

Entry Perspective - From 9th St South



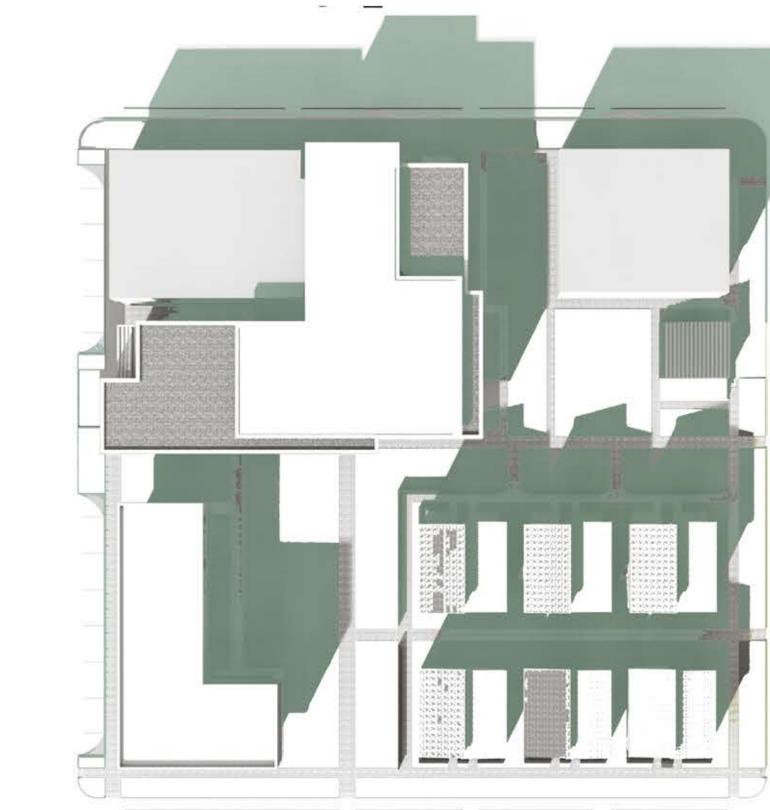


Februrary 3 pm

June 3 pm

June 9 am

November 3 pm



STUDY

In order to utilize the site year around, shadow studies needed to be involved in the design phase. By experimenting with variable sun orientations spatial planning becomes more effective and adapts more appropriately to the Moorhead solar environment.

