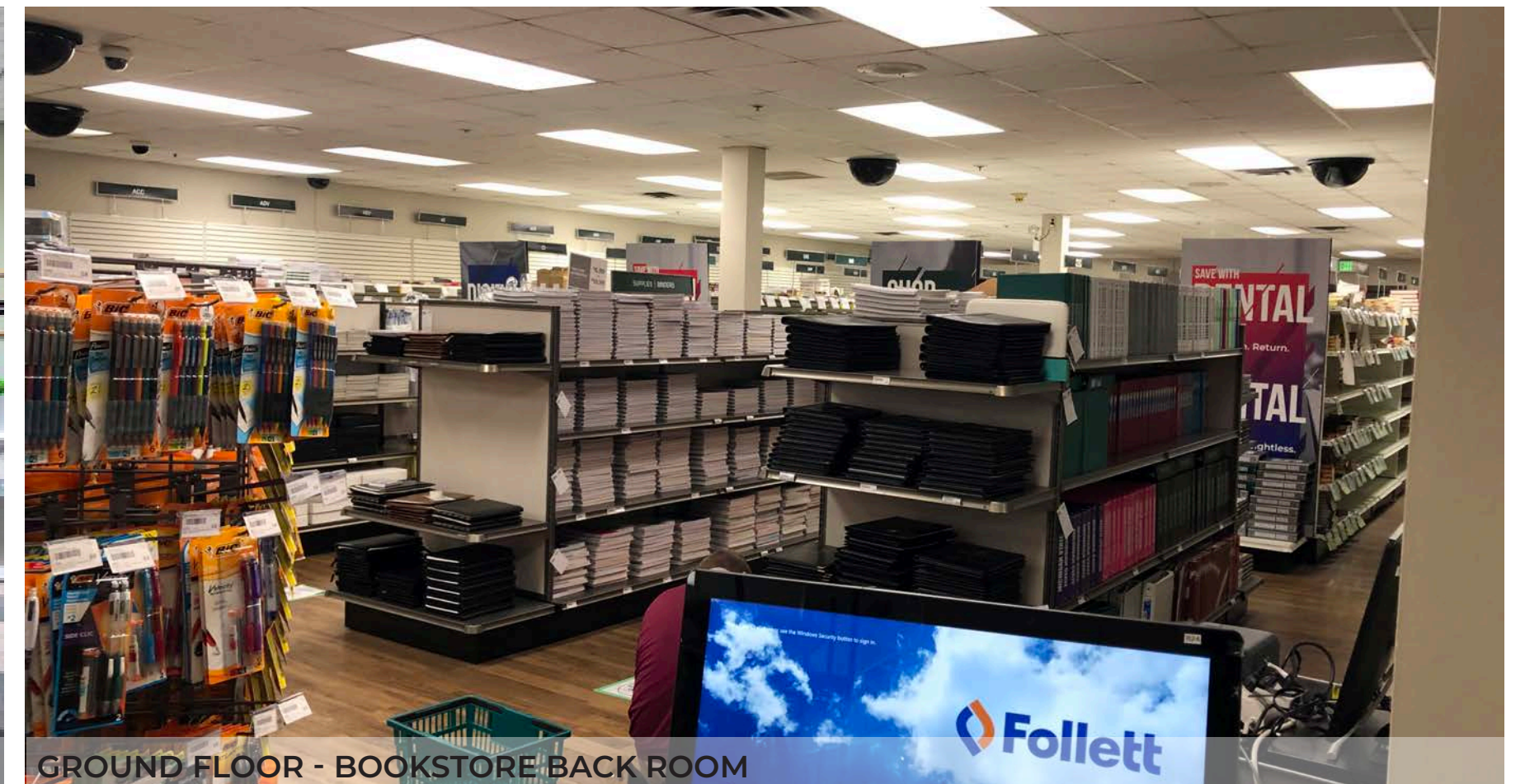
WEST ENTRY



FIRST FLOOR - FOOD COURT SEATING



FIRST FLOOR - FOOD COURT SEATING AND CLASSROOMS








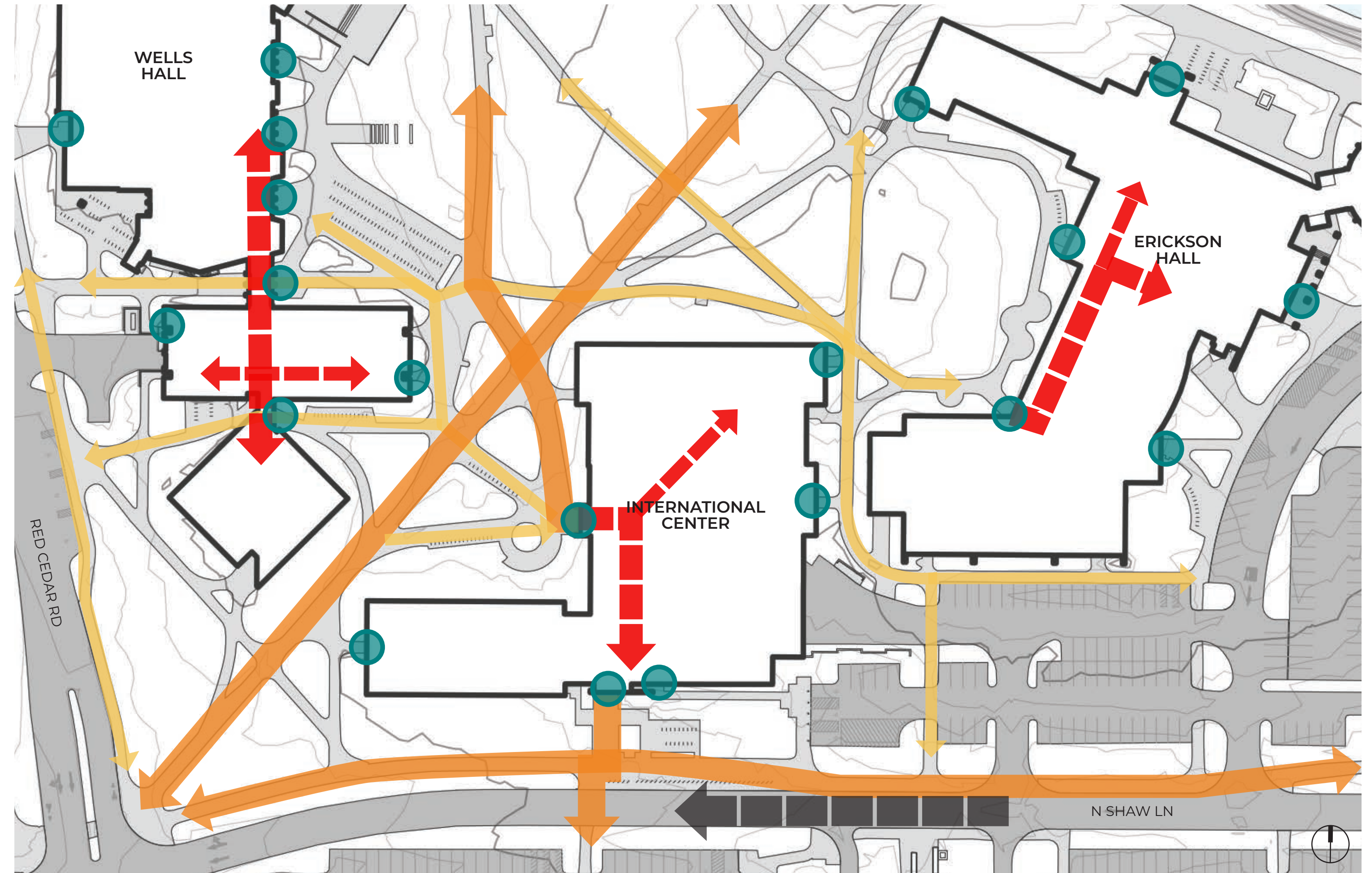
GROUND FLOOR - BOOKSTORE BACK ROOM

5.2 | EVALUATION | SITE 1 ANALYSIS

Circulation Patterns

Due to the proximity of a pedestrian bridge located northwest of the International Center, as well as the adjacent River Trail and People's Park, Site 1 experiences a high volume of pedestrian traffic on most days. High volume of pedestrian traffic is also influenced by the mix of adjacent land uses such as offices, research, academic / learning, retail, and food services.




-  PUBLIC ENTRANCE
-  VEHICULAR TRAFFIC
-  INTERIOR CORRIDOR
-  PRIMARY PEDESTRIAN LINK
-  SECONDARY PEDESTRIAN LINK

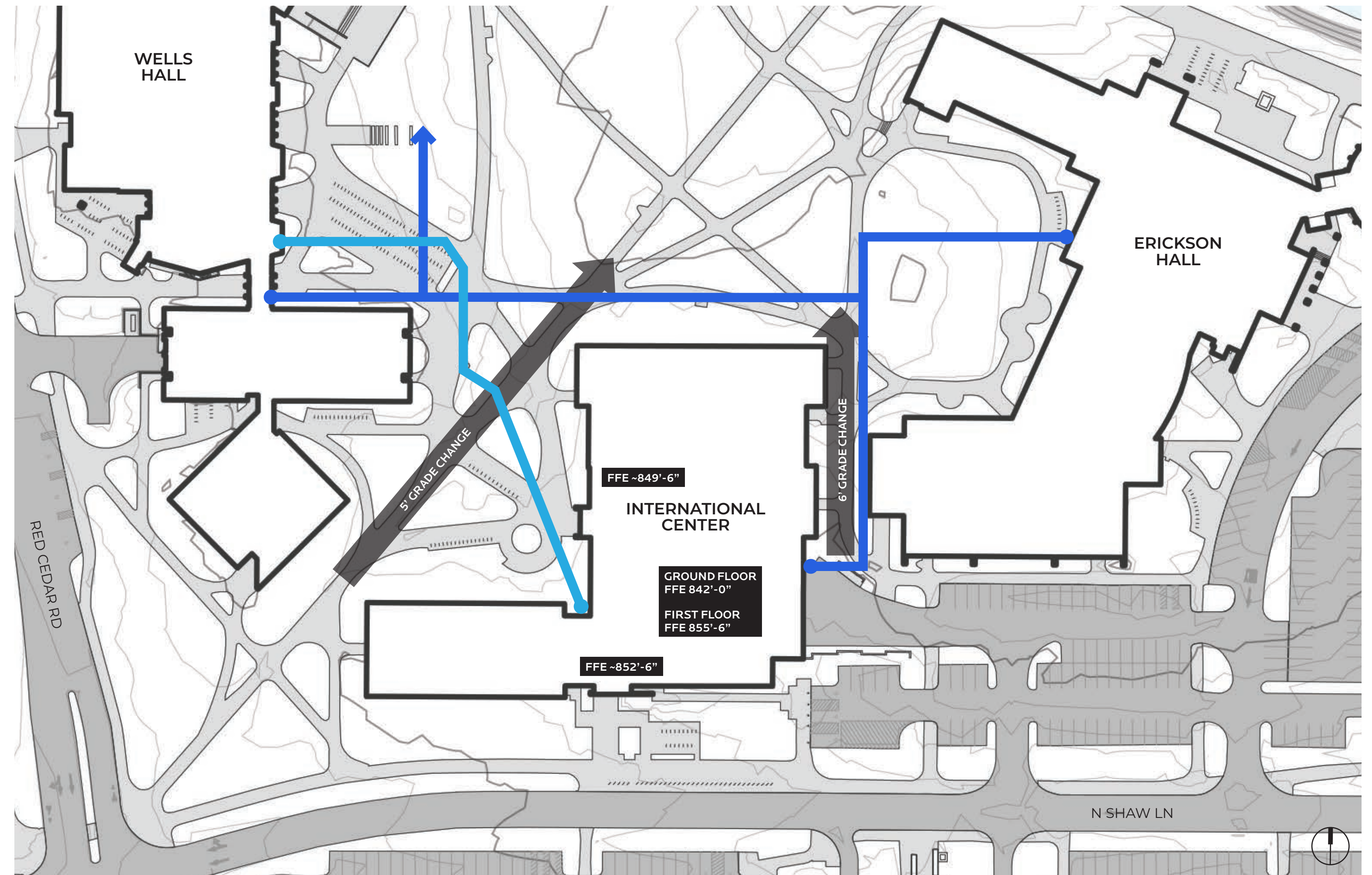


5.2 | EVALUATION | SITE 1 ANALYSIS

Utilities & Drainage

A main limiting factor for Site 1 is the current location of a steam tunnel running along the northern facade of the International Center.






-  WATER LINE
-  STEAM TUNNEL
-  DIRECTION OF SLOPE



5.2 | EVALUATION | SITE 1 ANALYSIS

Landscape Elements

The International Center's proximity to People's Park provides several notable viewsheds as well as landscape amenities for students and faculty. Several outdoor seating areas are already established in the area taking advantage of the park and mature tree coverage.

-  PRIMARY VIEW TO SITE
-  NOTABLE VIEW FROM SITE
-  LANDSCAPE AREA
-  SEATING AREA
-  MSU RIVER TRAIL



5.2 | EVALUATION | SITE 1 ANALYSIS

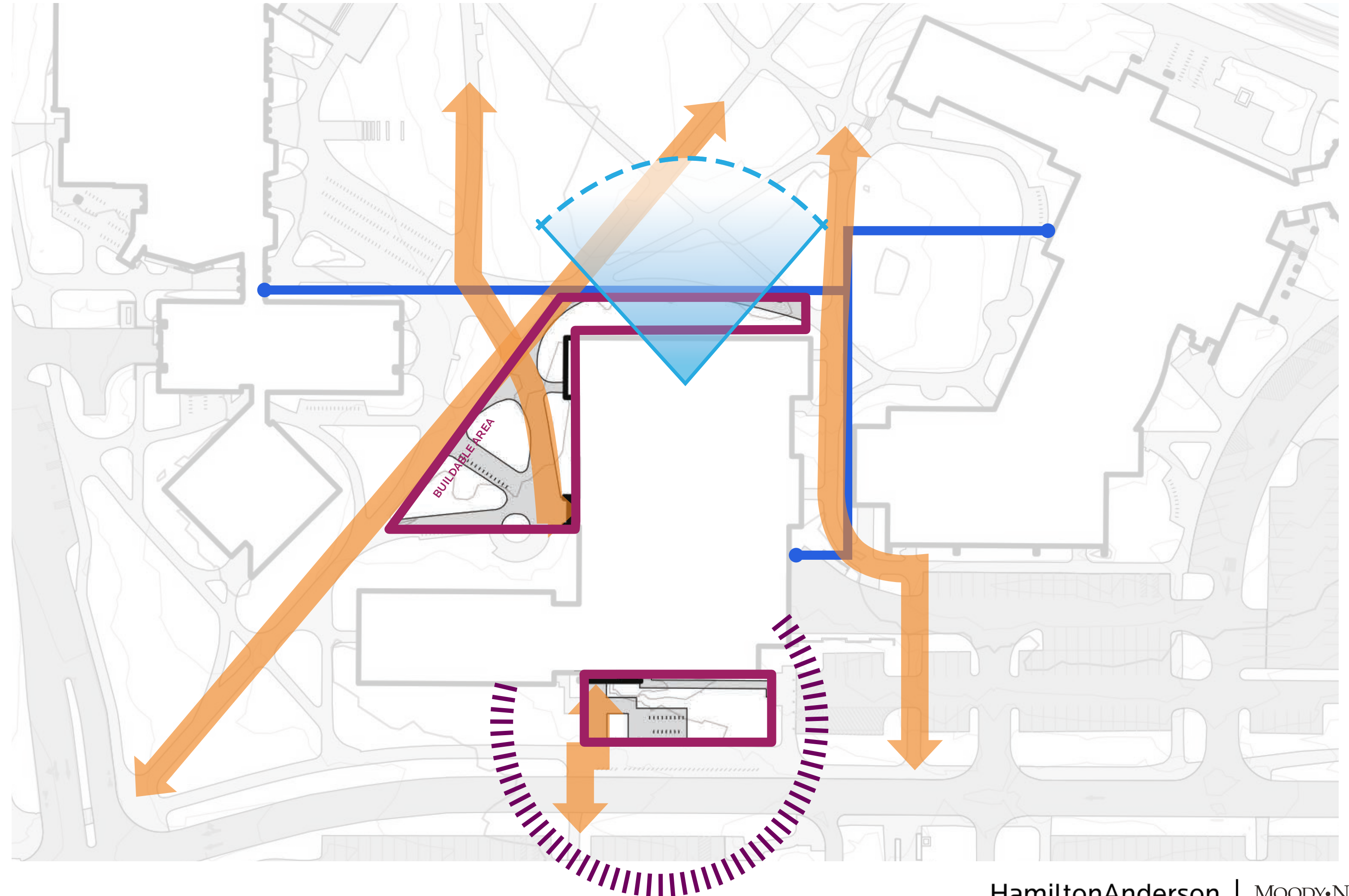
Conclusions

OPPORTUNITIES

- Views into and position adjacent to People's Park connects to program history and identity
- Positions the MCC program within one of the most utilized pedestrian areas of campus
- Positions the MCC program within close proximity to several major academic and learning buildings
- Opportunity to enhance entry to existing building to create iconic feature

CONSTRAINTS

- Existing main building entrance is not easily seen or recognizable from Shaw Lane or from Red Cedar Rd
- Lack of prominent entry at existing International Center is inconsistent with vision from MCC
- North facade of building is visually and physically disconnected from People's Park
- Location of steam tunnel and historic landscape constrain building expansion to north
- Adjacent building and circulation paths constrain expansion to west
- Service and loading functions constrain expansion to east
- Roadway constrains expansion to the south



5.3| EVALUATION | **SITE 2 ANALYSIS**

Site 2: New Build Site

The same site-specific analysis was then conducted on the New Build Site. Again, this process examined elements and conditions that were unique to each site and would affect how each user would use and interact with the space.



5.3| EVALUATION | SITE 2 ANALYSIS

Existing Conditions



VIEW TO SOUTH FROM NORTHEAST CORNER OF SITE



NORTH EDGE OF SITE TOWARD HIGH POINT



VIEW SOUTHEAST FROM BOTTOM OF SLOPE



VIEW TO SOUTHEAST FROM NORTHWEST CORNER OF SITE



VIEW ALONG PEDESTRIAN PATH

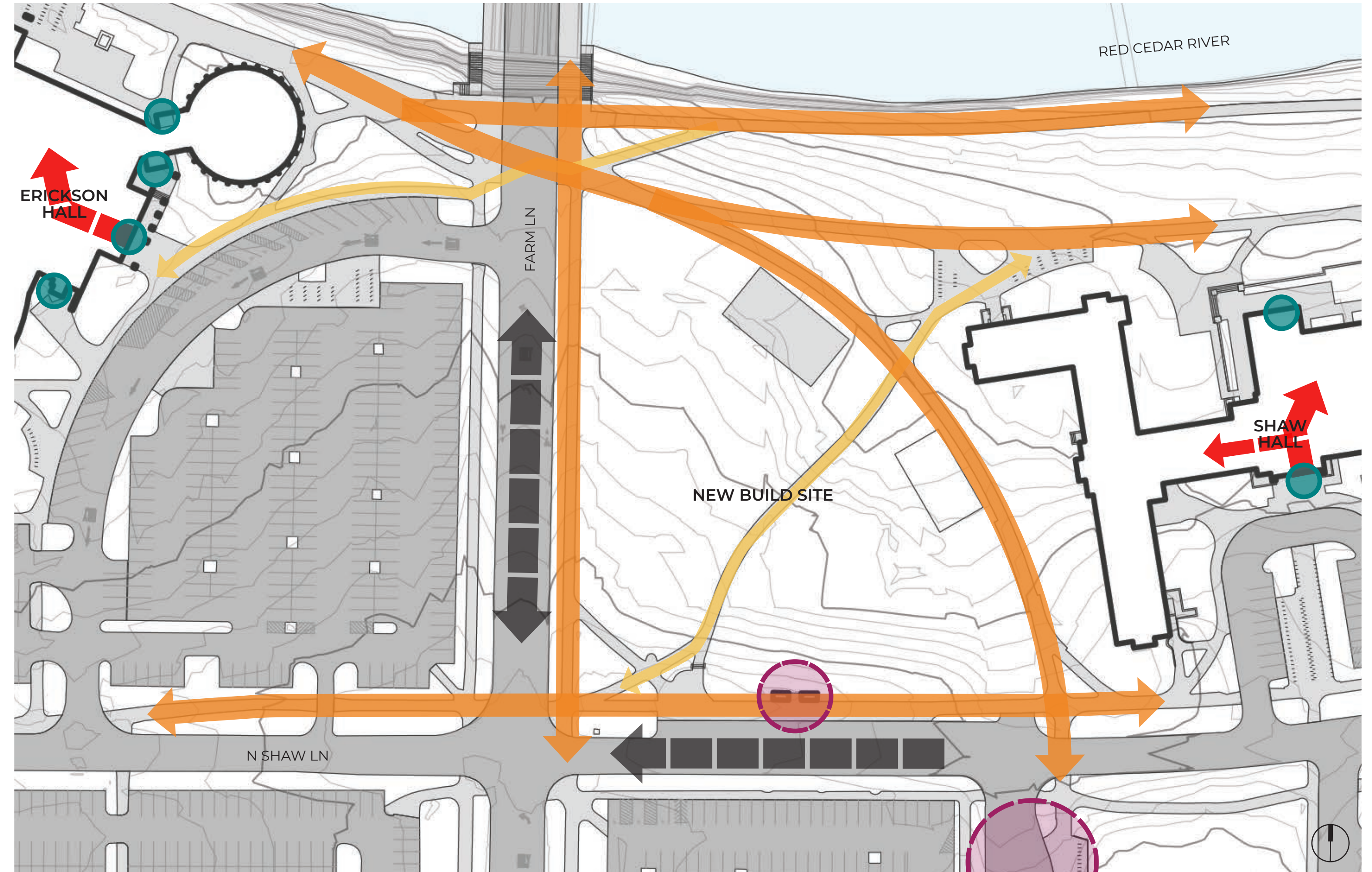
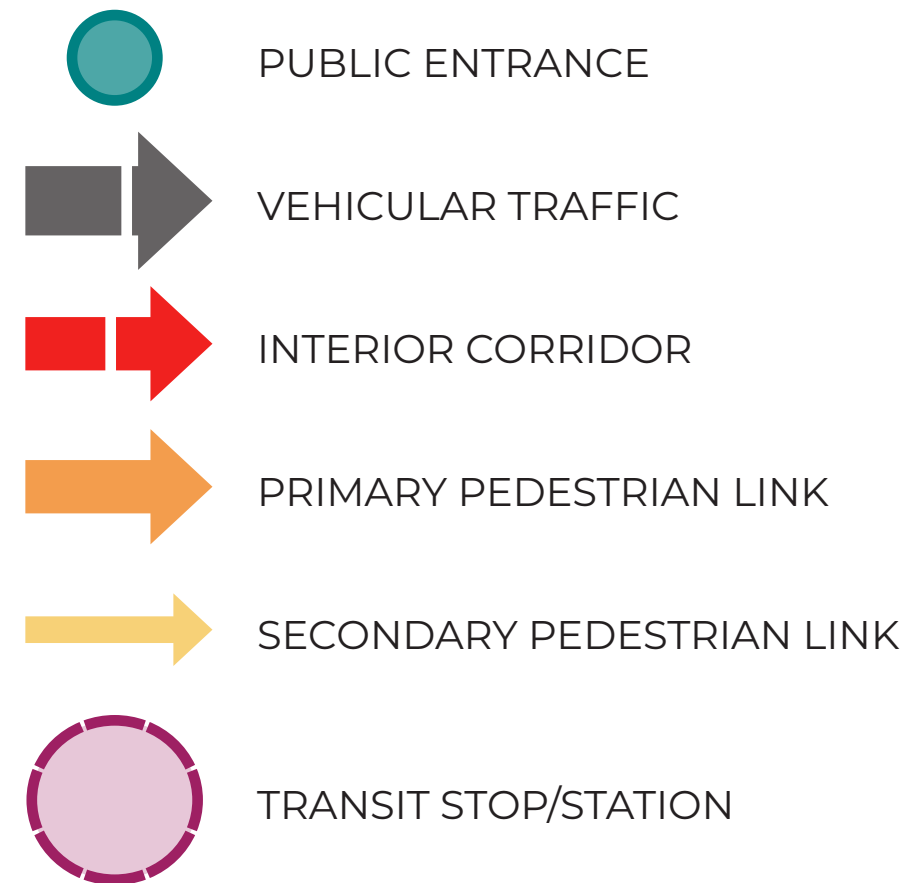


VIEW SOUTHWEST FROM BOTTOM OF SLOPE

5.3| EVALUATION | SITE 2 ANALYSIS

Circulation Pattern





Site 2 is bounded by two main thoroughfares of main campus, Farm Lane and N Shaw Lane. N Shaw Lane, however, is a one-way only street. Again, due to the adjacent River Walk, high volumes of pedestrian traffic is also experienced near the site as students and faculty transverse the large campus.

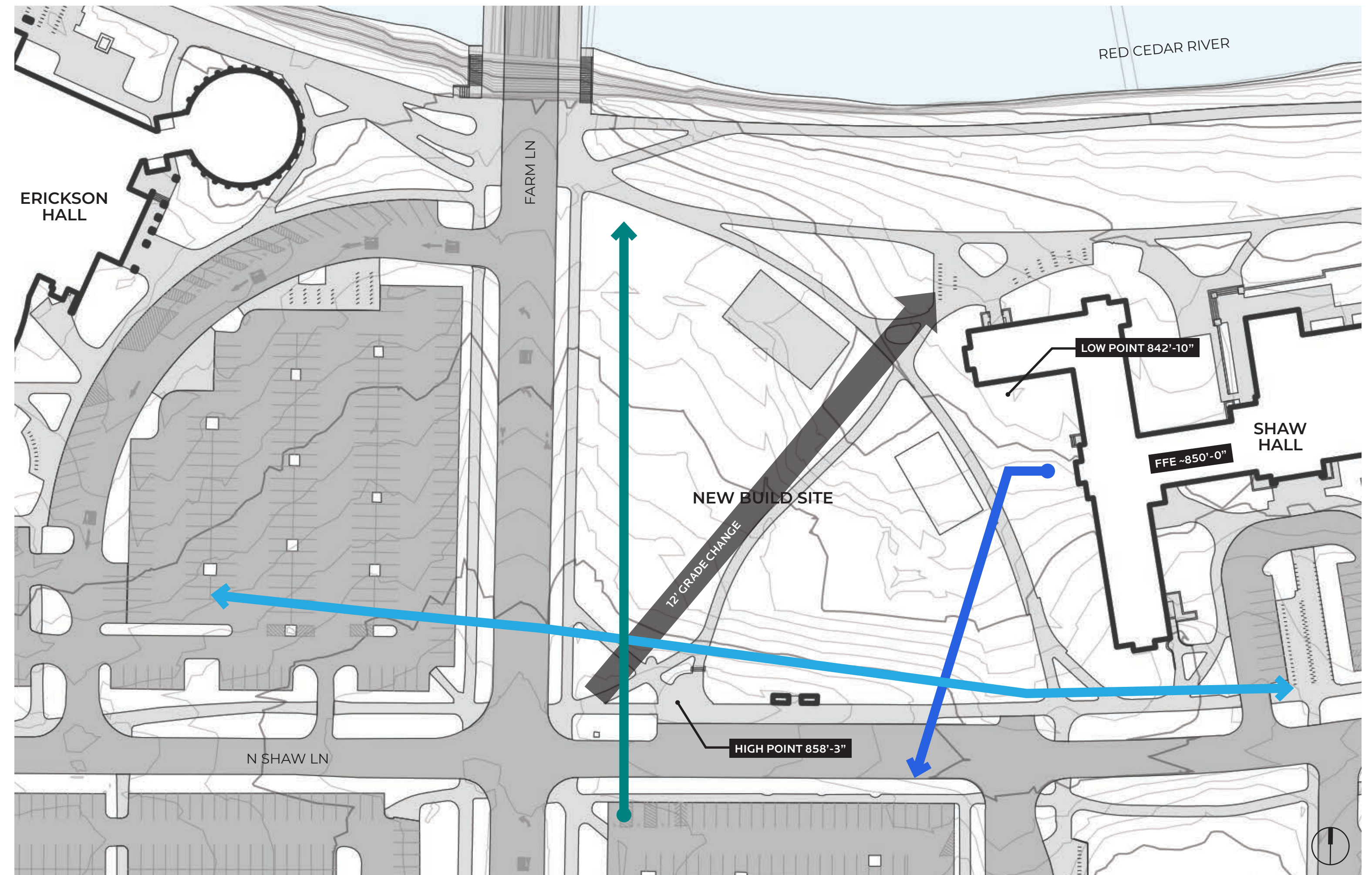


5.3| EVALUATION | SITE 2 ANALYSIS

Utilities & Drainage

While Site 2 is not as limited by the location of existing utilities, it does sit on a much steeper grade change which introduces its own set of implications for the placement and footprint of a future building.






-  JOINT TRENCH - VARIOUS UTILITIES
-  STEAM TUNNEL
-  SEWER LINE
-  DRAINAGE / SLOPE

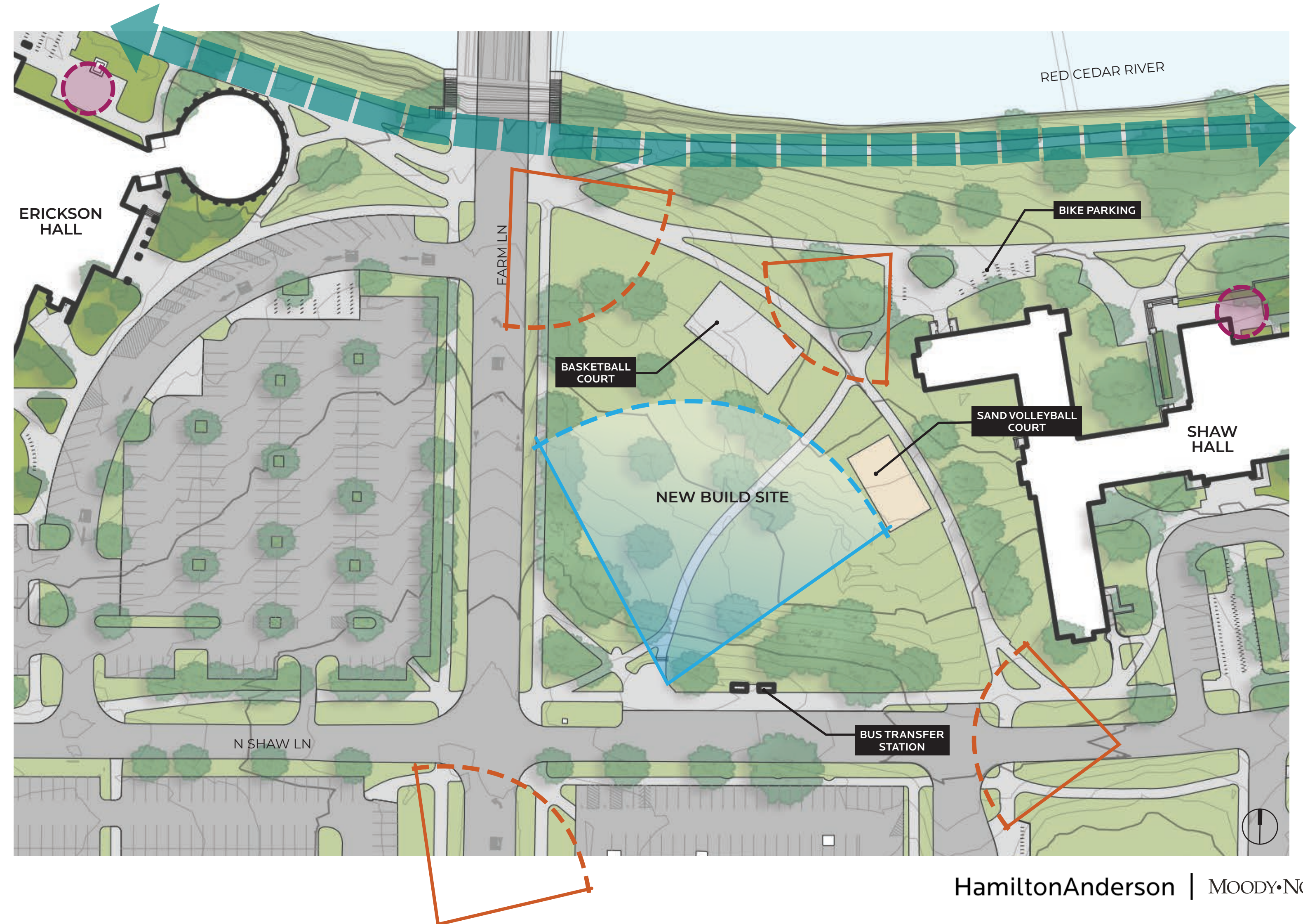


5.3| EVALUATION | SITE 2 ANALYSIS

Landscape Elements

While this site is largely not programmed, its steep topography creates a notable view of the Red Cedar River, and the site is also highly visible from the River Walk. Recently constructed amenities including a basketball court and sand volleyball court can also be found on the site.

-  PRIMARY VIEW TO SITE
-  NOTABLE VIEW FROM SITE
-  LANDSCAPE AREA
-  SEATING AREA
-  MSU RIVER TRAIL



5.3| EVALUATION | SITE 2 ANALYSIS

Conclusions

OPPORTUNITIES

Building will be highly visible from north side of the site, along the river trail and the Farm Lane bridge

Building could anchor corner and establish prominence

Pedestrian connection around east and north side of site is highly utilized and can inform architecture

Pedestrian and vehicular connection around west and south side of site is also highly utilized and can inform architecture

Potential for views onto river from majority of building

Site provides close proximity to CATA transit station and student foot traffic from river trail and east residential communities

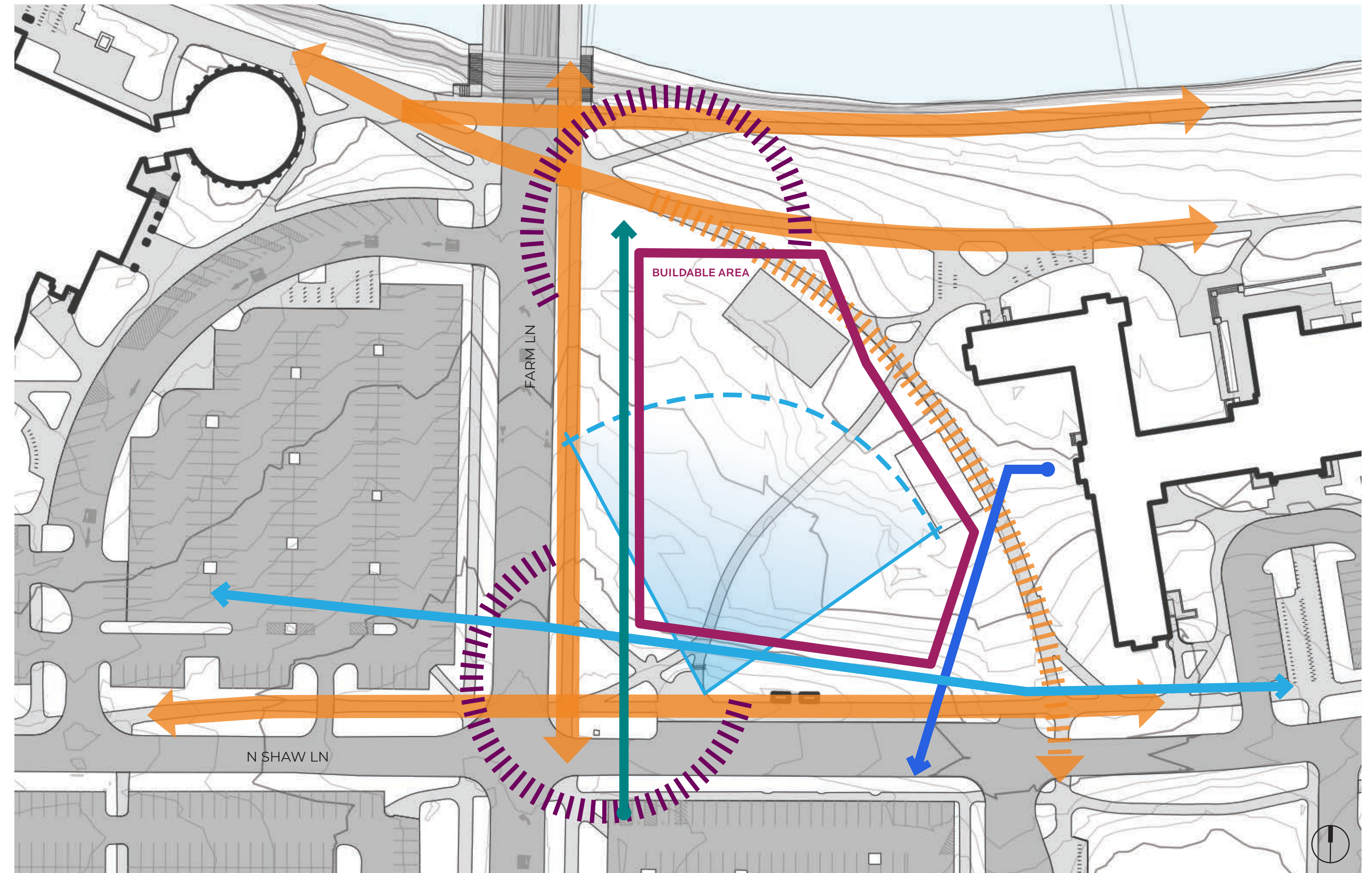
CONSTRAINTS

Parking lots across roadways to west, southwest, and south detract from contextual environment

High point of site is at street level; significant grade change across site poses challenge to establishing a street-level presence

Several trees are tagged on site and may be significant to campus arboretum; relocation may be required

Utilities pose minor constraint along south and east edges of site



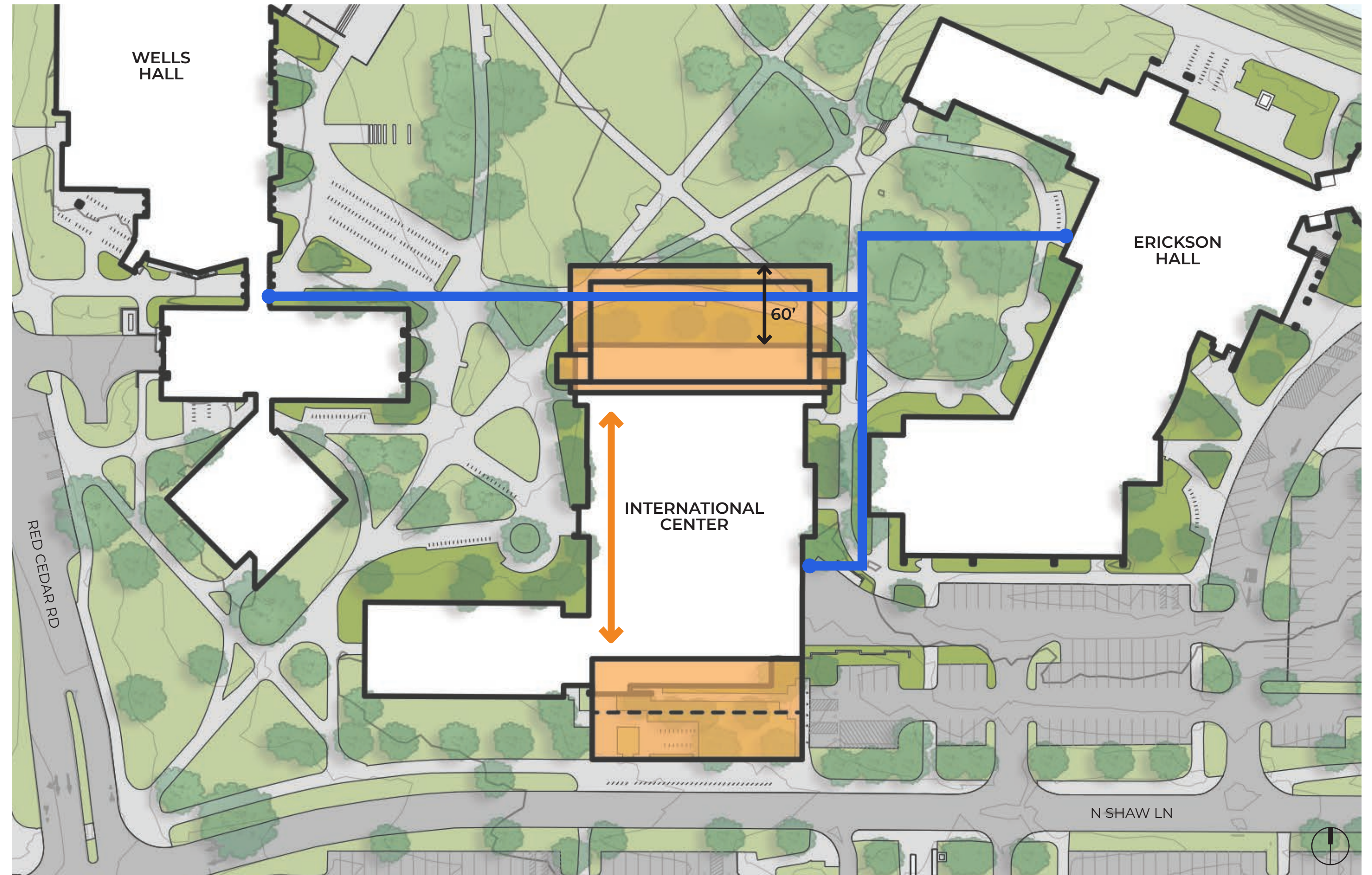
5.4 | EVALUATION | SITE 1 PRELIMINARY DESIGN

Site 1: International Center

With the analysis phase complete, the next part of the feasibility study was to begin the preliminary design by identifying the most efficient and effective building placement based on the site analysis results as well as the feedback from students and stakeholders.

This design scheme presents an opportunity to extend the life of the existing building through additions and updates. This option features two distinct and significant additions: one located at the south face of the building facing N. Shaw Lane, and the other at the north face engaging People's Park. These expansions afford the opportunity to create more dramatic, identifiable entries to the original International Center building, an important consideration for the Multicultural Center.

Together the additions satisfy all the program requirements, with some existing spaces within the International Center being transformed into the proposed Multicultural Center program, enabling the Multicultural Center programs to energize the International Center and re-integrate back into the MSU campus.



