

MOA Woodland - TC Interior Streetscape Concept

Monday, June 03, 2024 8:00 PM
 Project: MOA Woodland

- 1. Strategy
- 2. Site Assessment
- 3. Schematic
- 4. Concept
- 5. Preliminary Design
- 6. Final Design



Site and Building Design Objectives

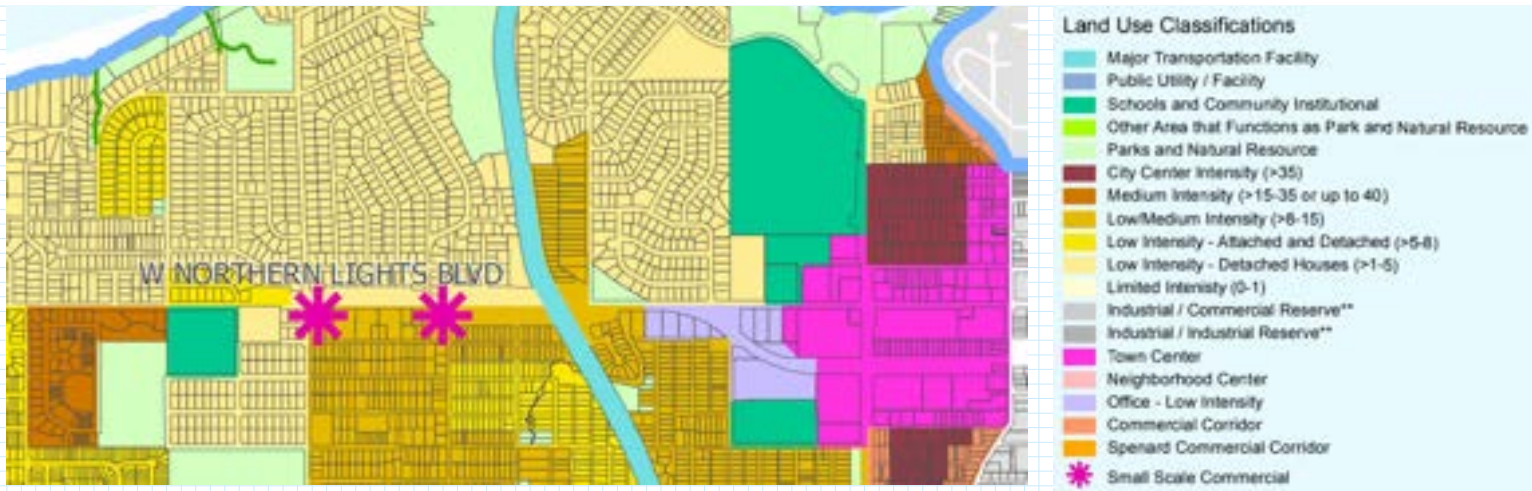
- Utilize "sustainable" building materials (i.e. mass timber and cross laminate timber) and utilize the best technologies for energy efficiency
- Design for improved quality of life in a Northern climate including
 - Orient and glaze for additional natural light
 - Southern orientation and noise mitigation for common areas
 - Safe access with enhanced lighting and security entrances
 - Integrated technology for controlling the heat/comfort
 - Energy efficient - good quality windows, insulation, sensors, ...
 - Create spaces for keeping an eye on neighbors/security
 - Minimize hidden spaces
 - Good lighting that also minimizes light pollution
 - Design to minimize ice hazards in pedestrian areas
 - Maintain an west to east view corridor through residential area
- Integrate transitional spaces that are not meant for long term utilization, rather used as a vestibule, mud room, foyer
- Try to integrate landscaping or green roofs (such as the green shed roof for the shipping container concept)
- Include bike and "toy" storage into the vestibule
- Connect the property with sidewalks to the bike trails
- Activate common area by design
- Create live/work spaces for lifestyle flexibility
- Explore mass timber parking structures



Timber parking structure - Växjö, Sweden

Mass Timber/Cross Laminated Timber - Växjö, Sweden





Wood/timber structures being constructed in Vaxjo Sweden