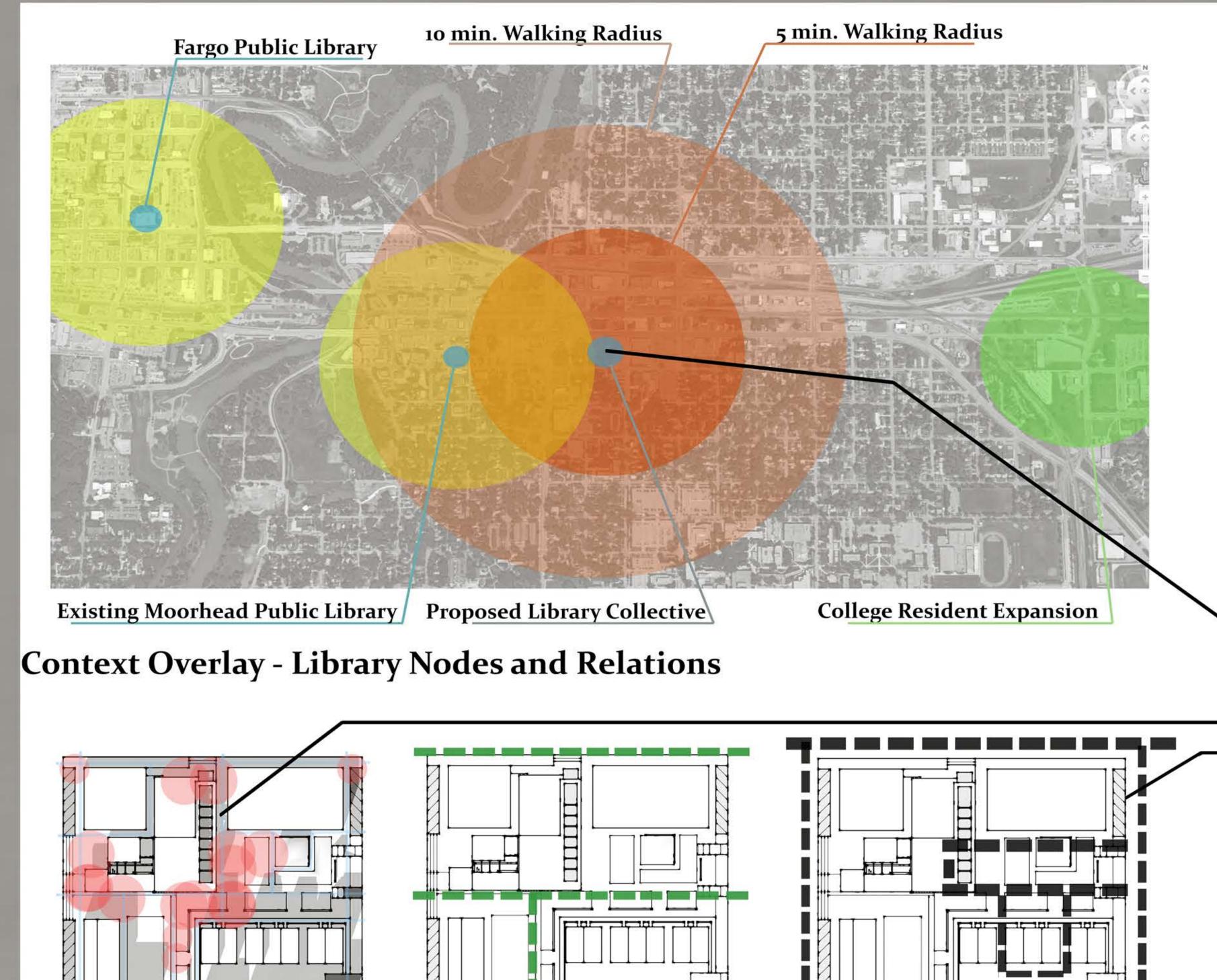
Main Collections



Central Plaza

Children's Learning Zone





Bicycle Circulation



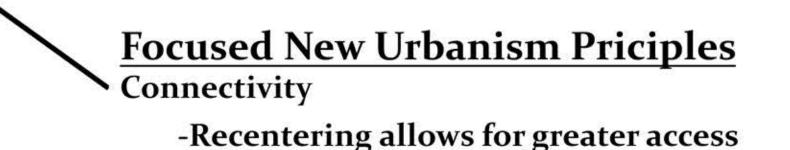
Moorhead Public Library Collective 915 Main Ave, MHD New Urbanism - The Modern Tool to Re-Engage Meaningful Connections

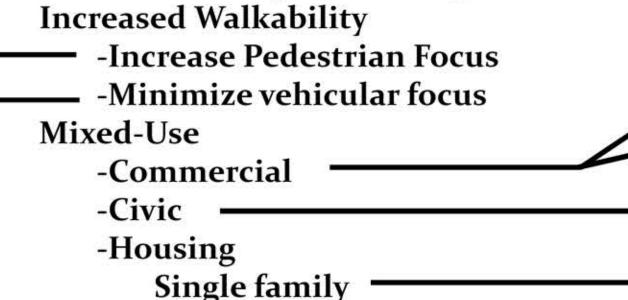
Communities are continually following social life cycles, growing and decaying as society fluctuates. In order to establish a positive connection between