5.4 | EVALUATION | SITE 1 PRELIMINARY DESIGN

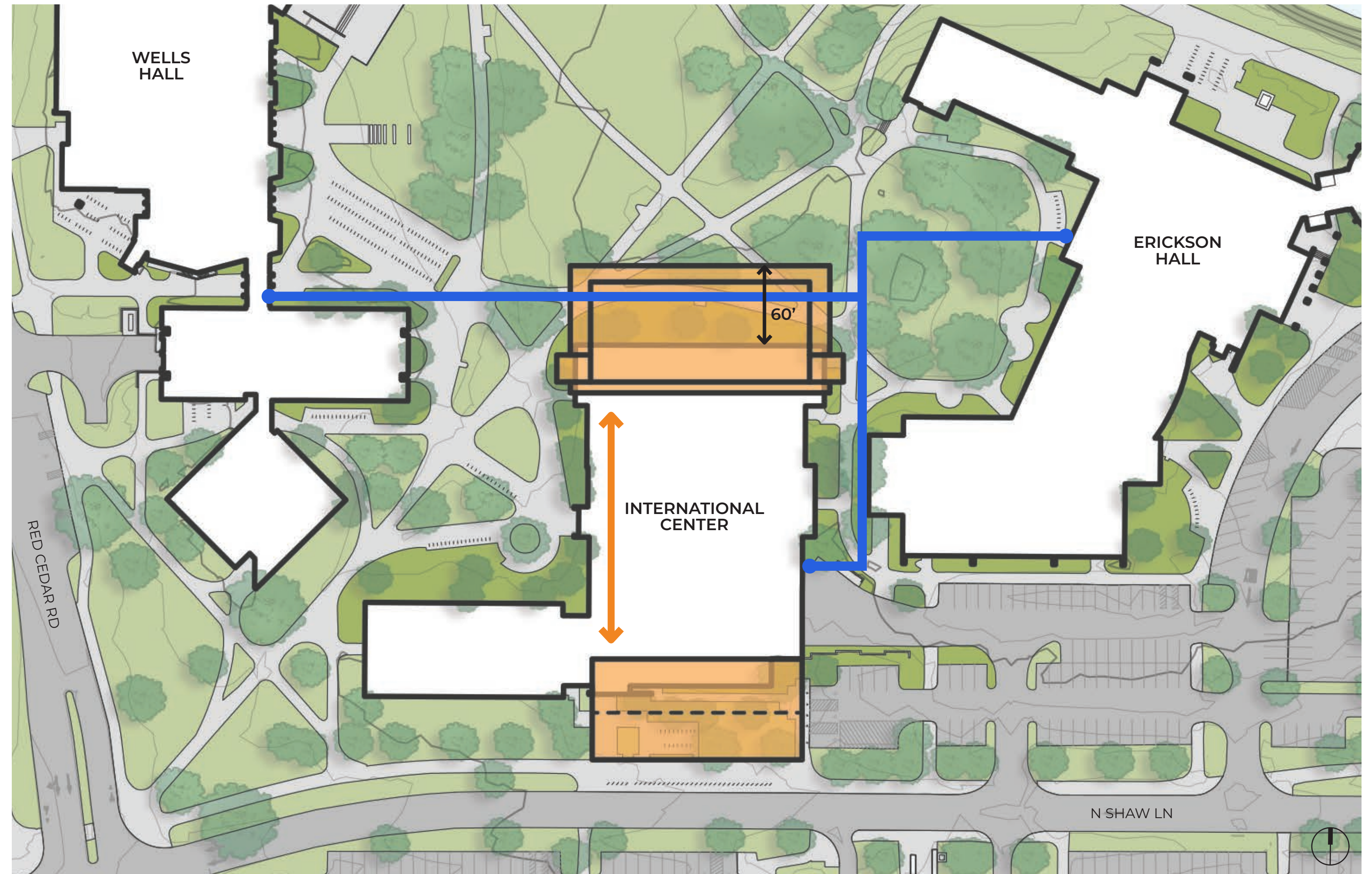
Building Placement

OPPORTUNITIES

- Leverages existing building asset for extended use
- Creates opportunity for renovation of existing building
- Establishes prominence of program along N. Shaw Lane
- Positions the MCC program adjacent to People's Park, connecting to its history, nature, and identity
- Positions the MCC program within one of the most utilized pedestrian areas of campus

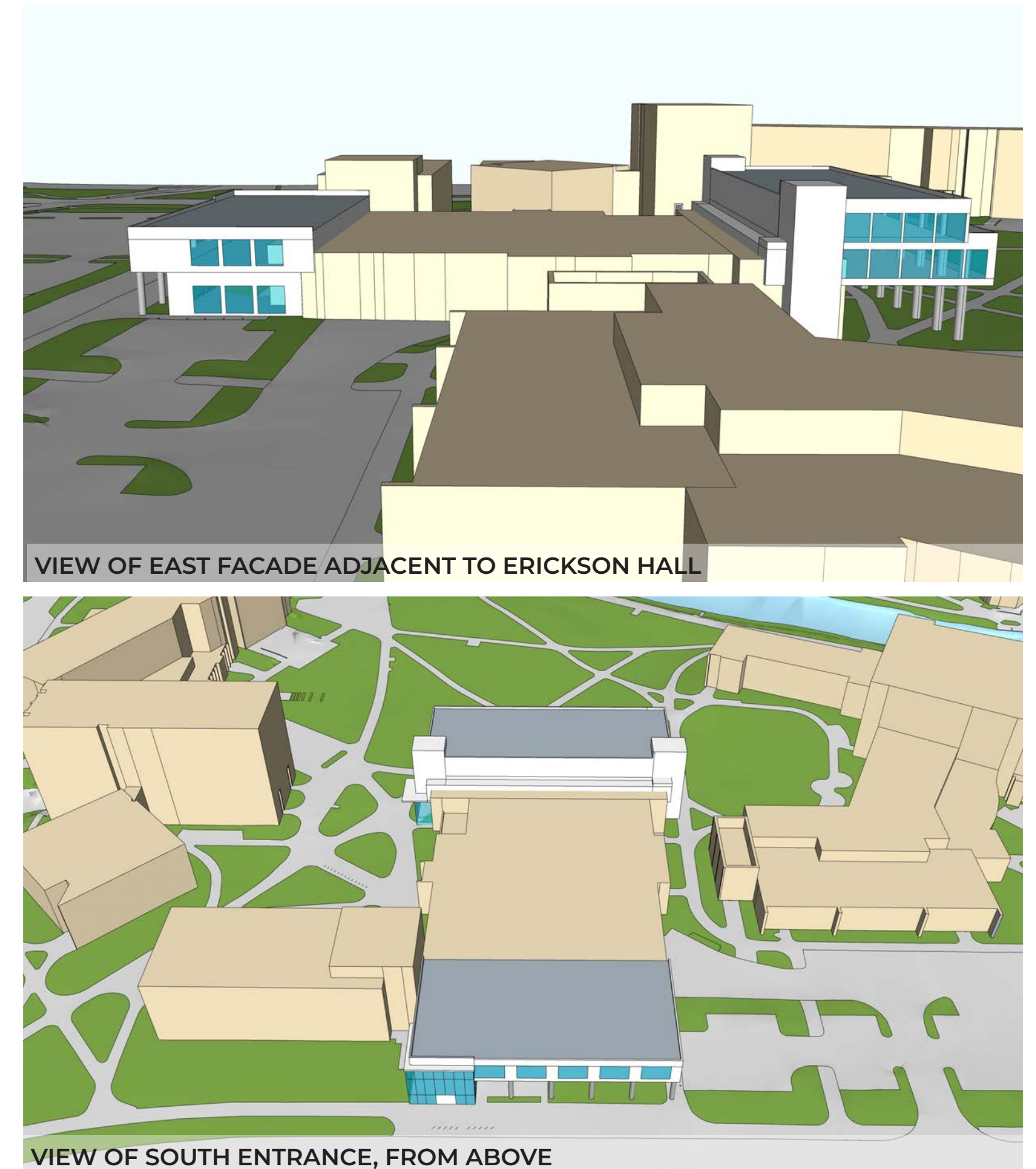
CONSTRAINTS

- Requires coordination of foundations with existing steam tunnel
- Requires overhaul of existing façade to coordinate
- Encroaches on the setback at N. Shaw Lane
- Existing building program bifurcates MCC program
- Requires a thoughtful and innovative structural solution
- Encroaches into People's Park by an addition 60 feet, requiring circulation changes and tree removals
- North addition puts existing first floor level in shade, requires programming and activation
- Limited opportunity for program-specific exterior spaces



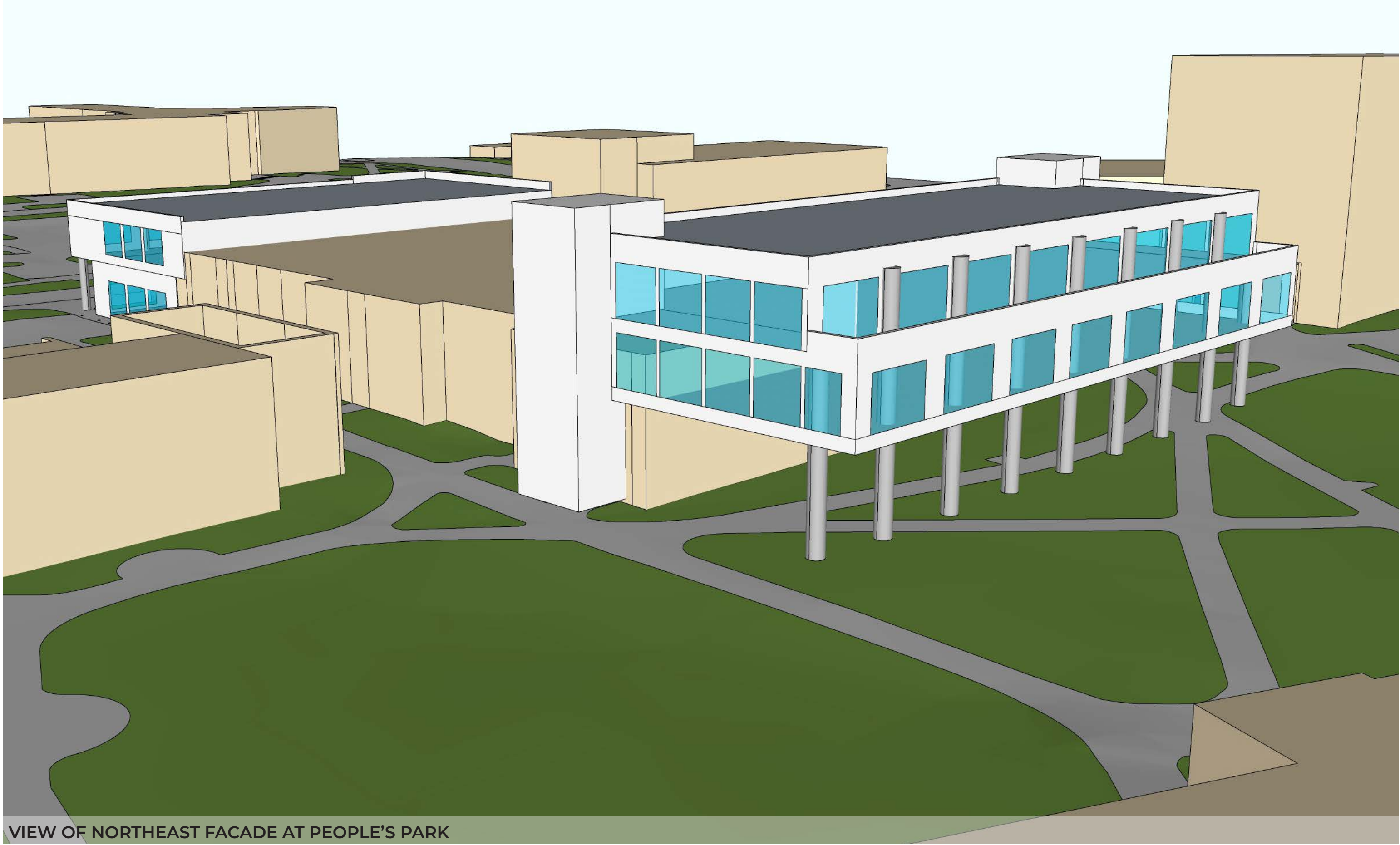
5.4 | EVALUATION | SITE 1 PRELIMINARY DESIGN

Massing Diagrams



5.4 | EVALUATION | **SITE 1 PRELIMINARY DESIGN**

Massing Diagrams



VIEW OF NORTHEAST FACADE AT PEOPLE'S PARK



VIEW OF SOUTH FACADE AT PEOPLE'S PARK

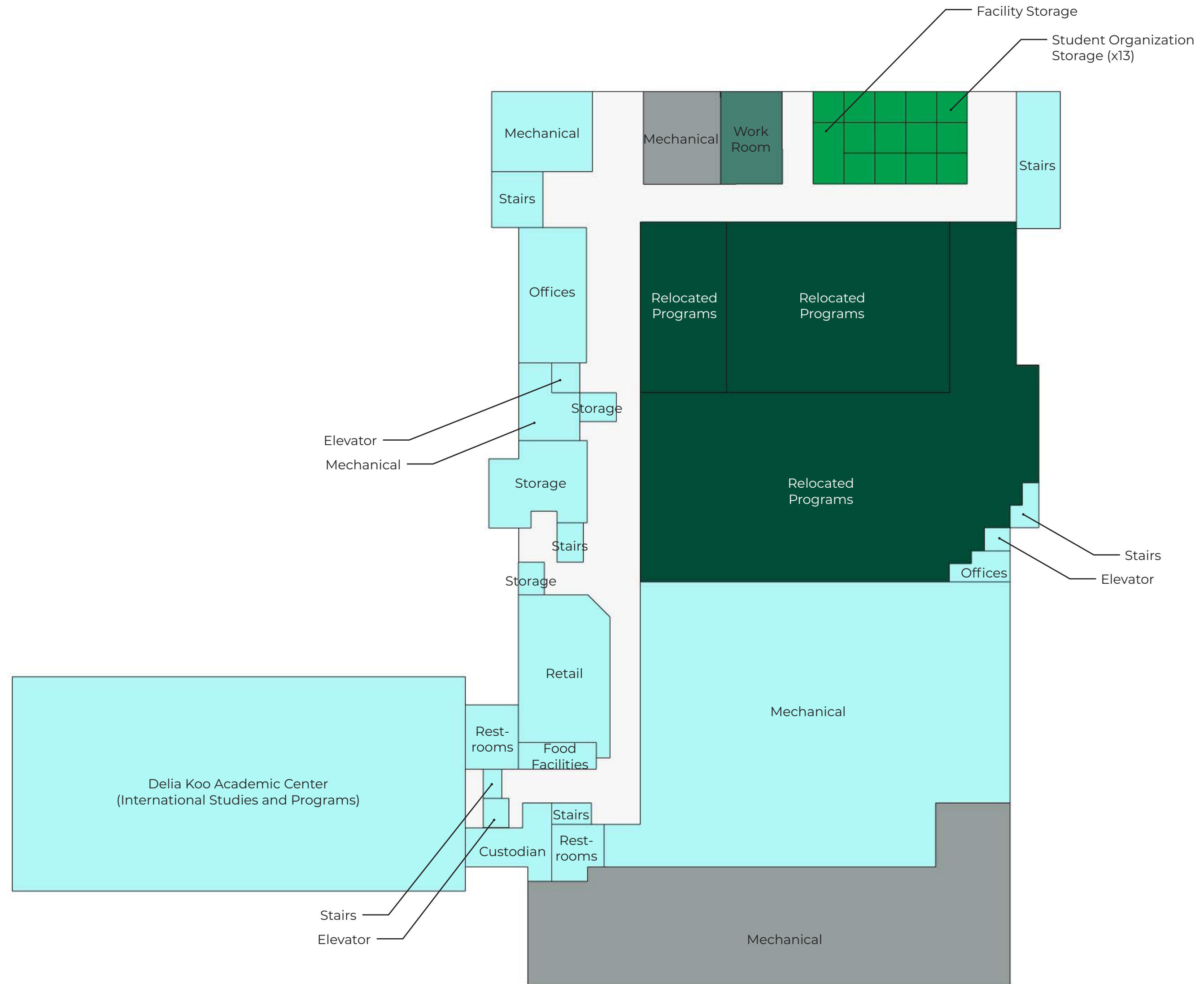


VIEW OF NORTHWEST ENTRANCE ADJACENT TO WELLS HALL

5.4 | EVALUATION | SITE 1 PRELIMINARY DESIGN

Ground Floor Plan

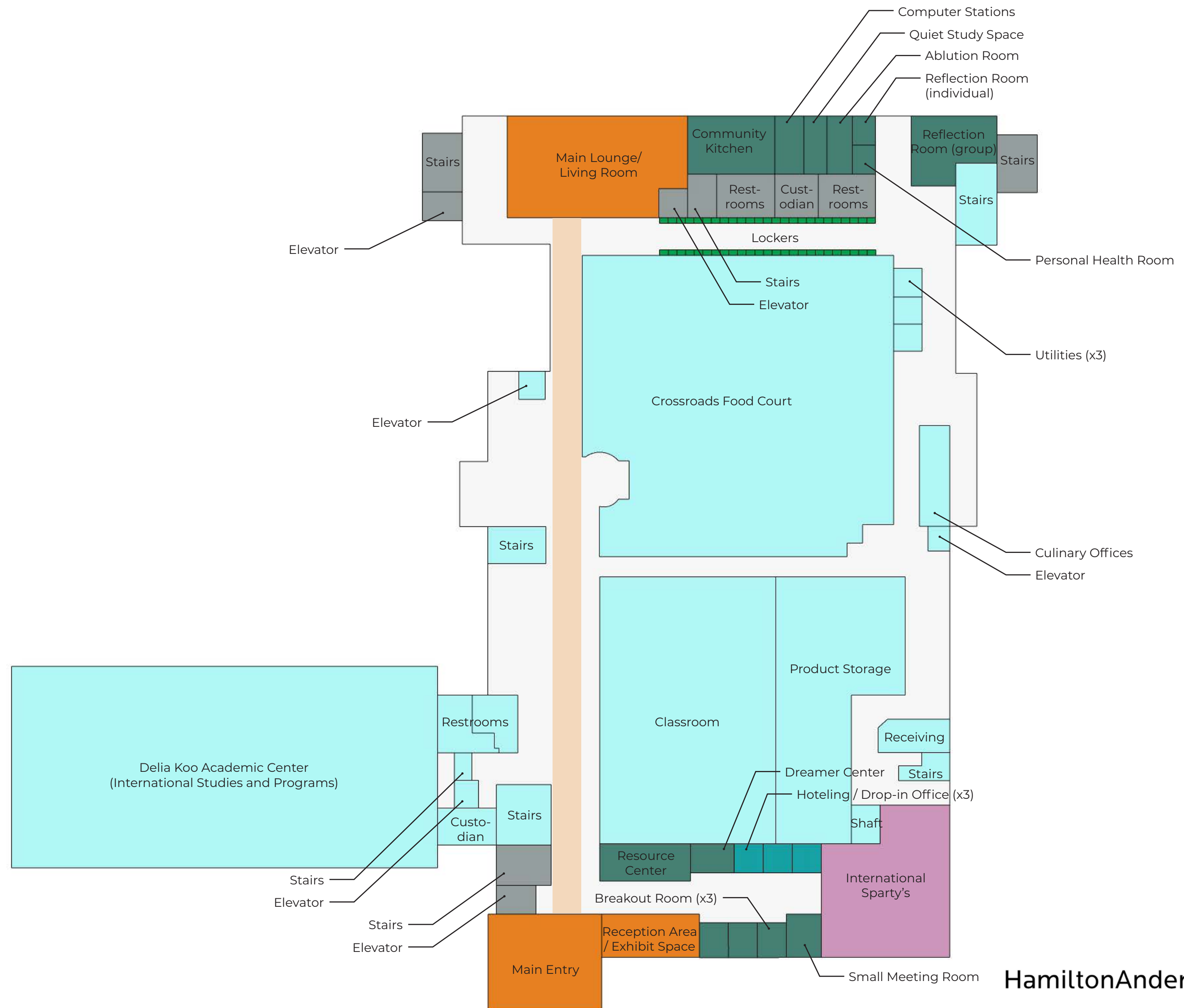
- EXISTING
- DEDICATED SPACES
- SHARED SPACES
- SUPPORT SPACES
- COMMON AREAS
- CORE (RESTROOMS, MECH, IT, ETC.)
- CONTINGENCY SPACES
- REDUCED/RELOCATED EXISTING PROGRAM



5.4 | EVALUATION | SITE 1 PRELIMINARY DESIGN

First Floor Plan

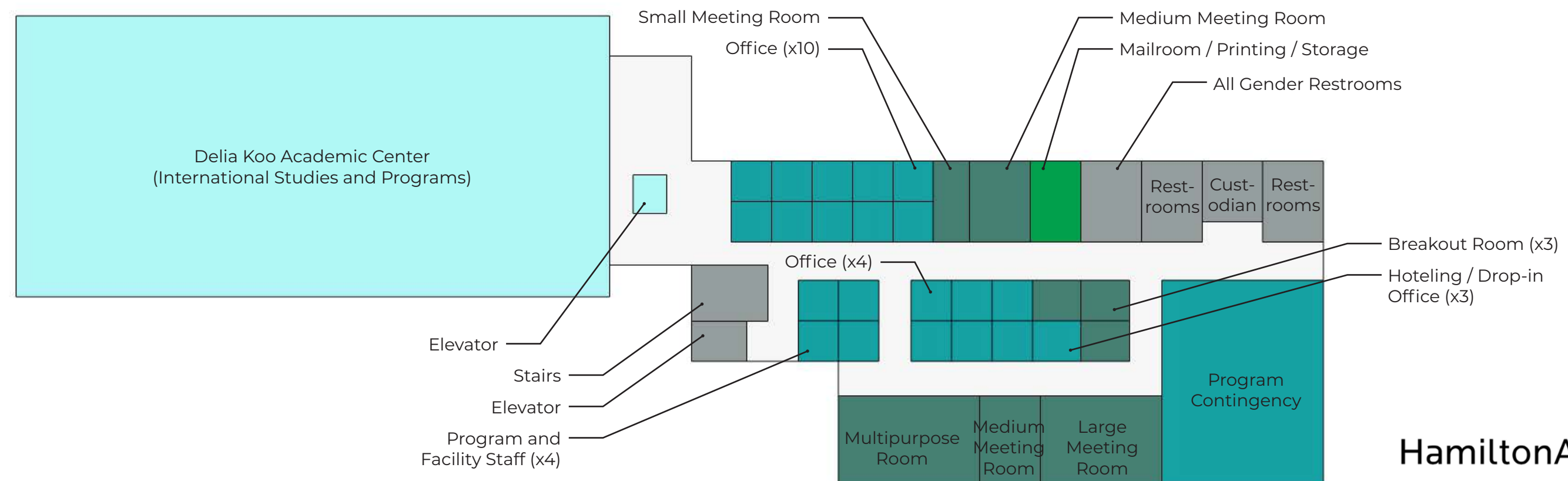
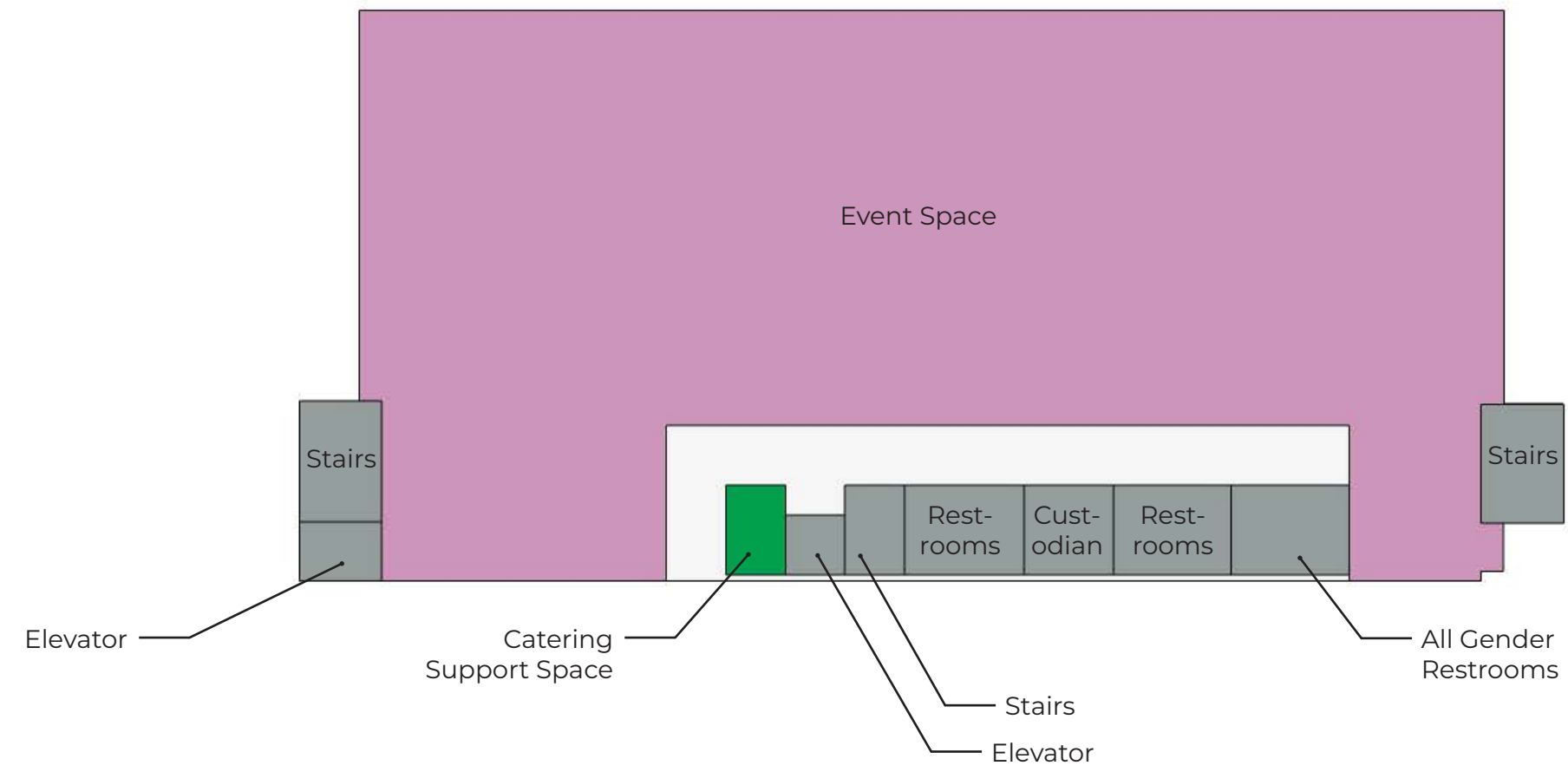
- EXISTING
- DEDICATED SPACES
- SHARED SPACES
- SUPPORT SPACES
- COMMON AREAS
- CORE (RESTROOMS, MECH, IT, ETC.)
- CONTINGENCY SPACES
- CONNECTING CORRIDOR



5.4 | EVALUATION | SITE 1 PRELIMINARY DESIGN

Second Floor Plan

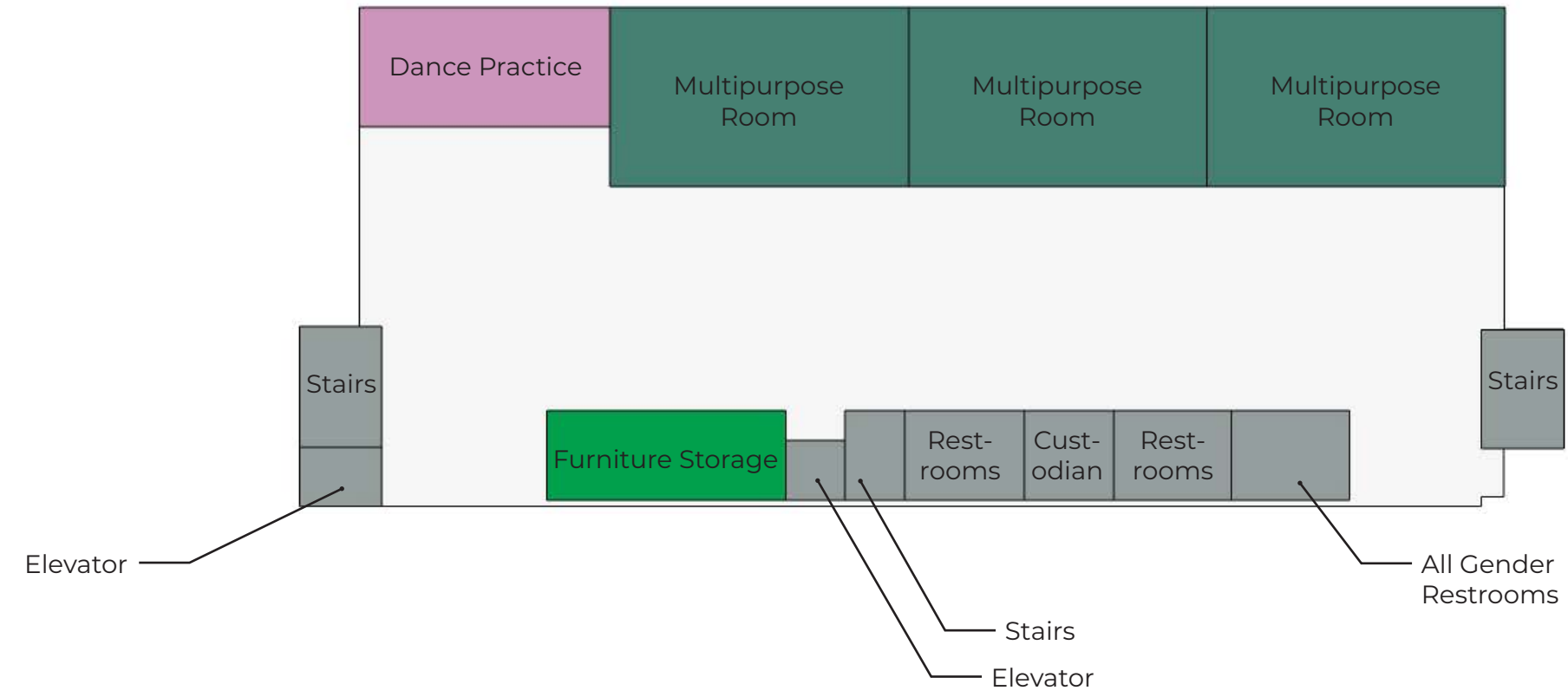
- EXISTING
- DEDICATED SPACES
- SHARED SPACES
- SUPPORT SPACES
- COMMON AREAS
- CORE (RESTROOMS, MECH, IT, ETC.)
- CONTINGENCY SPACES



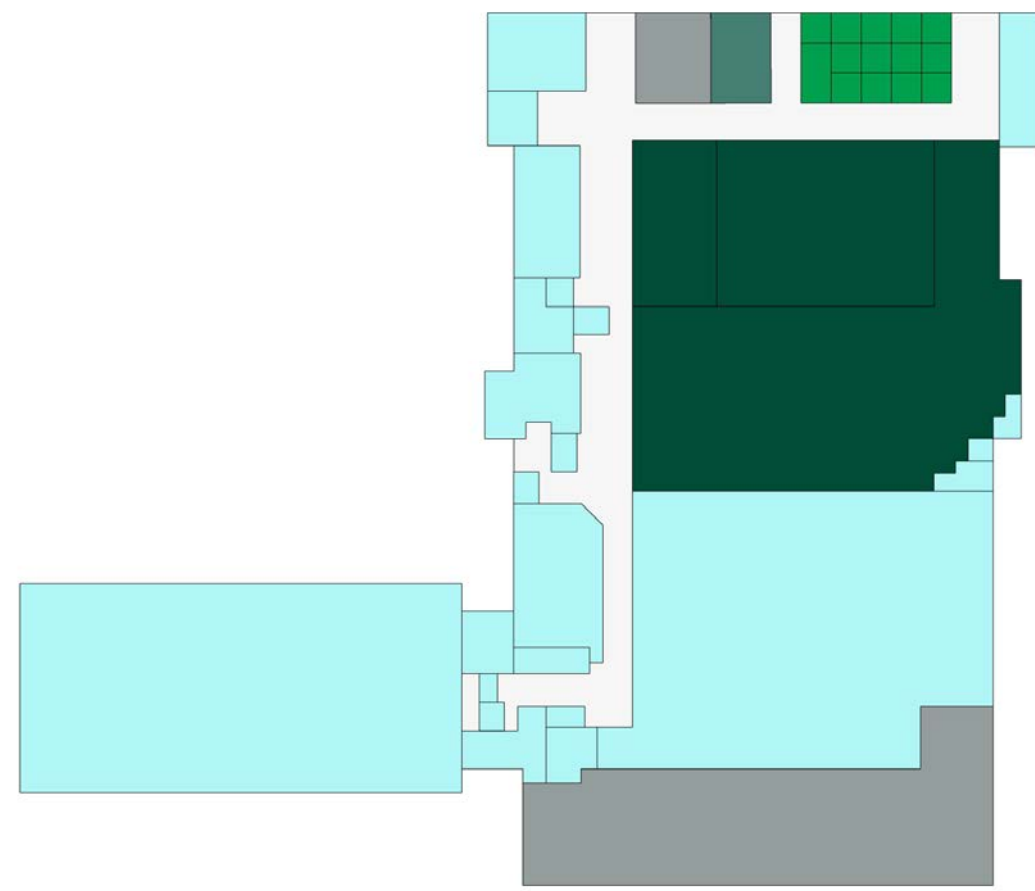
5.4 | EVALUATION | SITE 1 PRELIMINARY DESIGN

Third Floor Plan

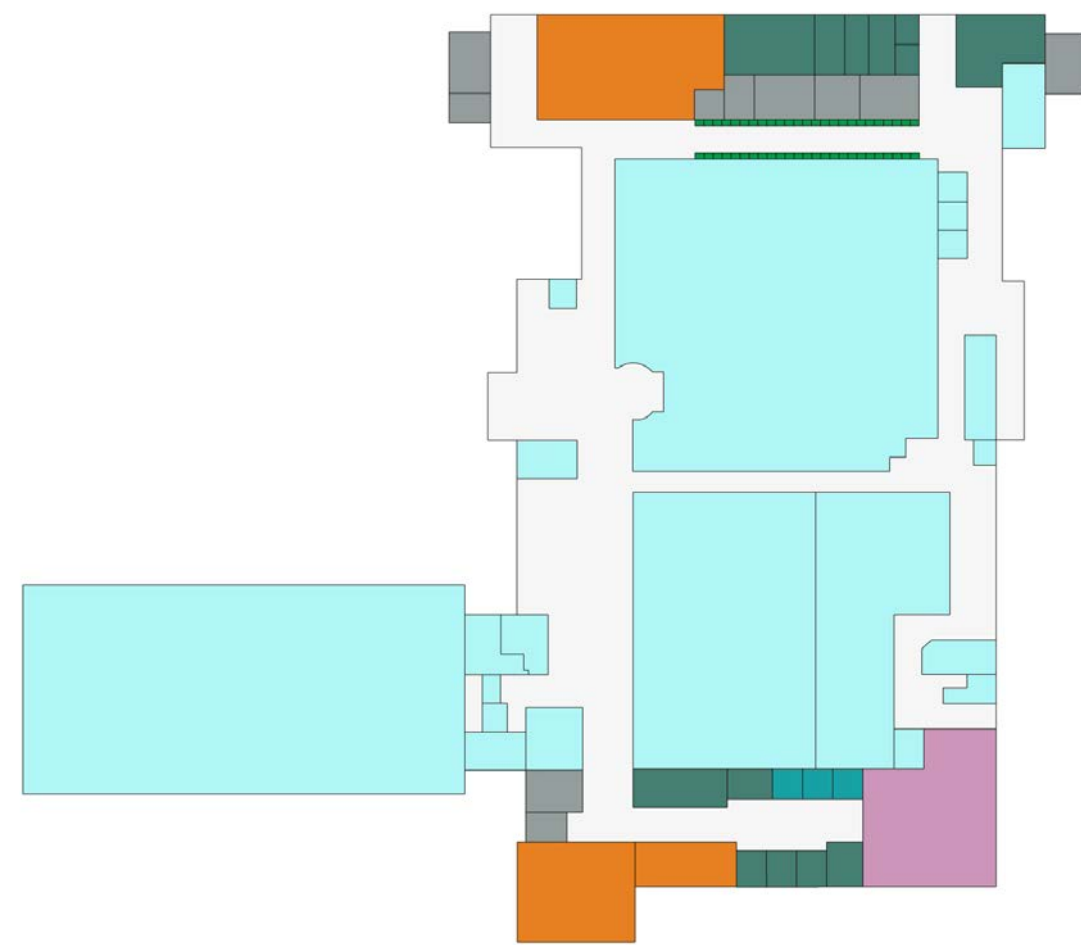
- EXISTING
- DEDICATED SPACES
- SHARED SPACES
- SUPPORT SPACES
- COMMON AREAS
- CORE (RESTROOMS, MECH, IT, ETC.)
- CONTINGENCY SPACES



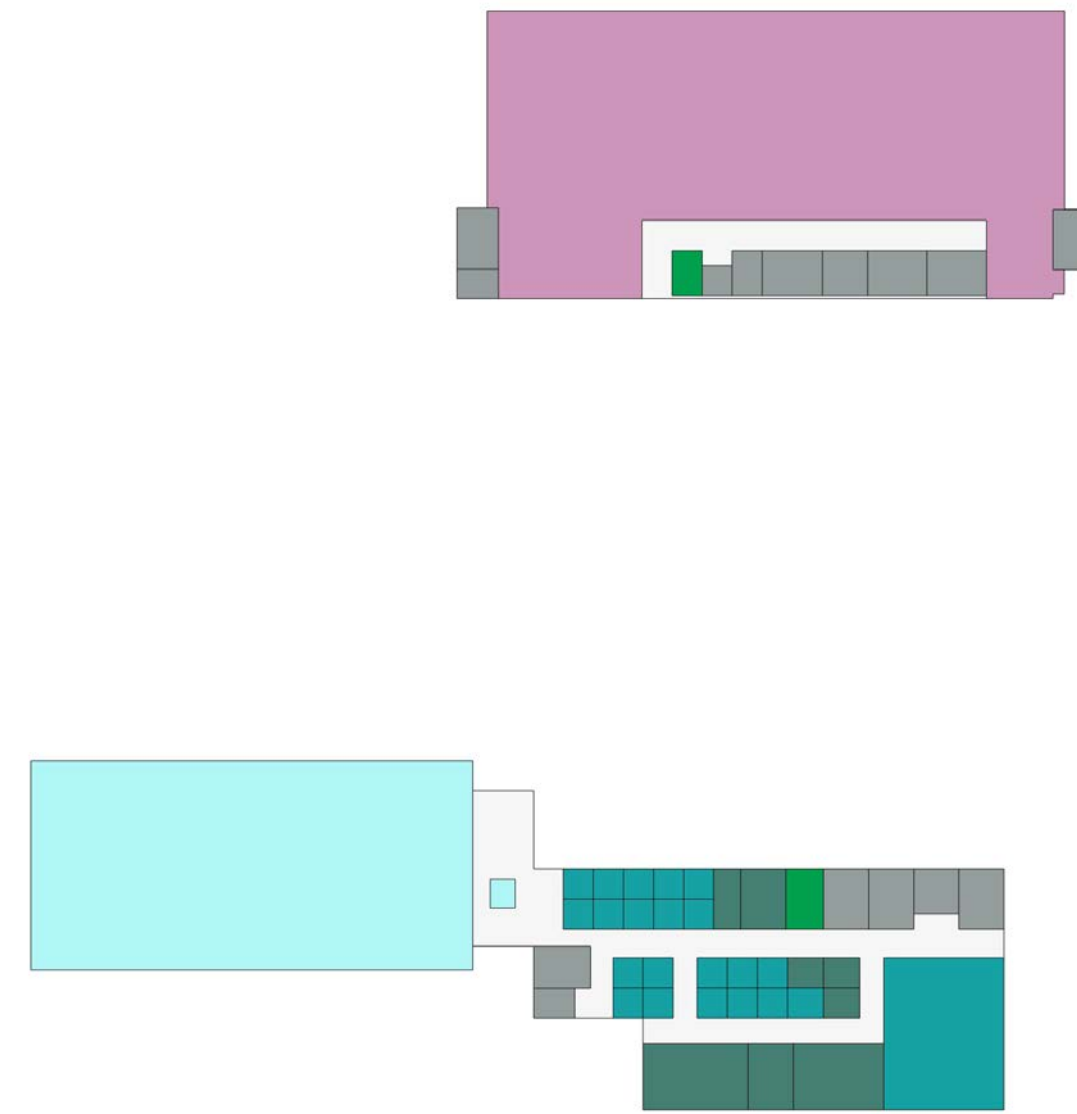
5.4 | EVALUATION | SITE 1 PRELIMINARY DESIGN



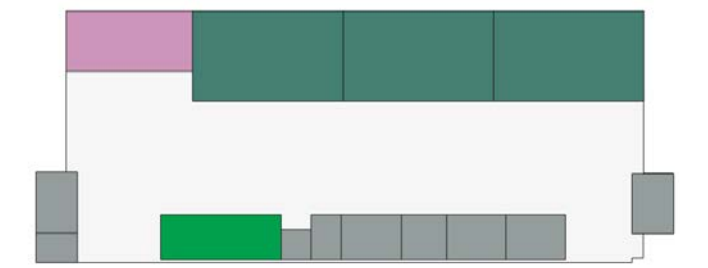
Ground Floor Plan



First Floor Plan



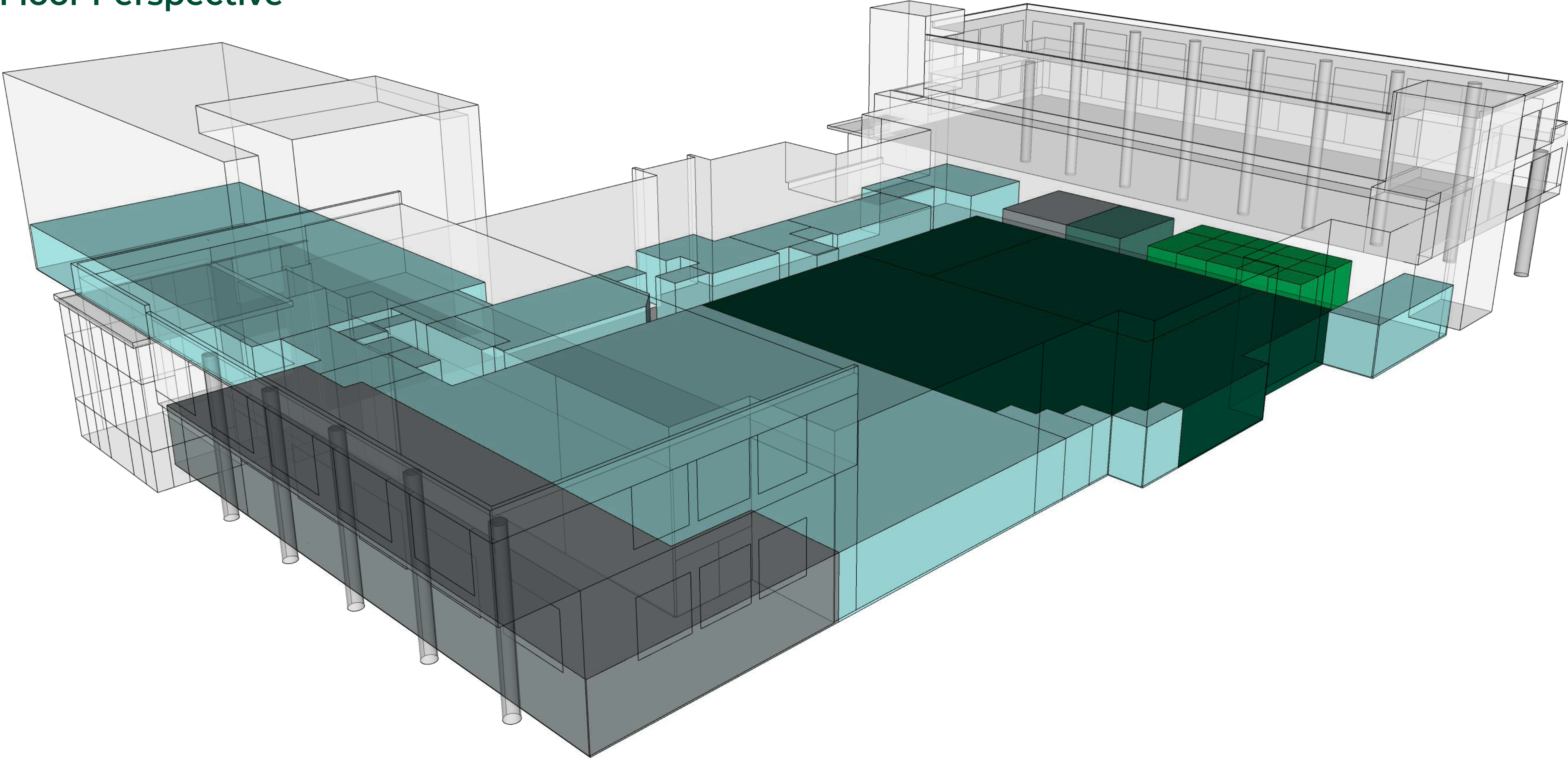
Second Floor Plan



Third Floor Plan

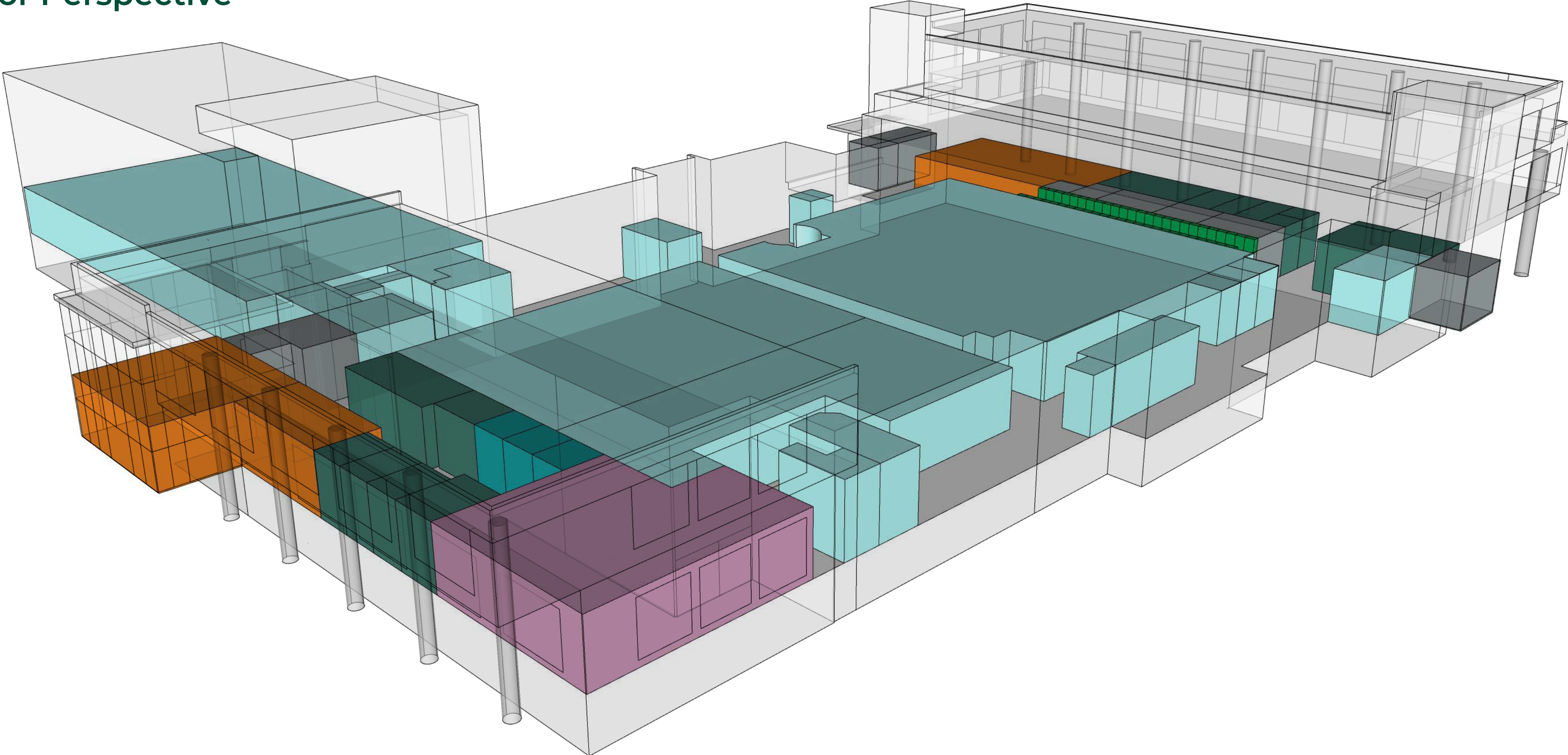
5.4 | EVALUATION | **SITE 1 PRELIMINARY DESIGN**

Ground Floor Perspective



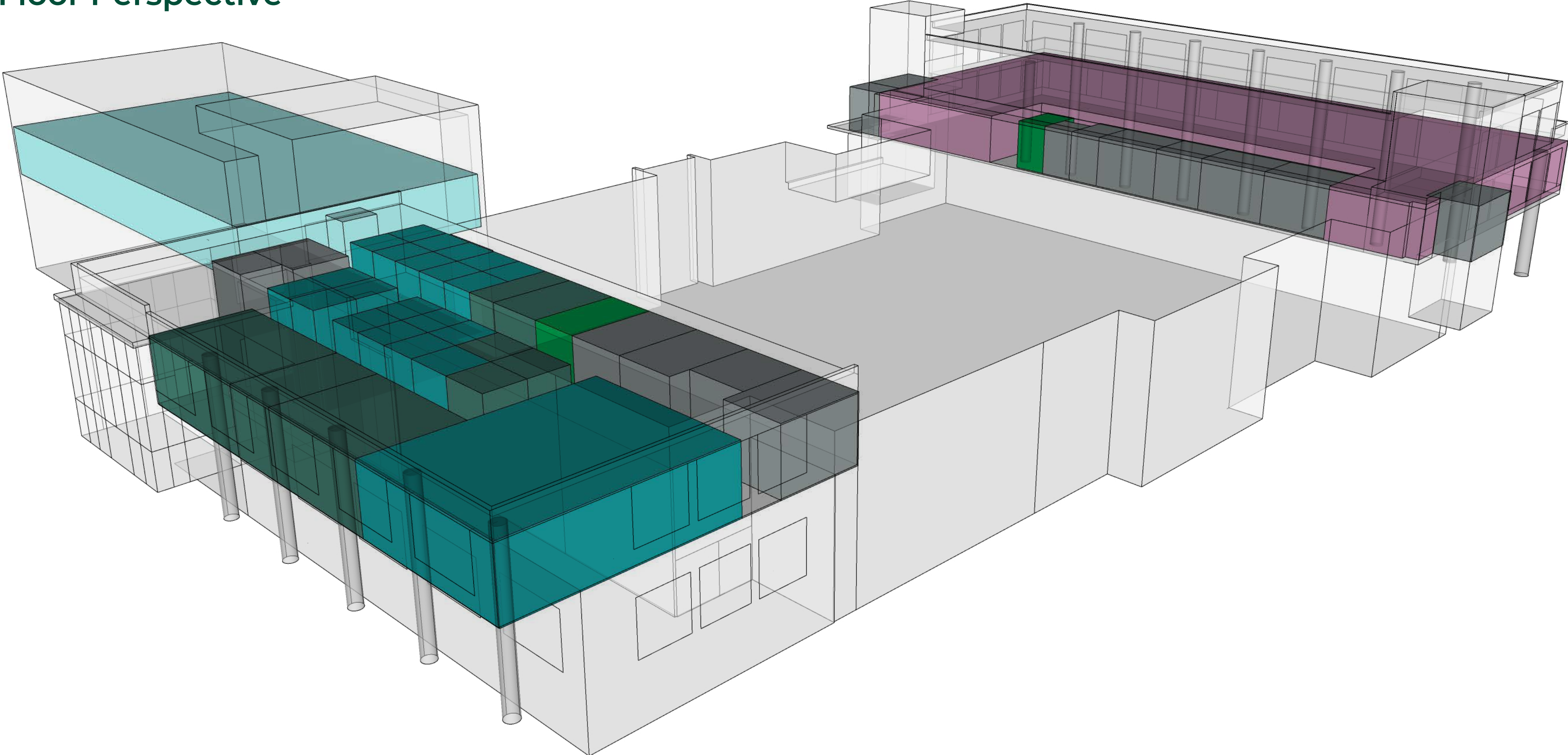
5.4 | EVALUATION | **SITE 1 PRELIMINARY DESIGN**

