

Breathing New Life Into Disused Developments to Foster Resilience

Landscapes and environments should not be limited to nature, but continued through what is designed in the built environment. A sense of place, human scale, and taking cues from the natural world should be a necessity in the creation of architecture. Through the adaptive reuse of abandoned box stores and sites which lay across the American landscape of cities and towns today, revitalization can breathe life back into ghost areas. Designing a development which promotes walkability, interactions, and connections, a resilient form of the urban environment can emerge.



Designing

Taking the scale of

and applying it to

the historic downtown

to promote walkability

and interactions across

Density





Existing Site Conditions



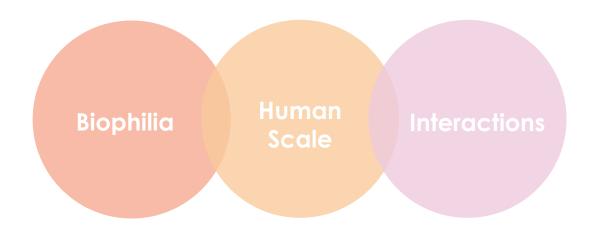
connects Minnesota to Wisconsin. This area has high vehicle traffic and there is low pedestrian walkability between blocks. Compared with the historic walkable downtown a few blocks away, the selected site of 2001 Washington Ave is missing the human life and connection that makes the downtown thrive.

Comparisons



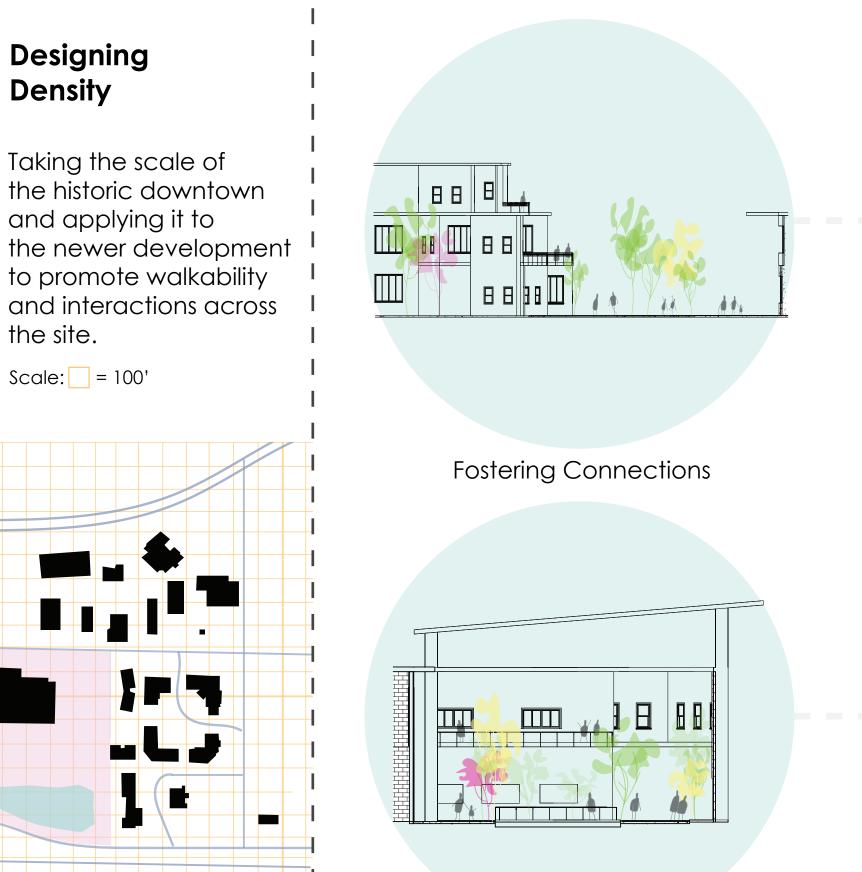
Downtown Stillwater Street North of Site

What Does it Take?