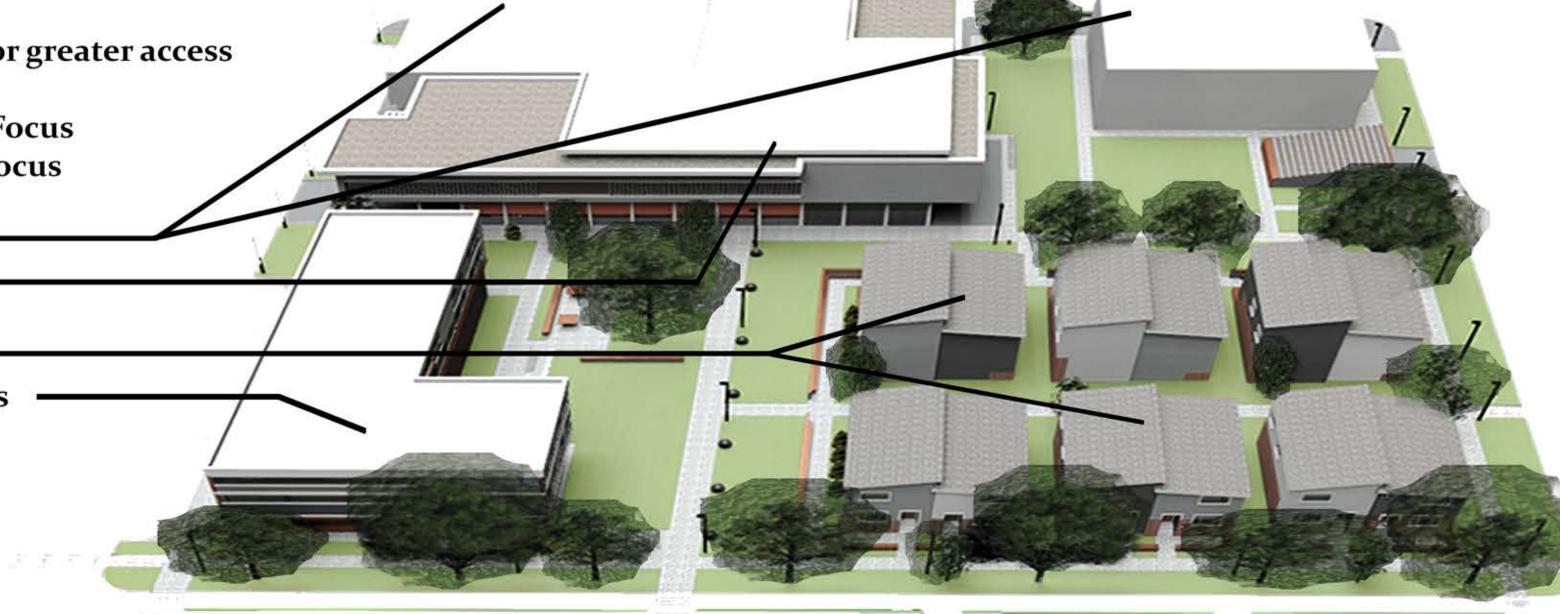
advancement and growth one must develop a guiding principle. This thesis defines the ideals of a modern and holistic movement, New Urbanism, and utilizes the basic principles in order to redevelop a decayed and decapitated urban site. By incorporating basic ideas we are able to re-evaluate a social area that is void of culture and individuality into a pedestrian focused hot spot.

The project is focused on rezoning commercial property in order to create a density and demographic that will help rebuild a crumbled economic area. By incorporating civic, commercial, retail, and residential properties into a shared space we can promote positively used space and begin to refocus urban importance, reducing sprawl in an organic and feasible solution.

Relocating the central focus, Moorhead Public Library, allows the site to serve a wider range of individuals while creating a multi faceted interface that reconnects with the area as a whole.