First Floor Perspective



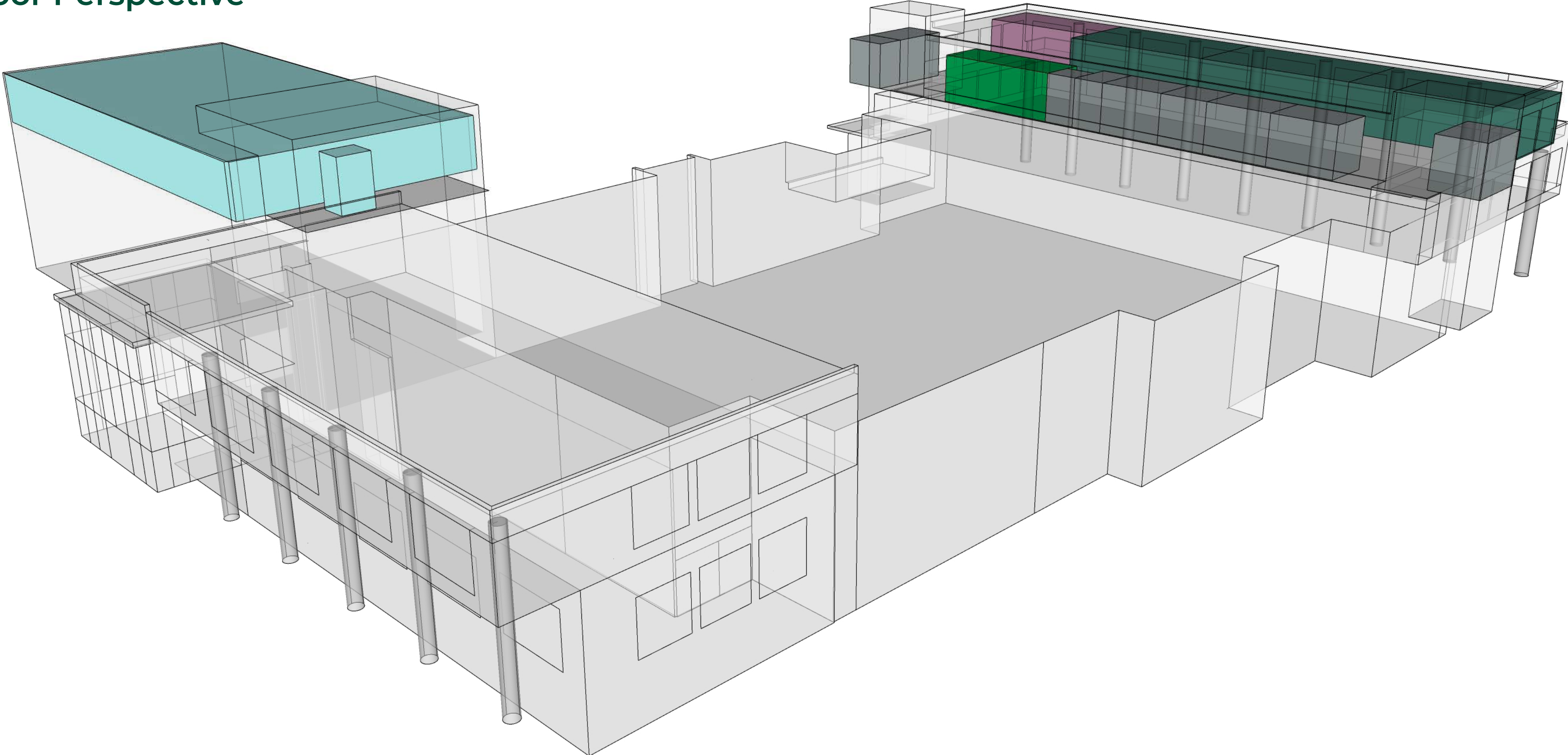
5.4 | EVALUATION | **SITE 1 PRELIMINARY DESIGN**

Second Floor Perspective



5.4 | EVALUATION | **SITE 1 PRELIMINARY DESIGN**

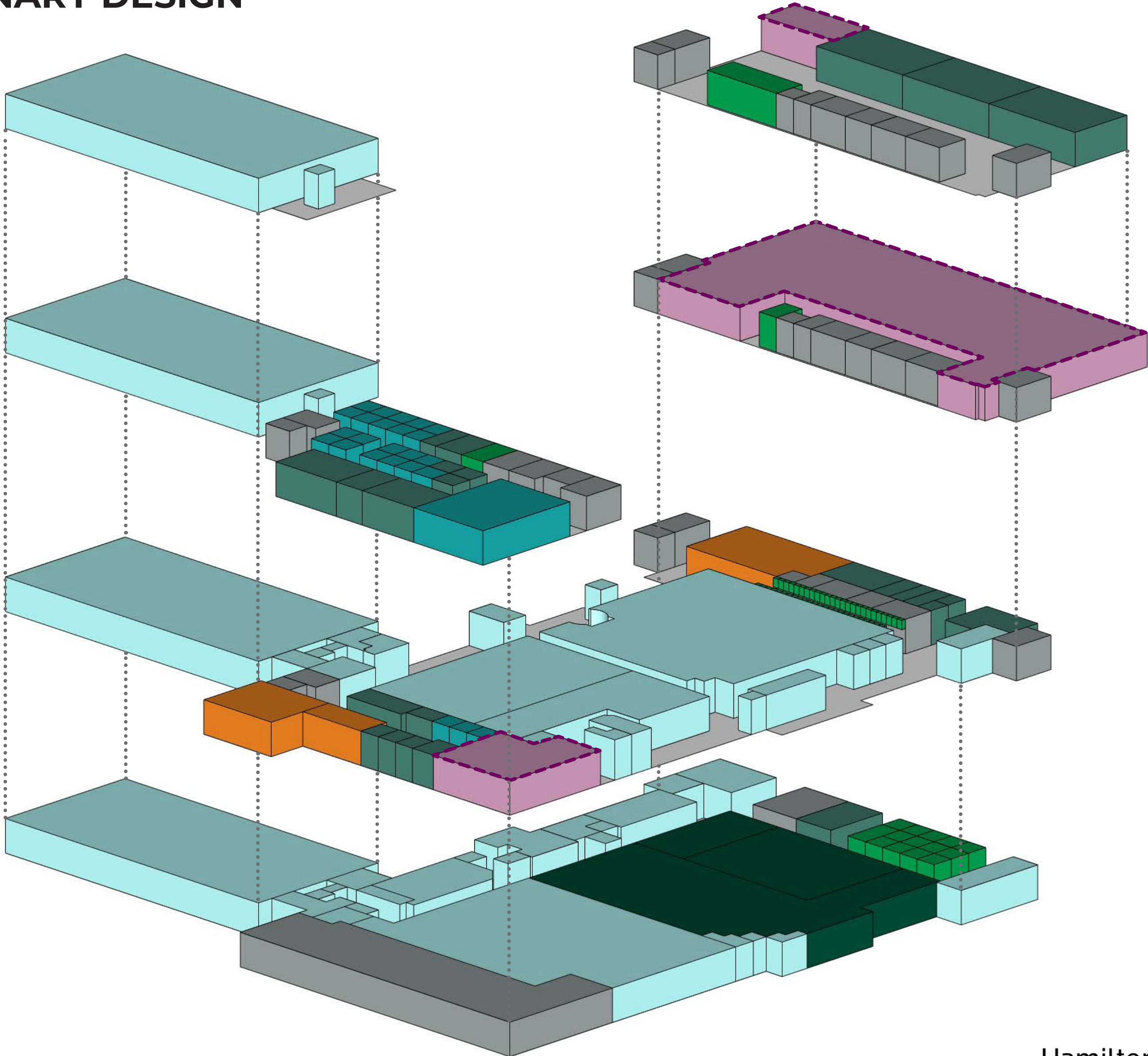
Third Floor Perspective



5.4 | EVALUATION | SITE 1 PRELIMINARY DESIGN

Isometric View

- EXISTING
- DEDICATED SPACES
- SHARED SPACES
- SUPPORT SPACES
- COMMON AREAS
- CORE (RESTROOMS, MECH, IT, ETC.)
- CONTINGENCY SPACES
- REDUCED/RELOCATED EXISTING PROGRAM

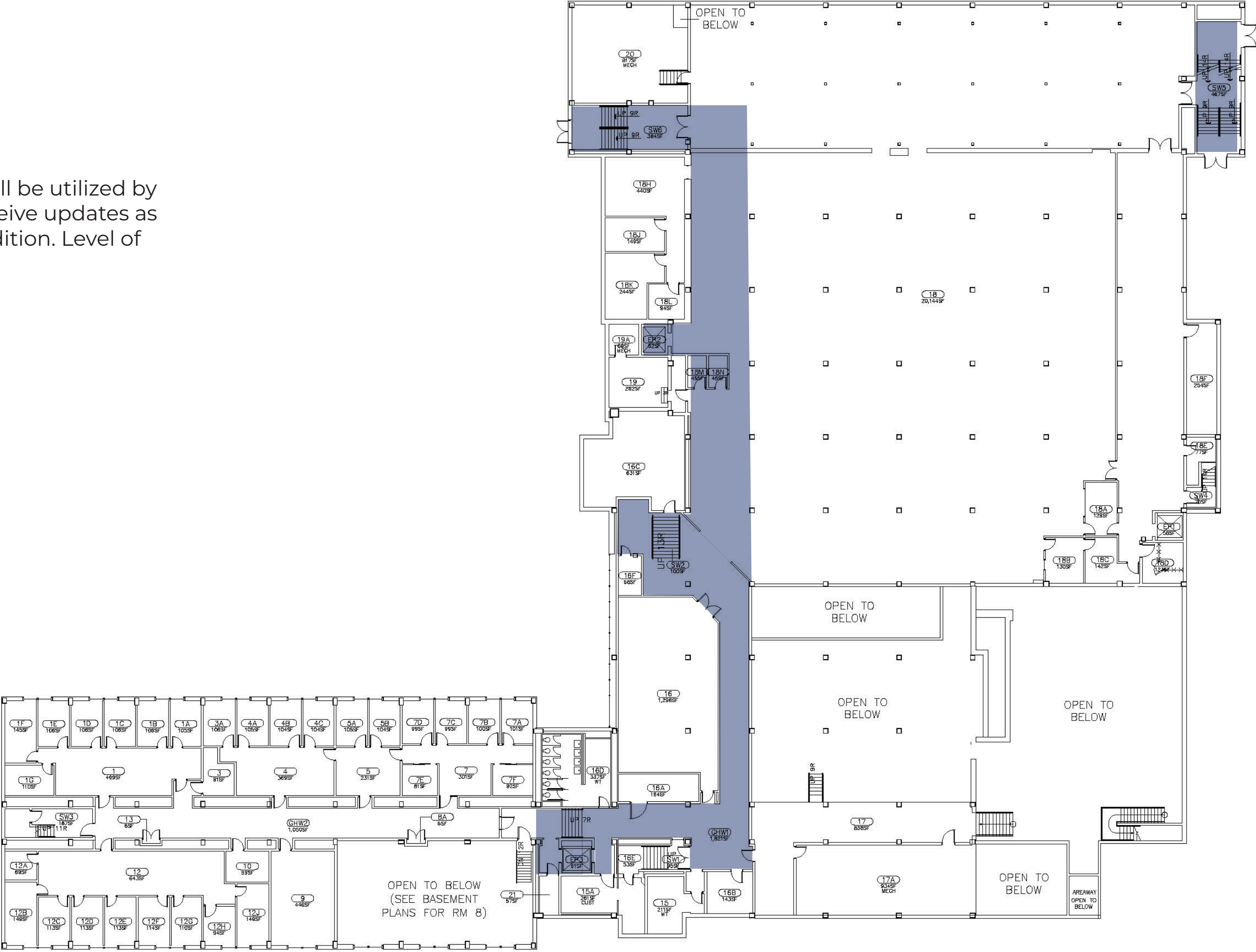


5.4 | EVALUATION | SITE 1 PRELIMINARY DESIGN

Shared Circulation

Existing Ground Floor Plan

Existing circulation routes which will be utilized by all functions in the building will receive updates as part of the potential renovation/addition. Level of renovation is to be determined.



5.4 | EVALUATION | SITE 1 PRELIMINARY DESIGN

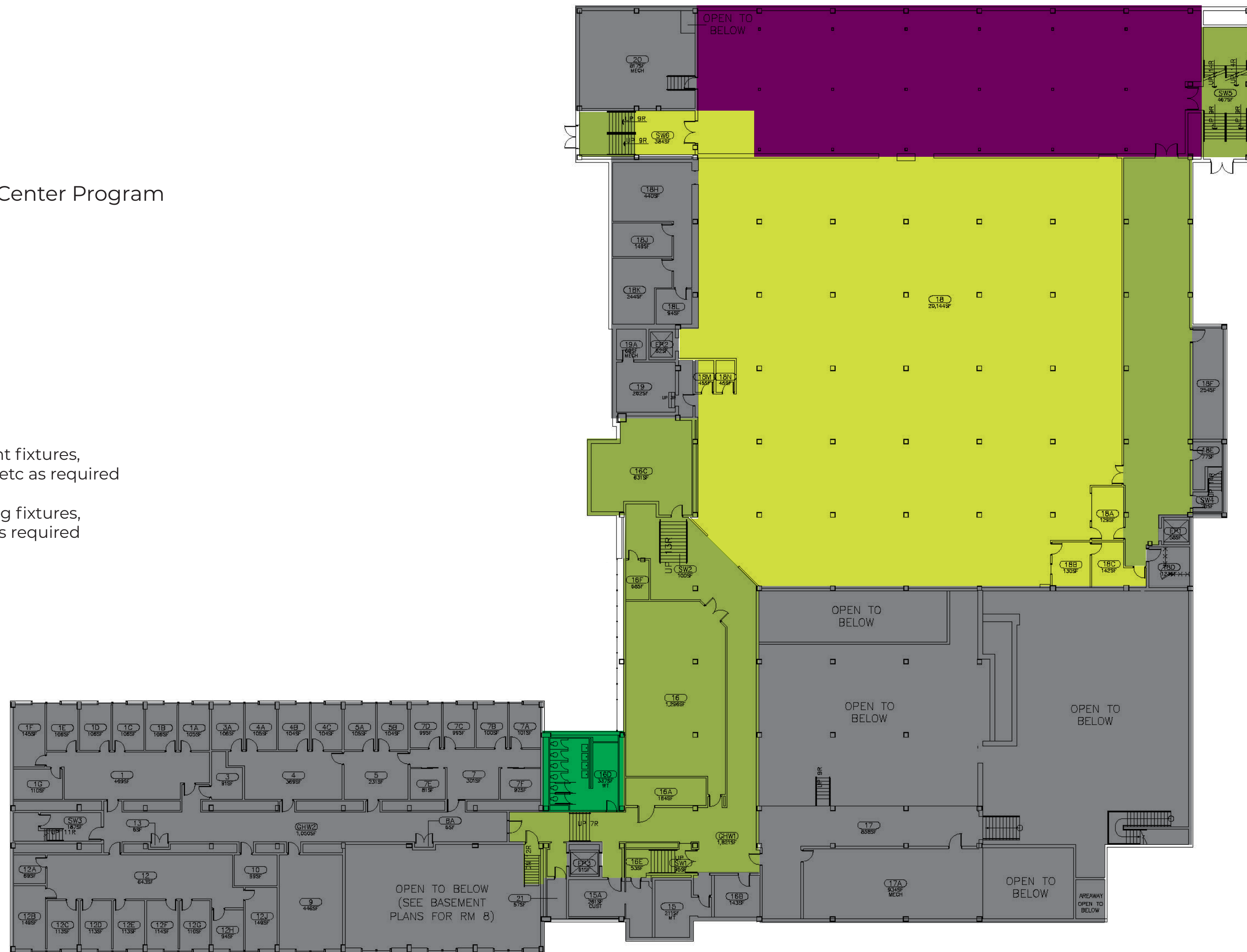
Tiers of Renovation

Existing Ground Floor Plan

- Included in the New Multicultural Center Program
- Existing to Remain As Is
- Paint and Ceilings Only *
- Paint, Ceilings and Flooring *
- Demo All and Replace with New **

* Assume all ceiling components such as light fixtures, rerouting MEP, fire alarms, AV equipment, etc as required

** Assume all finishes, light fixtures, plumbing fixtures, equipment, rerouting MEP, fire alarms, etc as required

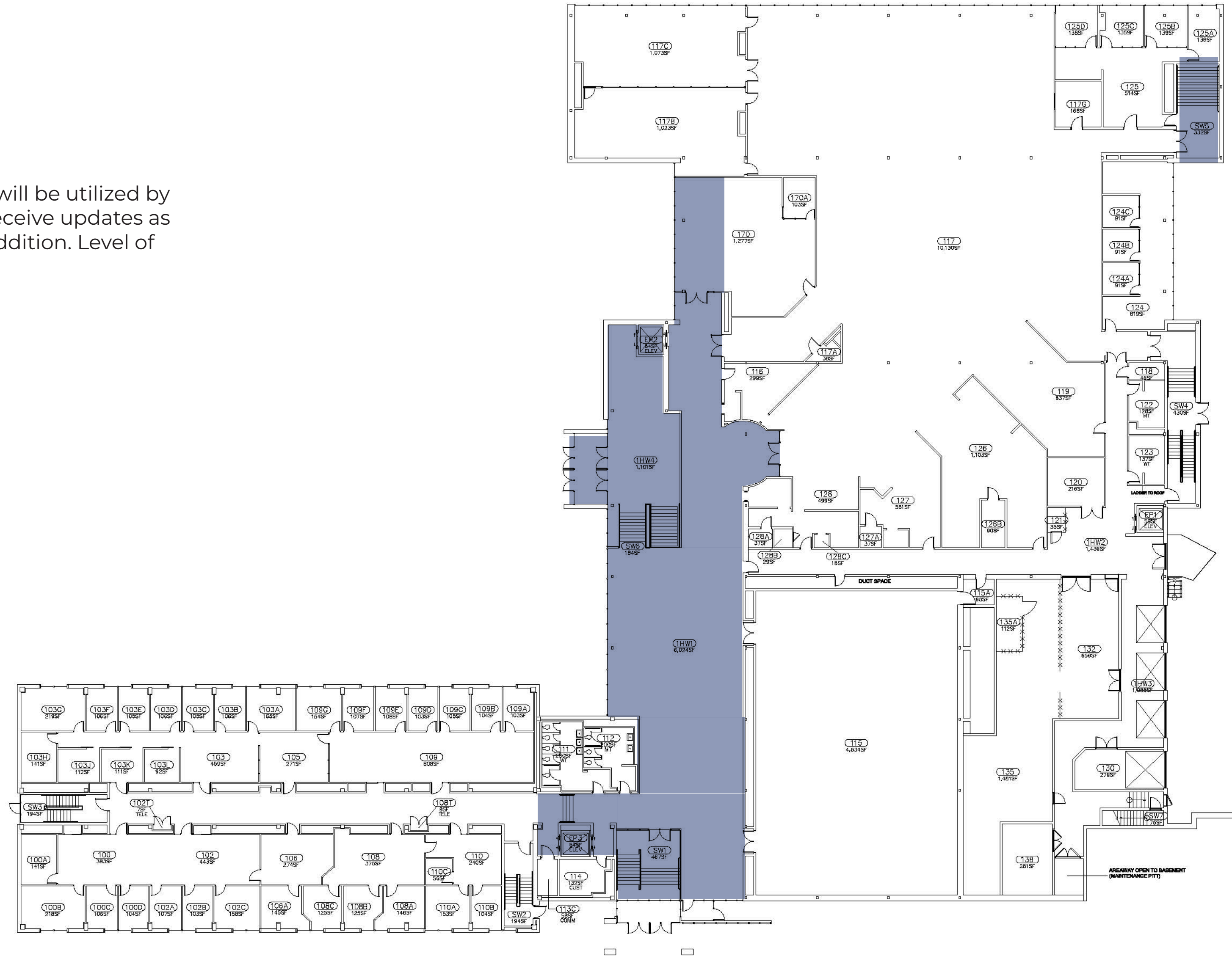


5.4 | EVALUATION | SITE 1 PRELIMINARY DESIGN

Shared Circulation

Existing First Floor Plan

Existing circulation routes which will be utilized by all functions in the building will receive updates as part of the potential renovation/addition. Level of renovation is to be determined.



5.4 | EVALUATION | SITE 1 PRELIMINARY DESIGN

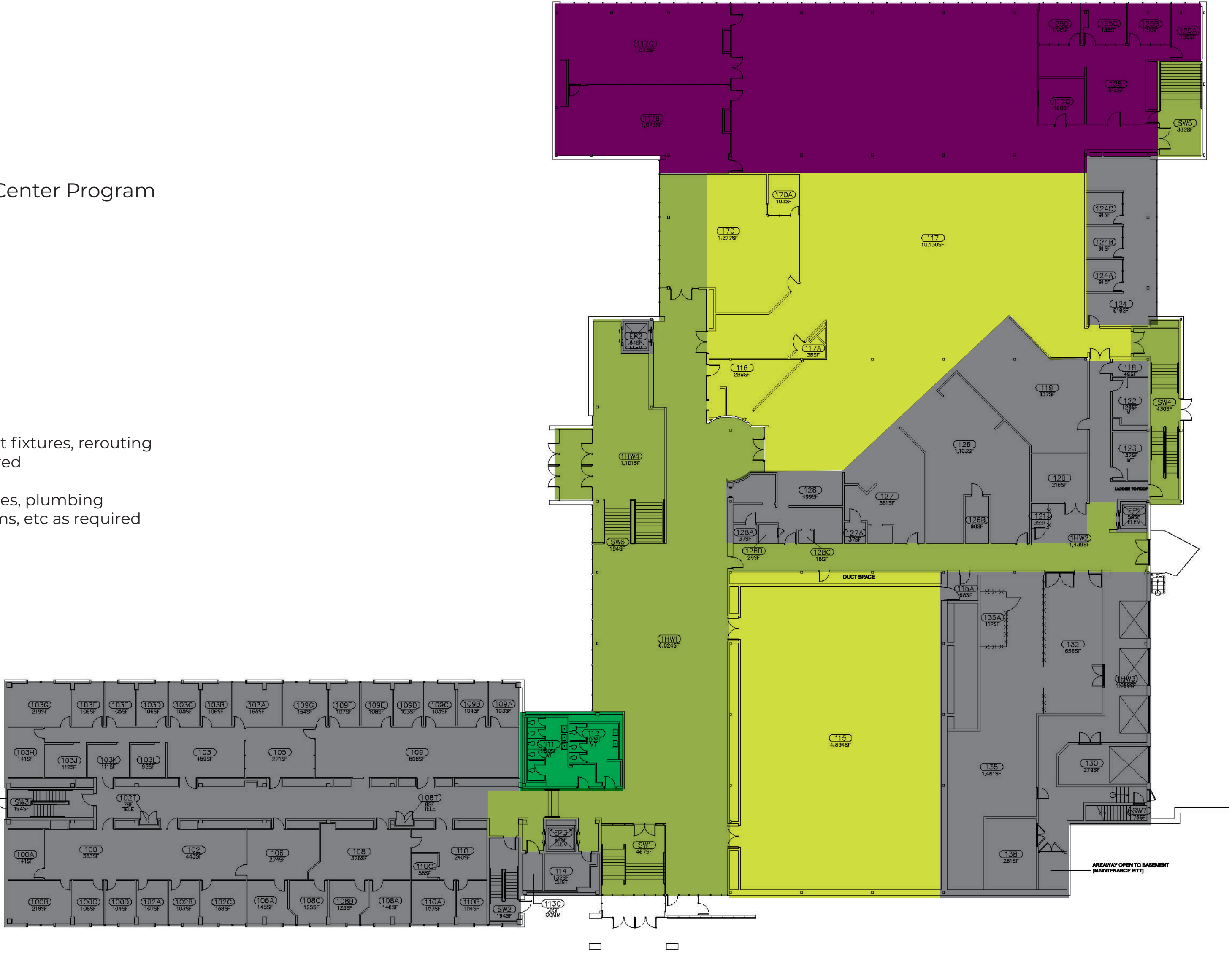
Tiers of Renovation

Existing First Floor Plan

- Included in the New Multicultural Center Program
- Existing to Remain As Is
- Paint and Ceilings Only *
- Paint, Ceilings and Flooring *
- Demo All and Replace with New **

* Assume all ceiling components such as light fixtures, rerouting MEP, fire alarms, AV equipment, etc as required

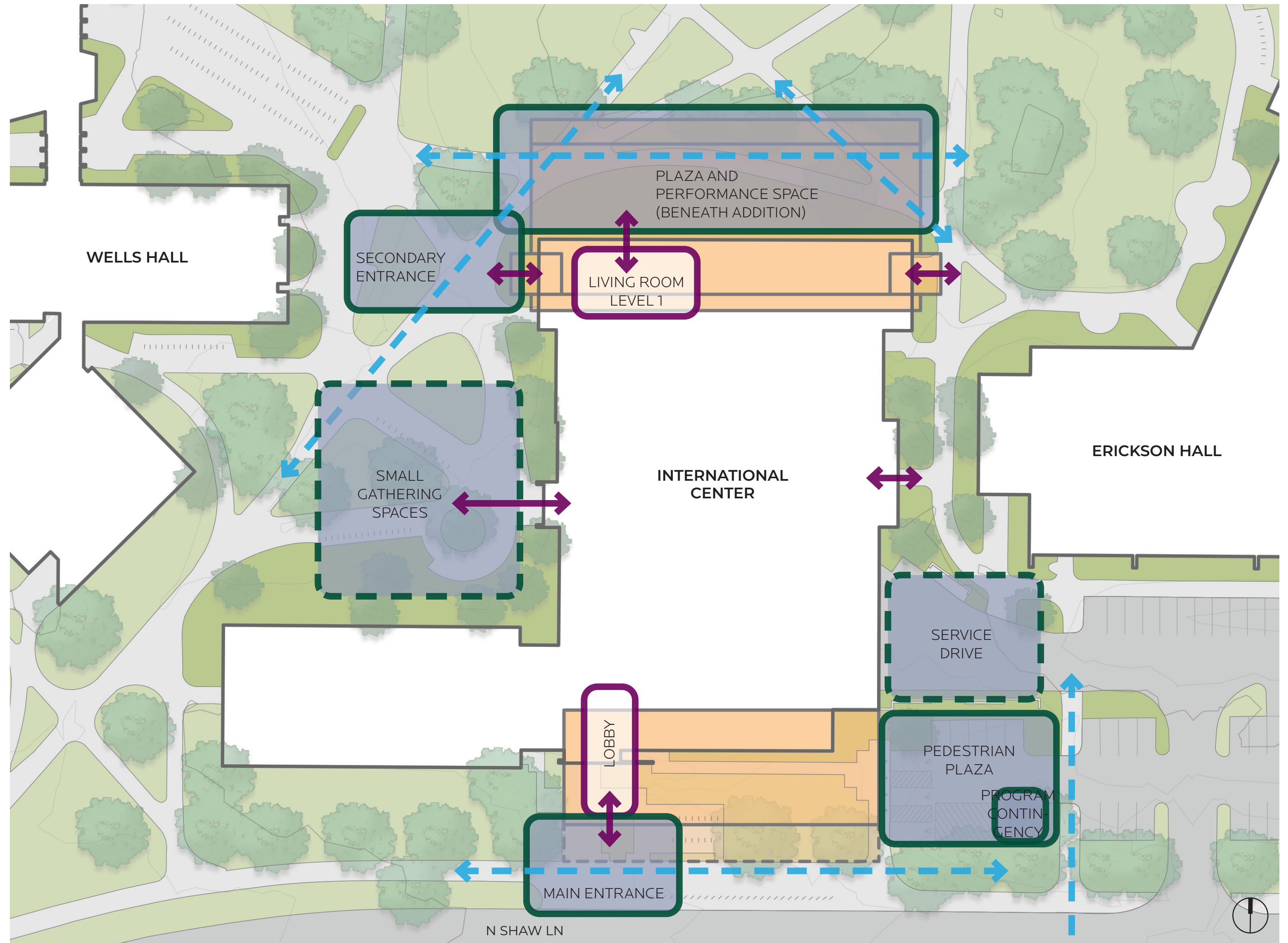
** Assume all finishes, furnishings, light fixtures, plumbing fixtures, equipment, rerouting MEP, fire alarms, etc as required



5.4 | EVALUATION | SITE 1 PRELIMINARY DESIGN

Site Design

At the site level, the Project Team looked at how the site programming and design could be related to what's happening inside the building. For the International Center, the proposed improvements were concentrated on the south and north side where the building additions would be constructed as the area already boasts public amenities and landscape elements for current users.



5.4 | EVALUATION | SITE 1 PRELIMINARY DESIGN

Site Design



PLAZA BENEATH ADDITION
performance space

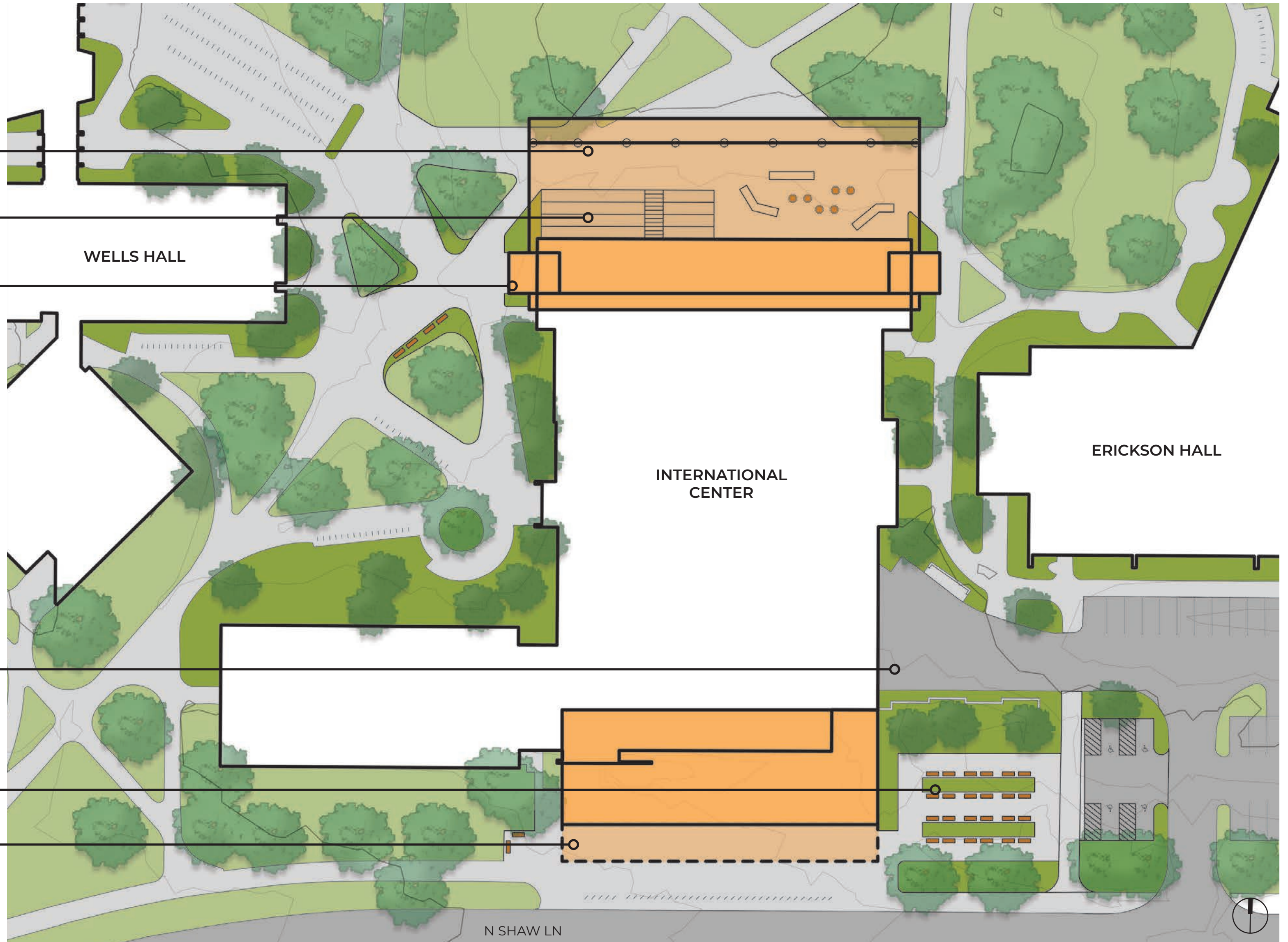
SEAT STEPS CONNECTING TO L1
amphitheater seating

SECONDARY ENTRANCE
main entrance from park

SERVICE DRIVE

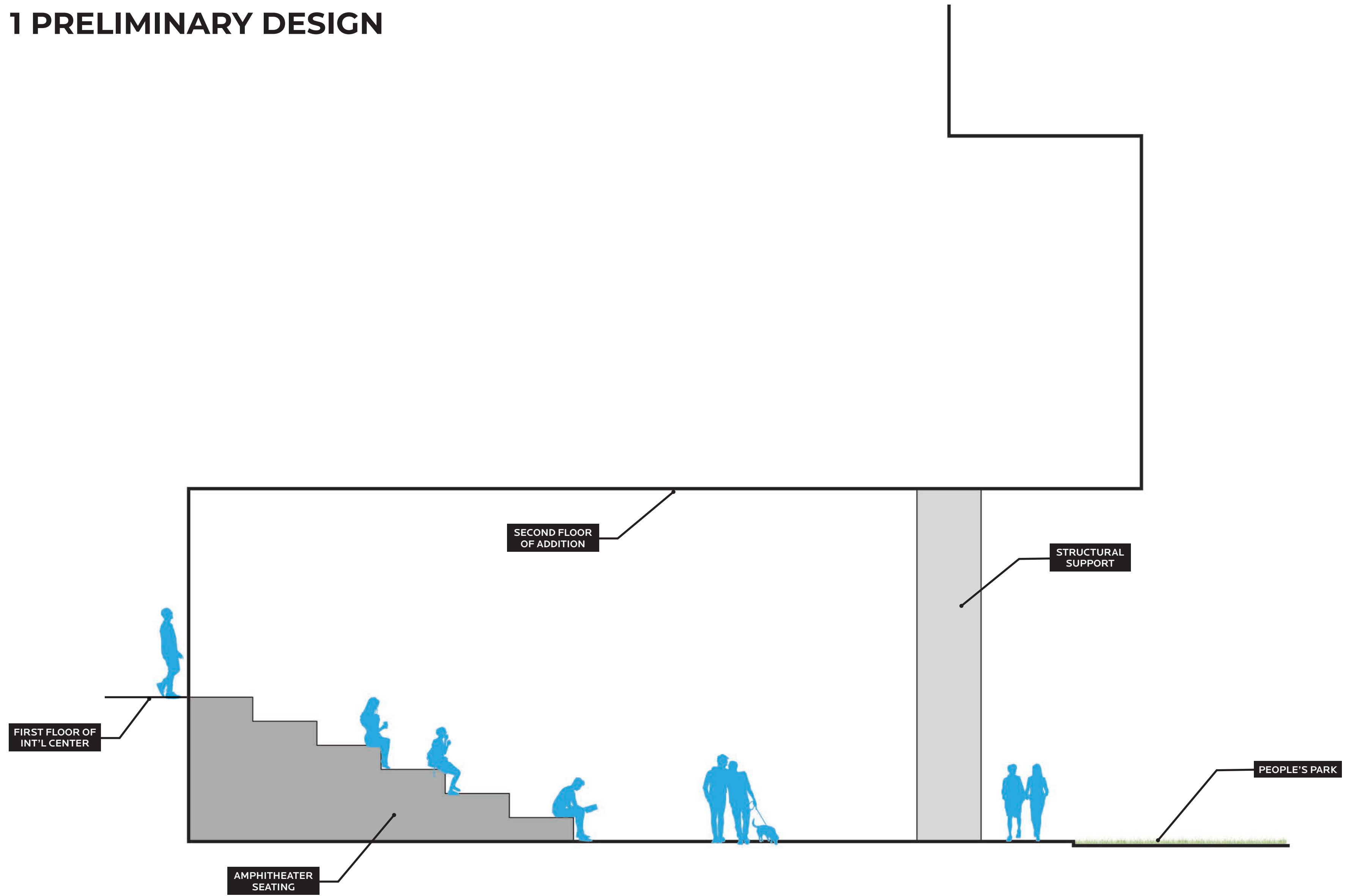
PEDESTRIAN PLAZA
with space for program contingency

MAIN ENTRANCE



5.4 | EVALUATION | SITE 1 PRELIMINARY DESIGN

Section Diagram



5.5 | EVALUATION | SITE 2A PRELIMINARY DESIGN

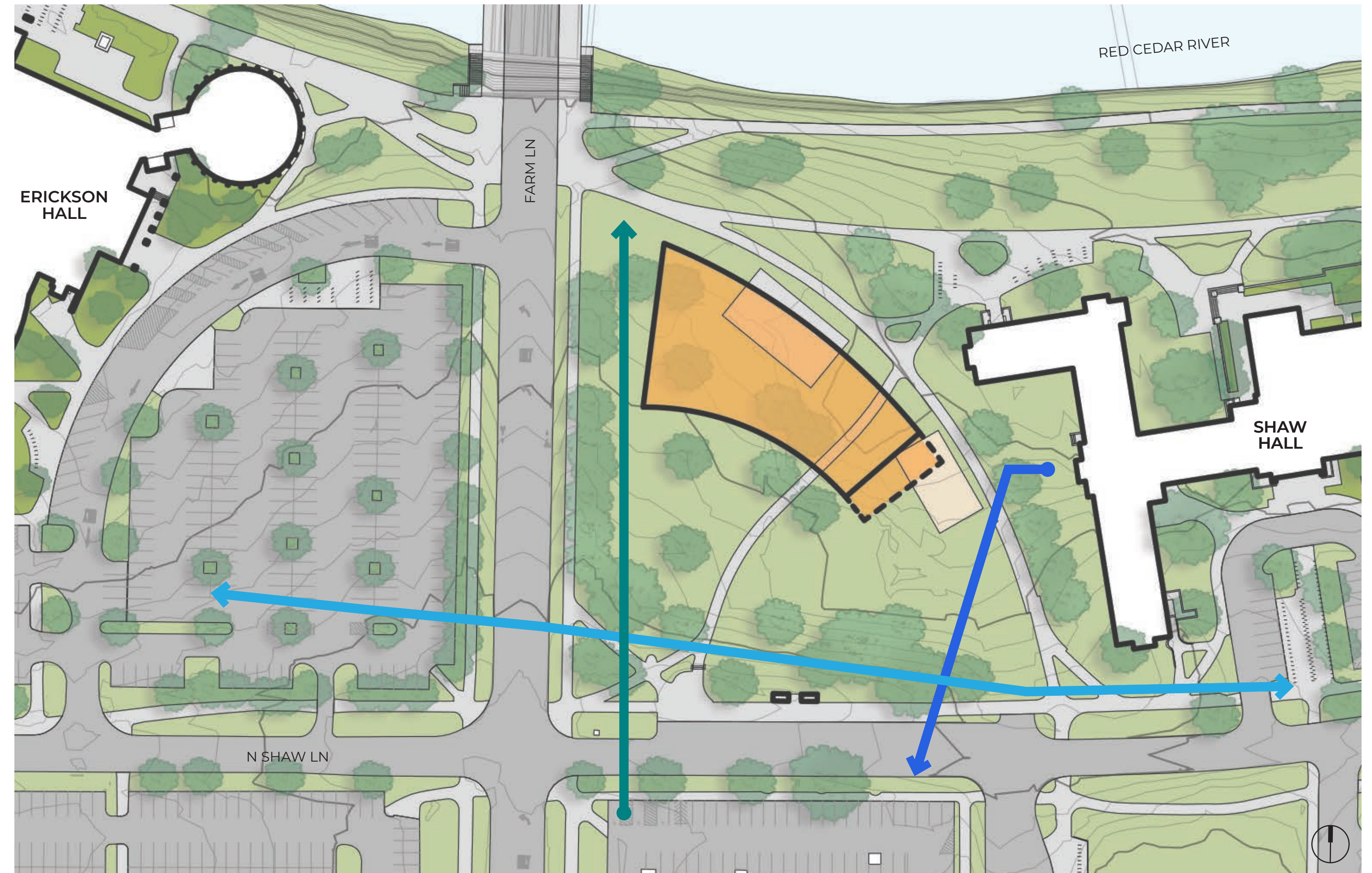
Site 2A: The Arc

Based on the size and location of Site 2 as well as the sloping topography, two building options were investigated as part of the feasibility study.

The first design, known as Site 2A: The Arc, tests the idea of a new stand-alone building that is pushed to the northern edge of the site. Its focus is on minimizing site disturbance through a compact building footprint as well as placing the building on the flattest part of the site near the River Walk.

The resulting footprint gives the new building significant height and presence for those who are walking along the water or crossing the bridge. It places the main entry at the center of the site with an event space on the top floor which overlooks the water and campus.

The compact footprint also provides an efficient layout allowing a larger outdoor activity space opened at the southwest area of the site. This space can be utilized as an outdoor stage for performances, demonstrations, and gatherings with the new Multicultural Center serving as a backdrop to these events. The metaphoric concept of this building connecting to the water connotes cultural ties to international ideas of overcoming.