I Proposed Site

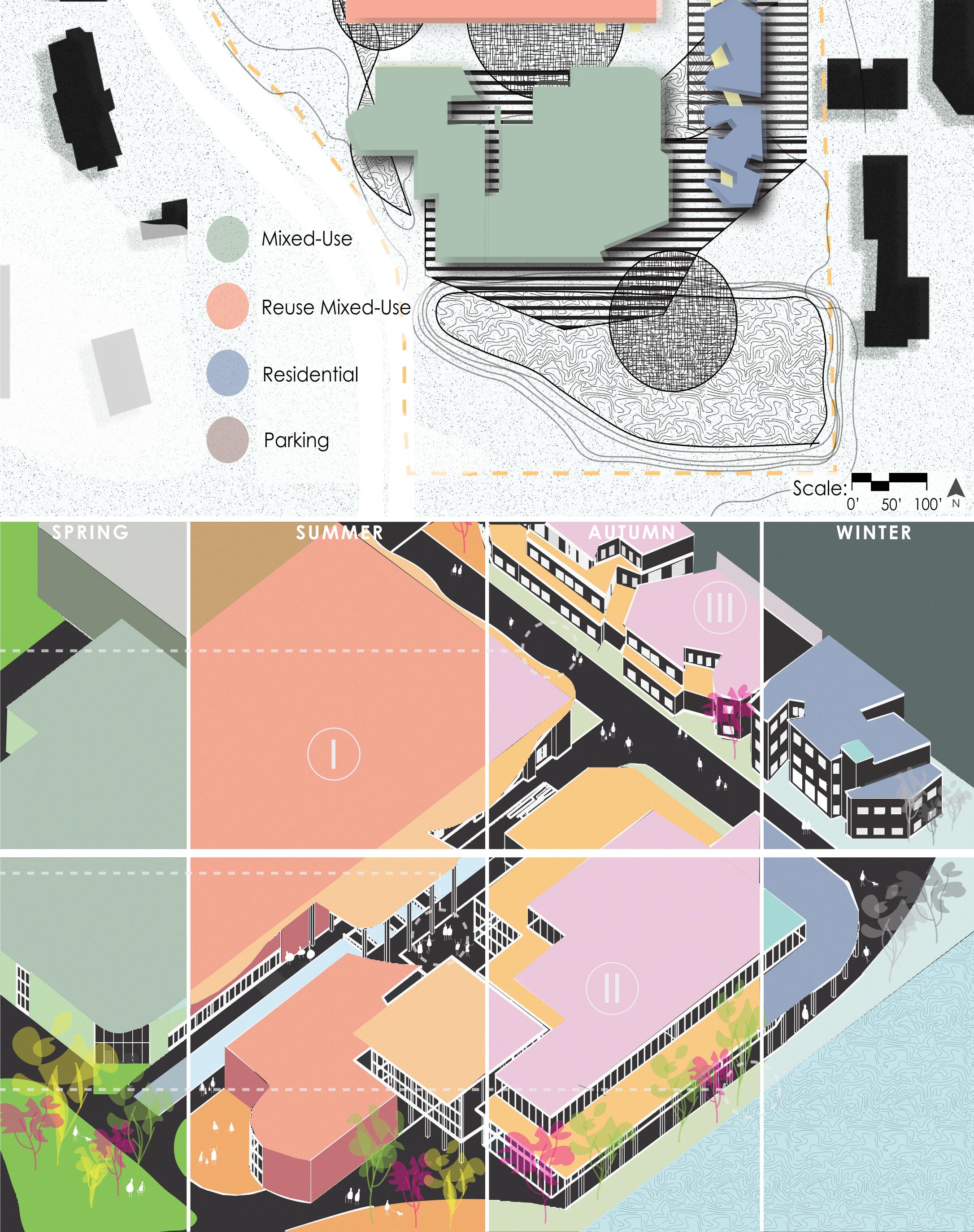
* Based on a 800' x 800' grid





A Human Focused Street

Interacting With Nature



AWAKENING THE SITE



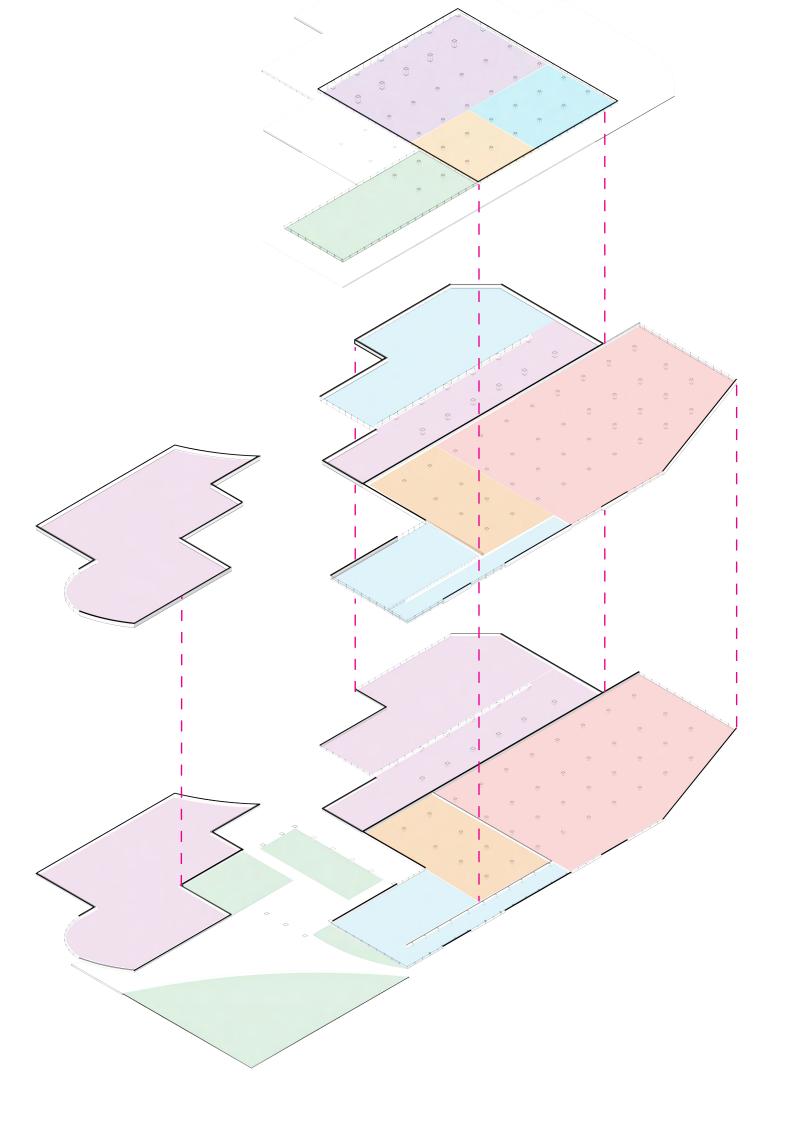
Adaptive Reuse

The reuse of an existing building allows for a more sustainable approach to revitalizing the existing site. The old box store will now become a mixed-use building with retail space and residential units.

A central indoor courtyard with skylights and an atrium is a multiuse space to host events, be a place for residents to relax, hold community events, and have the flexibility to serve other purposes.



A new building designed with the expectation of future change. Multiple uses and multiple lives will cycle through this shell. Designing for change is designing for resiliency.



Residential

KEY

Retail

Residential

Commercial

A building solely for residential units.
Balconies carved out of the form,
along with outdoor spaces, give residents
the ability to connect with the outdoors.
Polycarbonate shell rooms serve as
community indoor spaces that let in daylight
while giving the privacy and comfort of being
indoors, especially during the winter months.