Operable Wall Louvers Located

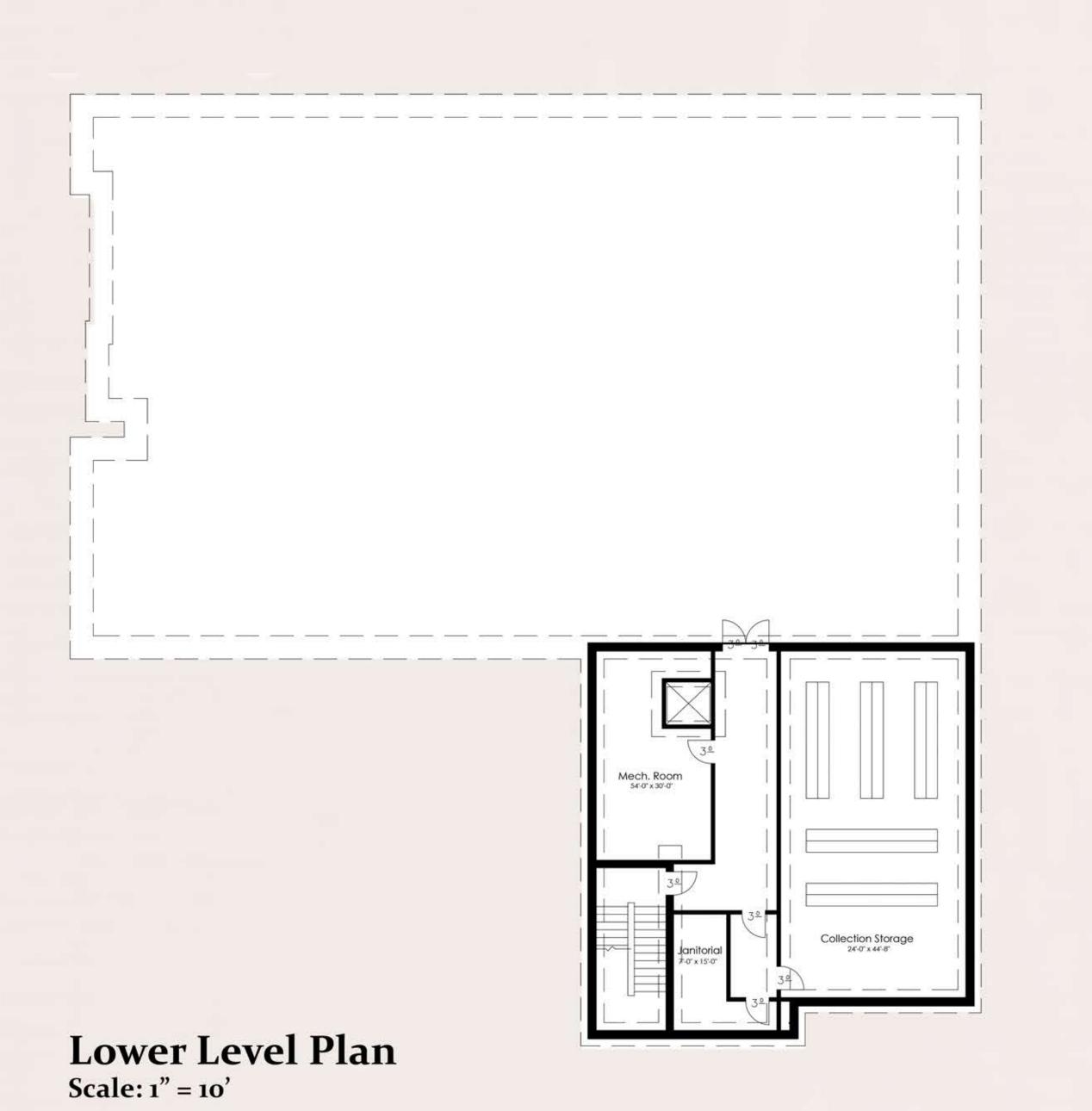
on South Wall Below Glass Block

Closed Lovers Limit Air Flow

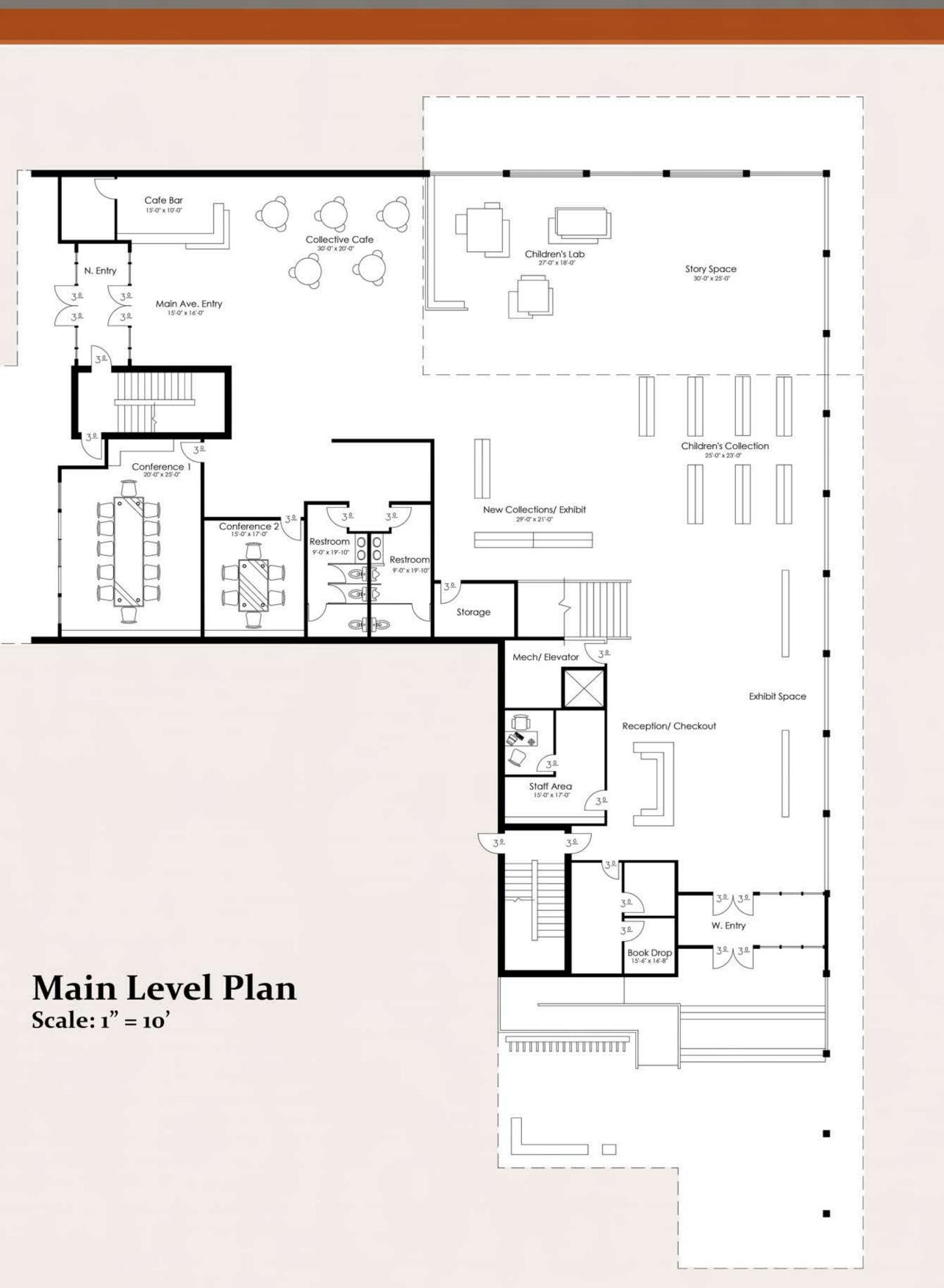


SITE COMPARISON Planned New Urbanism Development

Existing Conditions

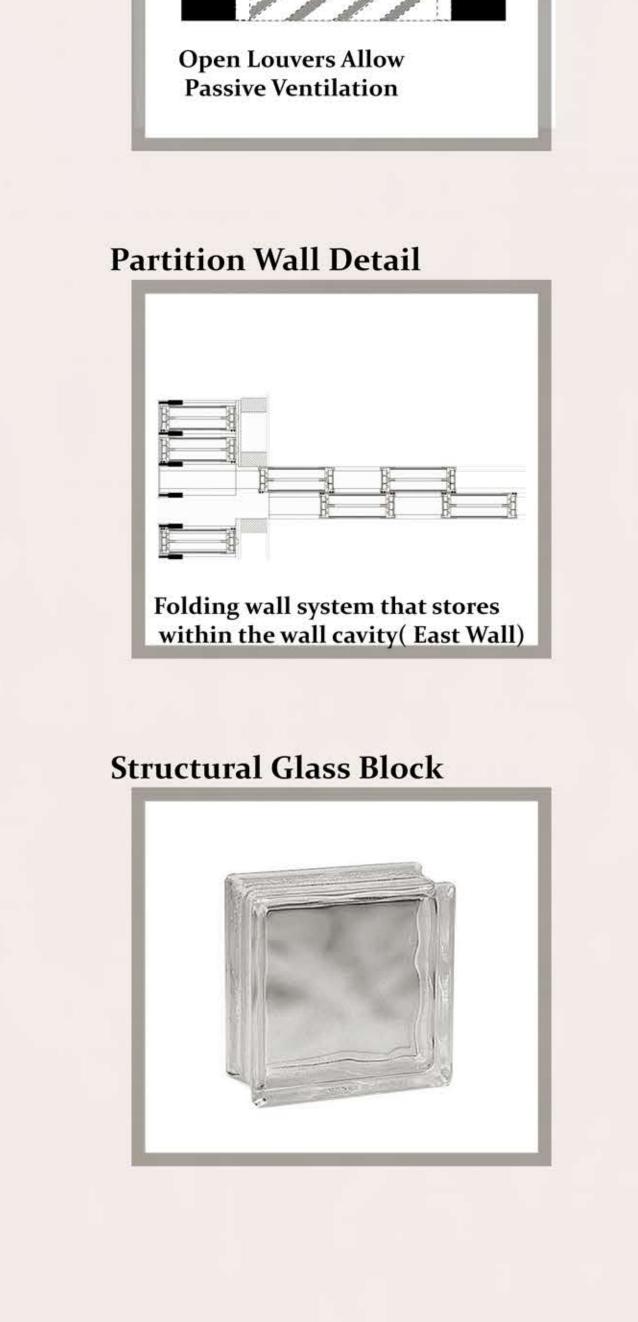


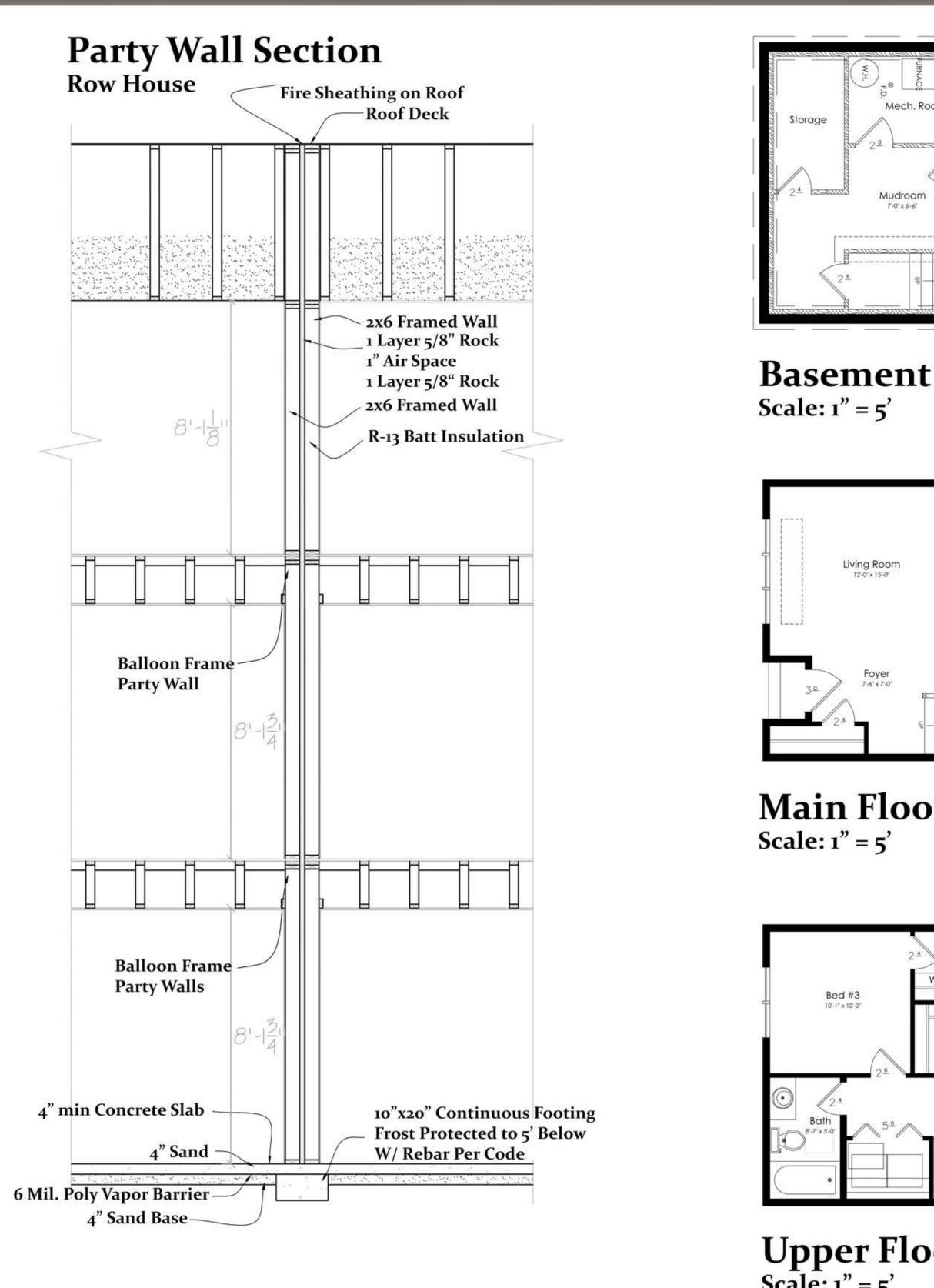




Pedestrian Nodes









LIBRARY FLOOR PLANS

Moorhead Public Library Collective

Autocad, Adobe, Sketchup, Revit

ARCH 772 Design Thesis

Ganapathy Mahalingam

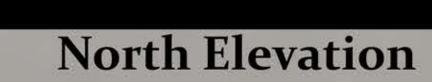


The library is designed to form to the surrounding context, the form and layout follows a planar schematic in order to adapt to existing conditions and be part of the basic layout of the area instead of standing alone. Spaces within the library are fluctuated accordingly to allow for spatial adaptation instead of using the exterior form to dictate final use and designation.

Vehicular Traffic Flow











East Elevation