5.5 | EVALUATION | SITE 2A PRELIMINARY DESIGN

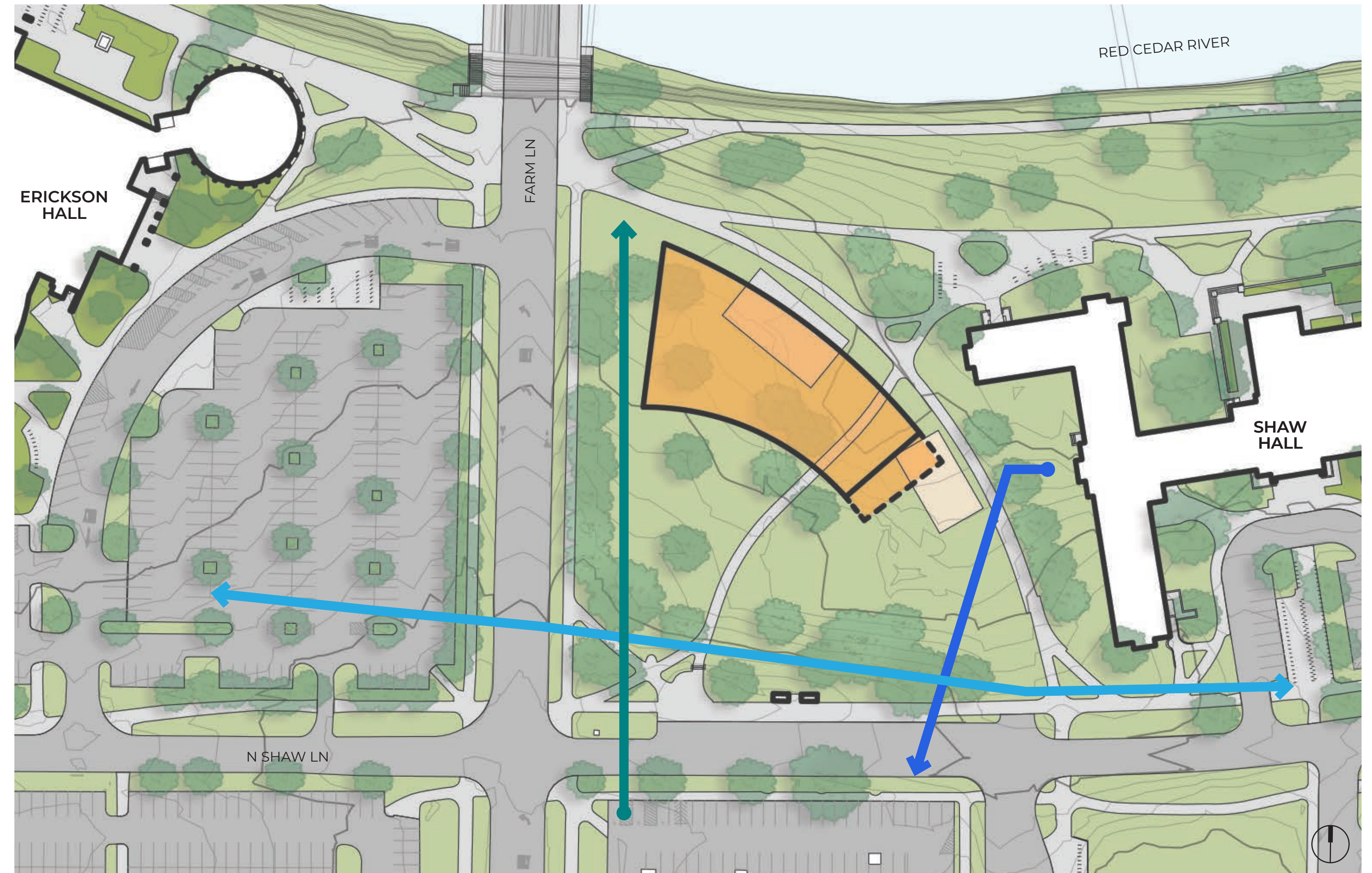
Building Placement

OPPORTUNITIES

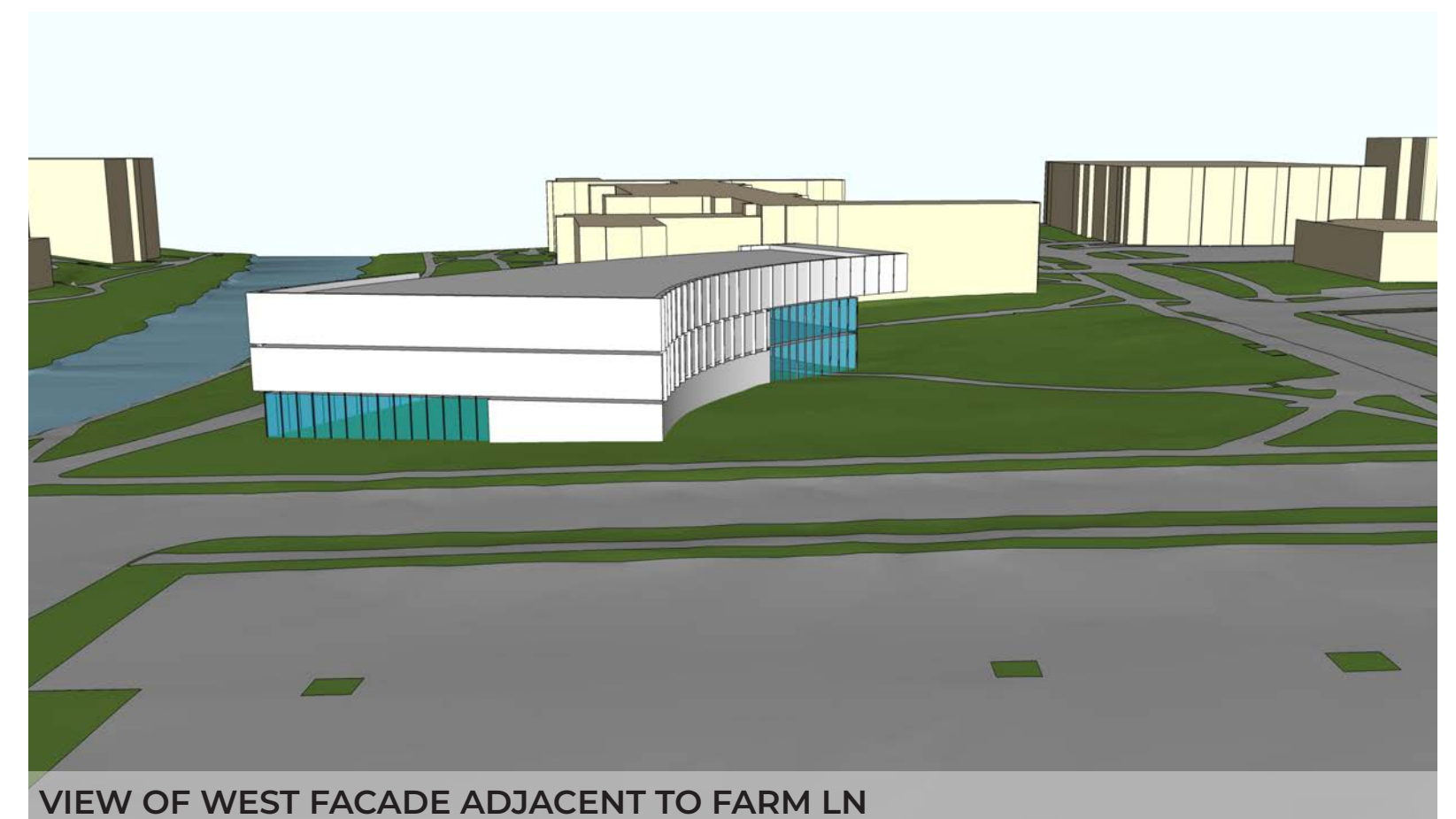
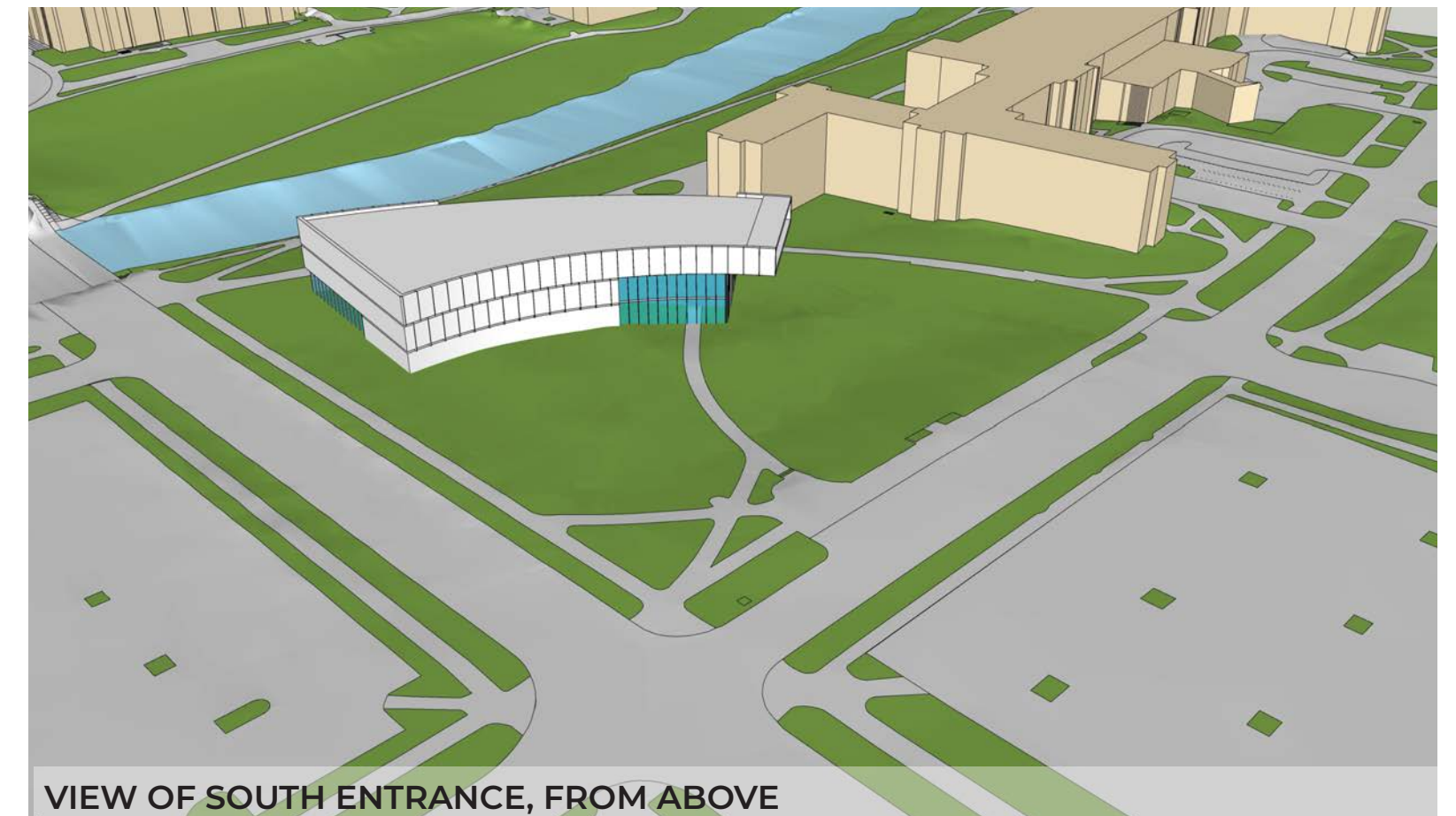
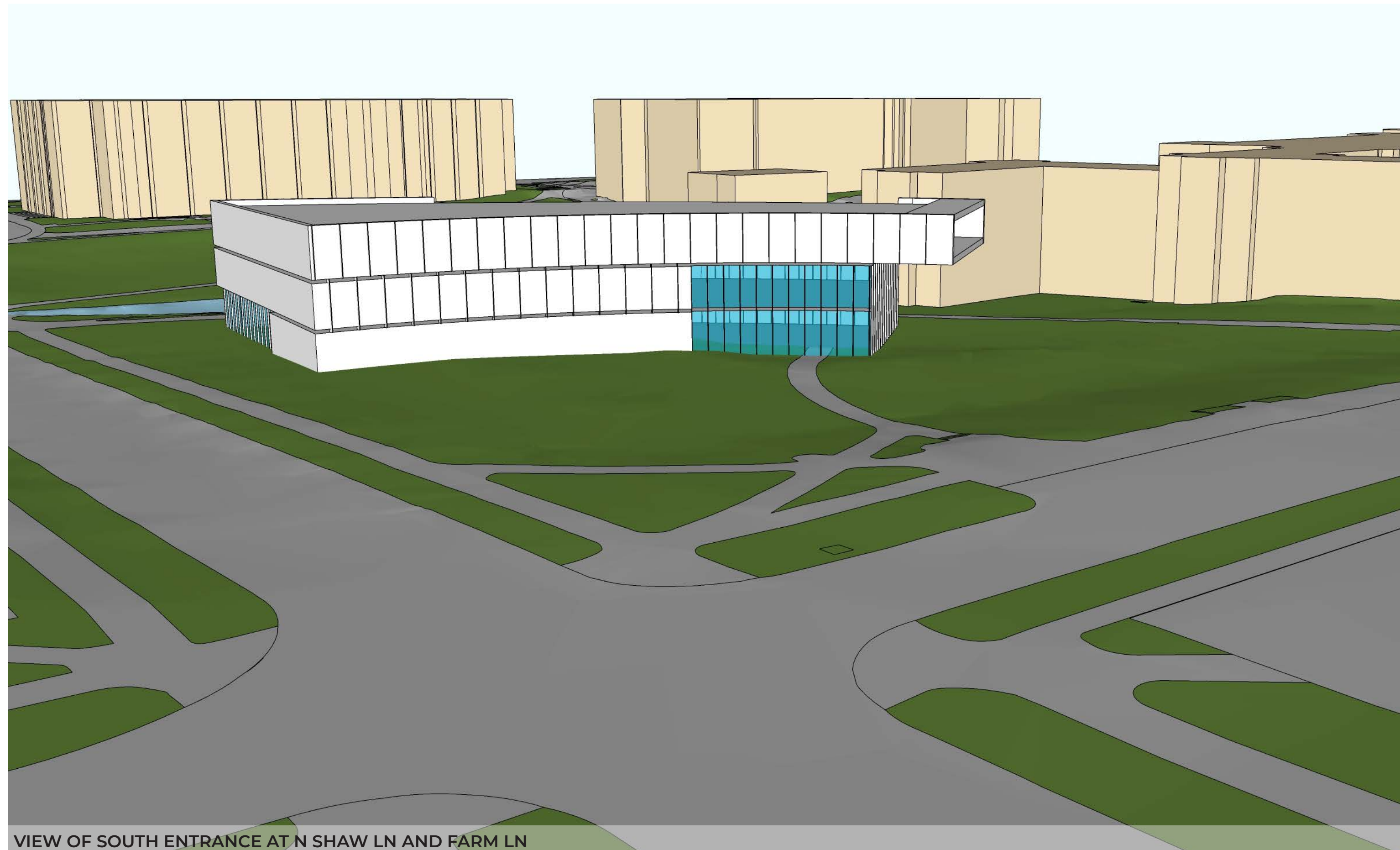
- Establishes prominence of MCC program at approach from the North and along River Trail
- Maximizes overall efficiency of open site area
- Creates opportunity for iconic outdoor plaza and connection to future open space at southwest
- Maximizes opportunity for views of and connection to river corridor
- Provides opportunity for significant expansion in future
- Building depth is efficient for overall square footage
- Positions the program adjacent to transit center
- Creates opportunity to relocate The Rock to improve its accessibility

CONSTRAINTS

- Lacks prominence at intersection of N. Shaw Lane and Farm Lane
- Requires three story massing to accommodate all program
- Building depth limits efficiency of large program items
- Displaces currently located outdoor student activity spaces
- Requires more utility work than Option 2B

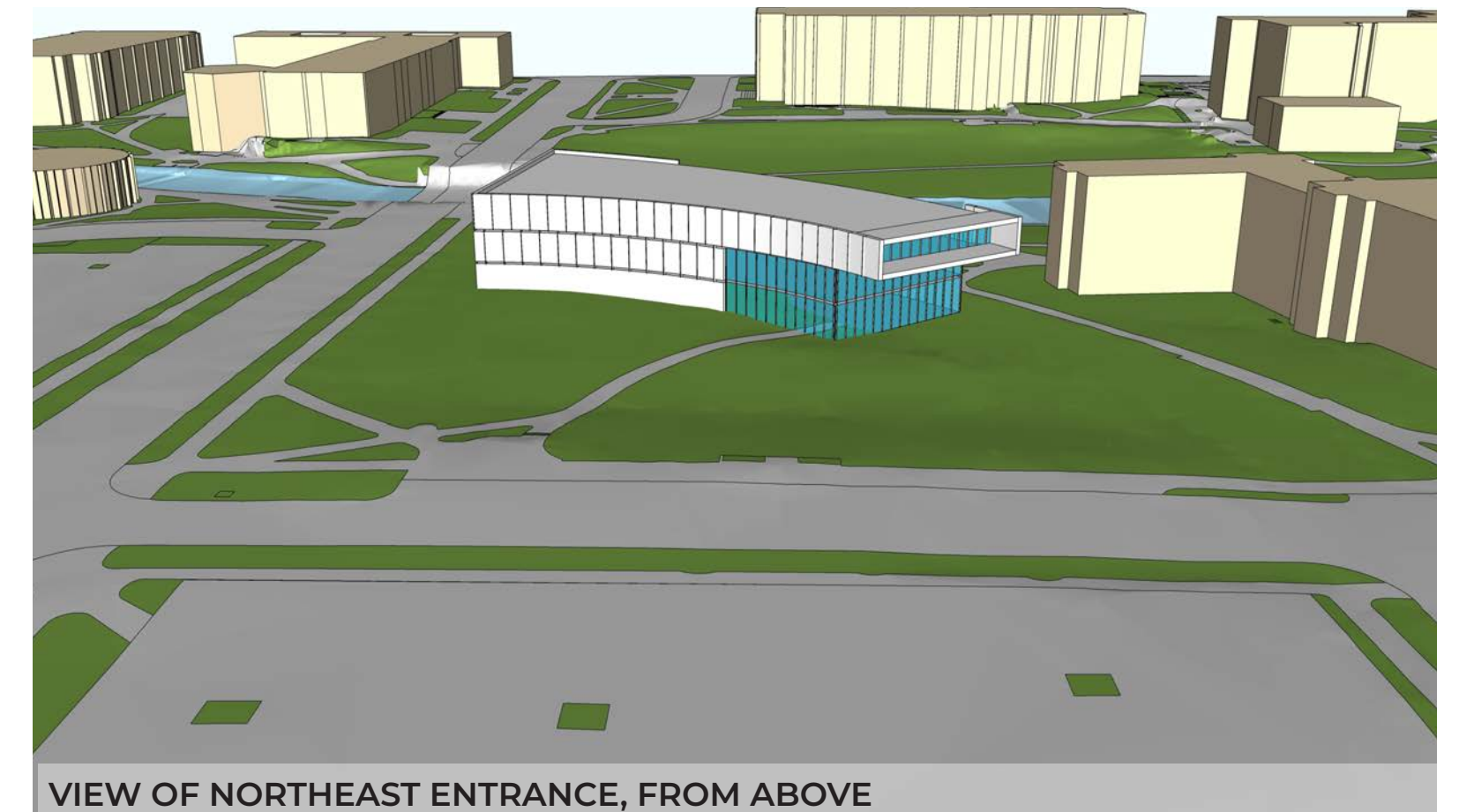
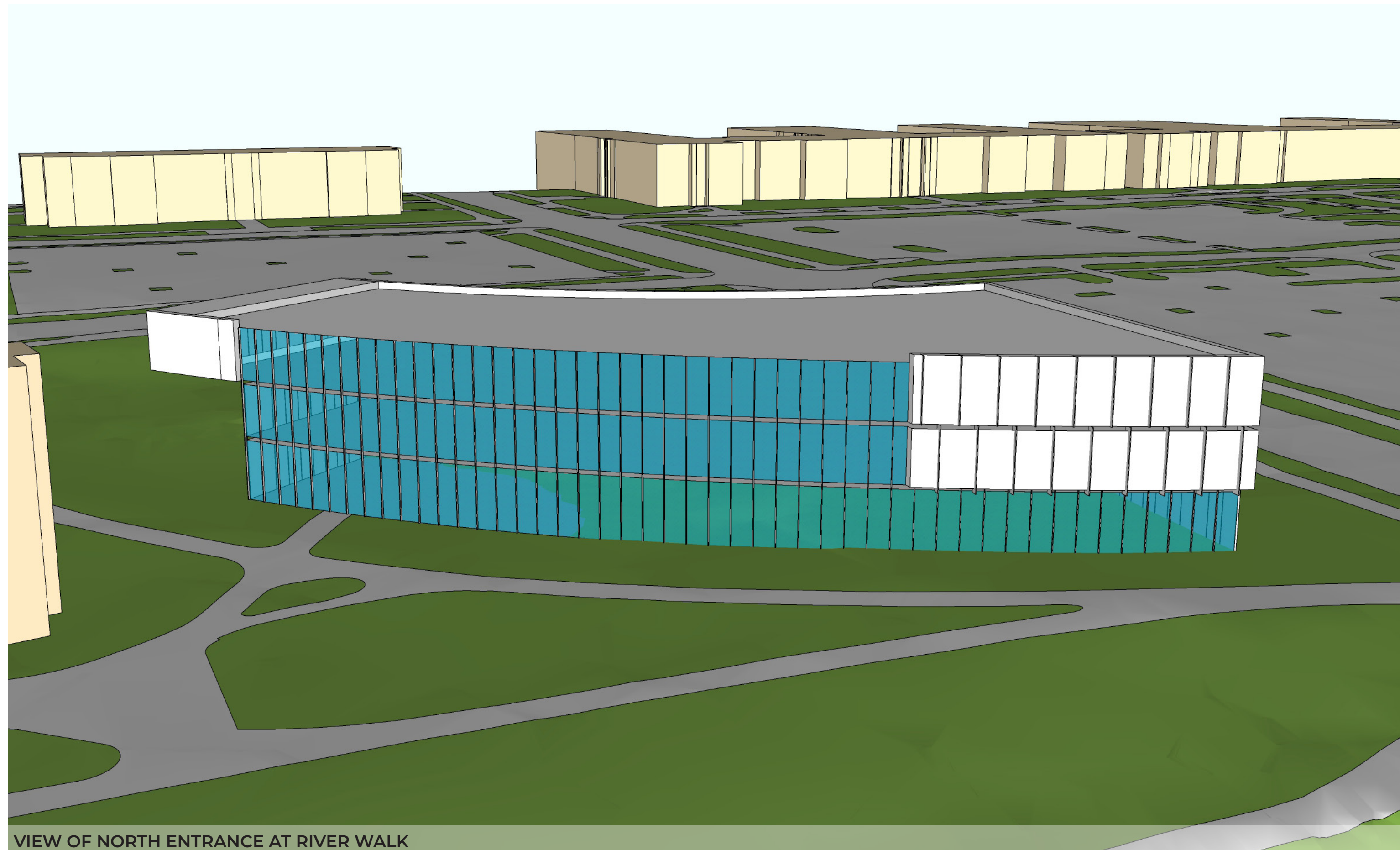


Massing Diagrams



5.5 | EVALUATION | SITE 2A PRELIMINARY DESIGN

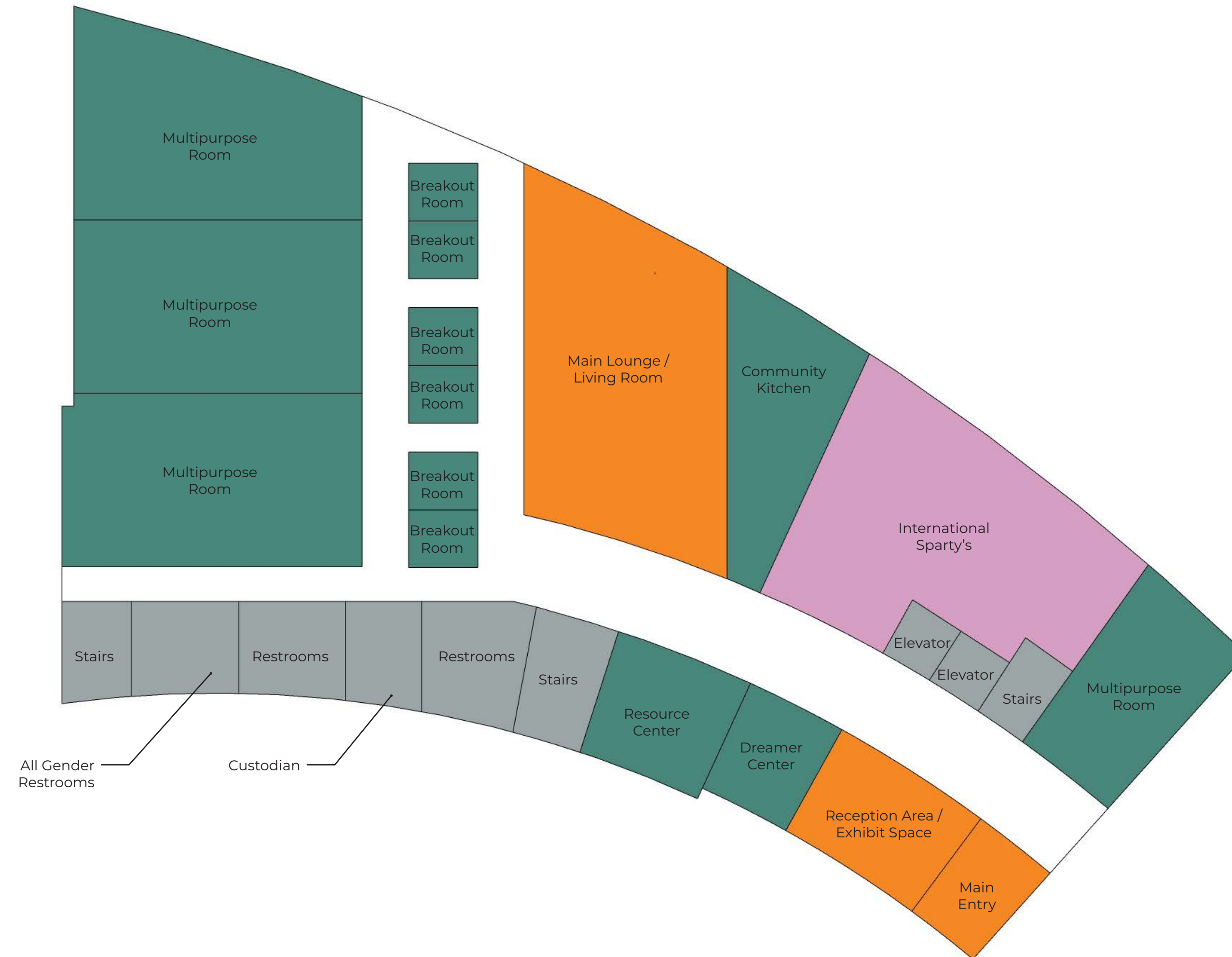
Massing Diagrams



5.5 | EVALUATION | SITE 2A PRELIMINARY DESIGN

First Floor Plan

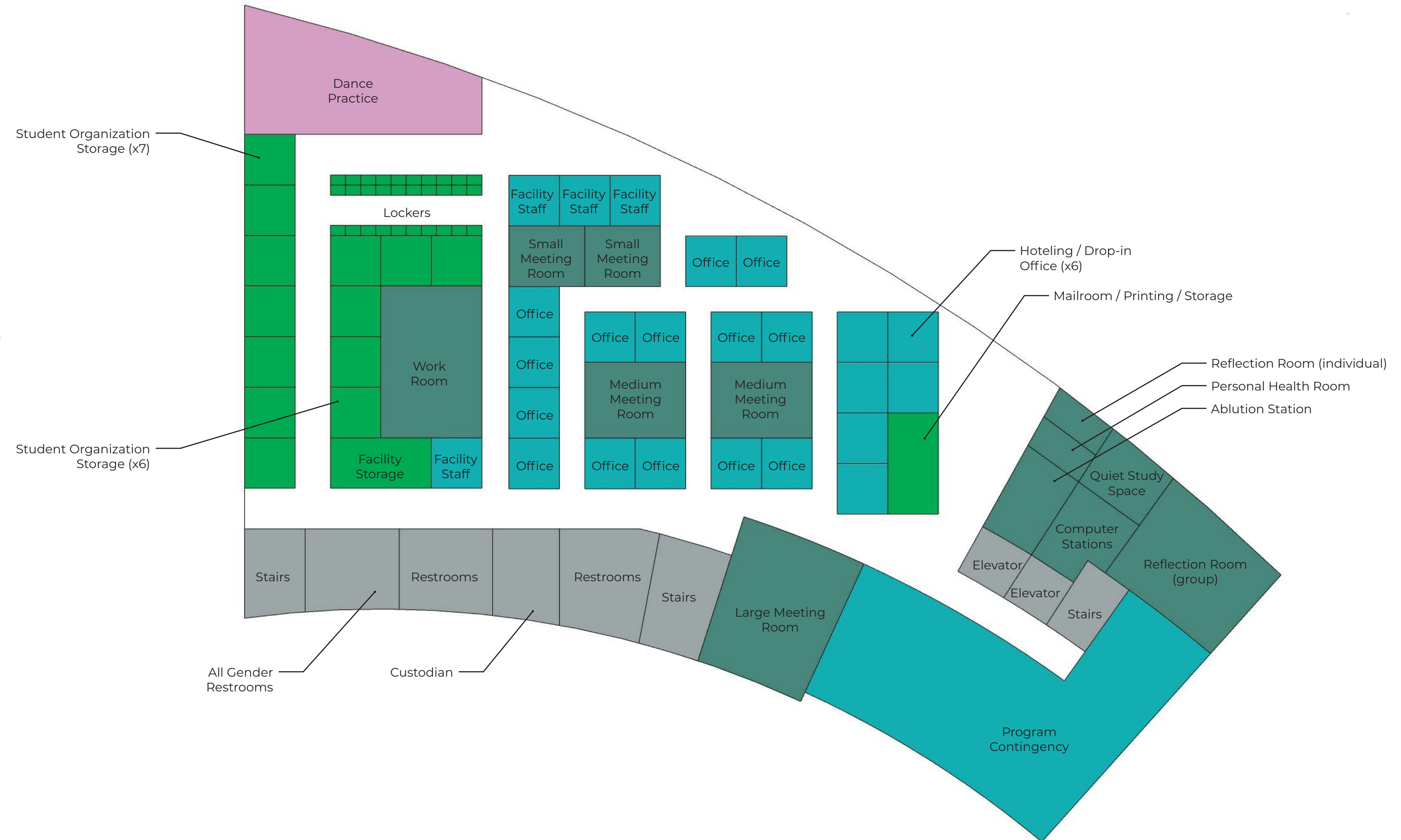
- DEDICATED SPACES
- SHARED SPACES
- SUPPORT SPACES
- COMMON AREAS
- CORE (RESTROOMS, MECH, IT, ETC.)
- CONTINGENCY SPACES



5.5 | EVALUATION | SITE 2A PRELIMINARY DESIGN

Second Floor Plan

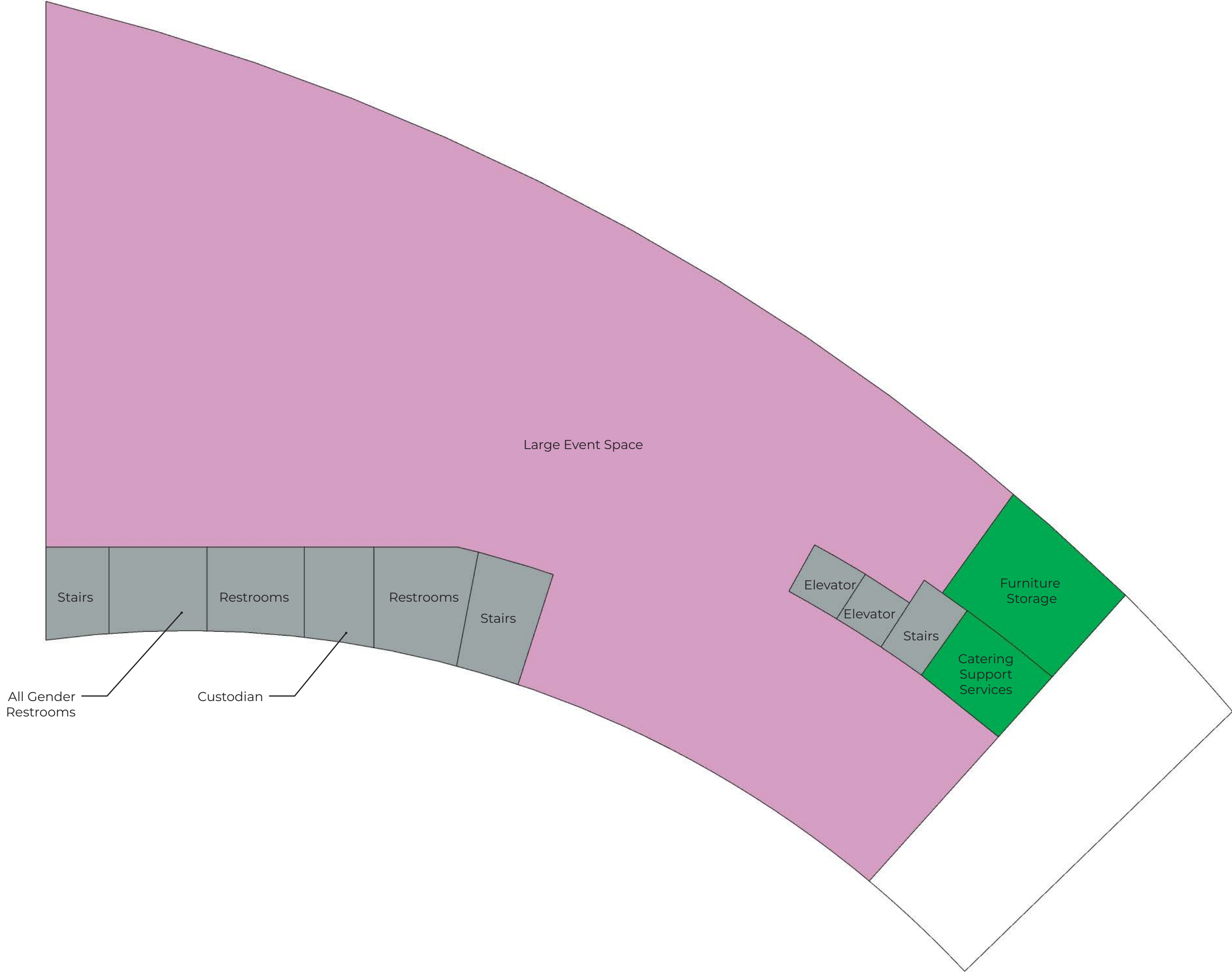
- DEDICATED SPACES
- SHARED SPACES
- SUPPORT SPACES
- COMMON AREAS
- CORE (RESTROOMS, MECH, IT, ETC.)
- CONTINGENCY SPACES



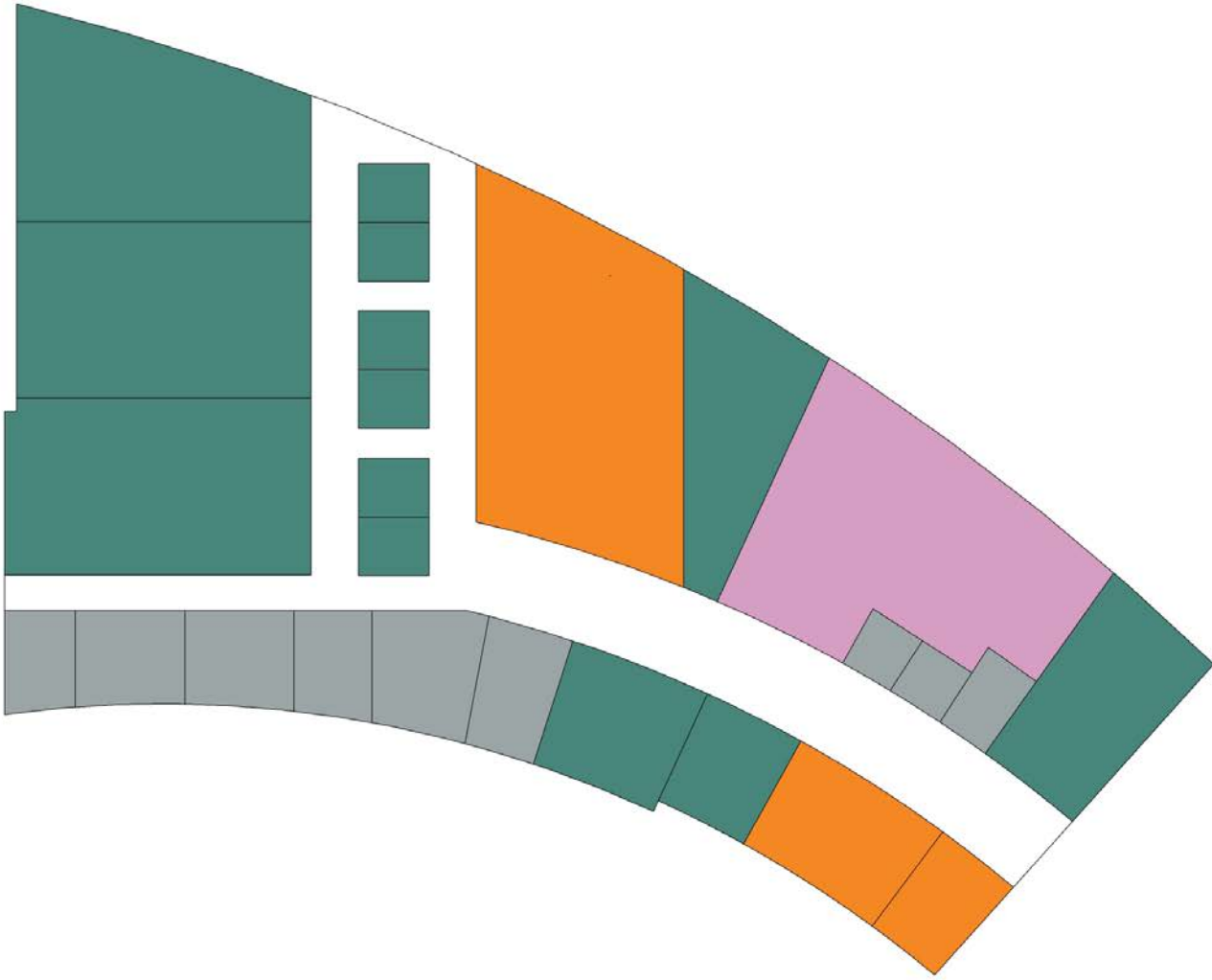
5.5 | EVALUATION | **SITE 2A PRELIMINARY DESIGN**

Third Floor Plan

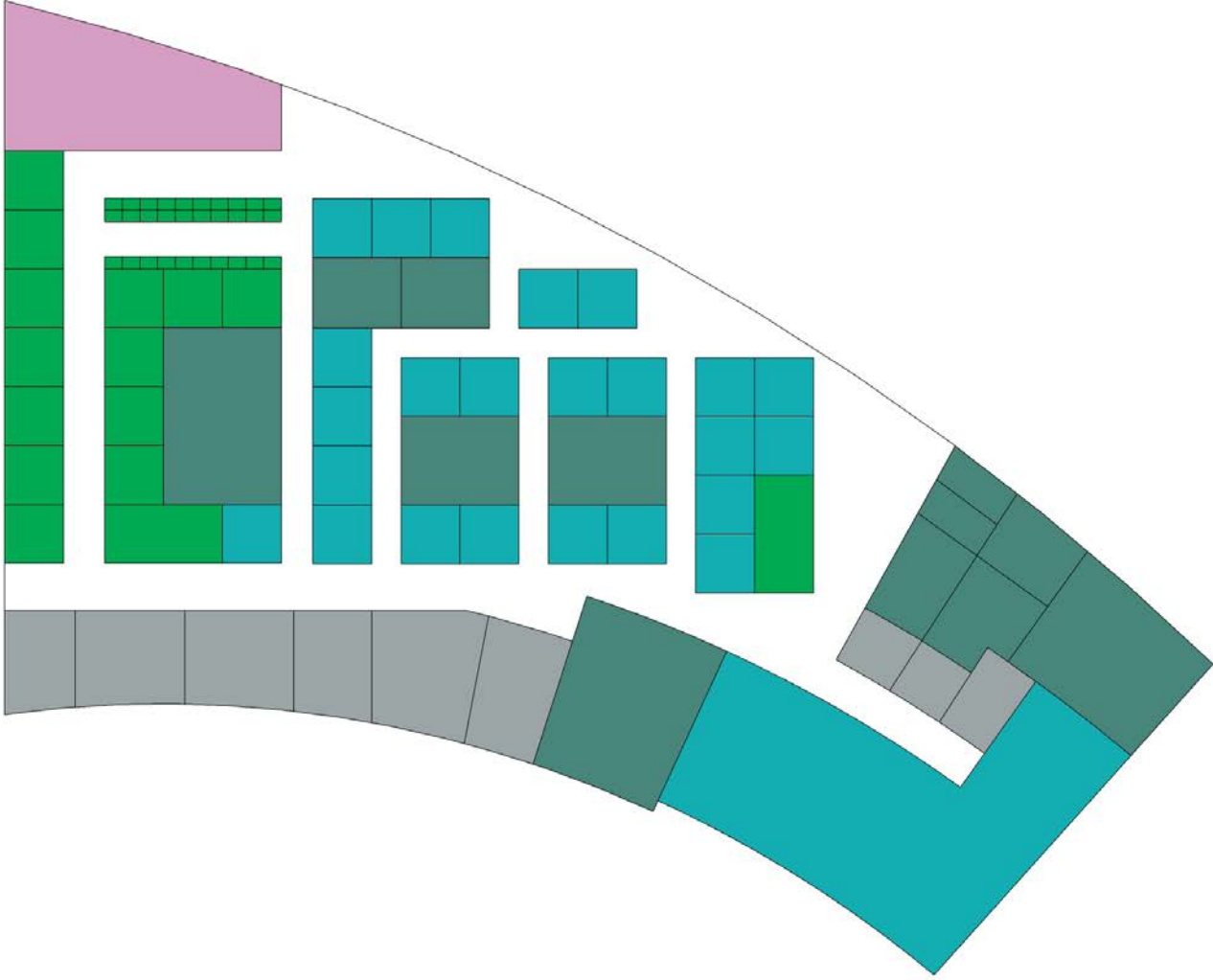
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- SHARED SPACES
- SUPPORT SPACES
- COMMON AREAS
- CORE (RESTROOMS, MECH, IT, ETC.)
- CONTINGENCY SPACES



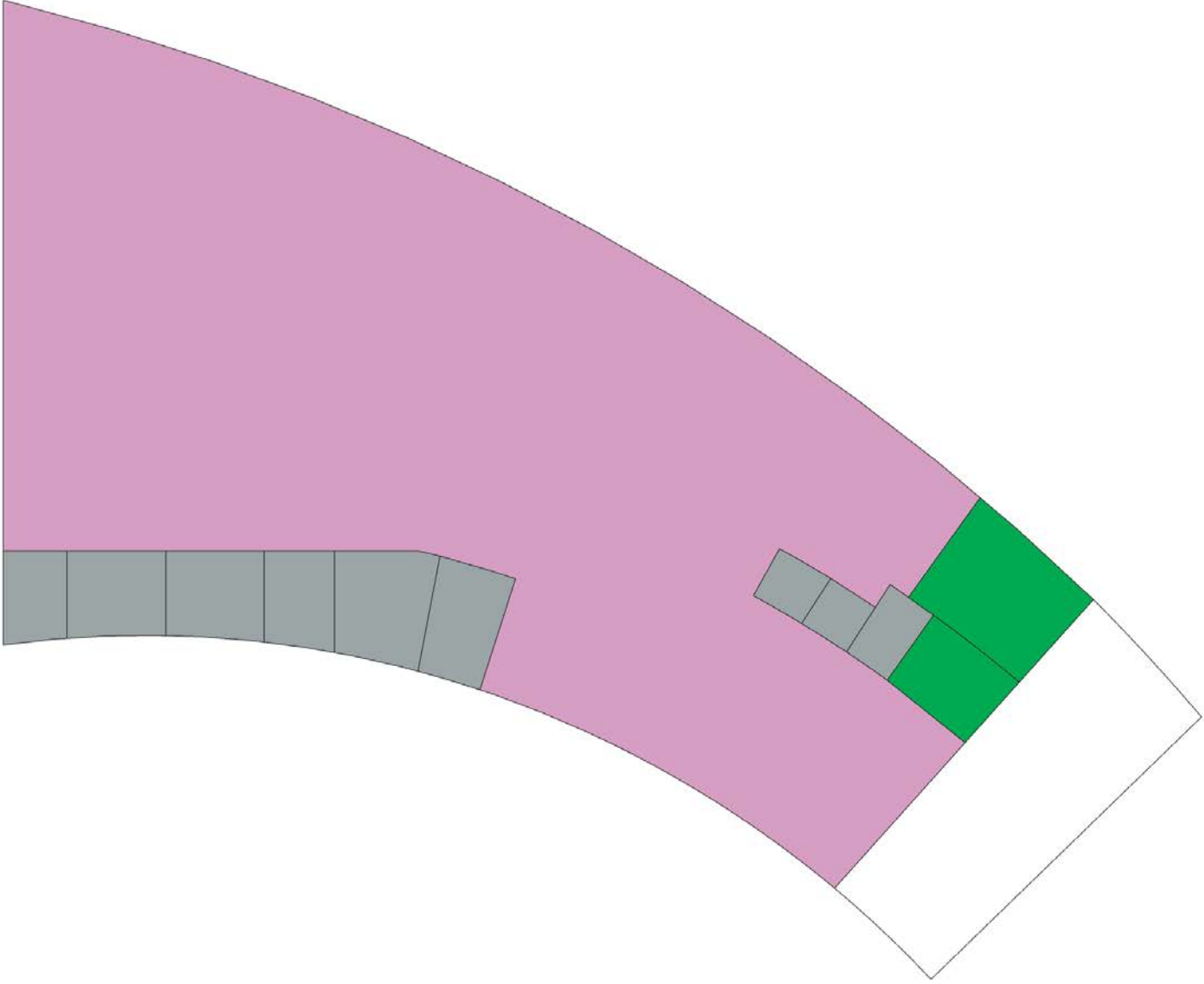
5.5 | EVALUATION | **SITE 2A PRELIMINARY DESIGN**



First Floor Plan



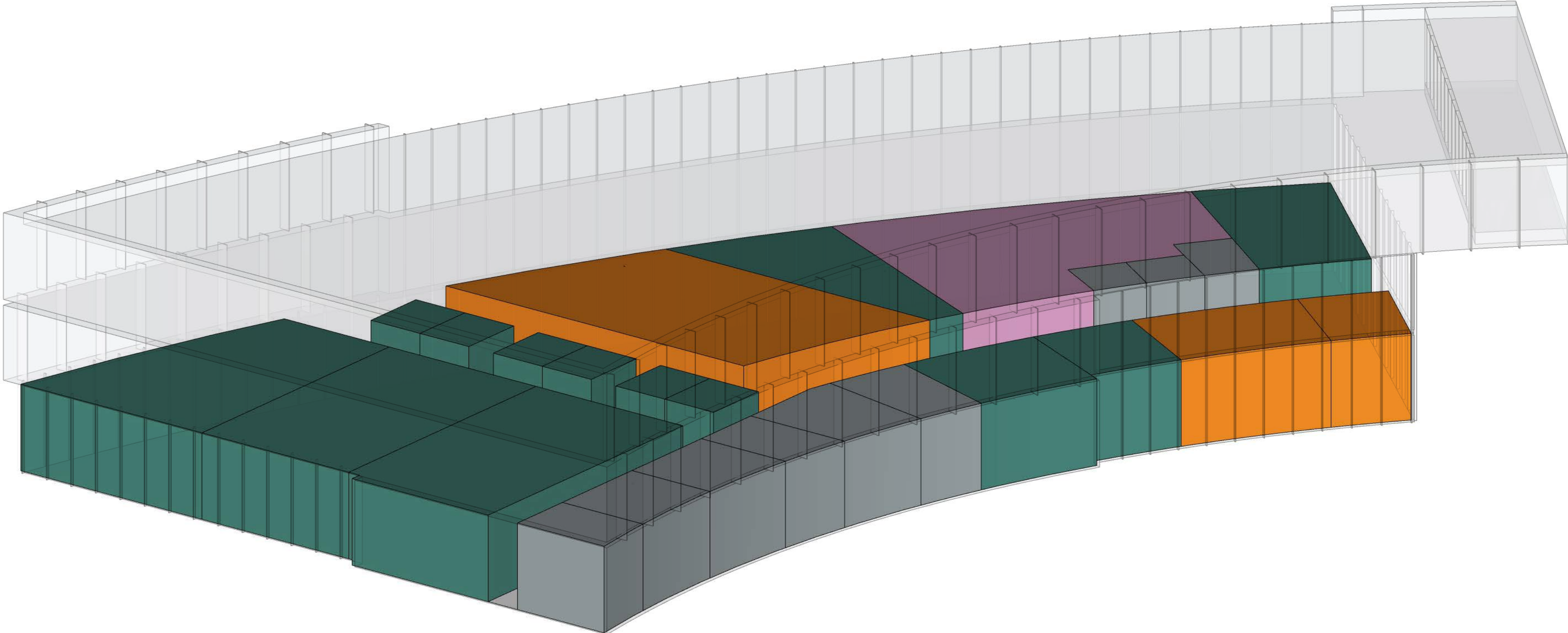
Second Floor Plan



Third Floor Plan

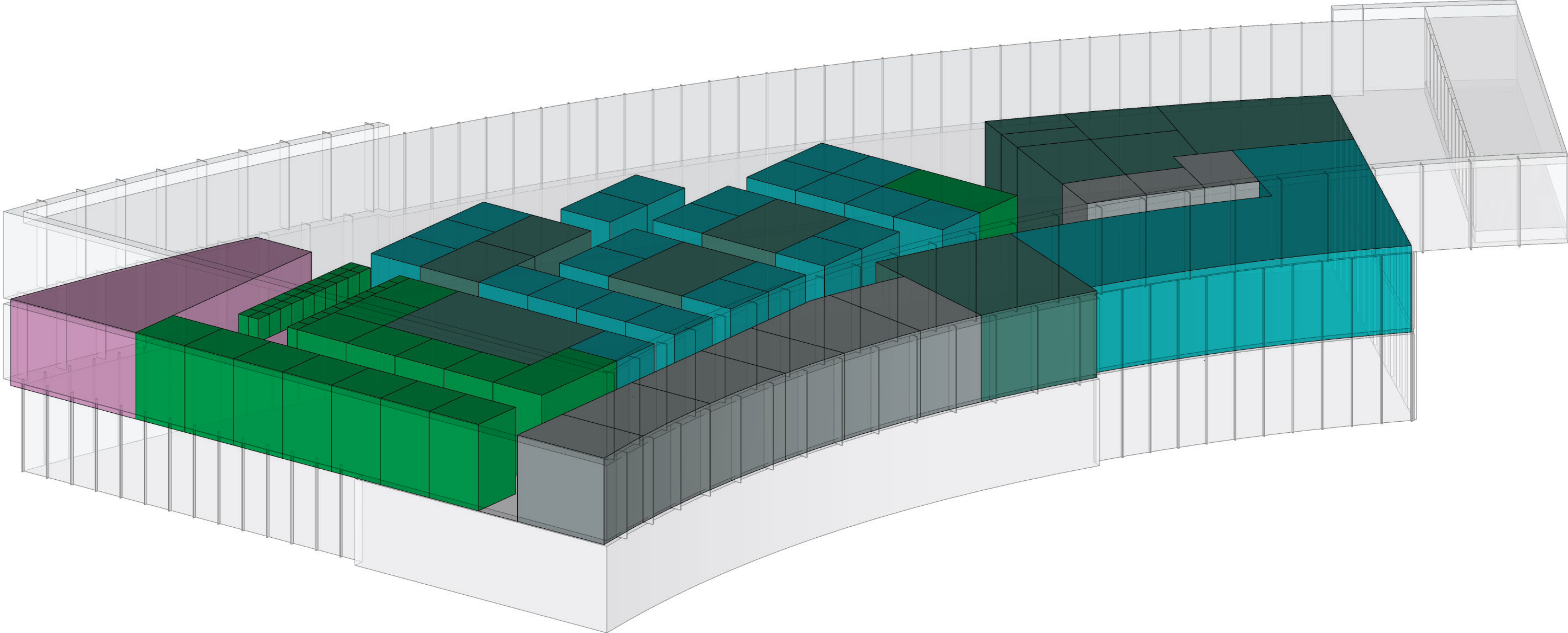
5.5 | EVALUATION | **SITE 2A PRELIMINARY DESIGN**