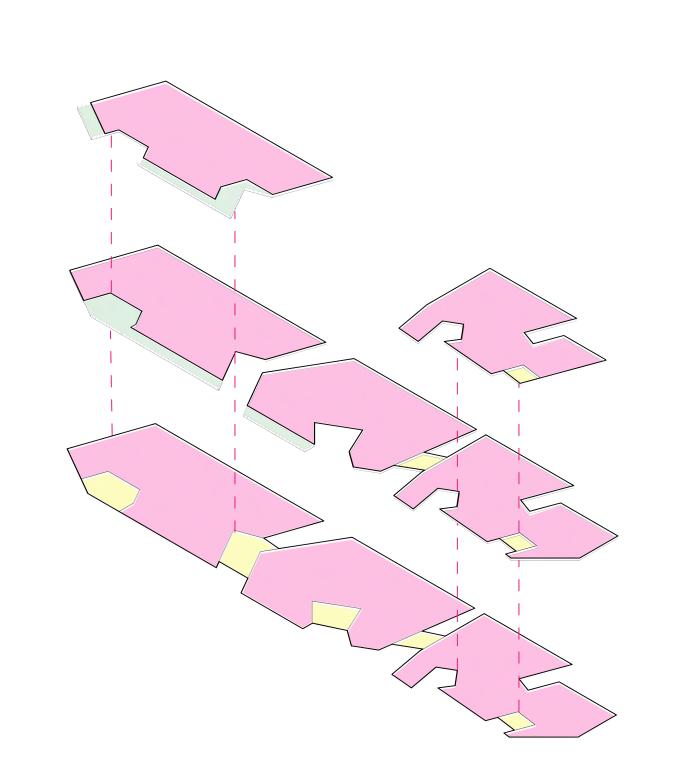
Community Space

Daylight Rooms

Note: Floorplans not to scale

Flex Space

Green Space



Mimicking Landforms:

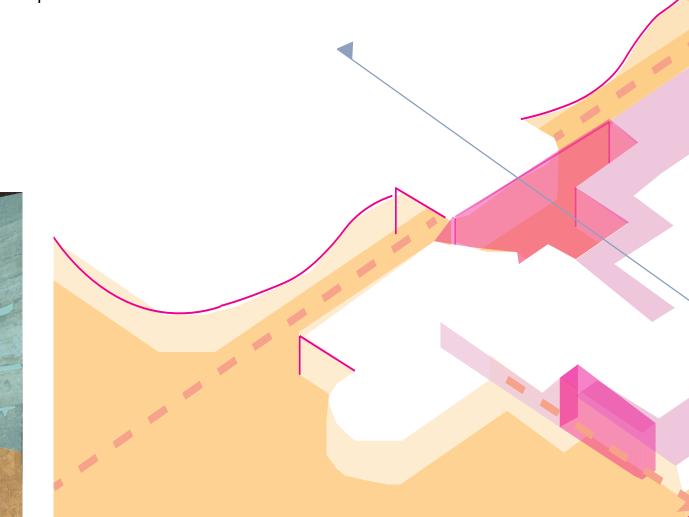
Implementing Biophilic Design in a Master Plan

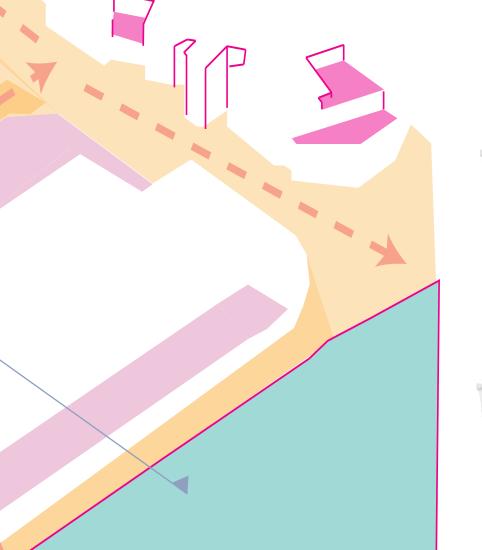


The study of an "intangible connector", which could be described as the attachment and pull of people to an entity, is analyzed and applied to the built environment. The consideration of how this feeling can be enhanced and designed within the scope of a master plan development is applied. Therefore, the incorporation of biophilic design which mimicks the landform in an adaptive, mixed-use development master plan aims to create this connection.













Carving the Site