First Floor Perspective

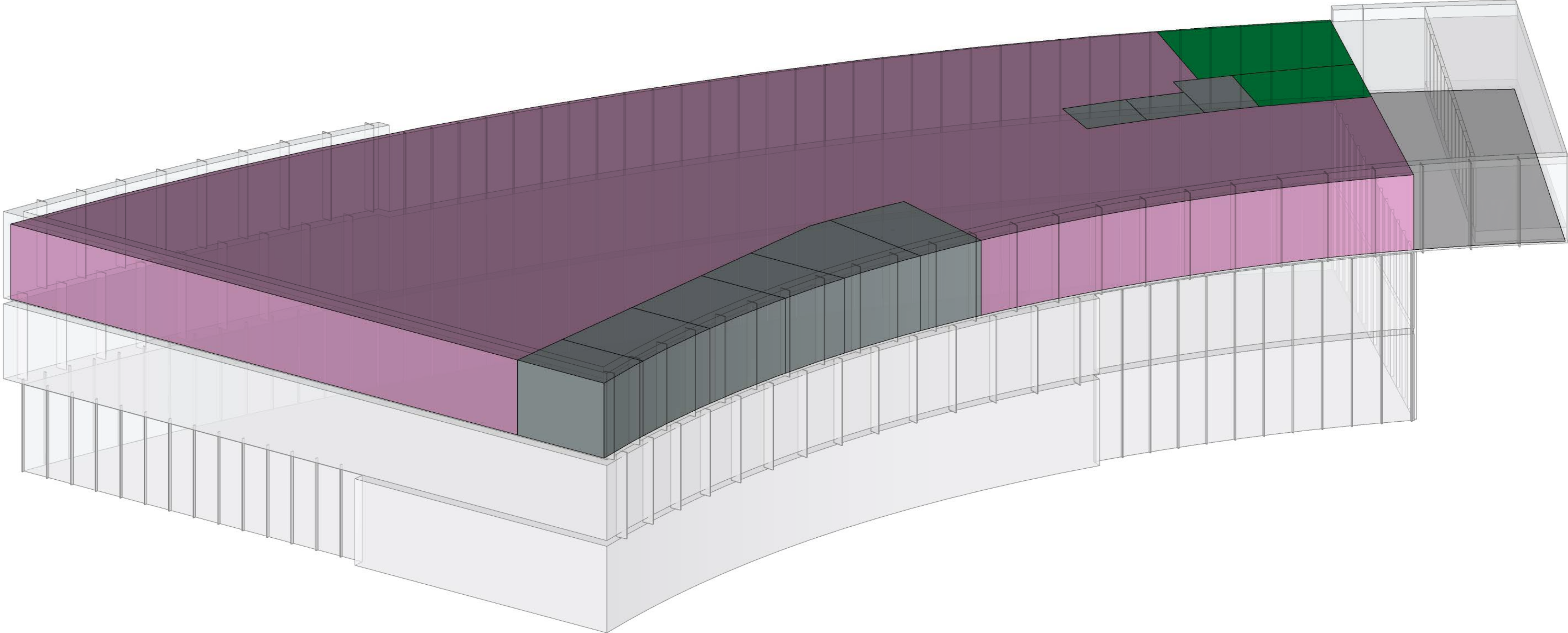


5.5 | EVALUATION | **SITE 2A PRELIMINARY DESIGN**

Second Floor Perspective



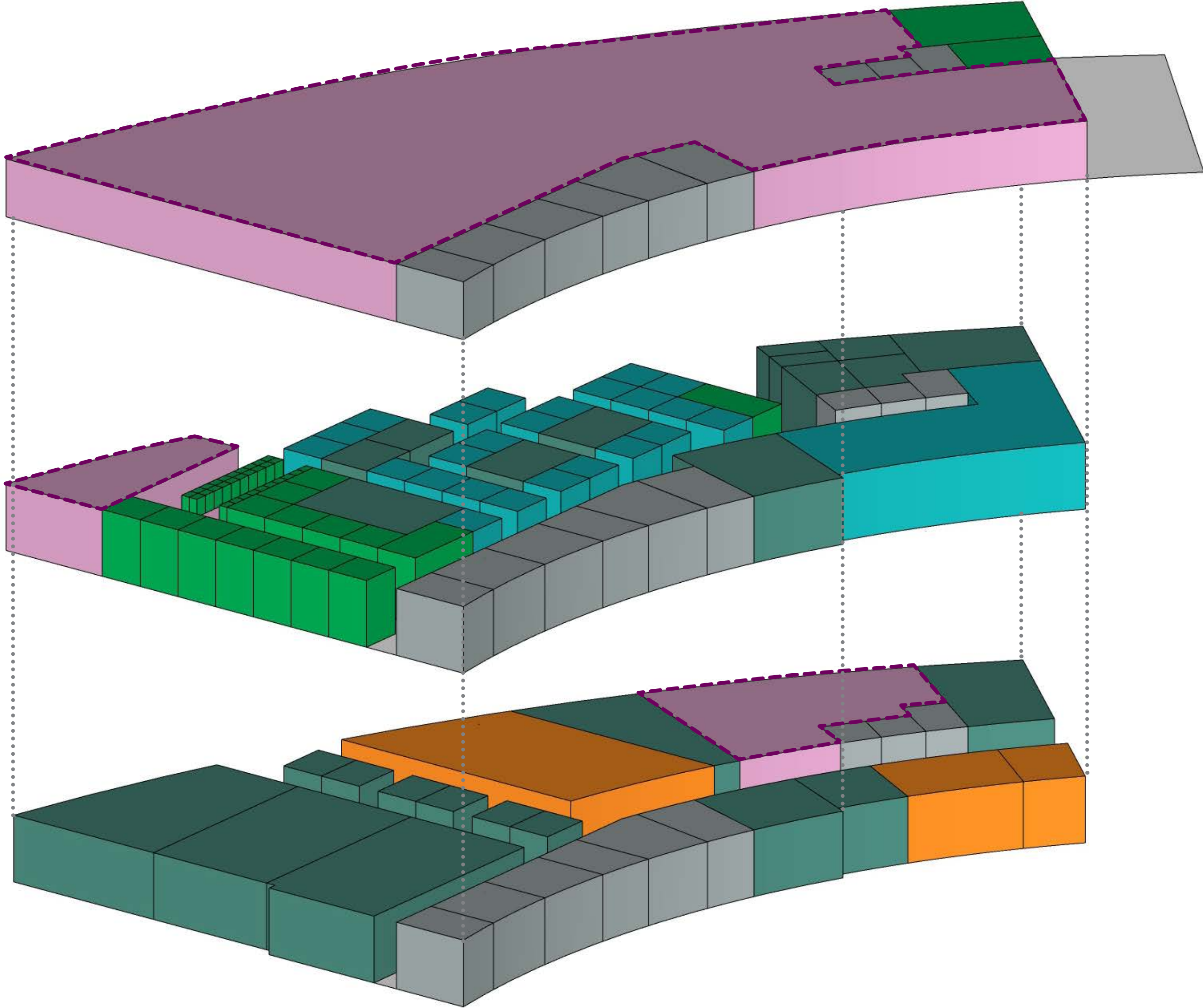
Third Floor Perspective



5.5 | EVALUATION | **SITE 2A PRELIMINARY DESIGN**

Isometric View

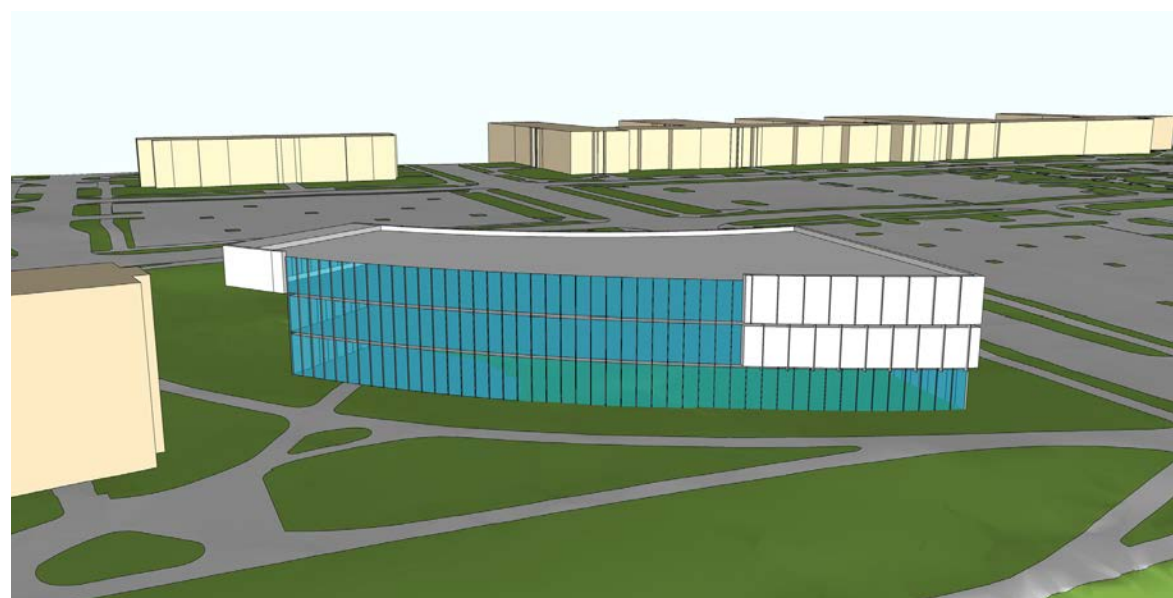
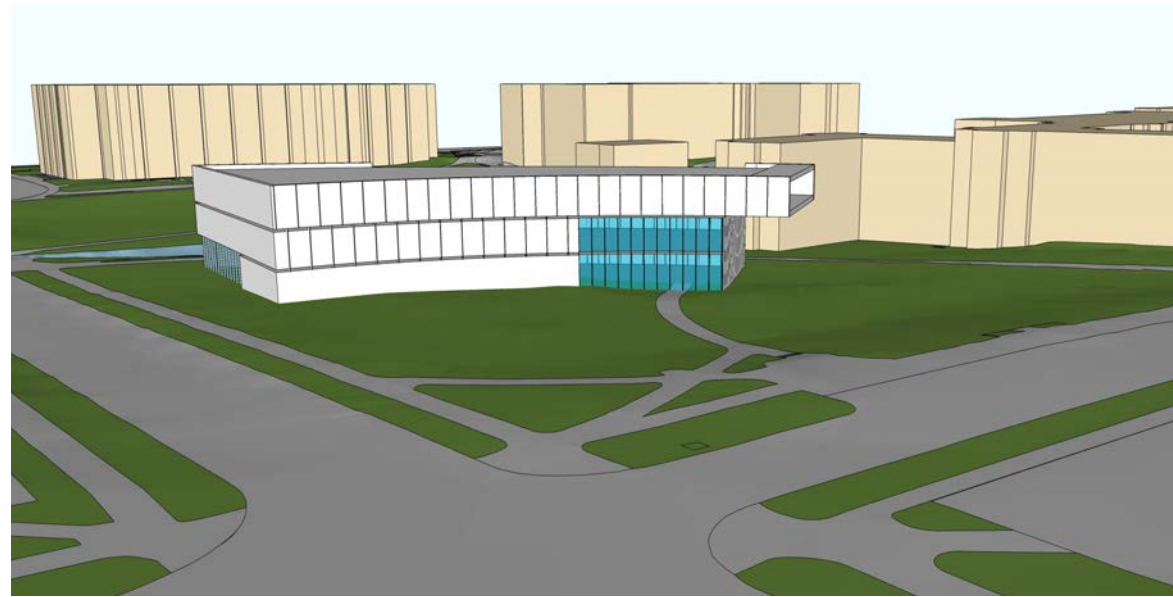
- DEDICATED SPACES
- SHARED SPACES
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- CORE (RESTROOMS, MECH, IT, ETC.)
- CONTINGENCY SPACES



5.5 | EVALUATION | SITE 2A PRELIMINARY DESIGN

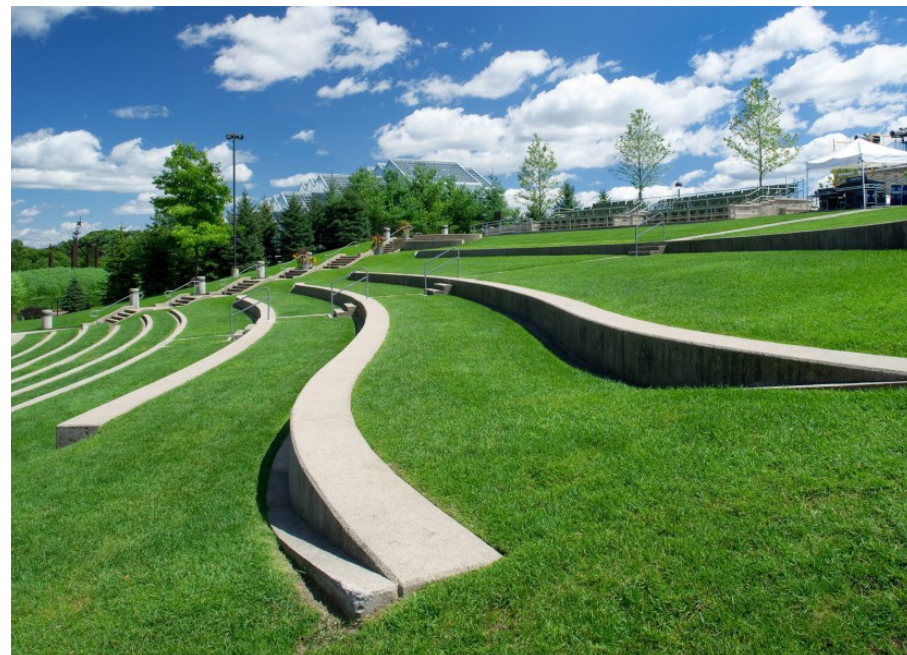
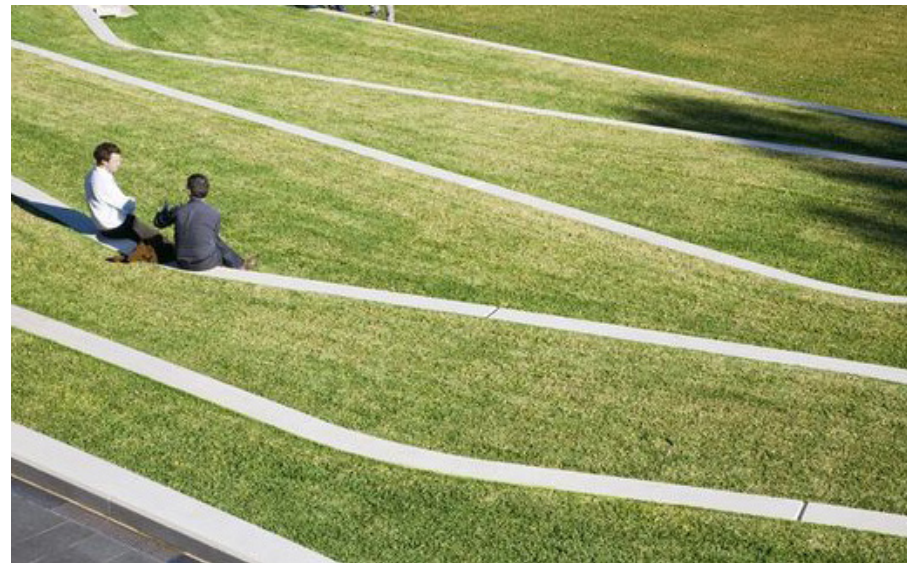
Site Design

With the building placed on the northernmost section of the site, the site programming for this design option focused on leveraging the large amount of open space as well as the sloping topography that occurs from the corner of N Shaw Ln and Farm Ln down to the main entrance of the building.



5.5 | EVALUATION | SITE 2A PRELIMINARY DESIGN

Site Design



THE ROCK, LOCATION 1

GATHERING SPACE

NORTH ENTRANCE

STORMWATER TREATMENT

SERVICE DRIVE

BIKE RACKS

INT'L SPARTY'S ENTRANCE

ACCESSIBLE PATHWAY

PROGRAM CONTINGENCY

MAIN ENTRANCE PLAZA

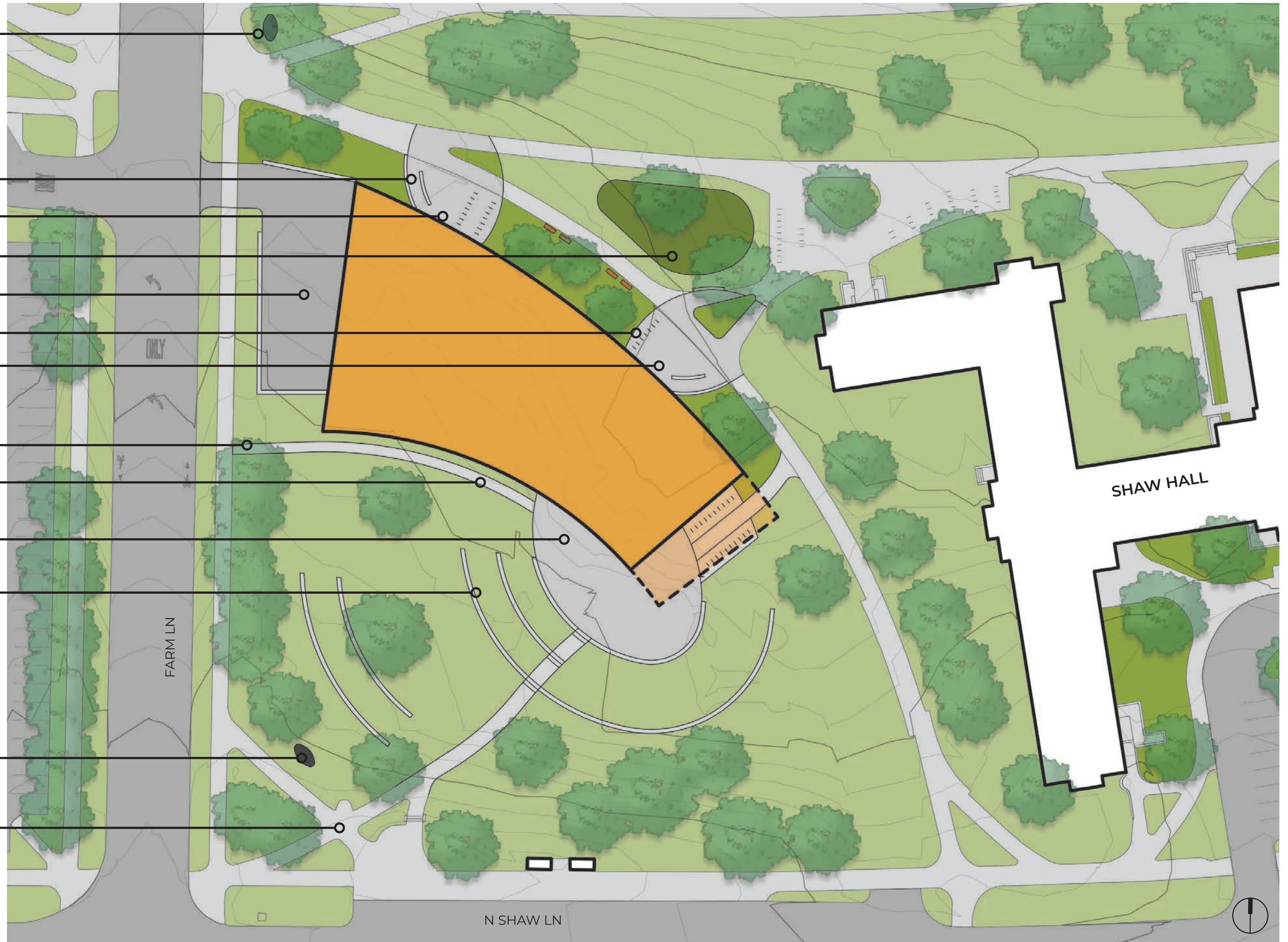
flexible event space

TERRACED SEAT WALLS

informal amphitheater

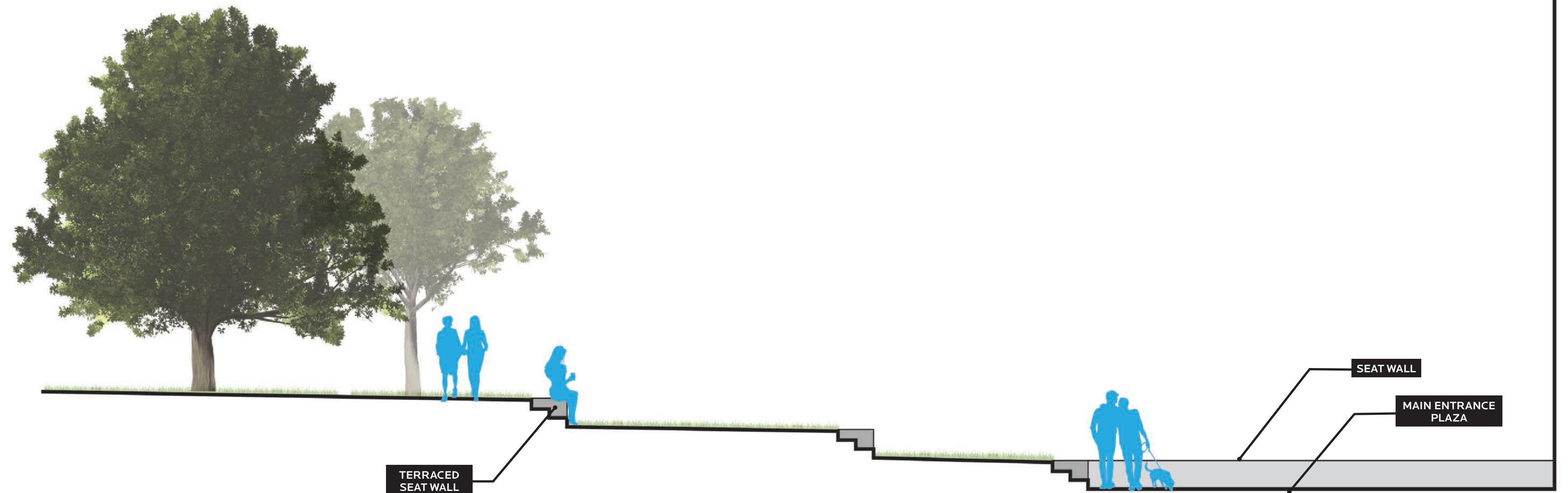
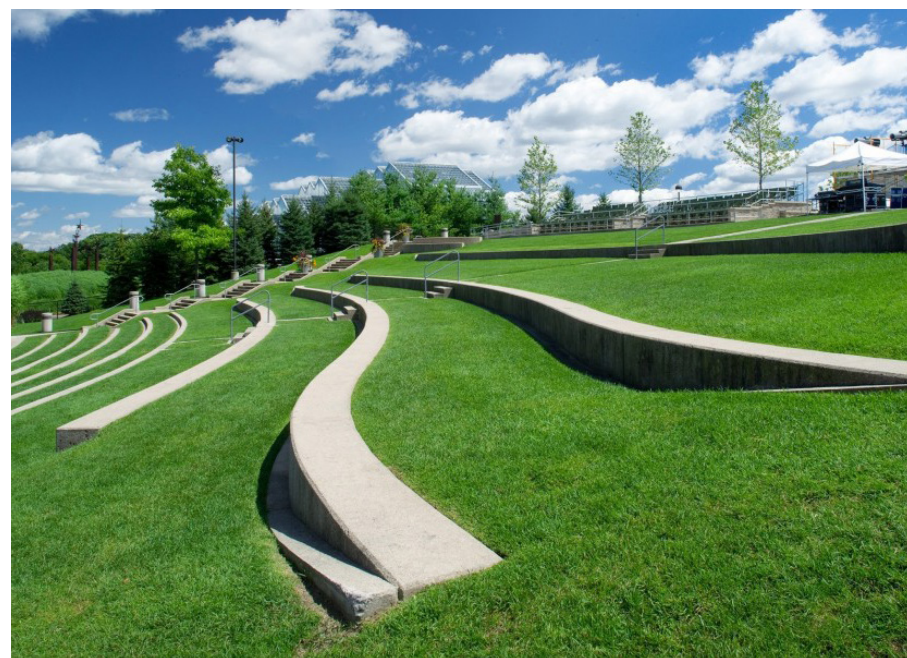
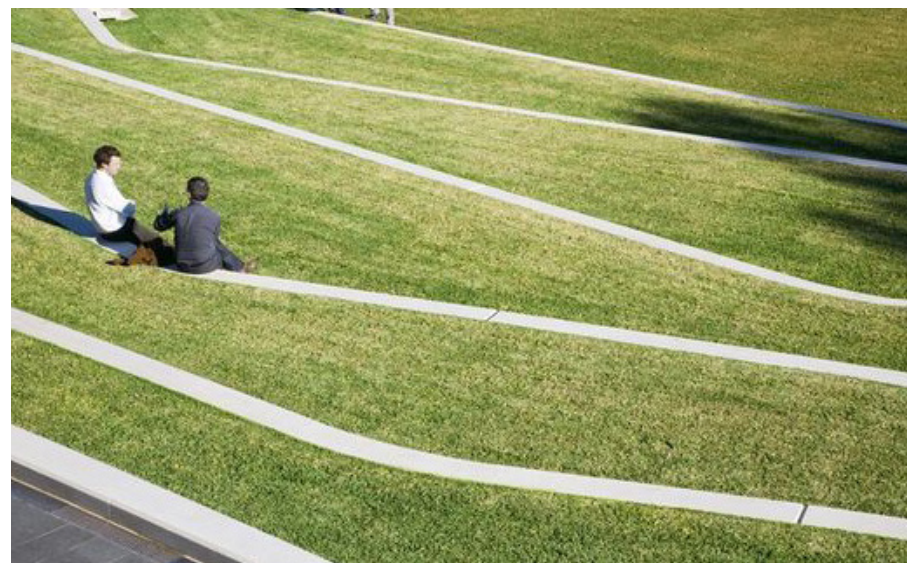
THE ROCK, LOCATION 2

PEDESTRIAN PLAZA



5.5 | EVALUATION | SITE 2A PRELIMINARY DESIGN

Section Diagram



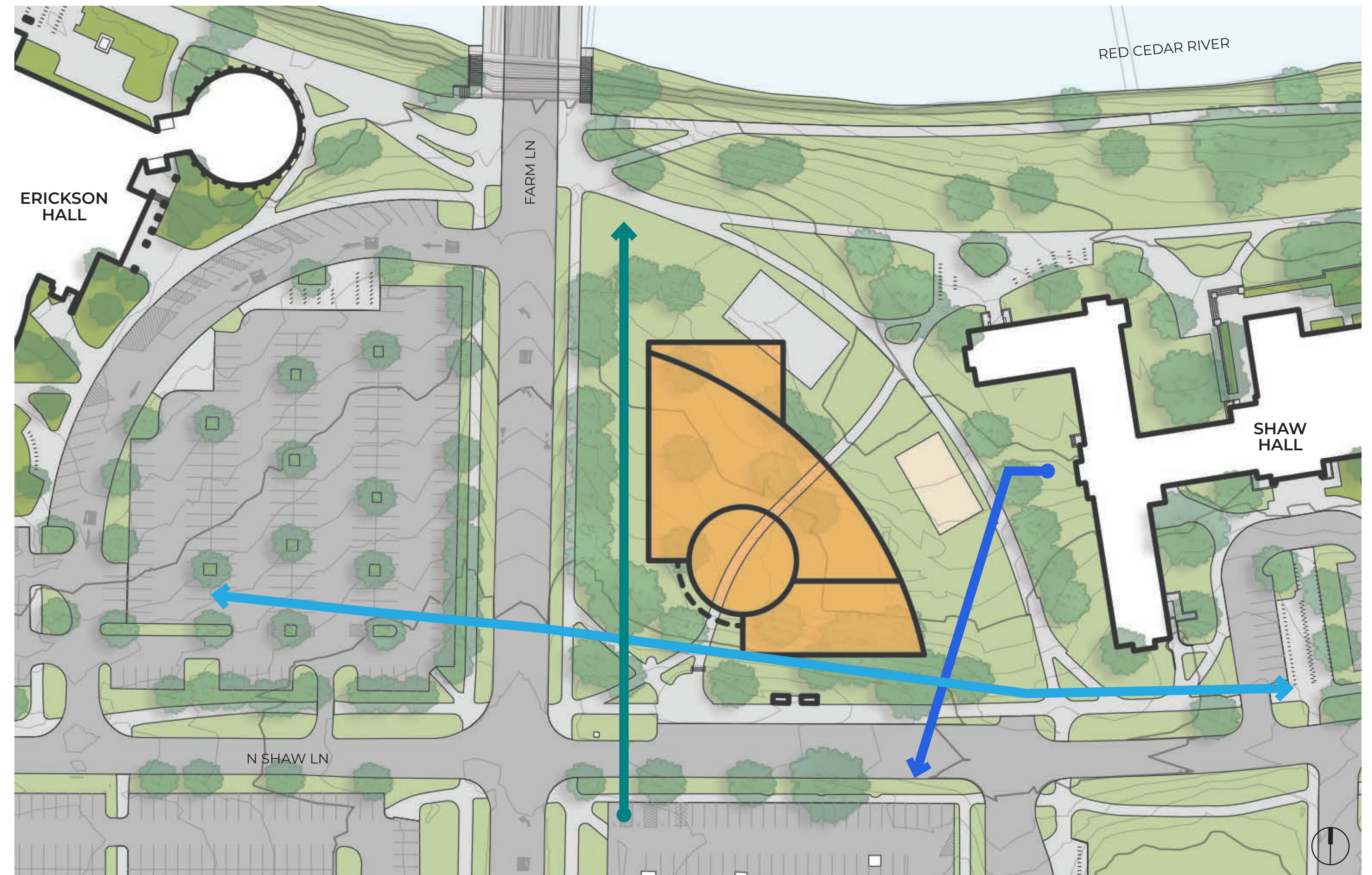
5.6 | EVALUATION | SITE 2B PRELIMINARY DESIGN

Site 2B: The Atrium

The second design, known as Site 2B: The Atrium, also tests the idea of a new stand-alone but instead takes advantage of the Farm and Shaw intersection and its high volume of pedestrian and vehicular traffic.

This design scheme also tested the idea of a stand-alone building, but in this case located in the southern portion of the site at the intersection of N. Shaw Lane and Farm Lane. Its artfully composed geometric forms culminate in a modern rotunda space, creating a focal point for this site and the activities within.

Leveraging the natural slope of the site and commanding views to the north, the building enjoys both convenient street-front access as well as proximity to the river trail on the lower north face. Rooms are arranged to further capitalize on this orientation with many of the primary spaces opening to a large expanse of gently curving glass with river views. Whether entering the building, participating in its purpose, or simply passing by, the atrium welcomes, orients, and honors the significant mission of the Multicultural Center.



5.6 | EVALUATION | SITE 2B PRELIMINARY DESIGN

Building Placement

OPPORTUNITIES

Establishes prominence of program at intersection of N. Shaw Lane and Farm Lane with iconic focal point

Relates to street frontage and connects with energy at intersection - pedestrian, cyclist, vehicular, transit

Creates opportunity for 'front yard' / public space at intersection and 'back yard' / private space adjacent to River Trail

Takes advantage of grade change to create structural efficiency for large meeting room at street level

Provides opportunity for moderate expansion in the future

Positions the program adjacent to transit center

Creates opportunity to relocate The Rock to improve its accessibility

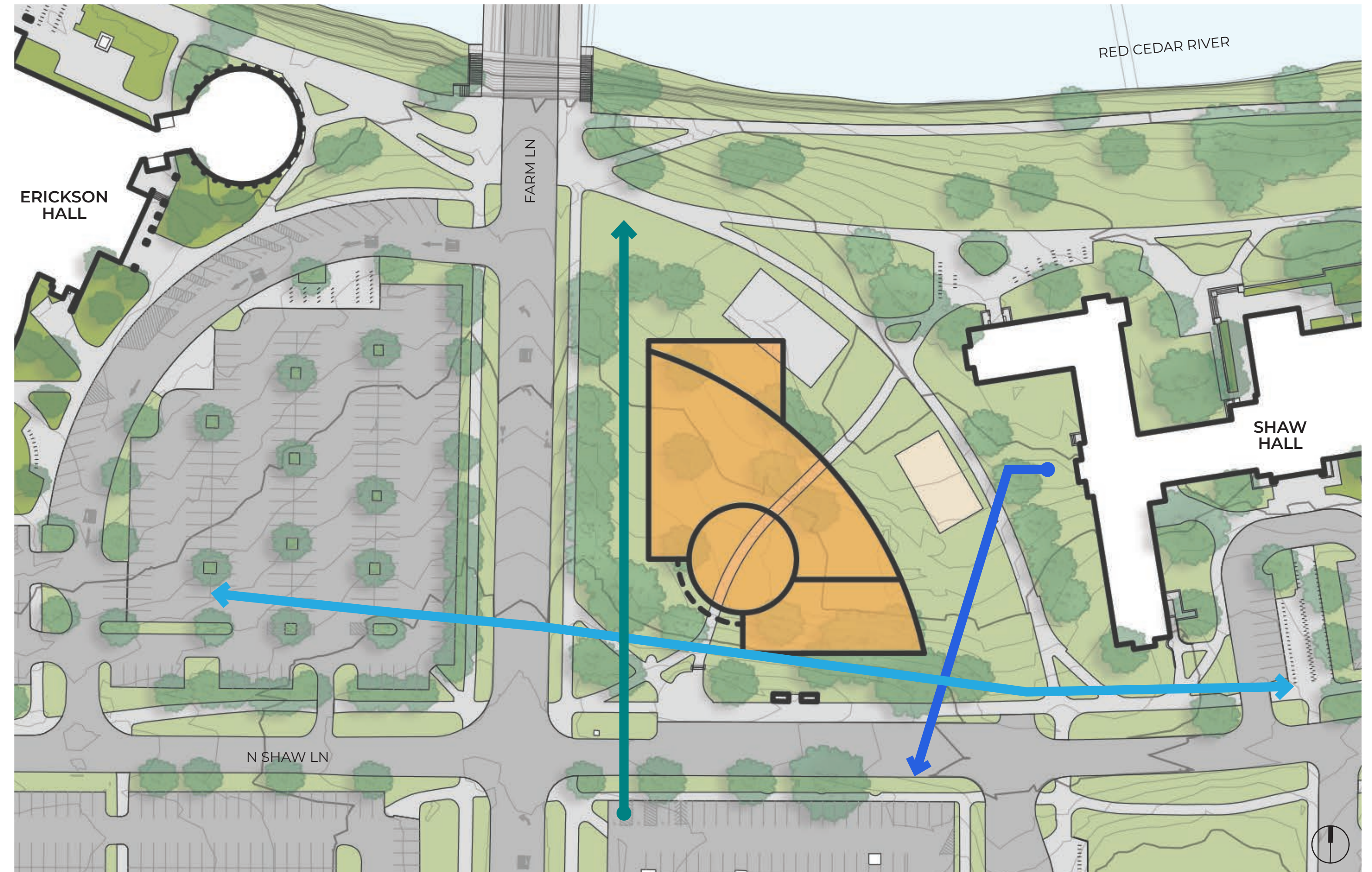
CONSTRAINTS

Creates potential for basement-type environment away from windows at lower level spaces

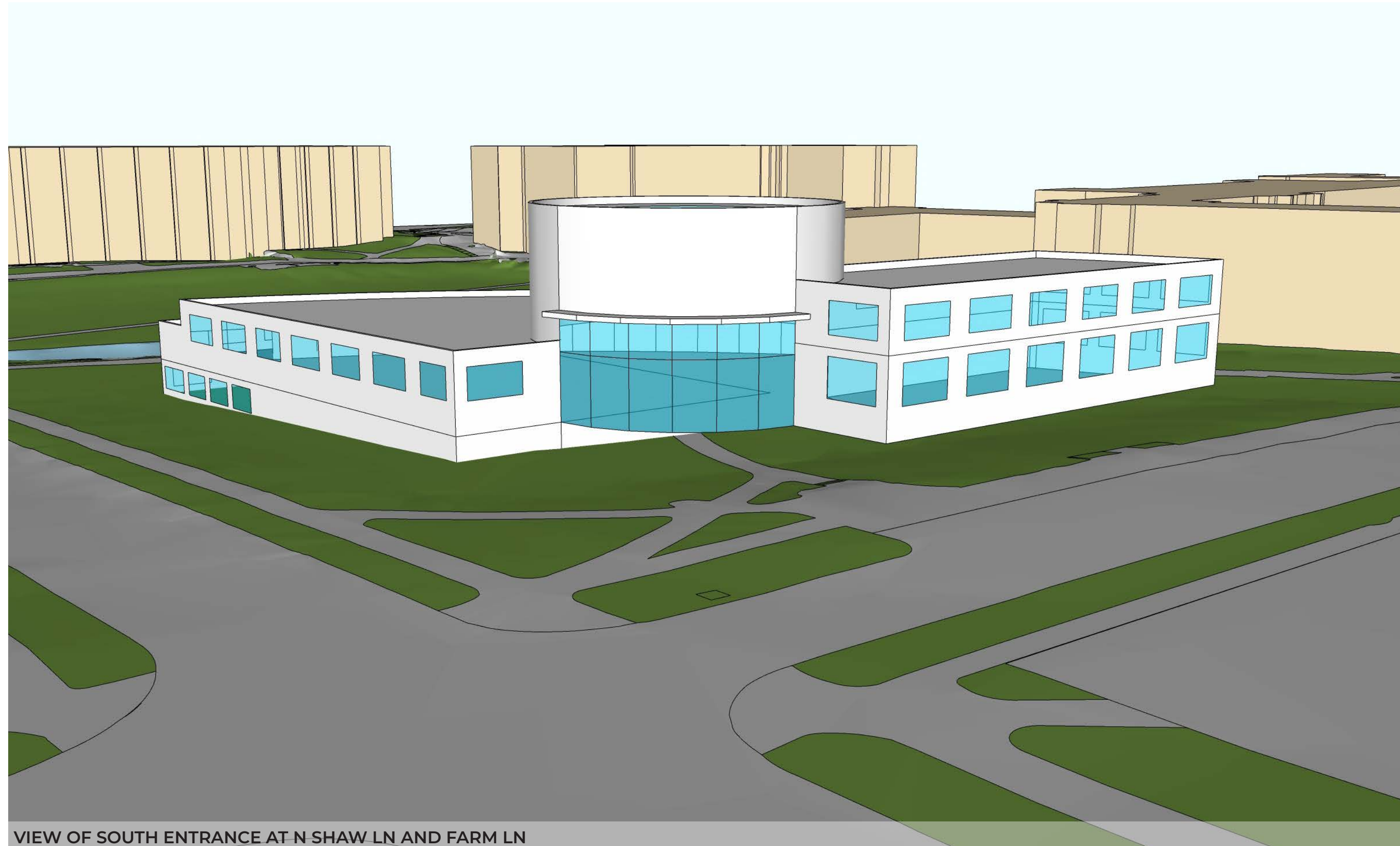
Creates conflict for pedestrians traveling NE-SW across site (although this can be accommodated through building circulation)

Requires more extensive cut and fill than Site 2A design scheme

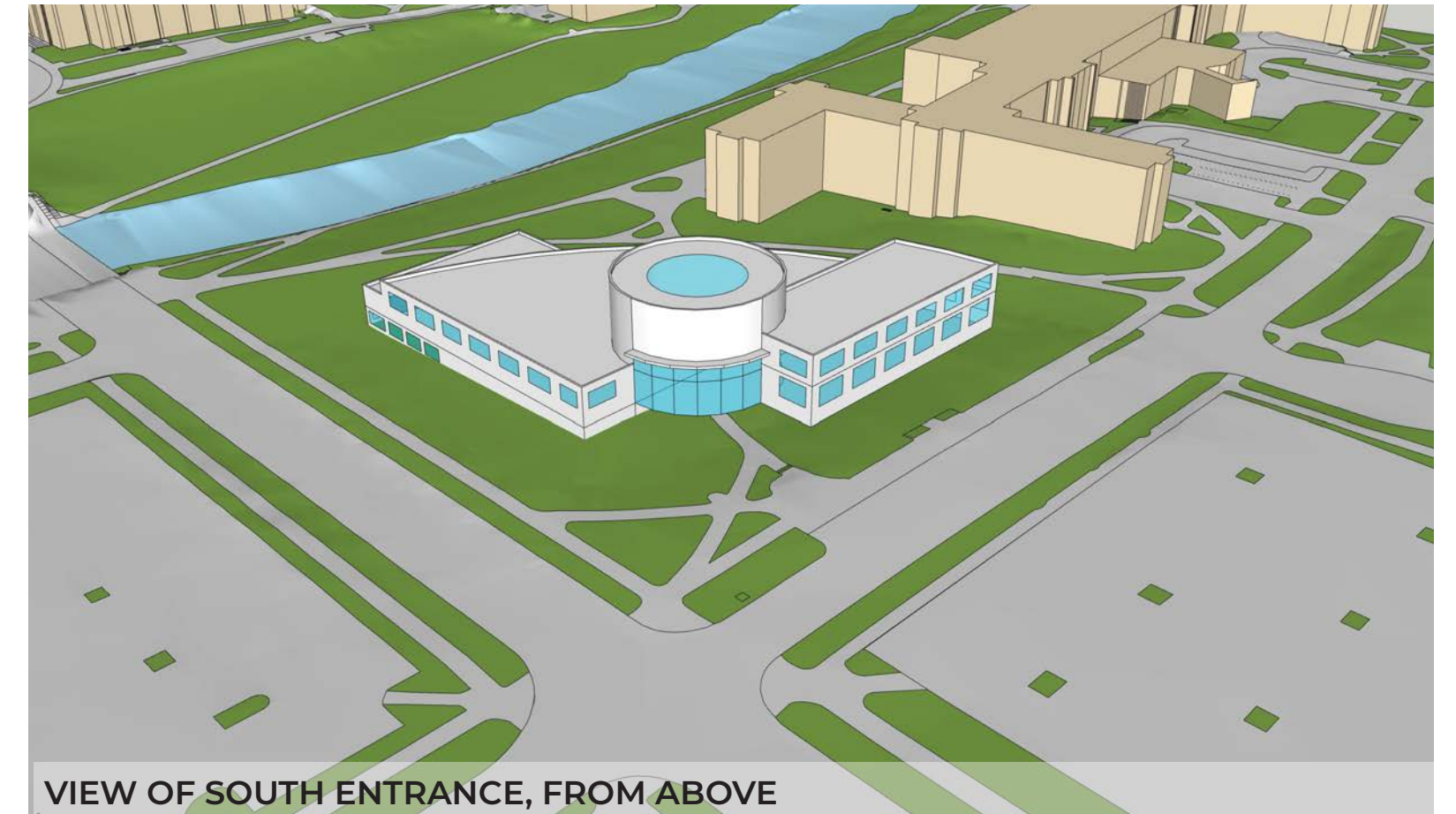
Requires removal of mature trees across the site



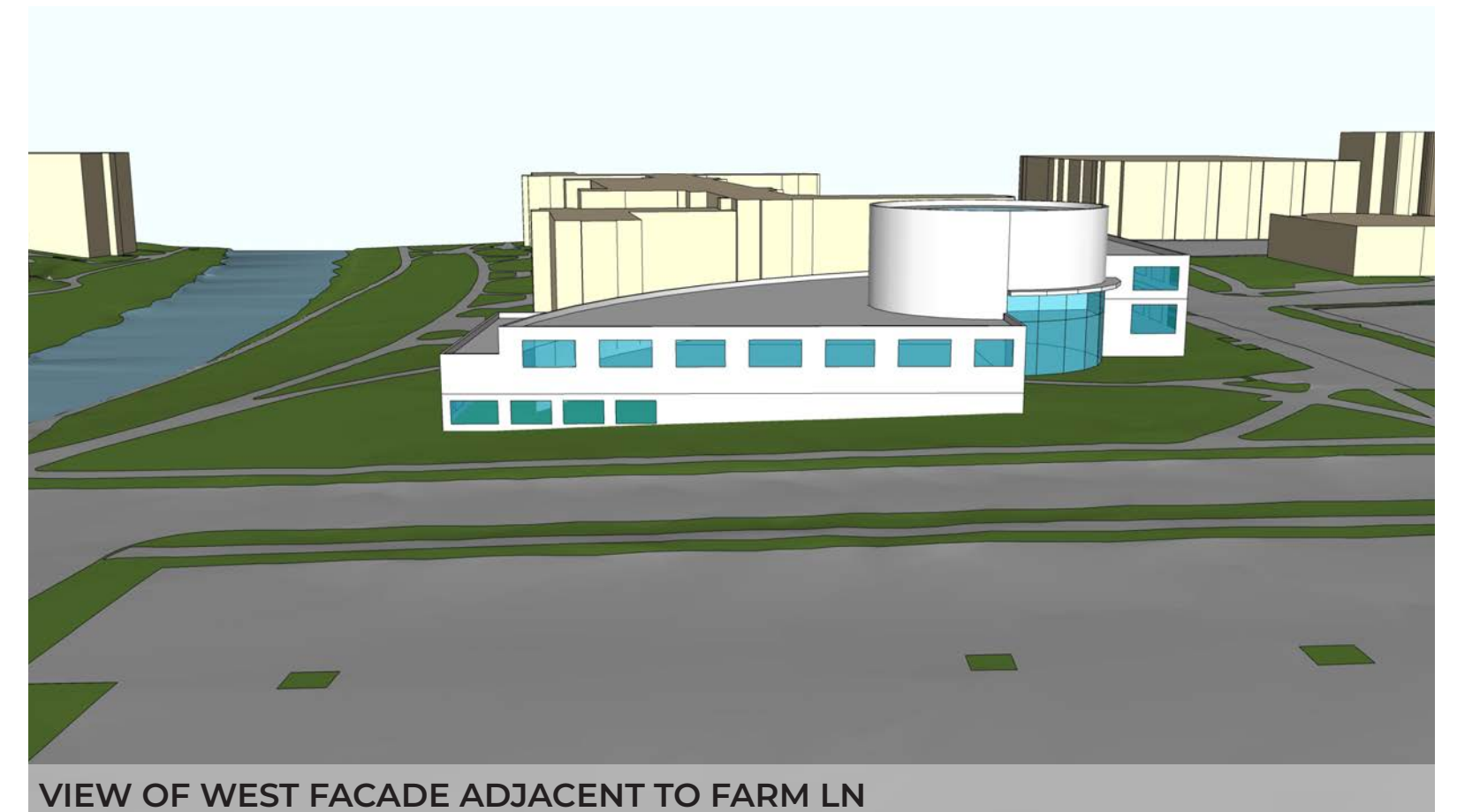
Massing Diagrams



VIEW OF SOUTH ENTRANCE AT N SHAW LN AND FARM LN



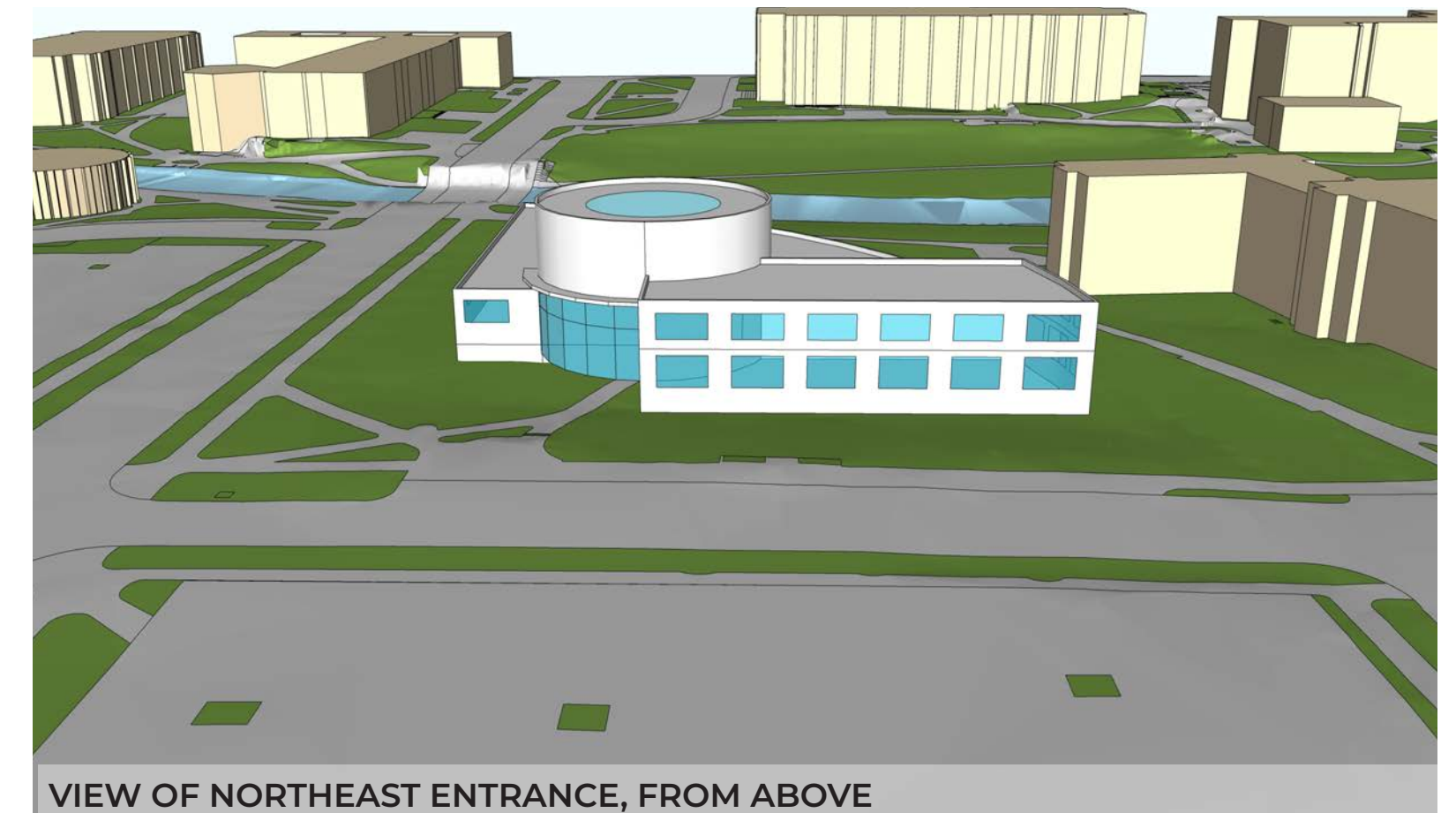
VIEW OF SOUTH ENTRANCE, FROM ABOVE



VIEW OF WEST FACADE ADJACENT TO FARM LN

5.6 | EVALUATION | SITE 2B PRELIMINARY DESIGN

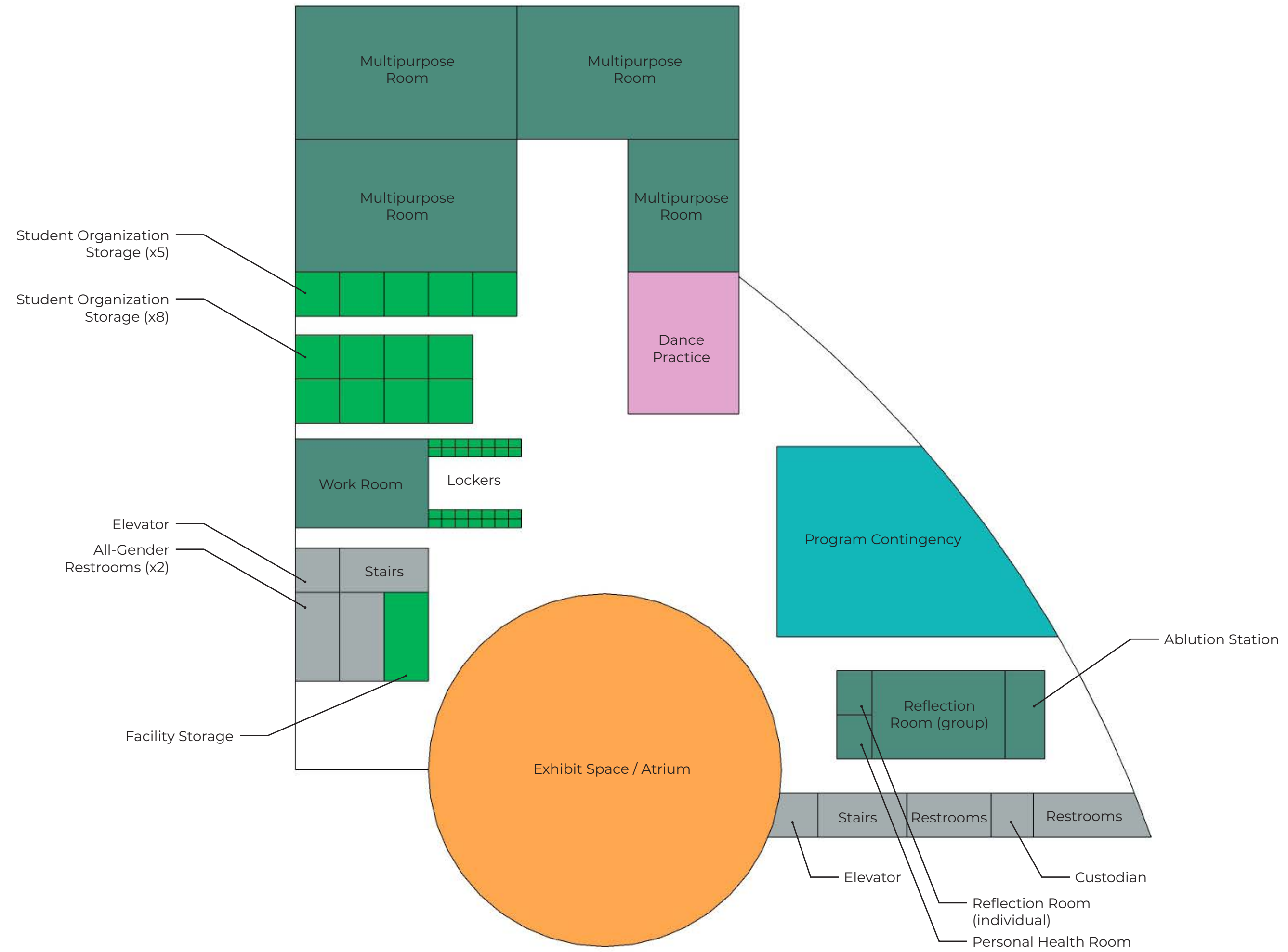
Massing Diagrams



5.6 | EVALUATION | SITE 2B PRELIMINARY DESIGN

Ground Floor Plan

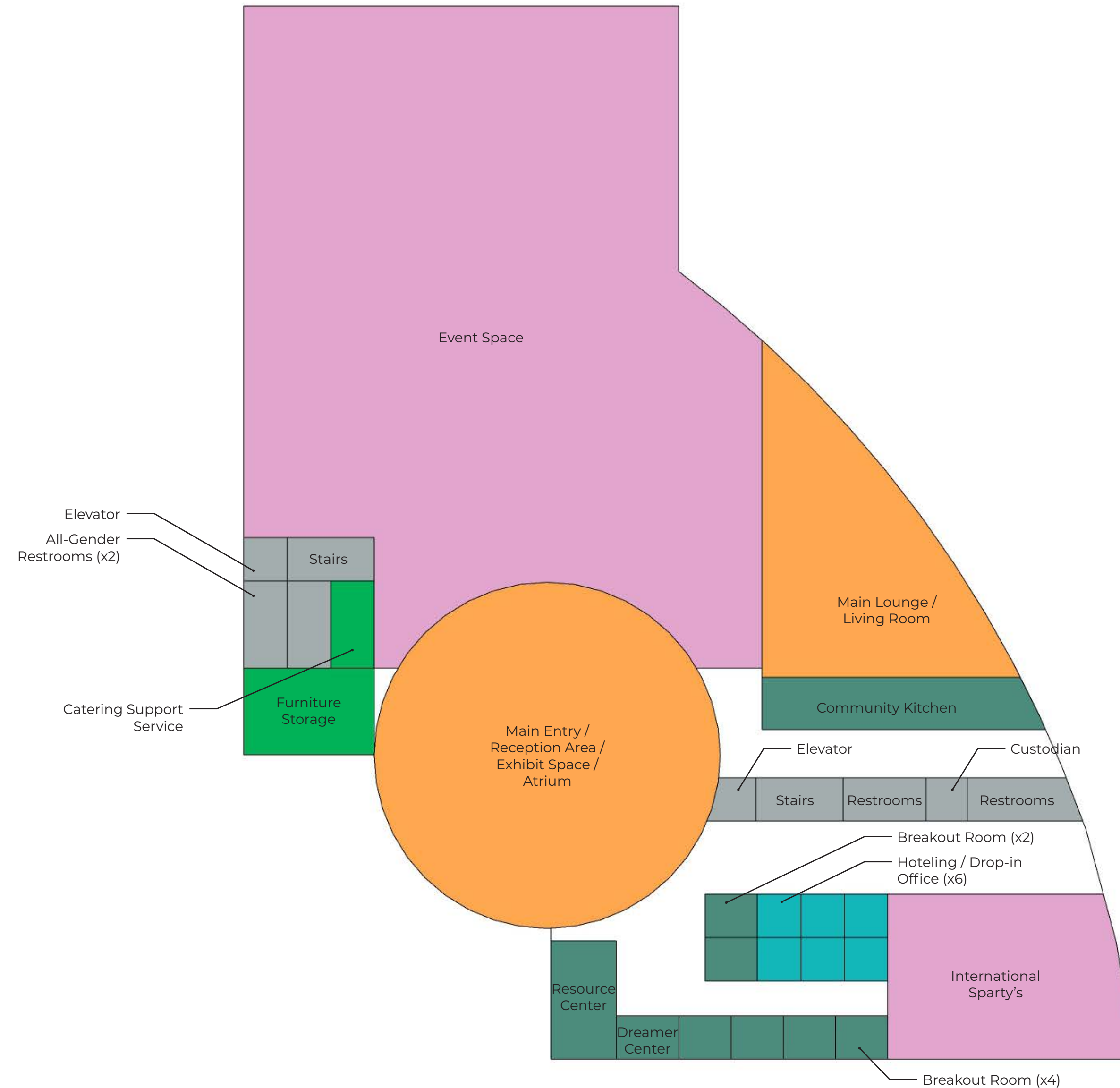
- DEDICATED SPACES
- SHARED SPACES
- SUPPORT SPACES
- COMMON AREAS
- CORE (RESTROOMS, MECH, IT, ETC.)
- CONTINGENCY SPACES



5.6 | EVALUATION | SITE 2B PRELIMINARY DESIGN

First Floor Plan

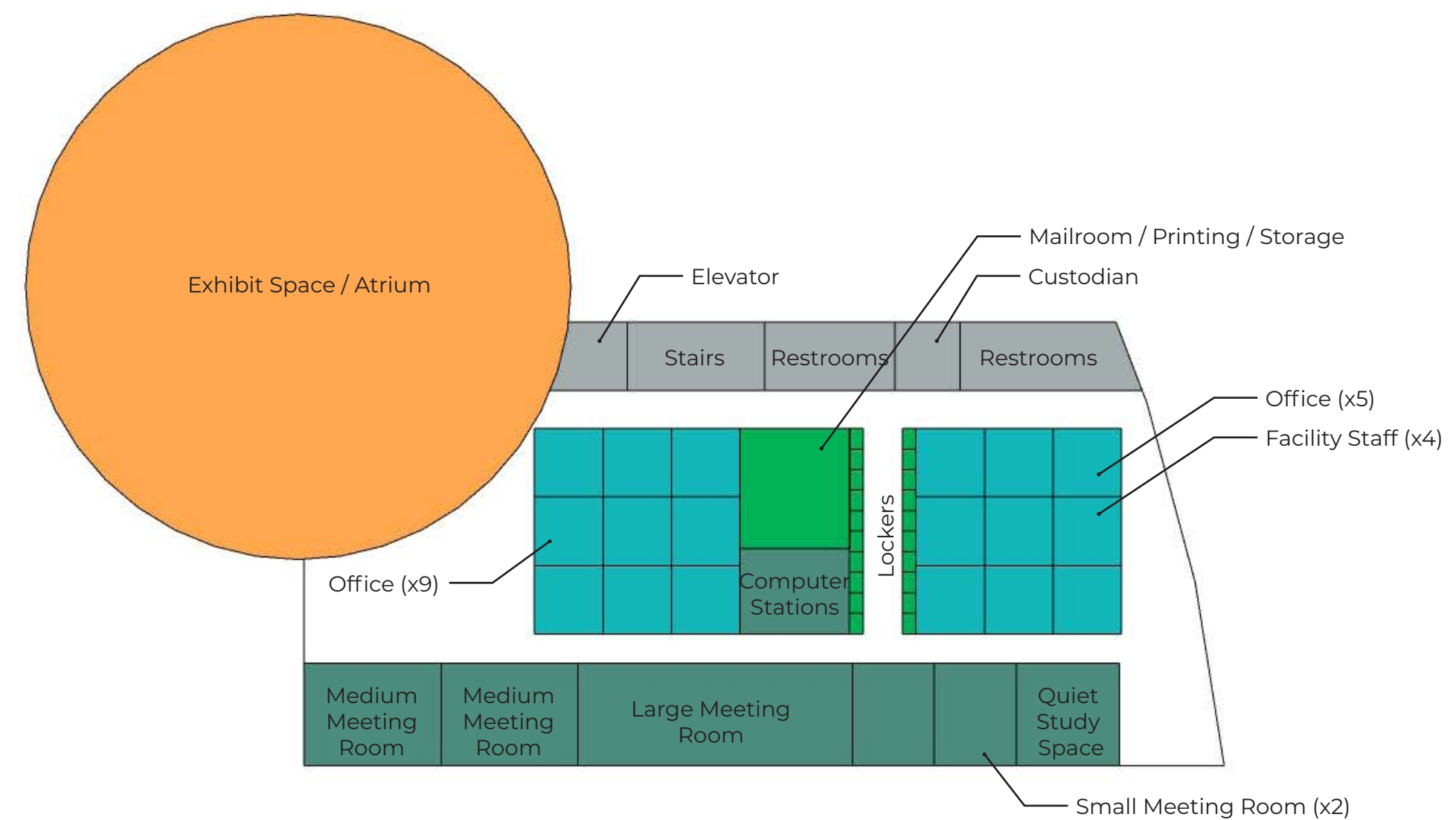
- DEDICATED SPACES
- SHARED SPACES
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- CONTINGENCY SPACES



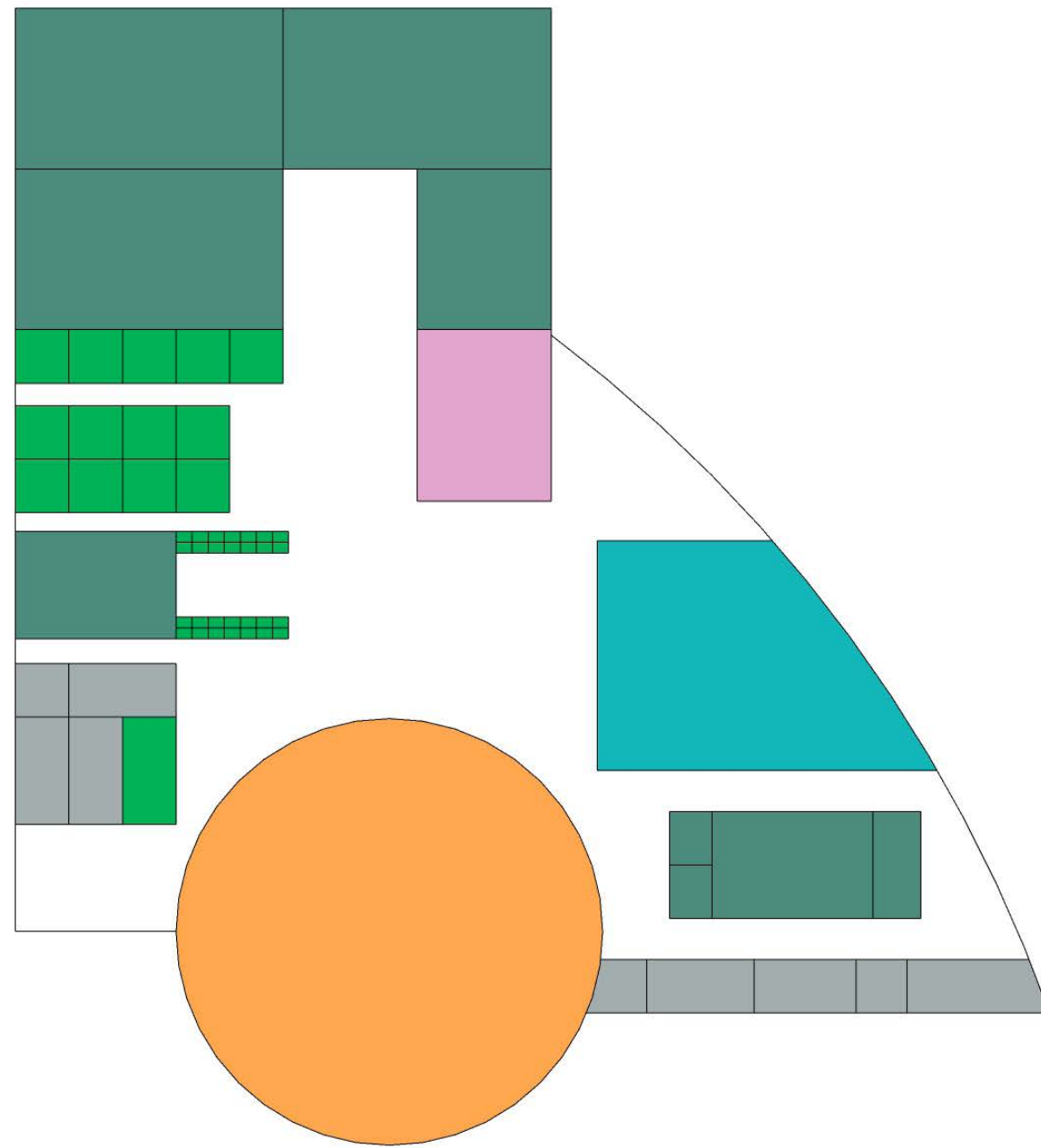
5.6 | EVALUATION | SITE 2B PRELIMINARY DESIGN

Second Floor Plan

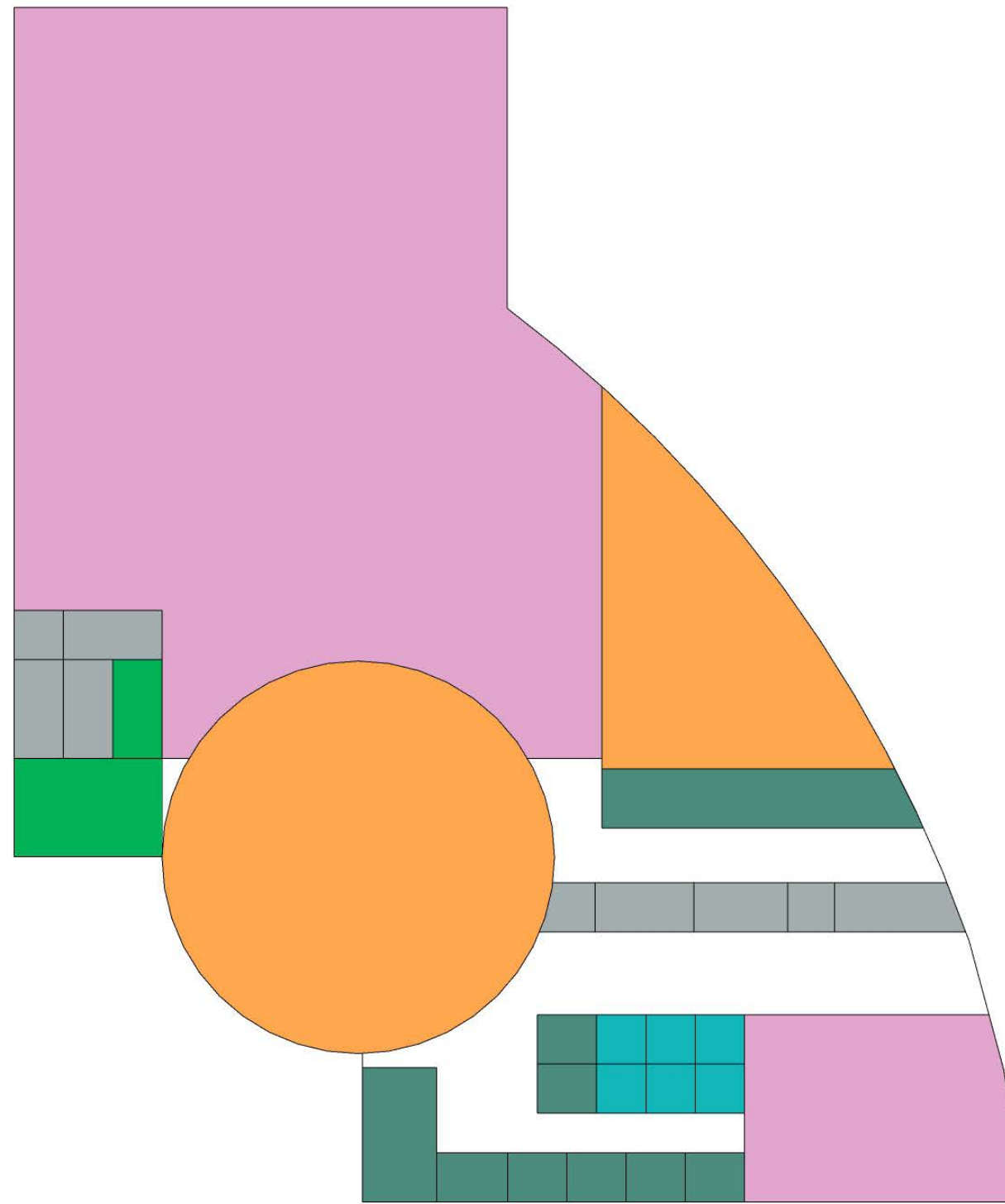
- DEDICATED SPACES
- SHARED SPACES
- SUPPORT SPACES
- COMMON AREAS
- CORE (RESTROOMS, MECH, IT, ETC.)
- CONTINGENCY SPACES



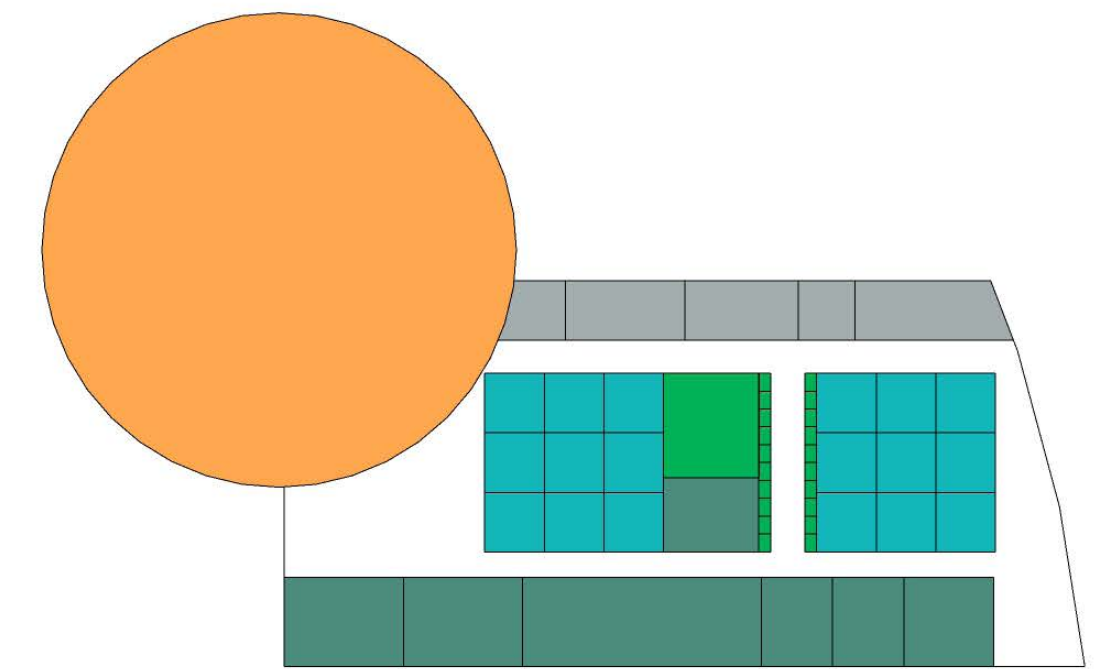
5.5 | EVALUATION | SITE 2B PRELIMINARY DESIGN



Ground Floor Plan



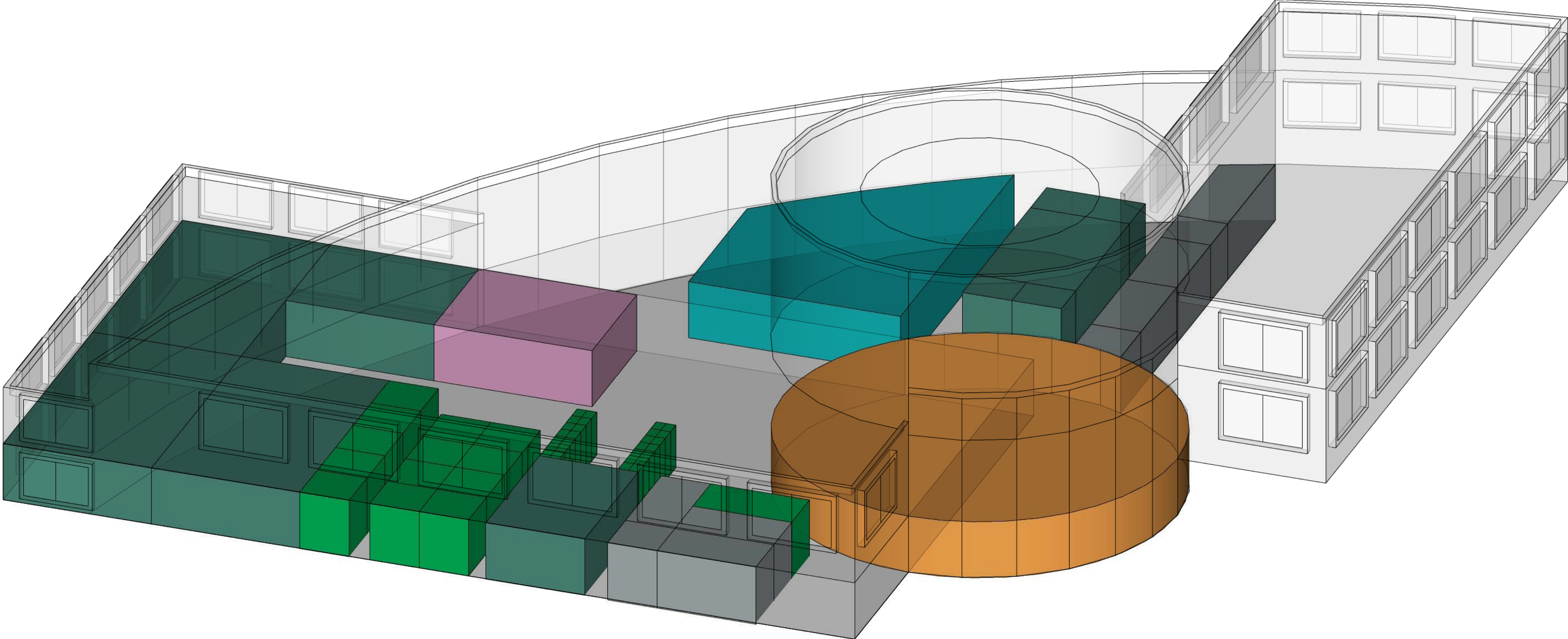
First Floor Plan



Second Floor Plan

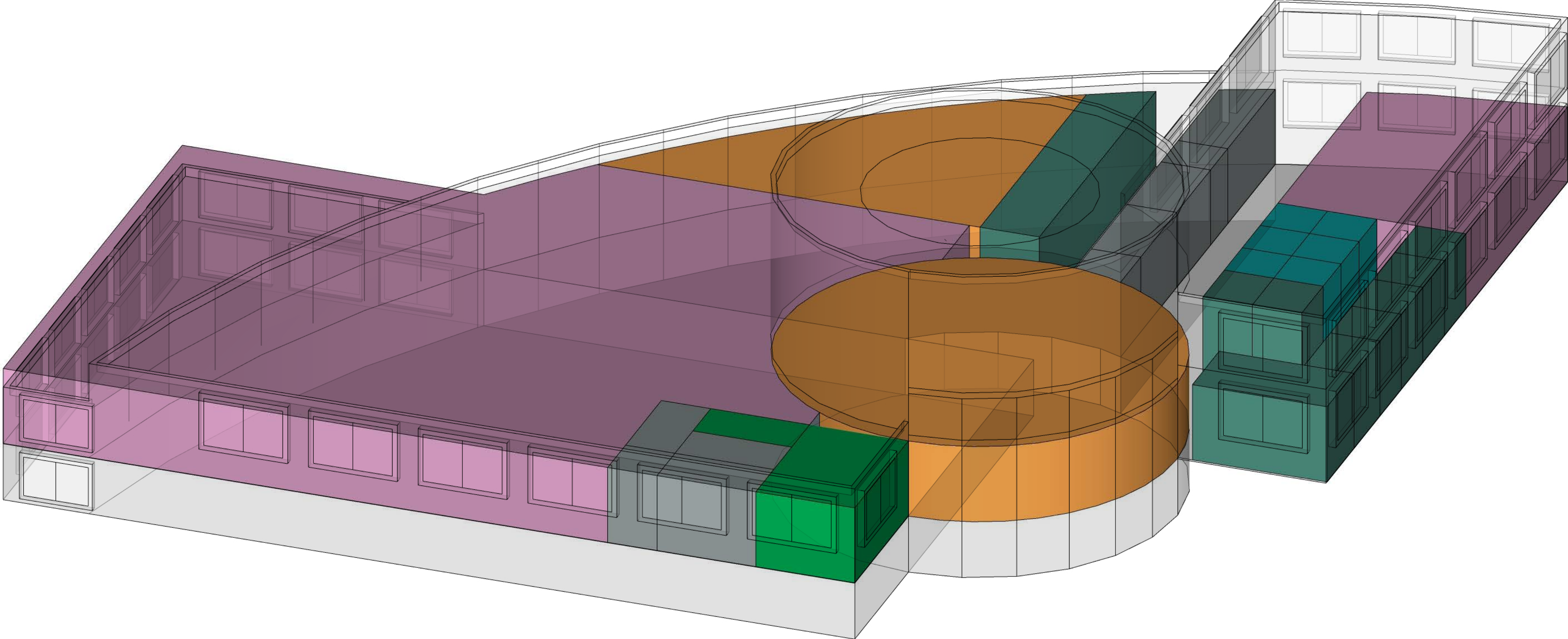
5.6 | EVALUATION | **SITE 2B PRELIMINARY DESIGN**

Ground Floor Perspective



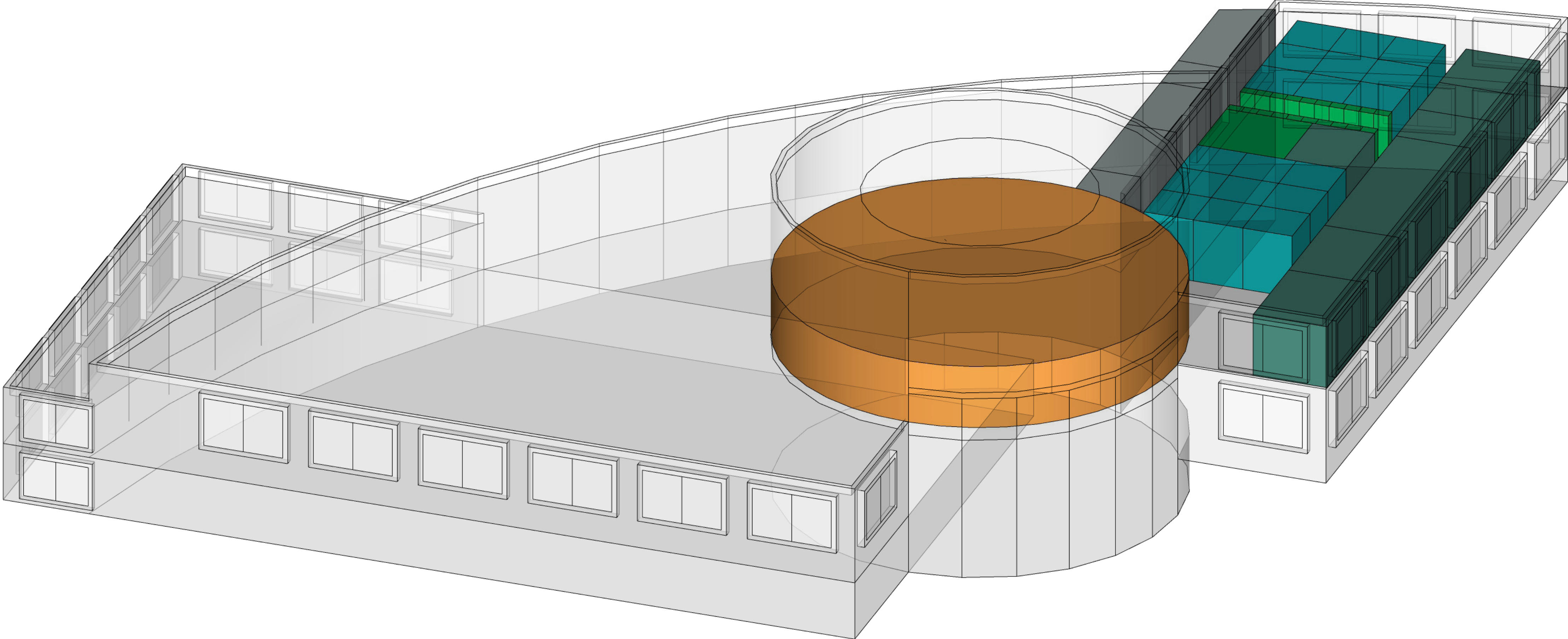
5.6 | EVALUATION | **SITE 2B PRELIMINARY DESIGN**

First Floor Perspective



5.6 | EVALUATION | **SITE 2B PRELIMINARY DESIGN**

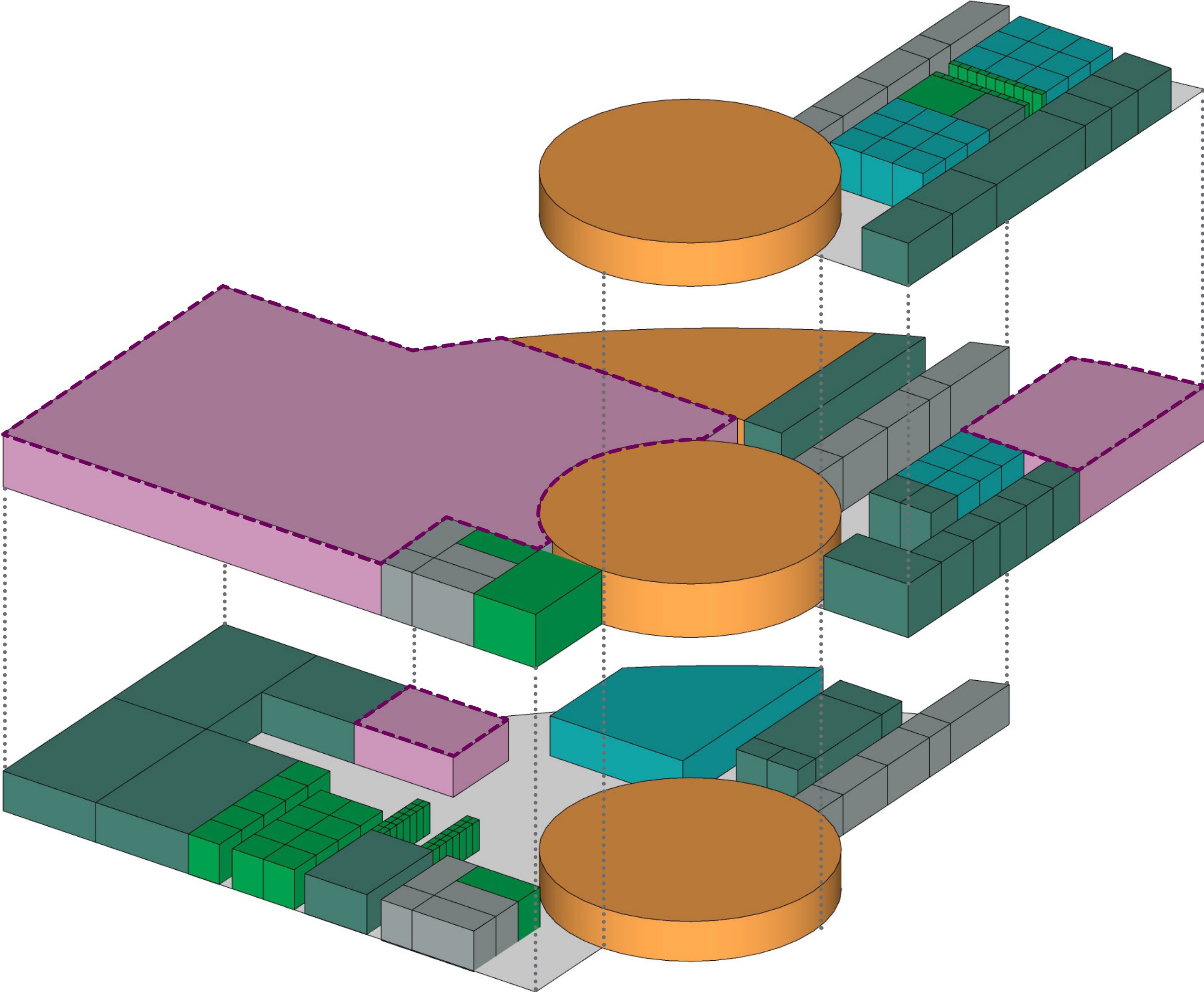
Second Floor Perspective



5.6 | EVALUATION | SITE 2B PRELIMINARY DESIGN

Isometric View

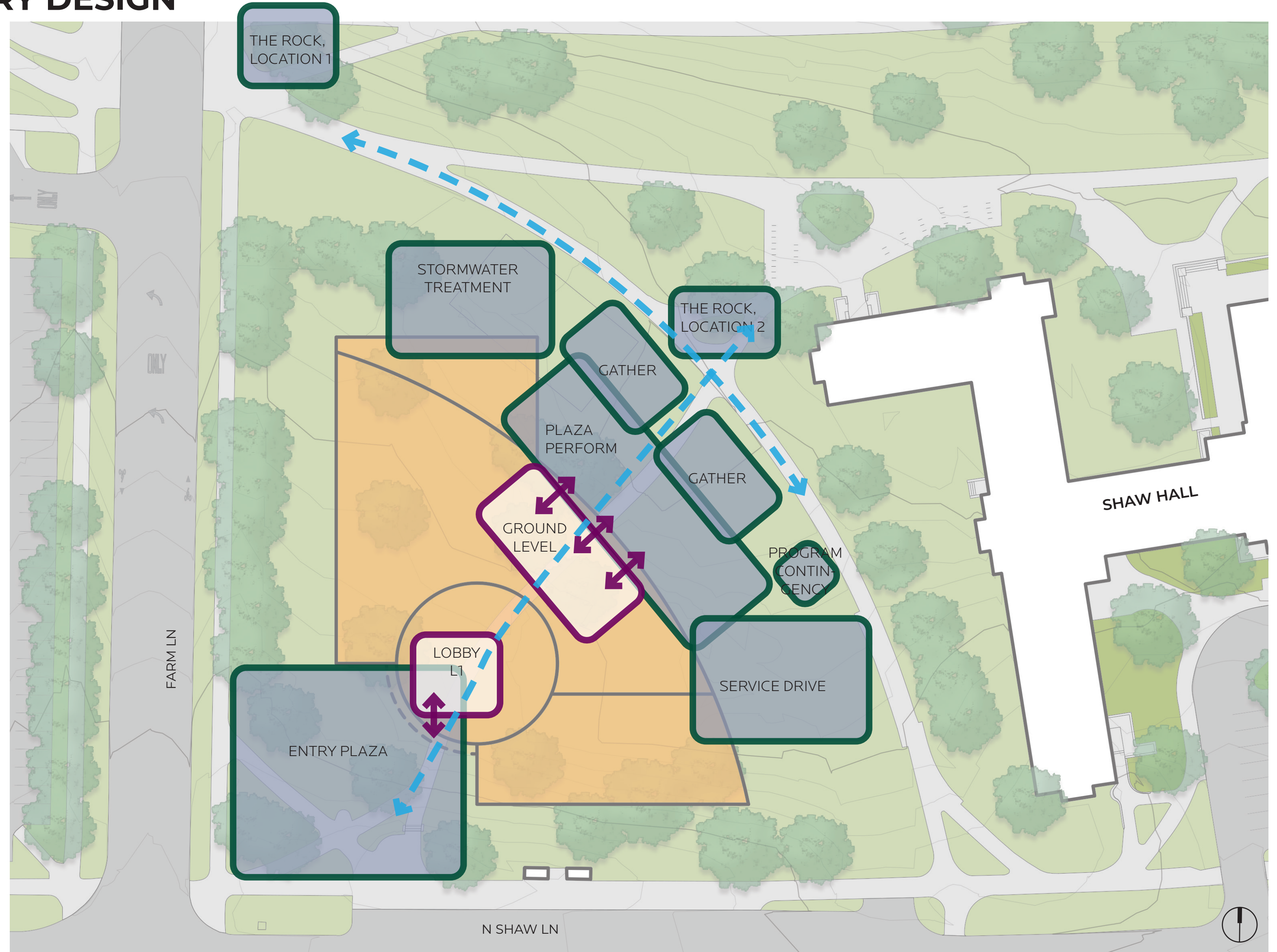
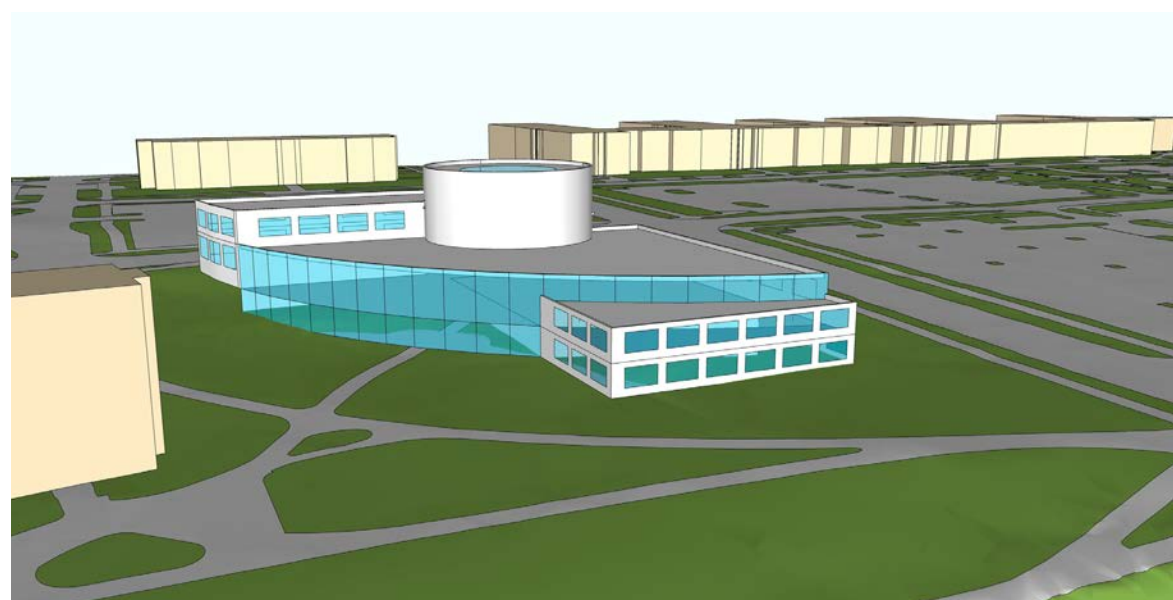
- DEDICATED SPACES
- SHARED SPACES
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- CORE (RESTROOMS, MECH, IT, ETC.)
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5.6 | EVALUATION | SITE 2B PRELIMINARY DESIGN

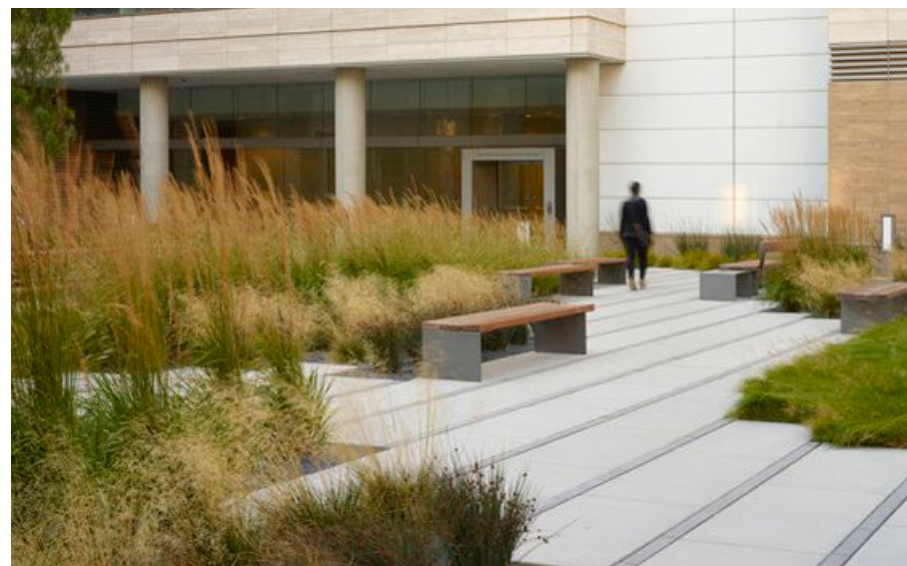
Site Design

With the building placed central to site and at level with N Shaw Ln, the site programming for this design option focused creating two iconic entrances, one which would serve users entering from the adjacent parking lots, Transit Center, or from N Shaw Ln, and a second rear entrance which would serve users entering from the River Walk or north side of campus.



5.6 | EVALUATION | SITE 2B PRELIMINARY DESIGN

Site Design



THE ROCK, LOCATION 1

STORMWATER TREATMENT

THE ROCK, LOCATION 2

GATHERING SPACE

NORTH ENTRANCE PLAZA

flexible event space

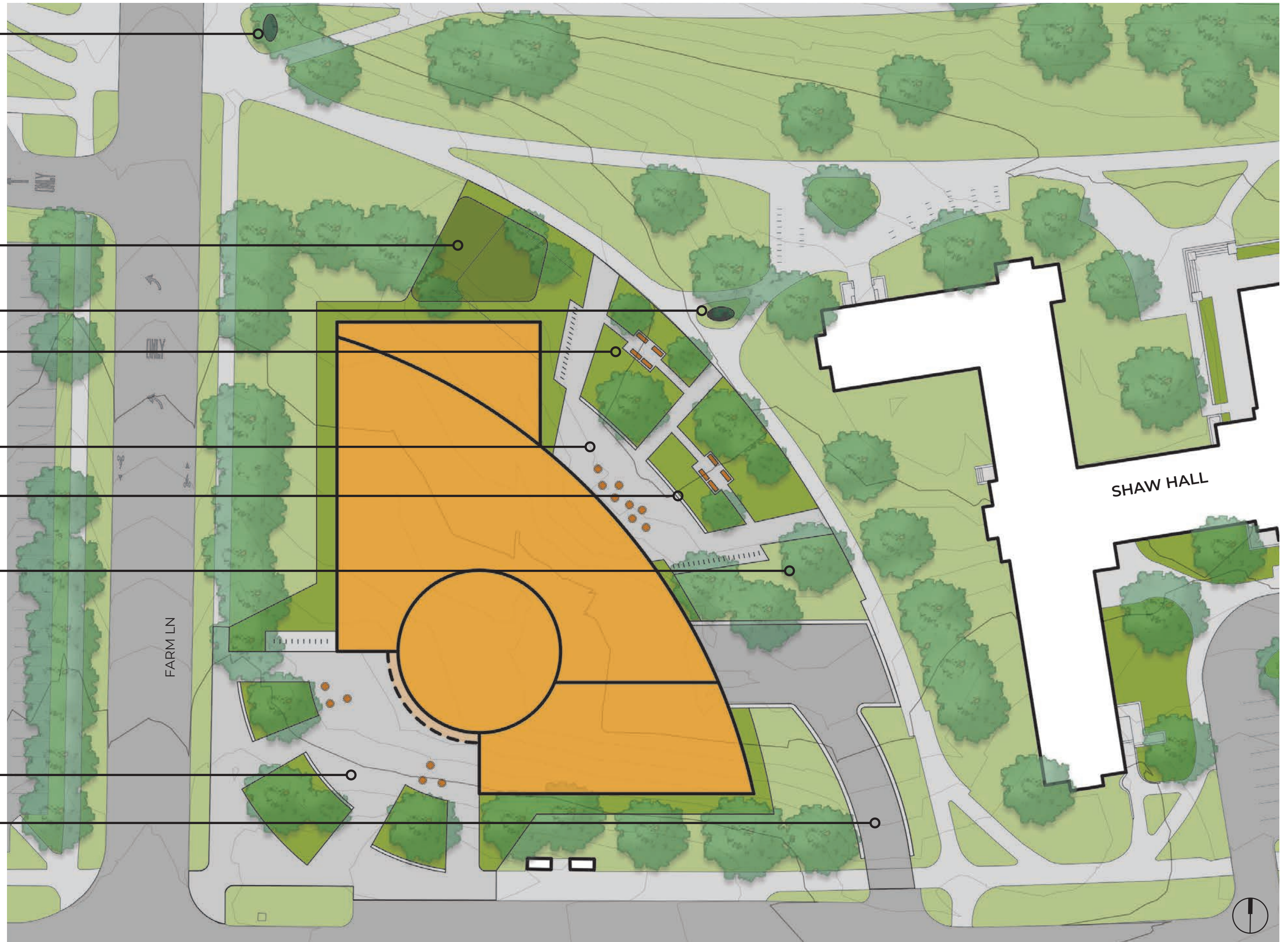
SEAT WALL

informal amphitheater

PROGRAM CONTINGENCY

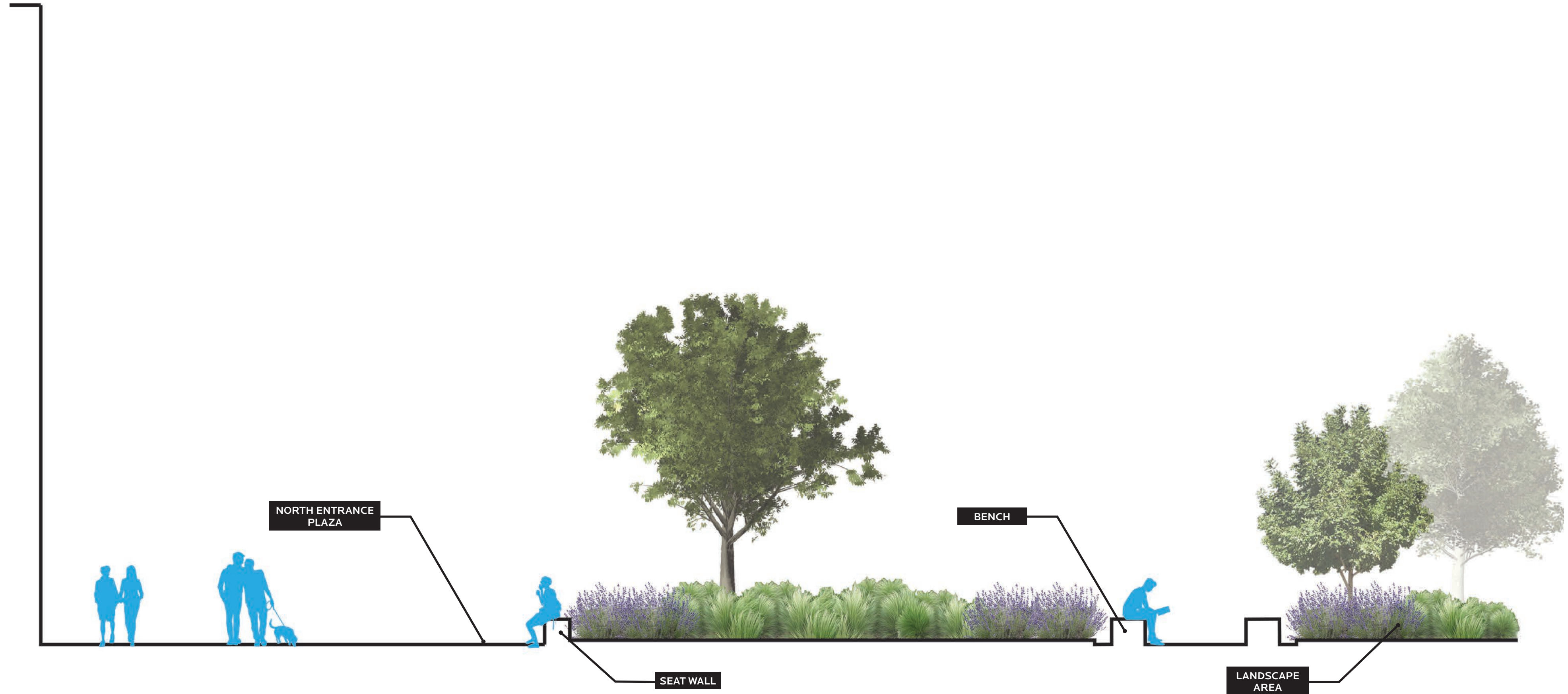
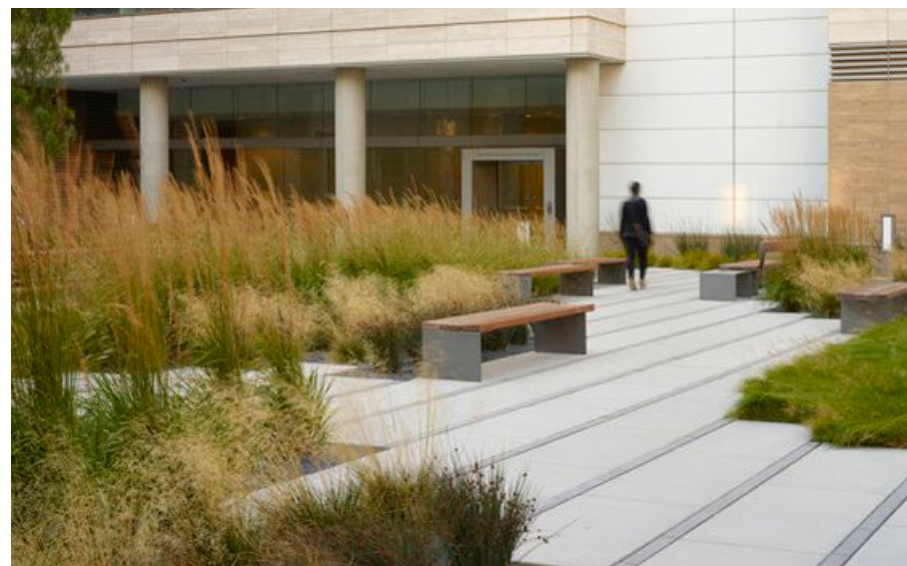
MAIN ENTRANCE PLAZA

SERVICE DRIVE



5.6 | EVALUATION | SITE 2B PRELIMINARY DESIGN

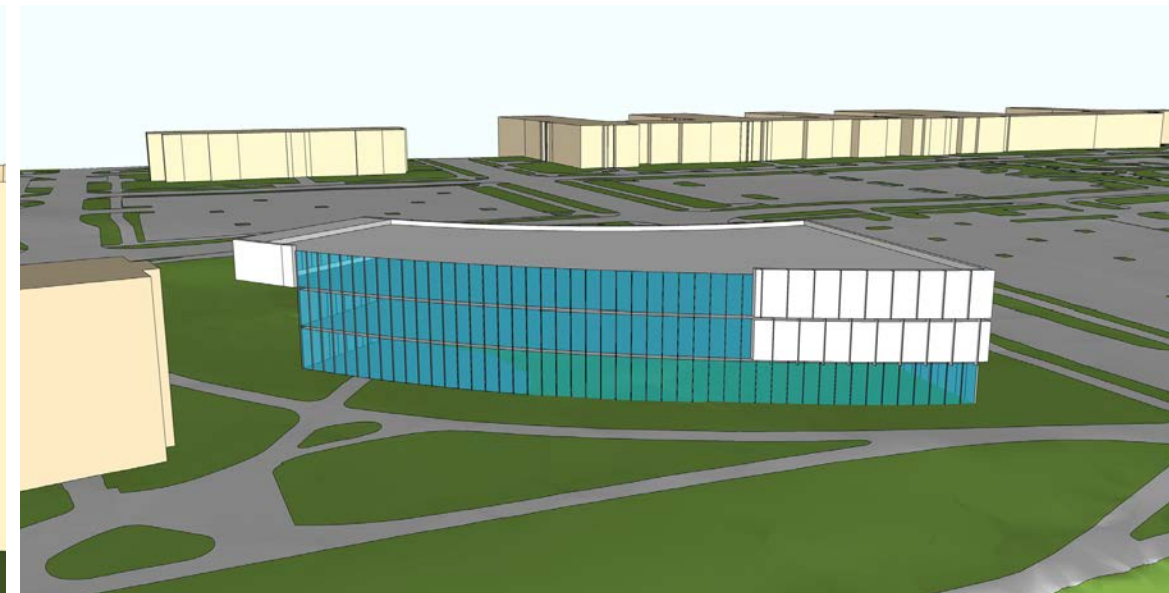
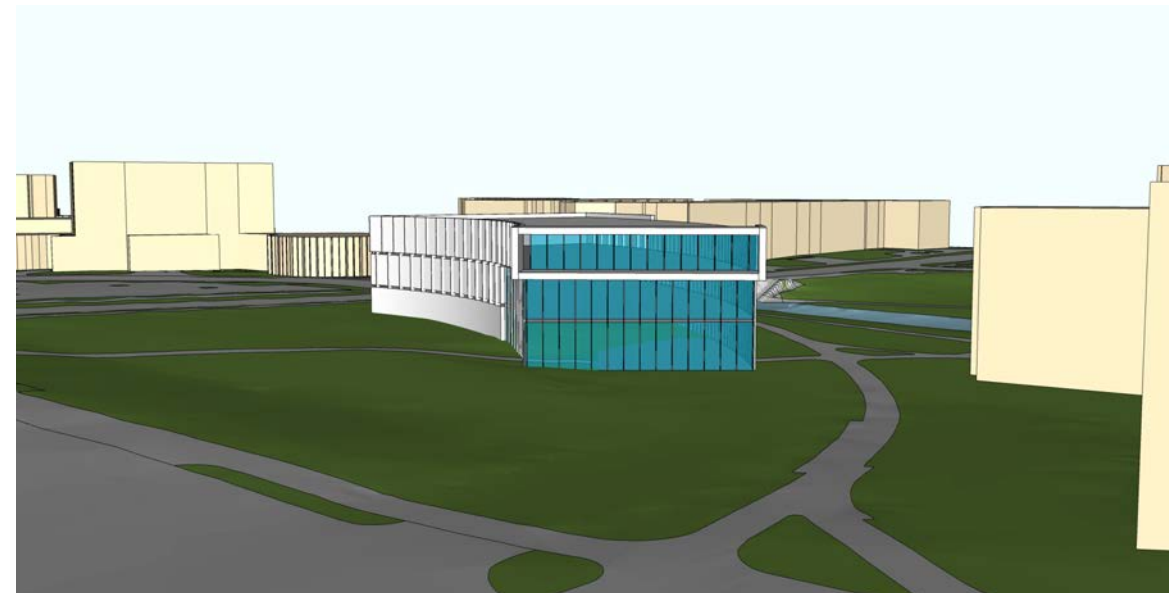
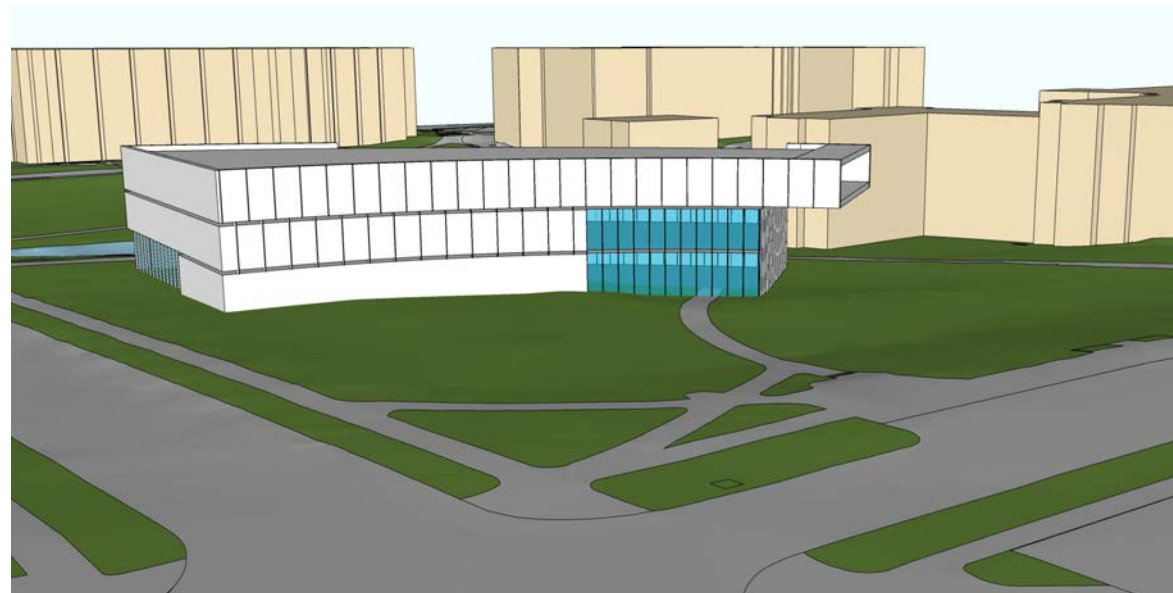
Section Diagram



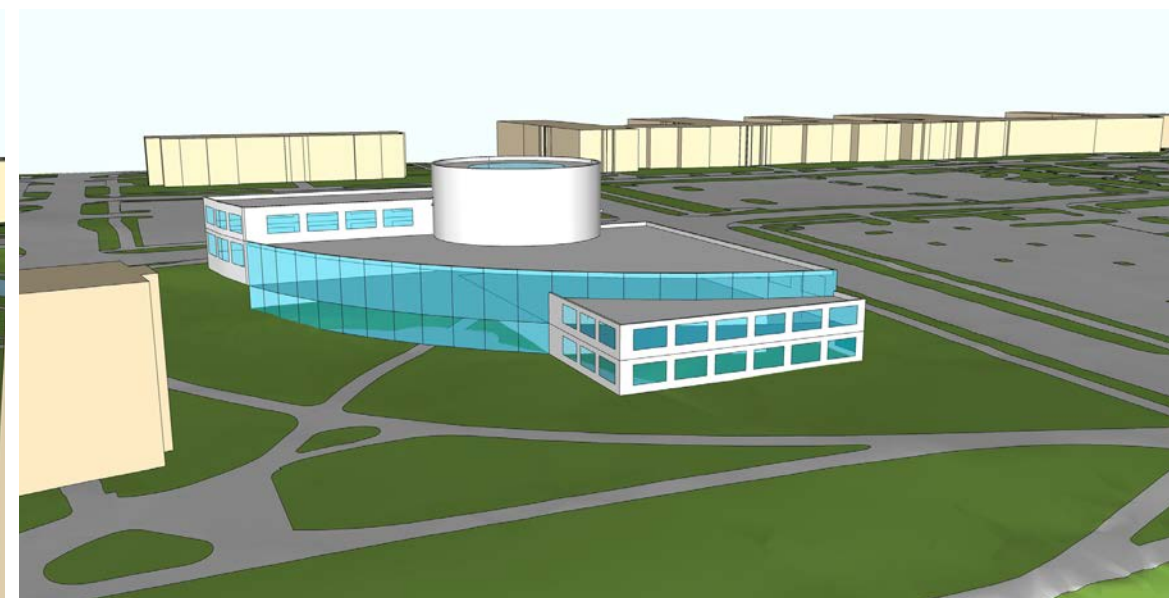
5.7 | EVALUATION | COMPARISON



Site 1: International Center

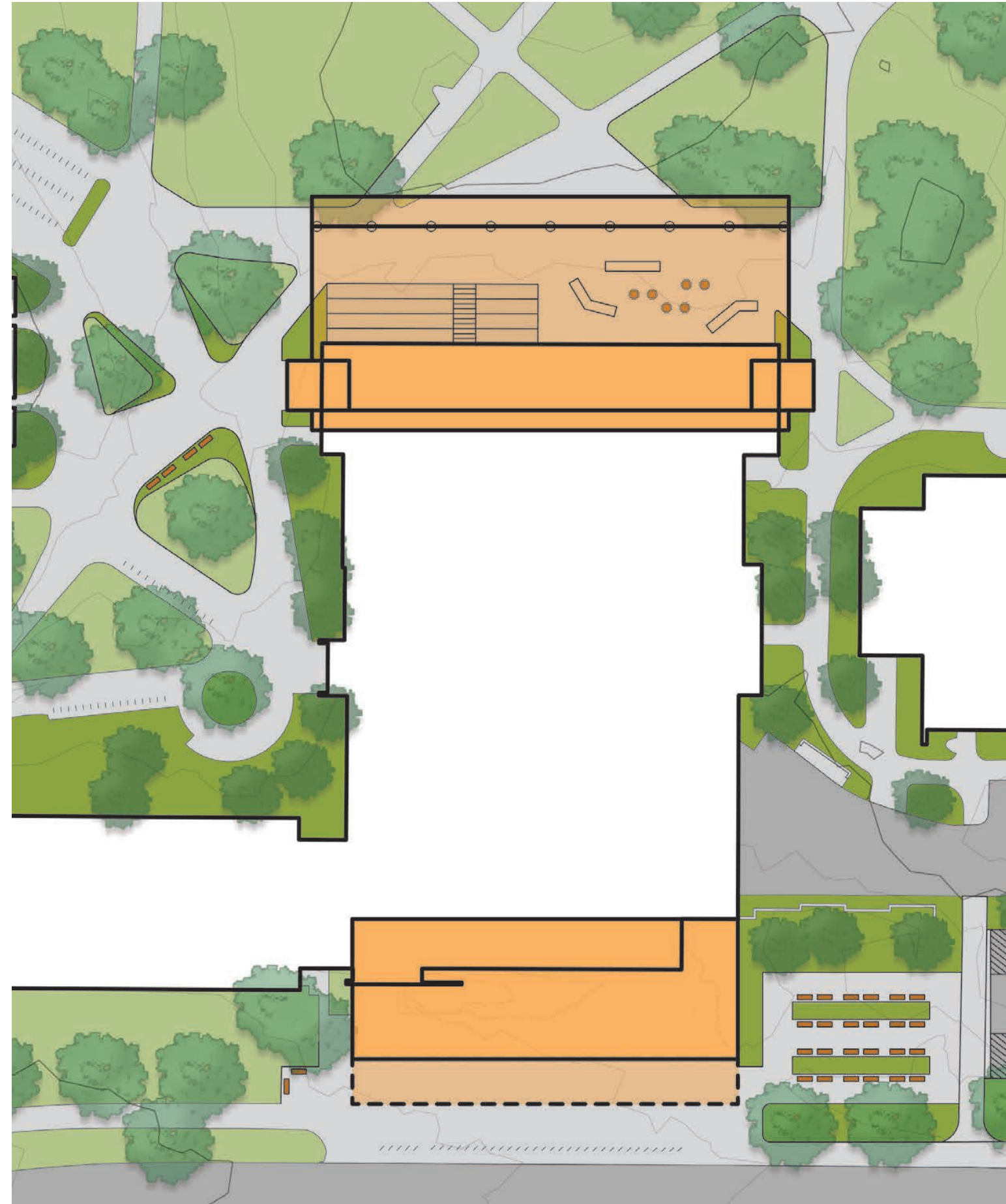


Site 2A: The Arc

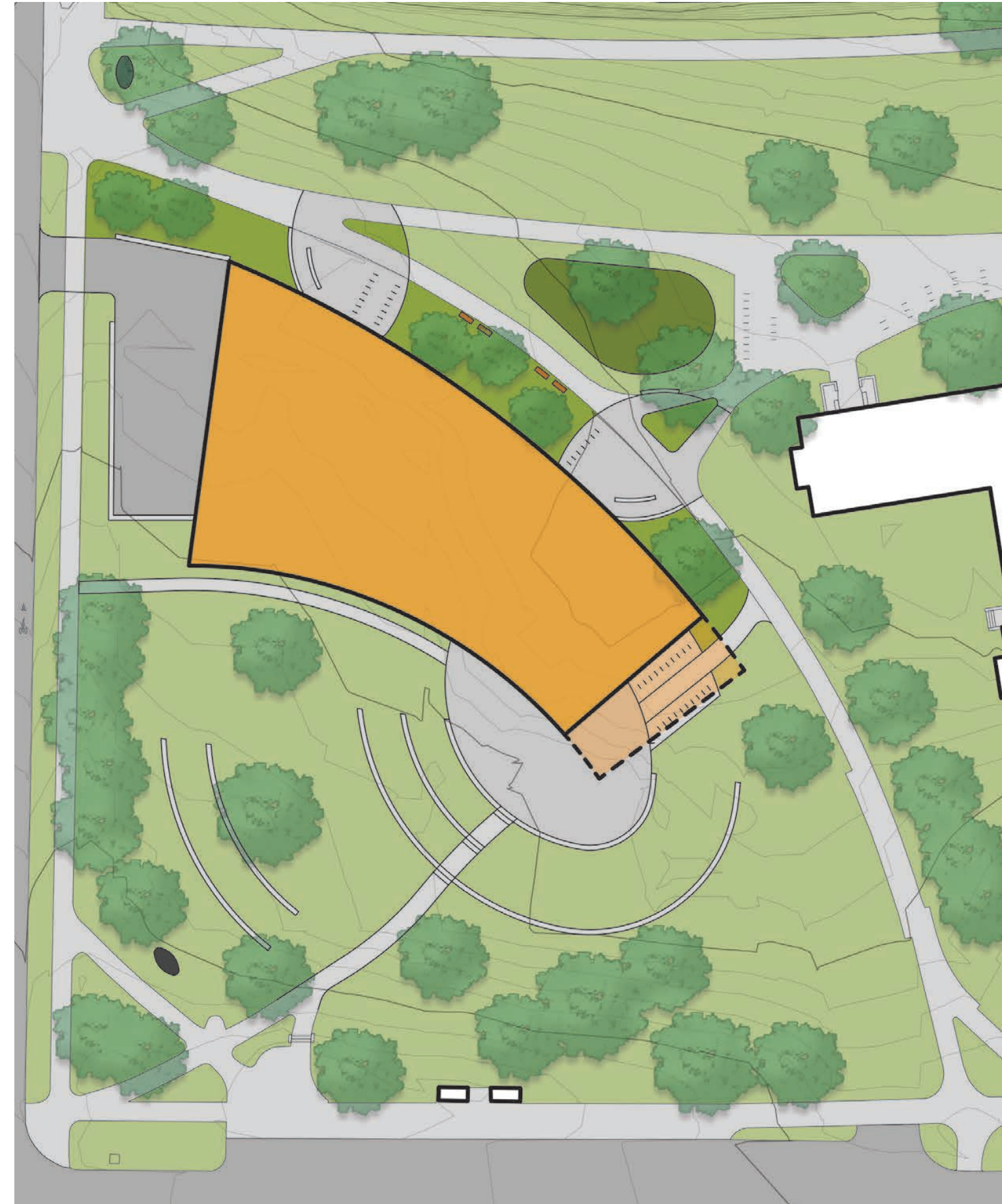


Site 2B: The Atrium

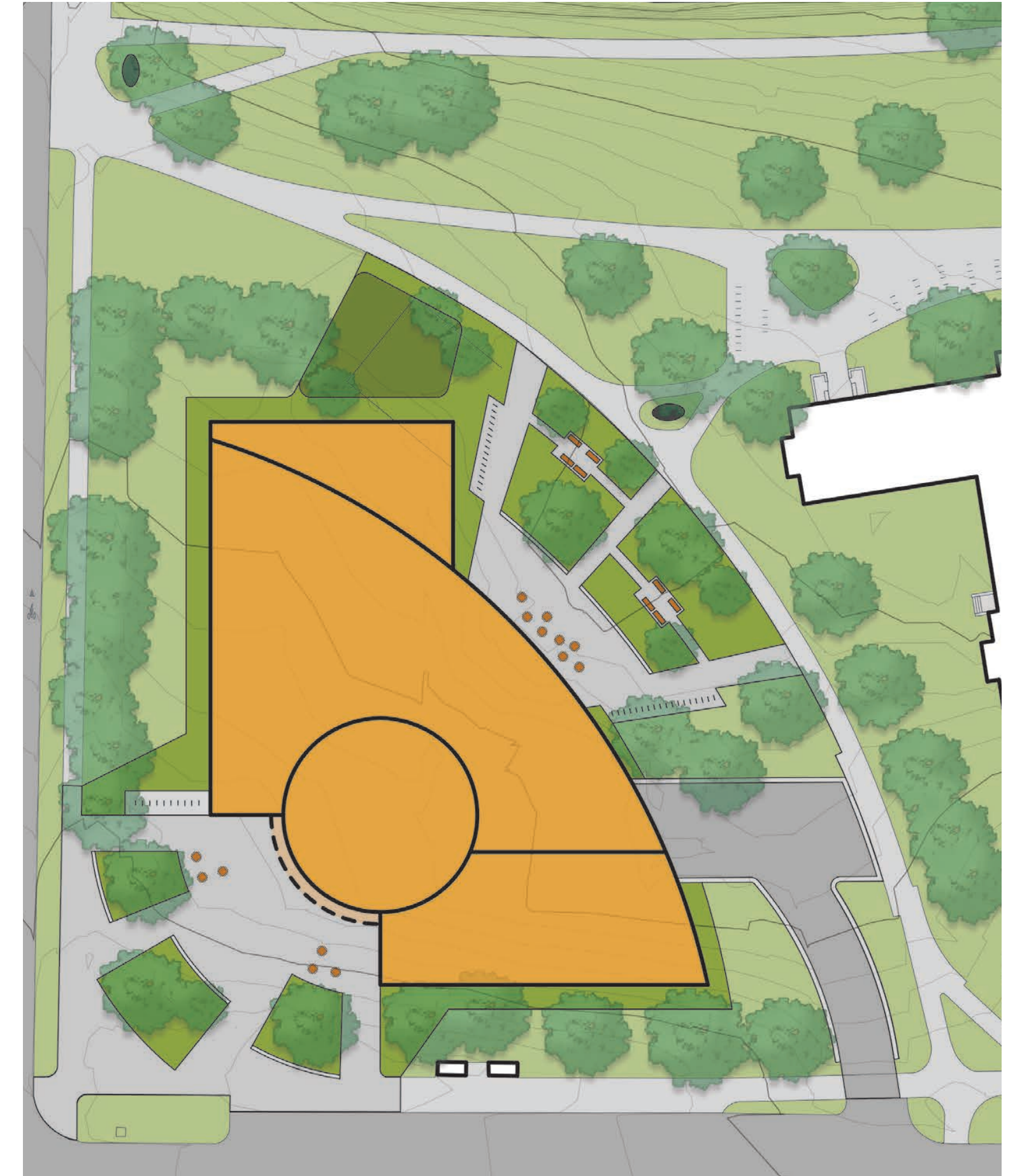
5.7 | EVALUATION | COMPARISON



Site 1: International Center



Site 2A: The Arc

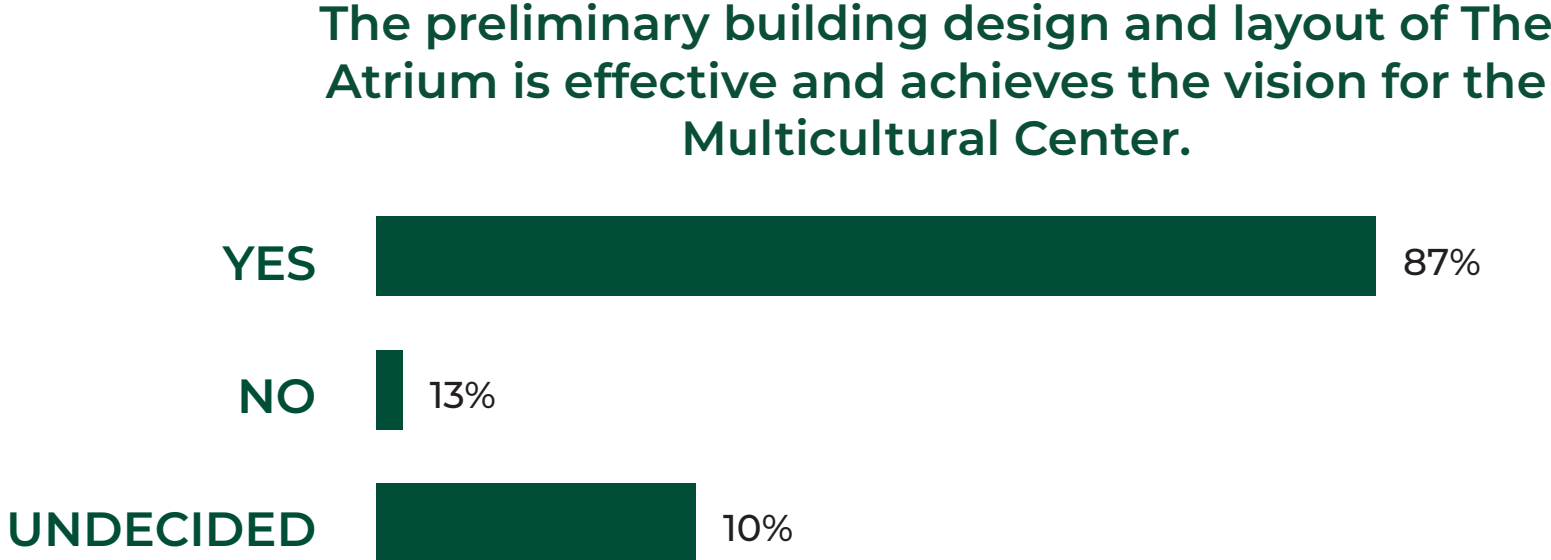
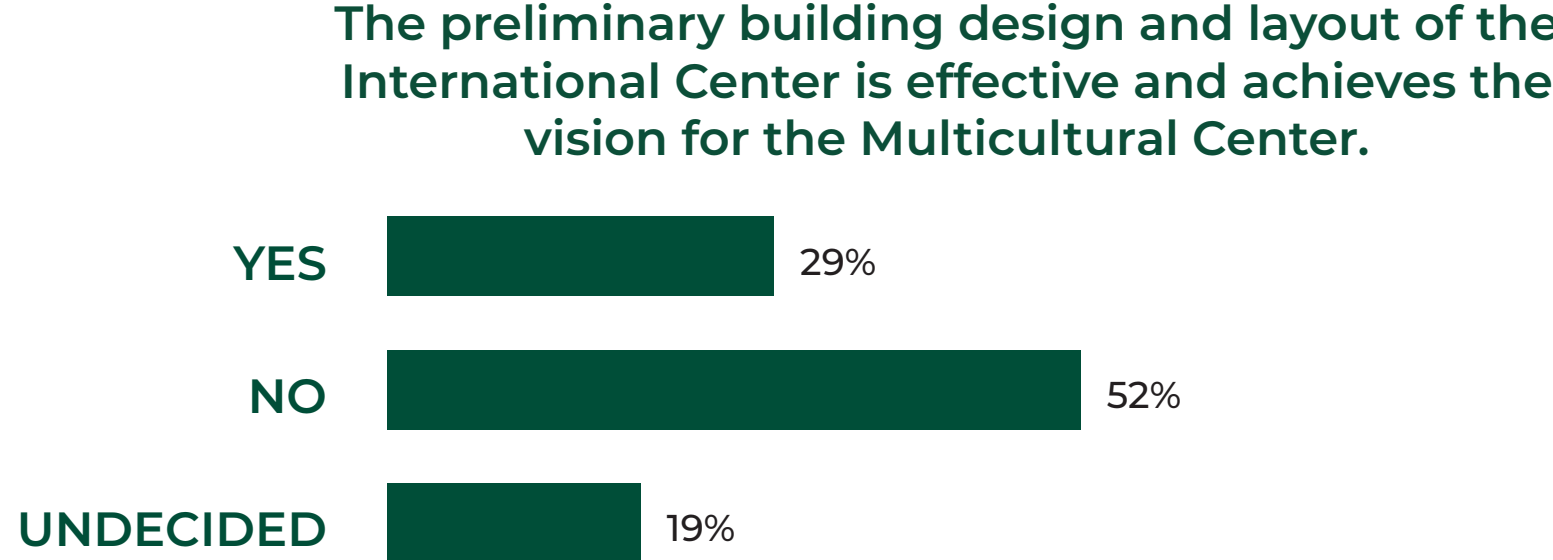
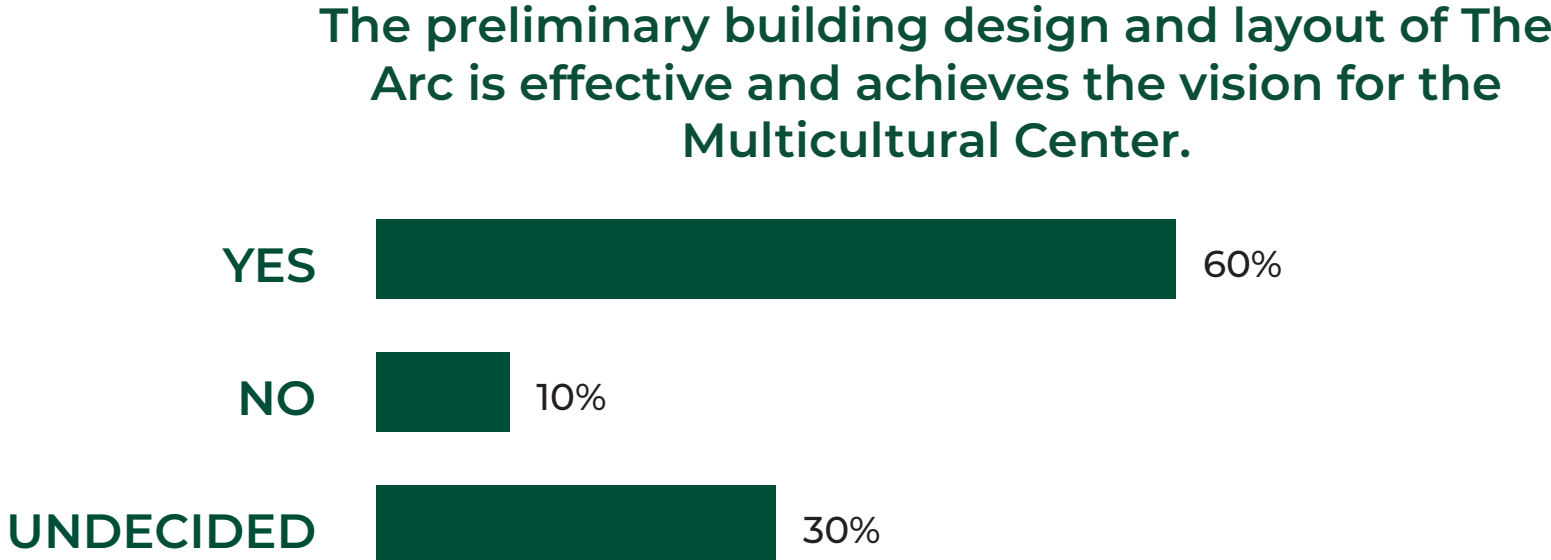
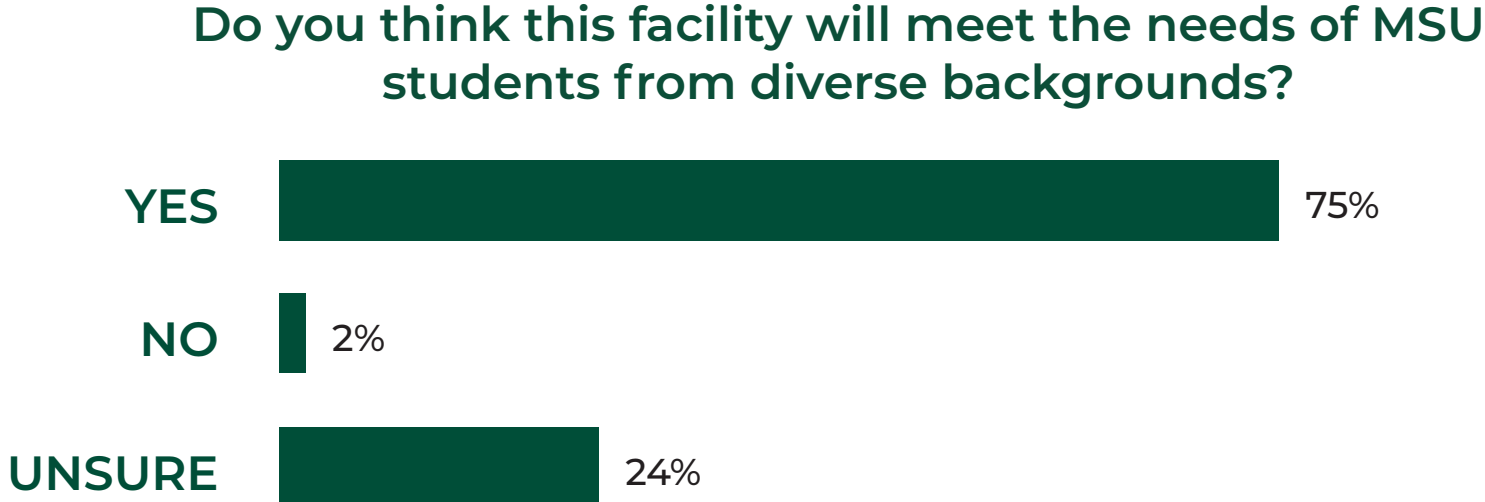


Site 2B: The Atrium

5.8 | EVALUATION | COMMUNITY ENGAGEMENT SESSION

Engagement Session Overview

In February 2021, the Project Team hosted a virtual community engagement session that was open to all students, alumni, faculty, and staff. The purpose of this meeting was to present the three design options and to gauge attendees thoughts, concerns, and interests. Will almost 90 participants in attendance, the following pages are an analysis of the poll questions taken throughout the presentation as well as the dialogue that was documented by participants via the chat function.



5.8 | EVALUATION | COMMUNITY ENGAGEMENT SESSION

Engagement Session Comments

Program / General

- These images are so beautiful!!
- Not sure if the LBGTRC is being considered for relocation, but I've really appreciated how safe their center feels & how essential they are to my feeling of wellbeing on campus. If they are being relocated, I know they'd make wonderful use of a larger space!
- Will there be any shop or stores rather than being Sparty's inside the building? For example the MSU Pavilion have Panera Bread.
- More international offerings would be a great idea!
- What technology/design aspects will be incorporated to make it accessible to those with disabilities other than an elevator?
- As someone who is disabled, I wonder will there be a spots that we can park that is close by?
- Definitely prefer 'lactation room' over 'mother's room', as some parents who do lactate are not mothers.
- Not as much a question as it is a point, but in considering the new location for the Rock, I think it would be important to consider how that monument has been used to spread hate speech in the past and to take that into consideration when choosing the new location. Further from the building would help distance this potential damage from the vision and function of the center.

Site 1: International Center

- How will the function of the international center work if the program is on two separate sides of the building.
- Having the international center's additions split up feels less unifying. I like the plazas of the atrium!!
- The international center feels very split up, no sense of community there in my opinion.
- So it's just connected by a hallway? yeah, that doesn't feel like a cohesive, prioritized space.
- Much of the input over the last 20 years that I can speak of has been for a free-standing building. I feel like combining it with the International Center sort of undercuts how this discussion for a new MCC came to be and slightly defeats the purpose. With that said, I do like the idea of the space on Farm/Shaw and am happy to see that there will still be green space left with the Arc design, though the atrium is beautiful and perhaps a bit more purposeful. That location is where the Latinx Alumni Assoc has been having our Homecoming Tailgate--so it'd be nicely fitting to continue to do that there with the Arc design.

Site 2: The Arc / The Atrium

- I personally think the atrium from above seems more approachable from the front even though the arc looks more architecturally interesting from above.
- I agree about that undercutting feeling, a freestanding building is an essential part of this multicultural center.
- I will say that I think it is important that we have a new freestanding building, since that is something that has been advocated for a long time.
- Absolutely agree! I think that the magnitude of having a new building would underscore the importance and visibility for what the purpose of this building is.
- That greenspace by shaw is beautiful, lots of sun! It would make a really great location for the multicultural building :)
- I definitely agree the multicultural building should be its own purposeful. I really like the atrium design, but I also really loved the outdoor seating of the arc design!
- I appreciate how the Atrium would fit into the Farm Lane architecture as well because it parallels Erickson and the observatory.
- I like the atrium plan with how it connects to the area around it, the paving toward it is really appealing and welcoming.
- That's a good point, because it is architecturally somewhat similar to Erickson-kiva.
- I prefer the atrium over the arc because I think that having a lot more glass in the front makes it a lot more approachable.
- The Atrium is in the ideal location to stand out on campus.
- I like the idea of a "backyard" mentioned & having a dedicated, large outdoor space next to the river.

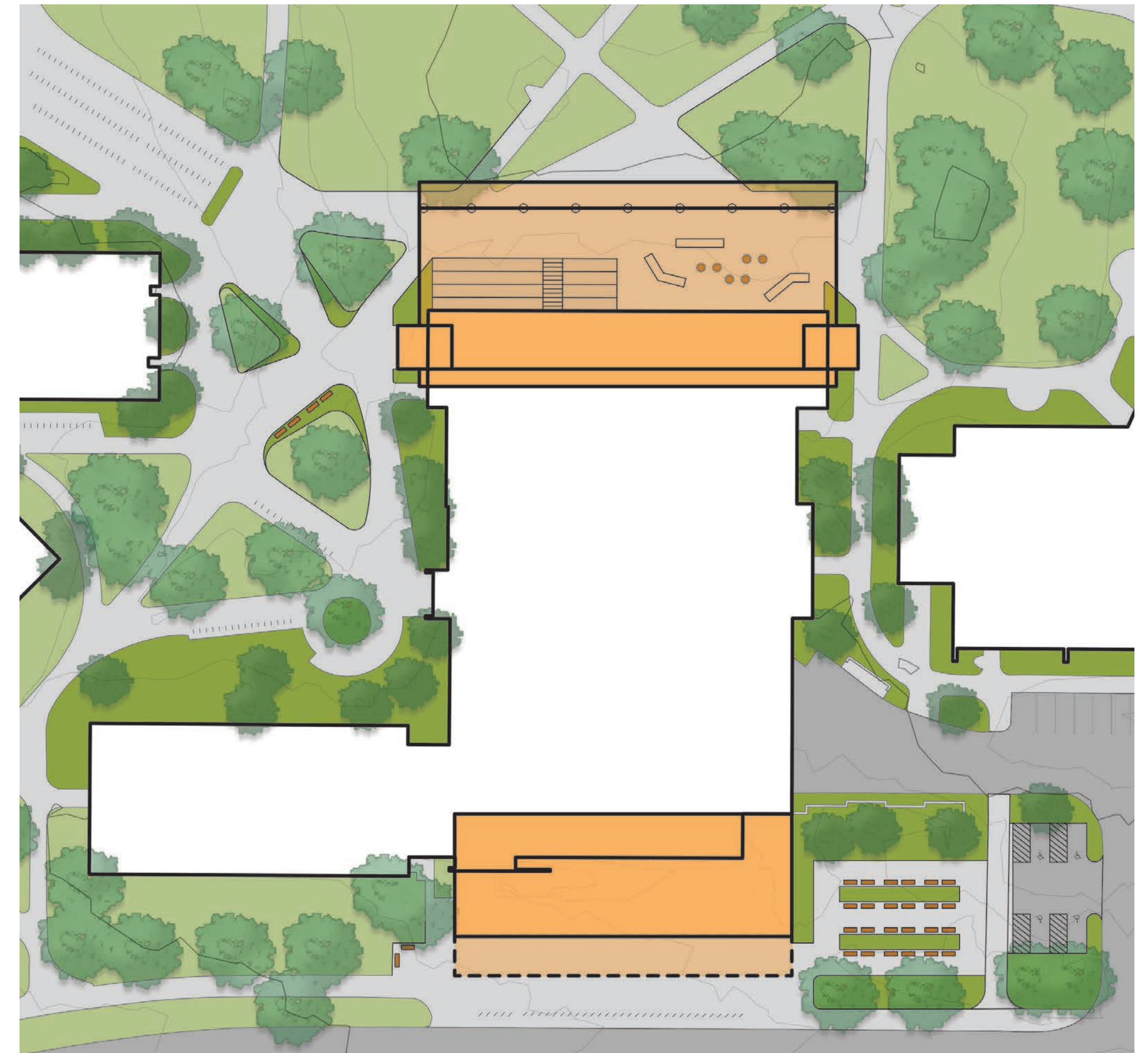
Site 2: (continued)

- I agree about how it fits into the nearby architecture, the atrium design reminds me a little of the business college building.
- Agreed I think based off results there is more support for the Arc and the Atrium so more information there might be useful.
- If y'all go with the atrium you guys should put a domed glass ceiling :)
- Is there a specific reason why the new buildings are located next to shaw? Cause I know many people have outdoor events, are there any other locations for the building?
- Shaw hall does tend to get packed during lunch times so I think some food location there would be good too.
- Great Presentation, the designs are wonderful. I really like the look of the Atrium and the Arc.

5.9 | EVALUATION | COST MODELS

Site 1: International Center - Base Program

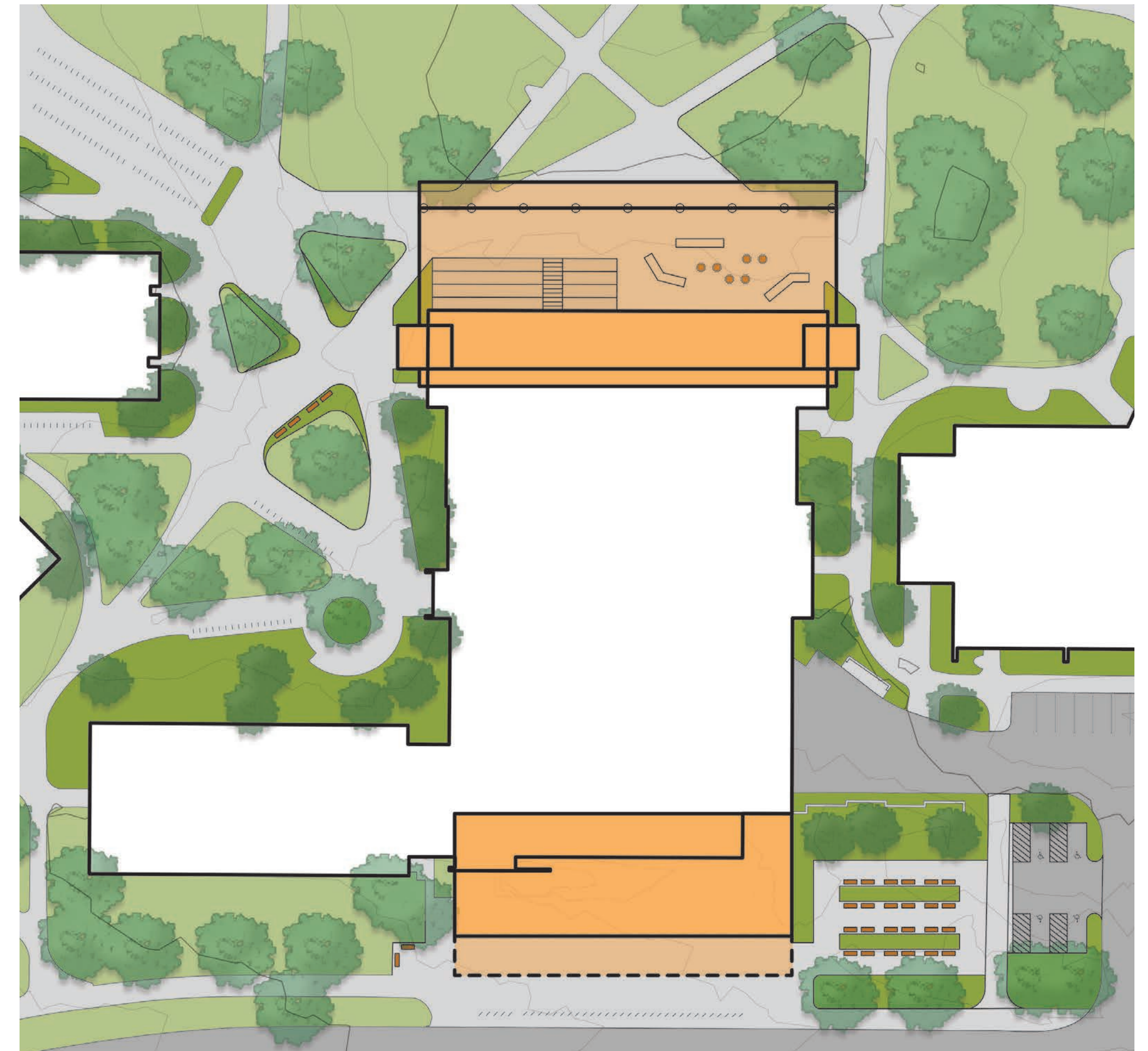
ITEM	AMOUNT	SUBTOTAL	TOTALS
Construction Costs			\$ 24,132,160
Addition / Renovation	30,066 GSF	\$ 22,655,060	
Site Work	1.50 AC	\$ 1,477,103	
University Project Costs			\$ 3,148,660
IPF Professional Services	3.80% of Project Cost	\$ 1,197,690	
A/E Fees	7.00%	\$ 1,624,280	
Other Consultants	0.50%	\$ 116,020	
Testing, Surveys, Soil Borings	0.20%	\$ 46,408	
Permits and Fees	0.30%	\$ 69,612	
Stormwater Management	LS	\$ 94,650	
Work by Owner			\$ 473,652
Commissioning	0.50%	\$ 116,020	
IPF Building Services	LS	\$ 167,500	
Landscape Services	LS	\$ 30,000	
IT Services	LS	\$ 100,000	
Moving / Relocation Costs	30,066 GSF	\$ 60,132	
Other Costs			\$ 4,183,926
Project Contingency	10.00% of Project Cost	\$ 3,193,840	
FFE Allowance	19,397 NSF	\$ 737,102	
Other Costs	LS	\$ 253,000	
TOTAL PROJECT ESTIMATE - BASE PROGRAM			\$ 31,938,000



5.9 | EVALUATION | COST MODELS

Site 1: International Center - Additional Program Options

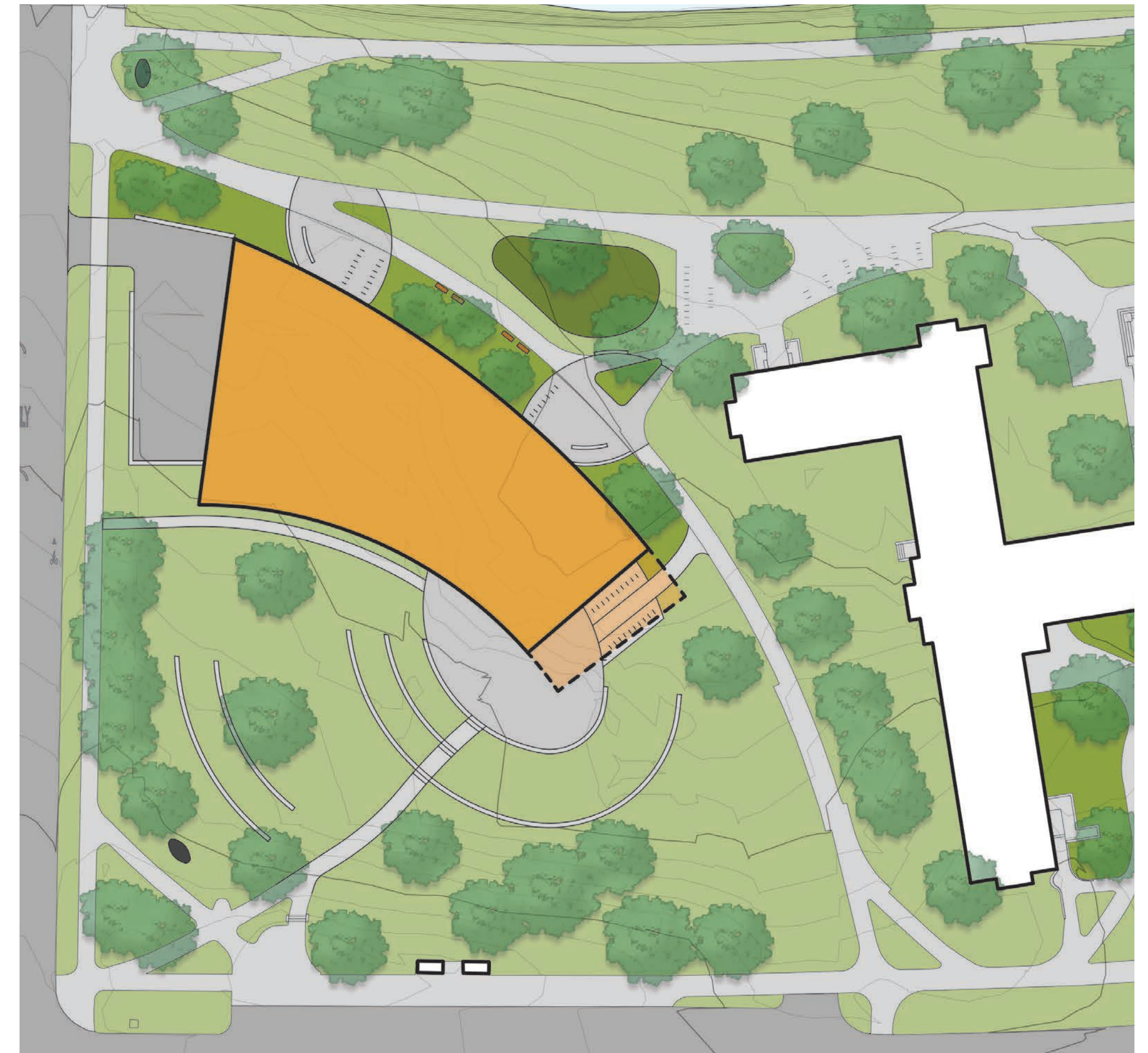
ITEM	MIN. SQ FT	SUBTOTAL	TOTALS
Base Program (from previous table)			\$ 31,938,000
Construction Costs	-	\$ 24,132,160	
University Project Costs	-	\$ 3,148,660	
Work by Owner	-	\$ 473,652	
Other Costs	-	\$ 4,183,926	
Additional Programming Options			\$ 20,639,000
Dance Practice Space	1,240 GSF	\$ 775,000	
International Sparty's Space	3,100 GSF	\$ 2,215,000	
Large Event Space	17,800 GSF	\$ 17,649,000	
TOTAL PROJECT ESTIMATE - BASE + ADDITIONAL			\$ 52,577,000



5.9 | EVALUATION | COST MODELS

Site 2A: The Arc - Base Program

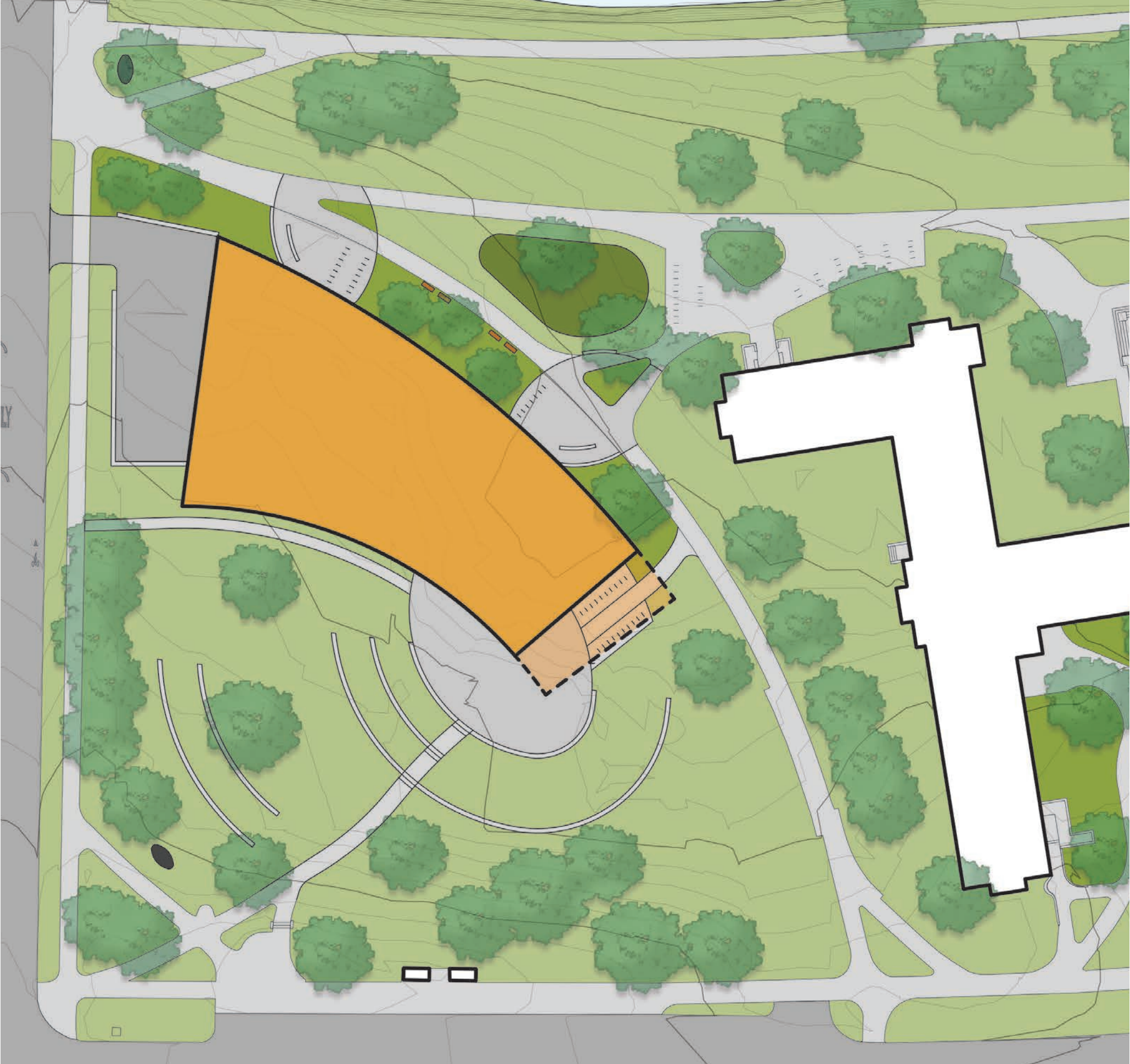
ITEM	AMOUNT	SUBTOTAL	TOTALS
Construction Costs			\$ 27,283,360
New Construction	38,782 GSF	\$ 24,660,567	
Site Work	2.50 AC	\$ 2,622,793	
University Project Costs			\$ 3,548,447
IPF Professional Services	3.80% of Project Cost	\$ 1,355,077	
A/E Fees	7.00%	\$ 1,836,380	
Other Consultants	0.50%	\$ 131,170	
Testing, Surveys, Soil Borings	0.20%	\$ 52,468	
Permits and Fees	0.30%	\$ 78,702	
Stormwater Management	LS	\$ 94,650	
Work by Owner			\$ 486,234
Commissioning	0.50%	\$ 131,170	
IPF Building Services	LS	\$ 147,500	
Landscape Services	LS	\$ 30,000	
IT Services	LS	\$ 100,000	
Moving / Relocation Costs	38,782 GSF	\$ 77,564	
Other Costs			\$ 4,817,336
Project Contingency	10.00% of Project Cost	\$ 3,613,538	
FFE Allowance	25,021 NSF	\$ 950,798	
Other Costs	LS	\$ 253,000	
TOTAL PROJECT ESTIMATE - BASE PROGRAM			\$ 36,136,000



5.9 | EVALUATION | **COST MODELS**

Site 2A: The Arc - Additional Program Options

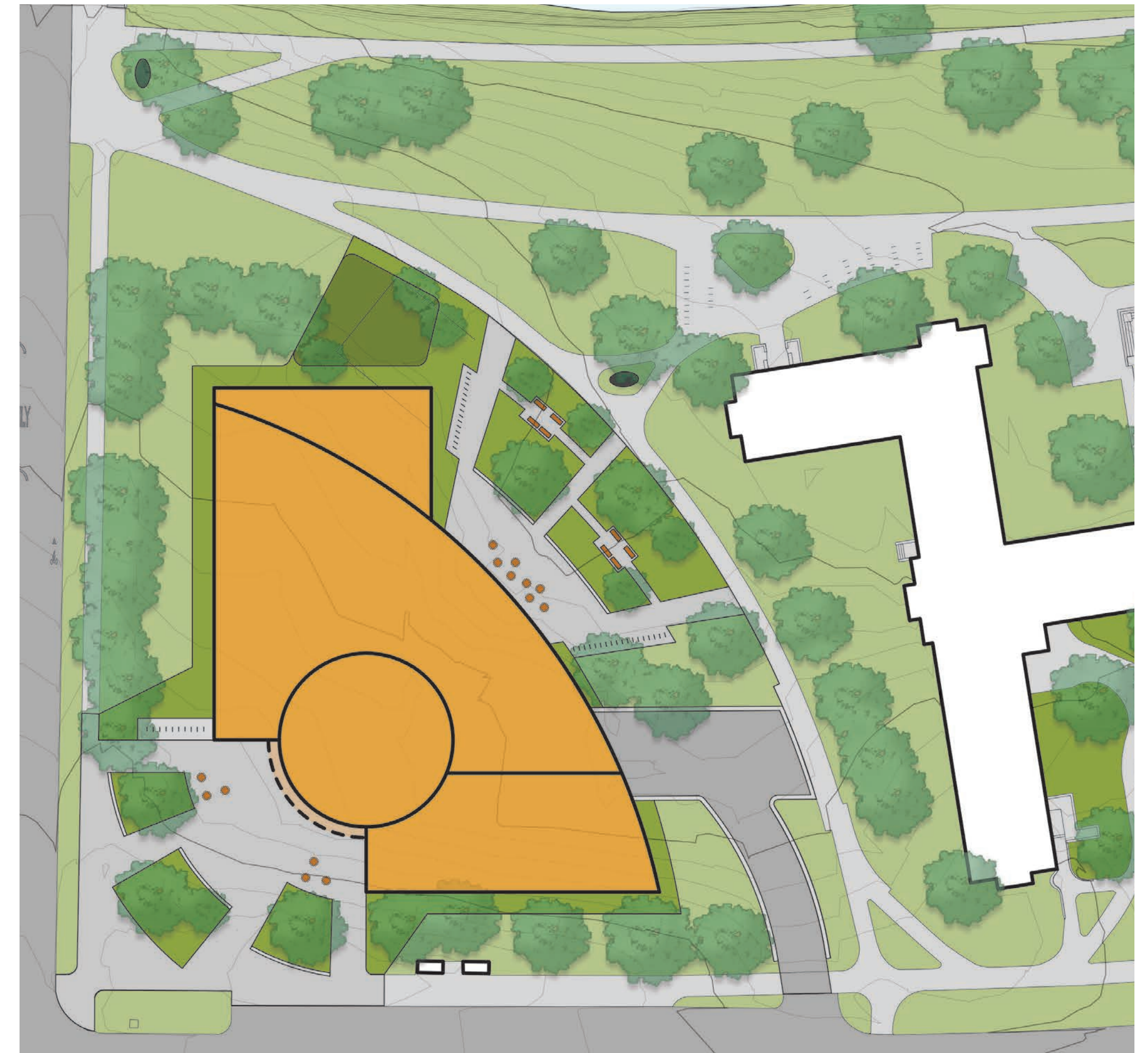
ITEM	MIN. SQ FT	SUBTOTAL	TOTALS
Base Program (from previous table)			\$ 36,136,000
Construction Costs	-	\$ 27,283,360	
University Project Costs	-	\$ 3,548,447	
Work by Owner	-	\$ 486,234	
Other Costs	-	\$ 4,817,336	
Additional Programming Options			\$ 19,417,000
Dance Practice Space	1,240 GSF	\$ 729,000	
International Sparty's Space	3,100 GSF	\$ 2,084,000	
Large Event Space	17,800 GSF	\$ 16,604,000	
TOTAL PROJECT ESTIMATE - BASE + ADDITIONAL			\$ 55,553,000



5.9 | EVALUATION | COST MODELS

Site 2B: The Atrium - Base Program

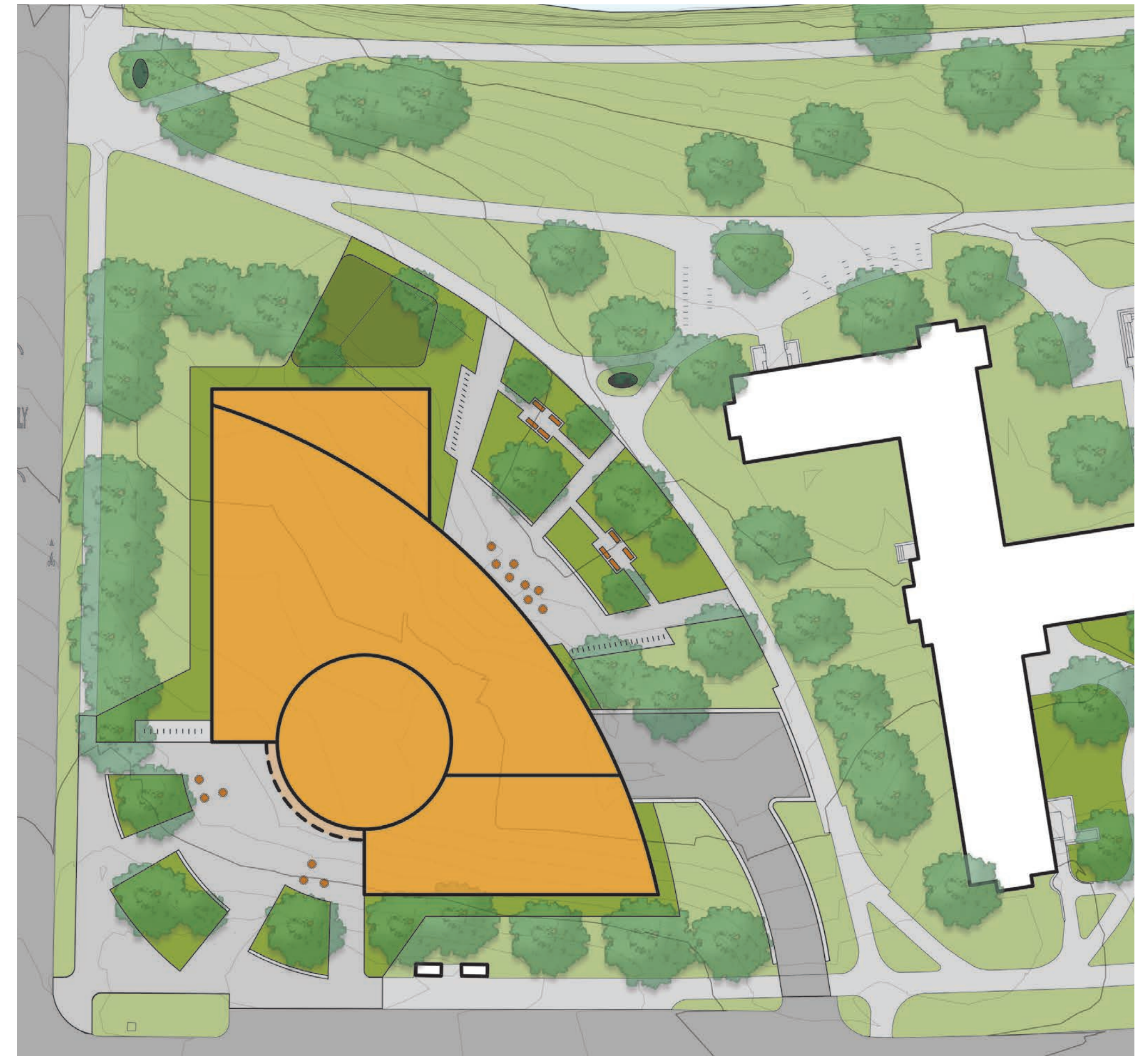
ITEM	AMOUNT	SUBTOTAL	TOTALS
Construction Costs			\$ 25,475,840
Addition / Renovation	38,782 GSF	\$ 23,257,033	
Site Work	2.50 AC	\$ 2,218,807	
University Project Costs			\$ 3,324,396
IPF Professional Services	3.80% of Project Cost	\$ 1,270,066	
A/E Fees	7.00%	\$ 1,714,720	
Other Consultants	0.50%	\$ 122,480	
Testing, Surveys, Soil Borings	0.20%	\$ 48,992	
Permits and Fees	0.30%	\$ 73,488	
Stormwater Management	LS	\$ 94,650	
Work by Owner			\$ 477,544
Commissioning	0.50%	\$ 122,480	
IPF Building Services	LS	\$ 147,500	
Landscape Services	LS	\$ 30,000	
IT Services	LS	\$ 100,000	
Moving / Relocation Costs	38,782 GSF	\$ 77,564	
Other Costs			\$ 4,590,640
Project Contingency	10.00% of Project Cost	\$ 3,386,842	
FFE Allowance	25,021 NSF	\$ 950,798	
Other Costs	LS	\$ 253,000	
TOTAL PROJECT ESTIMATE - BASE PROGRAM			\$ 33,868,000



5.9 | EVALUATION | COST MODELS

Site 2B: The Atrium - Additional Program Options

ITEM	MIN. SQ FT	SUBTOTAL	TOTALS
Base Program (from previous table)			\$ 33,868,000
Construction Costs	-	\$ 25,475,840	
University Project Costs	-	\$ 3,324,396	
Work by Owner	-	\$ 477,544	
Other Costs	-	\$ 4,590,640	
Additional Programming Options			\$ 18,320,000
Dance Practice Space	1,240 GSF	\$ 688,000	
International Sparty's Space	3,100 GSF	\$ 1,966,000	
Large Event Space	17,800 GSF	\$ 15,666,000	
TOTAL PROJECT ESTIMATE - BASE + ADDITIONAL			\$ 52,188,000





MSU MULTICULTURAL CENTER FEASIBILITY REPORT

6. CONCLUSION

6.1 | CONCLUSION | SUMMARY

Site 1: International Center

OPPORTUNITIES

Leverages existing building, infrastructure, and outdoor site amenities

Creates dramatic, welcoming entries to the original International Center and to central campus

Massing and exterior building design relates to existing character and surrounding context

Site design underneath the north addition creates unique, covered public space

CONSTRAINTS

North addition encroaches on People's Park

South addition encroaches on the setback at Shaw Lane

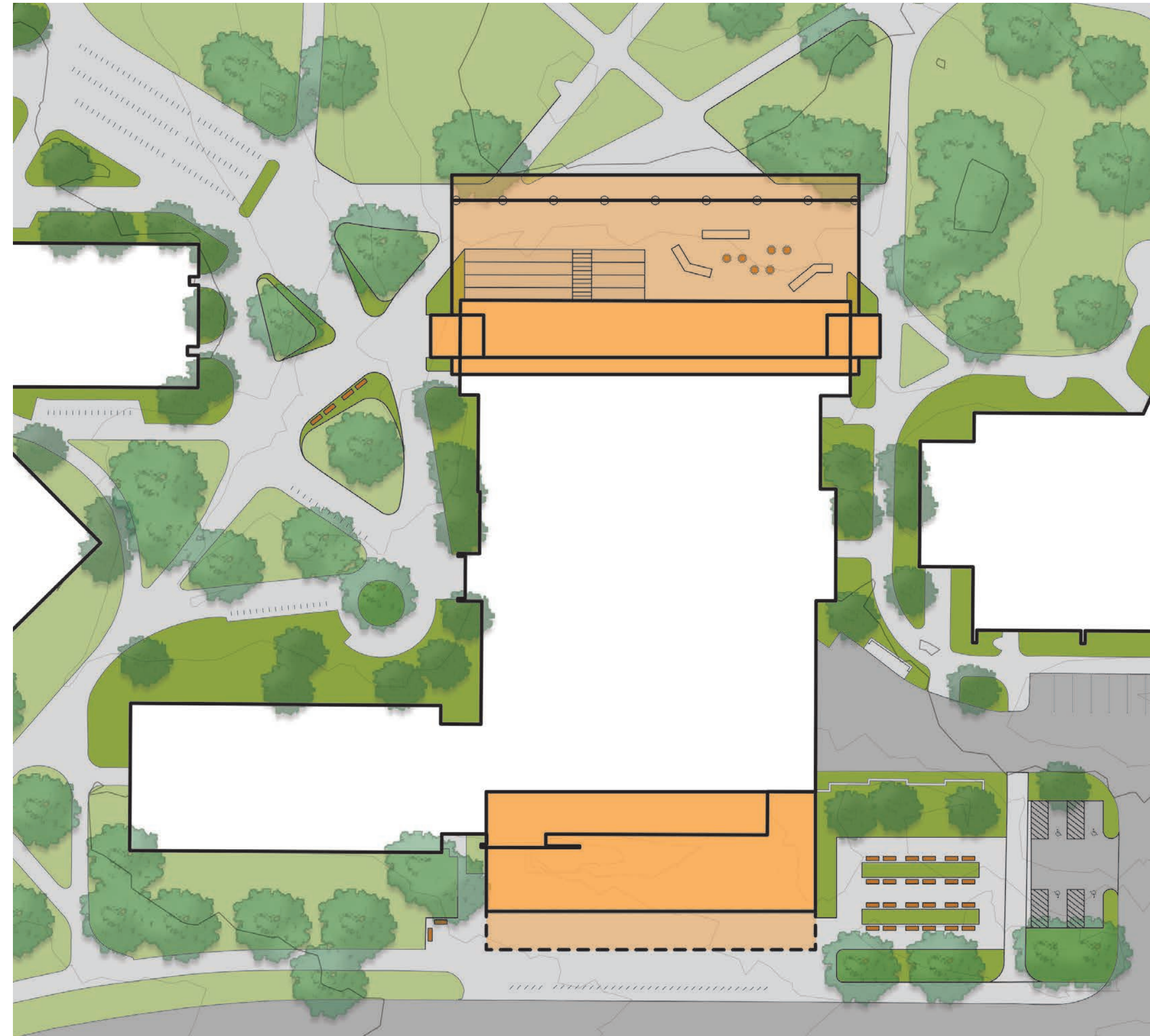
South addition with need to negotiate differing floor elevations of International Center

Future MCC is bifurcated by existing programming as well as the loading area and service drive

Building footprint offers less efficient programming layout

Design requires overhaul of existing facade to coordinate with new additions

South addition requires relocation and reconfiguration of accessible parking spaces



6.1 | CONCLUSION | SUMMARY

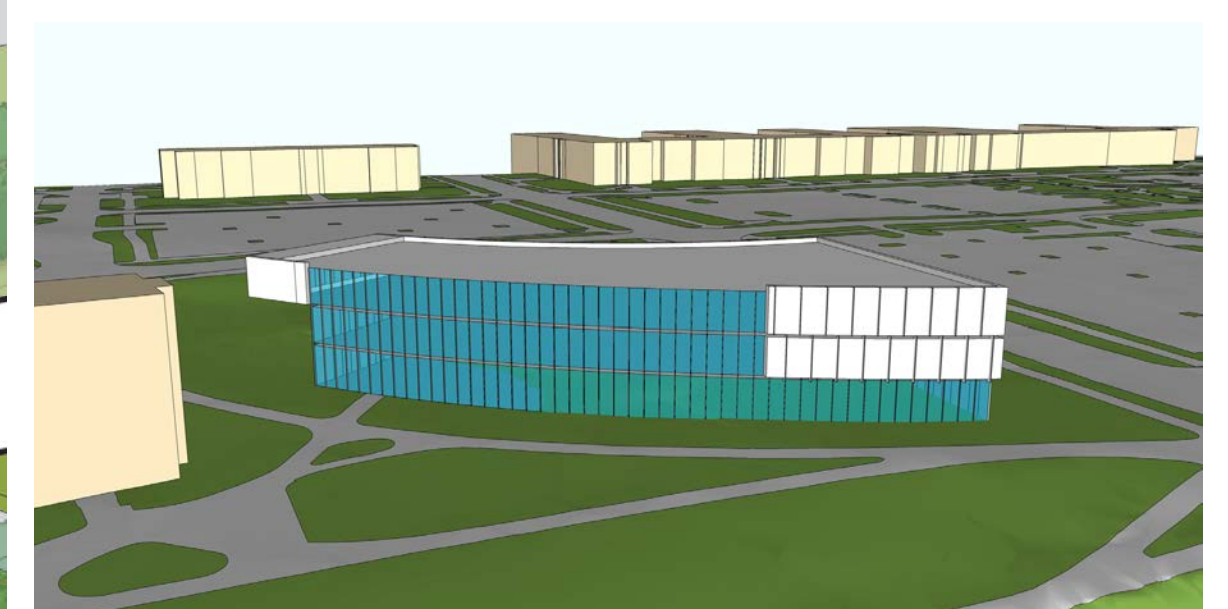
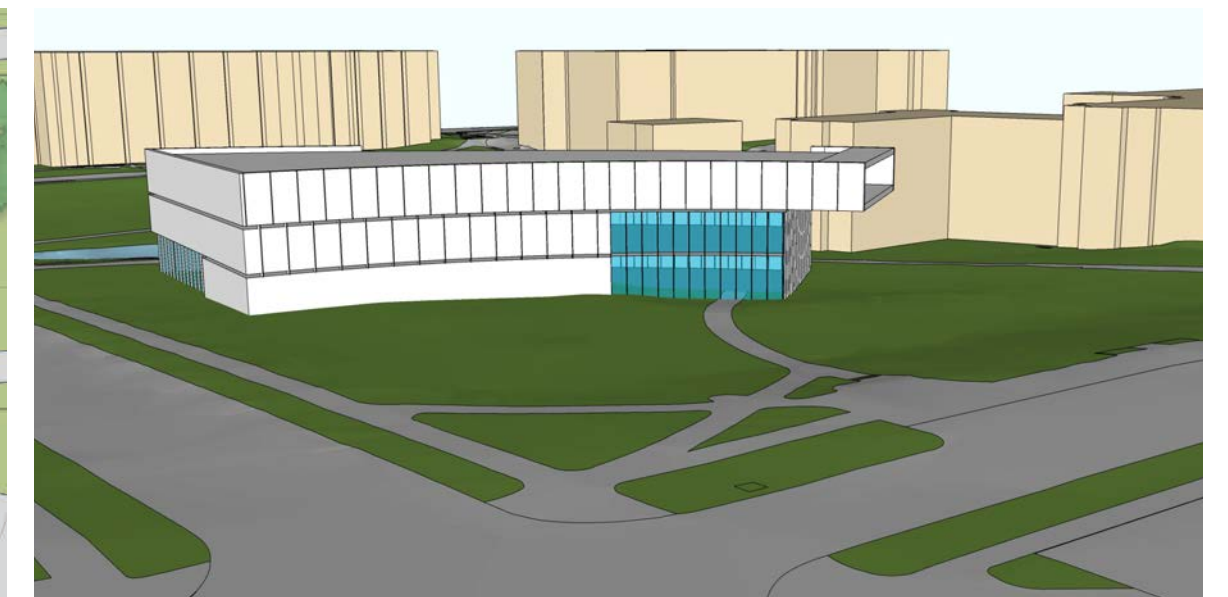
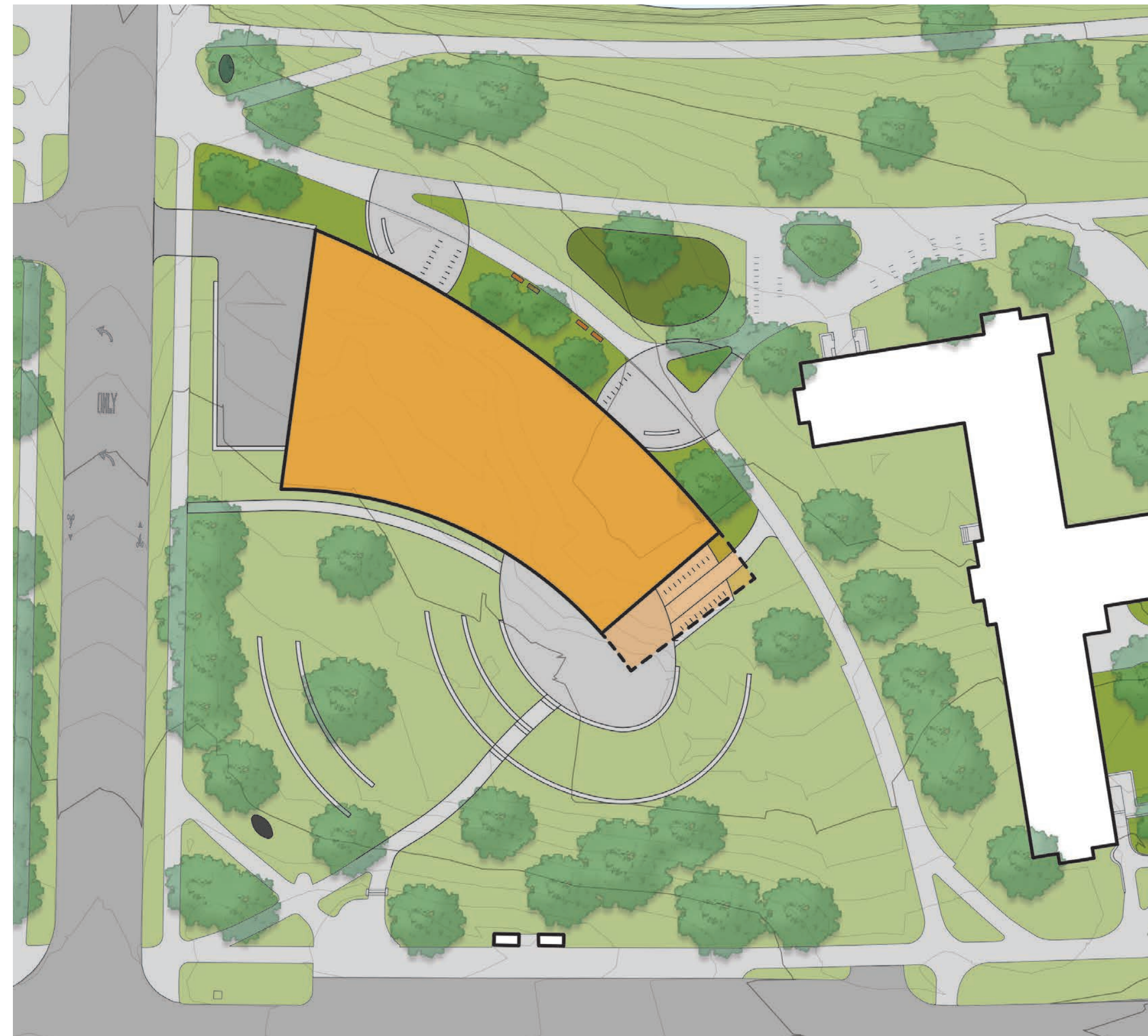
Site 2A: The Arc

OPPORTUNITIES

- Maximizes overall efficiency of open site area
- Provides opportunity for significant expansion in the future towards the southeast
- Site design with outdoor amphitheater built into the hillside received positive comments among students
- Offers space that is specific to the MCC users' wants and needs
- Building depth is ideal for energy efficiency
- Proximity of building to river capitalizes on views and connections to nature

CONSTRAINTS

- Building footprint and curved walls creates inefficiencies with programming layout
- Requires reworking of existing sidewalks and circulation paths located on site
- Loading dock and service drive cannot be placed completely hidden from view or outside of pedestrian circulation routes
- Location of building entries and slope conditions poses challenges for accessible parking



6.1 | CONCLUSION | SUMMARY

Site 2B: The Atrium

OPPORTUNITIES

Building and site design most preferred by students and committee members

Establishes prominence at intersection of N. Shaw Lane and Farm Lane with iconic focal point

Offers space that is specific to the MCC users' wants and needs

Utilizes topography to blend into the surrounding context on the north and south side of building

Loading dock and service drive utilizes existing curb cut and is mostly hidden from view

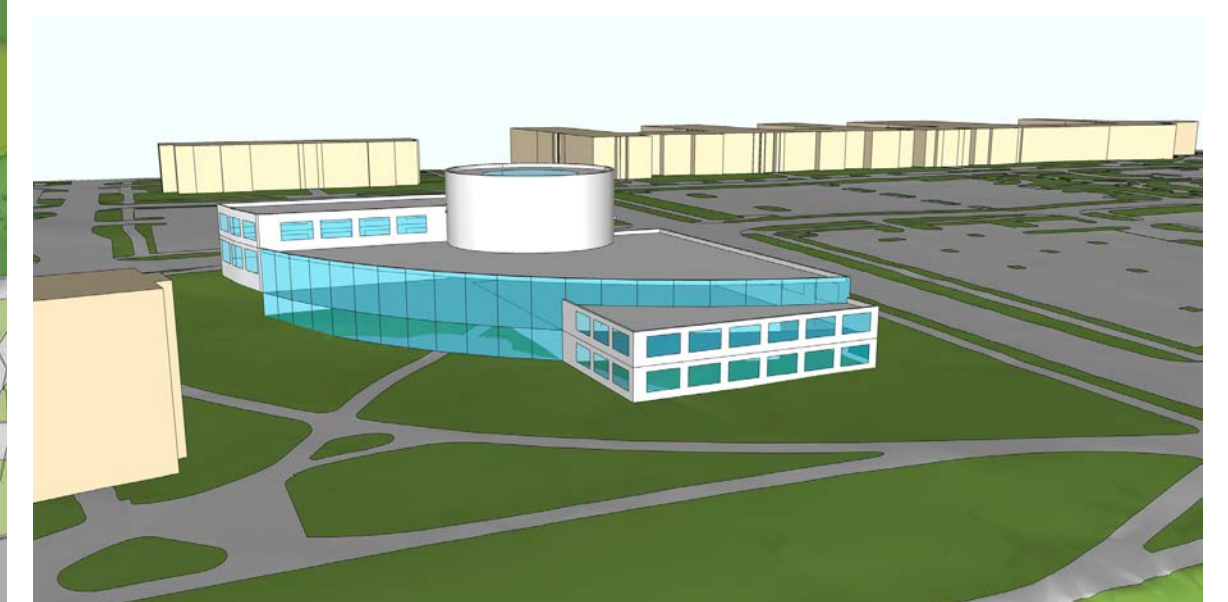
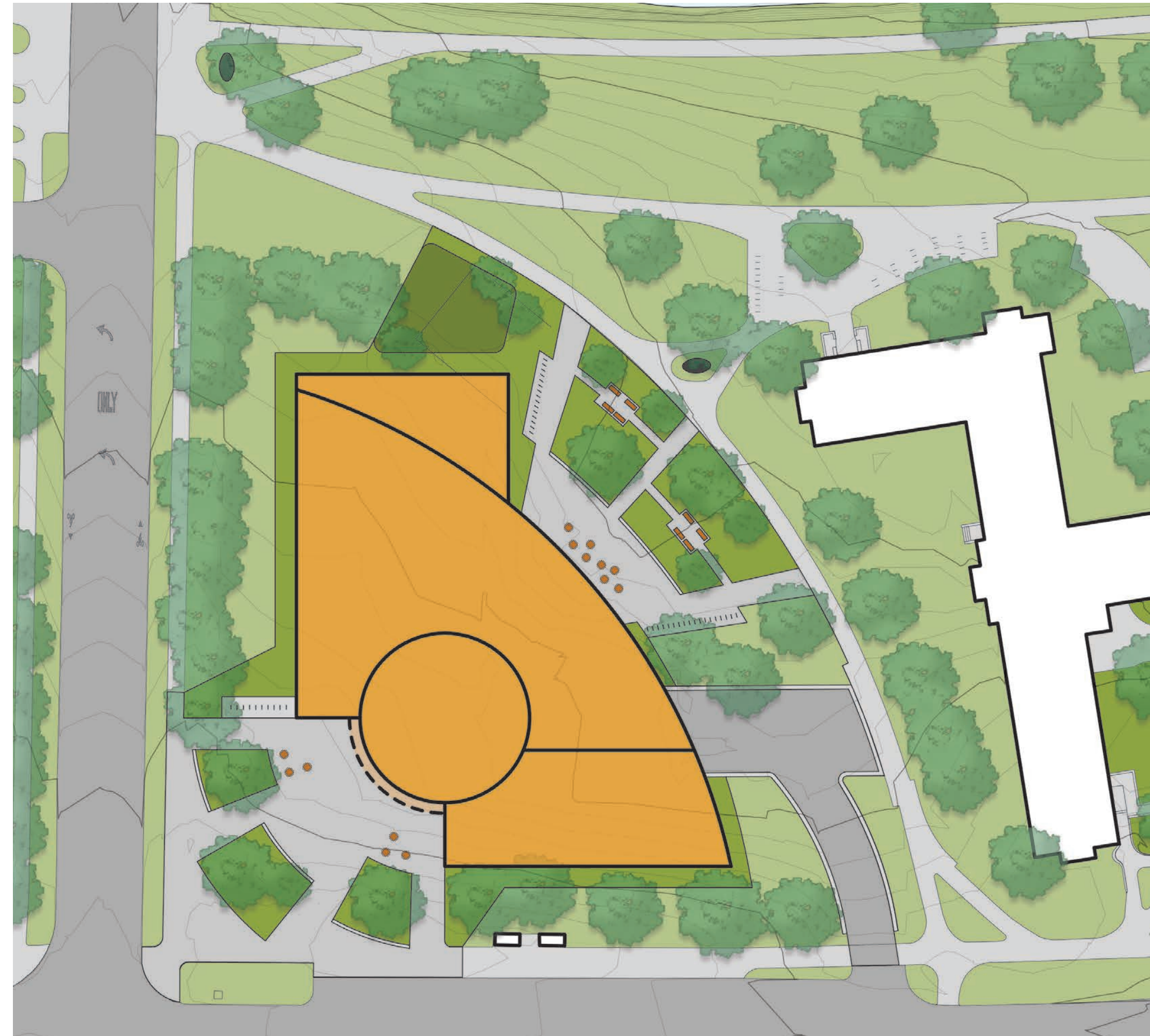
CONSTRAINTS

Building footprint creates less efficiencies with programming layout on the ground floor

Requires removal of mature trees across the site

Requires more extensive cut and fill

Pedestrian circulation across site from northeast to southwest now requires building access



6.2 | CONCLUSION | **PRELIMINARY BUILDING CODE SUMMARY**

Site 1: International Center

The proposed North and South additions to the existing International Center will be designed to comply with the 2015 Michigan Building Code (MBC) and the 2015 Michigan Rehabilitation Building Code where applicable. If this building option is pursued, a thorough code analysis will be performed that will confirm occupancy classification(s), construction type, and any area or height constraints. Fire resistance ratings of egress components and structural elements will be determined as well as any applicable fire separations.

Our cursory analysis demonstrates that we are able to satisfy required egress and minimum travel path by adding an additional set of stairs to the North addition as this is required to meet the minimum egress for the occupancy and capacity proposed.

Regarding fire suppression, several strategies may be considered. If the University would like the additions to function as separate buildings designed to meet the requirements of fully sprinklered buildings while leaving the existing international center non-sprinklered, applicable requirements of section MBC 706-Fire Walls will be followed. Alternatively, the existing building and additions may be considered one non-sprinklered building if the building meets the area and height limits of table 506 based on the appropriate construction type. Selective areas of the building may be sprinklered in this scenario, but the building would be required to comply with all code requirement associated with a non-sprinklered building. The programming, cost, and life safety implications of these two options will be thoroughly evaluated in subsequent design phases.

6.2 | CONCLUSION | **PRELIMINARY BUILDING CODE SUMMARY**

Site 2A: The Arc

Building 2A, "The Arc" will be designed to comply with the 2015 Michigan Building Code (MBC). If this building option is pursued, a thorough code analysis will be performed that will confirm occupancy classification(s), construction type, and fire resistance ratings of fire separations and structural elements. Occupant loads will be calculated and egress compliance thoroughly evaluated.

Preliminary assumptions are as follows: This three-story +/- 66,300 SF building is proposed to be classified as separated mixed-use with Business(B) and Assembly occupancies (A2 & A3) as the primary uses. Occupancies will be separated per table 508.4. The proposed building area, height, and number of stories are likely to conform with that allowed in tables 504.3 (height), 504.49 (stories), and section 506.2.4 (mixed use multi-story area limits) for type IIB construction.

Fire resistance of structural elements are non-rated per MBC tables 601 and 602 for this construction type. The building's accessible location and proximity to public ways allows for a significant area increase factor per section 506.3 as well as a non-rated exterior walls due to fire separation distance. Exit passageways and stair shafts will have a 1 hour rating per sections 1024.3 and 1023.2.

Required means of egress and travel paths will be achieved by strategically placing sufficient stairs throughout the building to meet the minimums required for the occupancy and capacity proposed. Three exits will be provided from the large assembly/event space if the occupant load remains in the 501-1000 range.

6.2 | CONCLUSION | **PRELIMINARY BUILDING CODE SUMMARY**

Site 2B: The Atrium

Building 2B, “The Atrium” will be designed to comply with the 2015 Michigan Building Code (MBC). If this building option is pursued, a thorough code analysis will be performed that will confirm occupancy classification(s), construction type, and fire resistance ratings of fire separations and structural elements. Occupant loads will be calculated and egress compliance thoroughly evaluated.

Preliminary assumptions are as follows: This three-story +/- 66,300 SF building is proposed to be classified as separated mixed-use with Business(B) and Assembly occupancies (A2 & A3) as the primary uses. Occupancies will be separated per table 508.4. The proposed building area, height, and number of stories are likely to conform with that allowed in tables 504.3 (height), 504.49 (stories), and section 506.2.4 (mixed use multi-story area limits) for type IIB construction.

Fire resistance of structural elements are non-rated per MBC tables 601 and 602 for this construction type. The building’s accessible location and proximity to public ways allows for a significant area increase factor per section 506.3 as well as a non-rated exterior walls due to fire separation distance. Exit passageways and stair shafts will have a 1 hour rating per sections 1024.3 and 1023.2.

Required means of egress and travel paths will be achieved by strategically placing sufficient stairs throughout the building to meet the minimums required for the occupancy and capacity proposed. Three exits will be provided from the large assembly/event space if the occupant load remains in the 501-1000 range.

6.3 | CONCLUSION | APPENDIX

Appendix Document

Please see the Appendix Document provided to review the MEP, structural, and site design narratives supplied for cost estimating as well as the full cost analysis.



1.1 | NARRATIVES | STRUCTURAL NARRATIVE, SITE 1



STRUCTURAL NARRATIVE (SITE 1)

A) General Description

The program consists of design and construction of a 47,930 +/- GSF additions to the existing International Center located at Michigan State University in Lansing, MI. Renovations to the existing ground and first levels will be included. The new building additions will be consisted of two main levels (2nd and 3rd). Due to difficulty in separating the new additions from the existing building, the whole building (existing and addition) shall require code analysis, including seismic evaluation and snow drift analysis, and possible reinforcement to meet the recent applicable structural codes. The new upper floors will be framed with composite steel beams and concrete on metal deck. Floor to floor height to be 15'-00" +/- with the building columns bearing on conventional shallow spread footings, similar to the existing building foundations. New elevators and stairs shafts will be constructed of masonry walls bearing on shallow continuous footing. Since, the new additions may require the construction of new columns going thru the existing building floors and roof, this will interrupt the existing building operations, if the existing building shall be in use during construction.

B) Structural Framing Systems

1. Existing Building Construction

a. Building Superstructure

The existing roof system consists of metal deck on open web steel joists, while the existing first floor consists of reinforced concrete system. Since the new additions are higher than the existing roof, snow drift will be accumulated on the existing roof adjacent to the new higher roofs and may require reinforcement for the roof deck and the open web joist at those locations. Reinforcement of existing roof structural elements will be required for any new roof top units.

b. Foundations

Most existing foundations will remain and reinforced as required. It is assumed that the existing foundations are shallow foundations. Size, depth and layout of the existing foundations to be verified in the following phases.

c. Lateral Load System

Given the lack of original structural drawings, the lateral load resisting system most likely relies on steel moment frames and shear walls.

2. New Construction / Renovations

a. Roof Framing

The structural roof framing system will consist of 1 1/2" – wide rib 20 gage minimum metal deck spanning between steel beams and/or open web joists at 7'-0" on center (max.). The framing will be supported on steel columns. Roof Framing will be designed to support the imposed service loads, mechanical equipment where required, wind loads on screen walls (if any), and additional loads due to snow drifting at projections above the roof. Steel moment and braced frame connection design will be performance specification based, where the sub-

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THANK YOU

