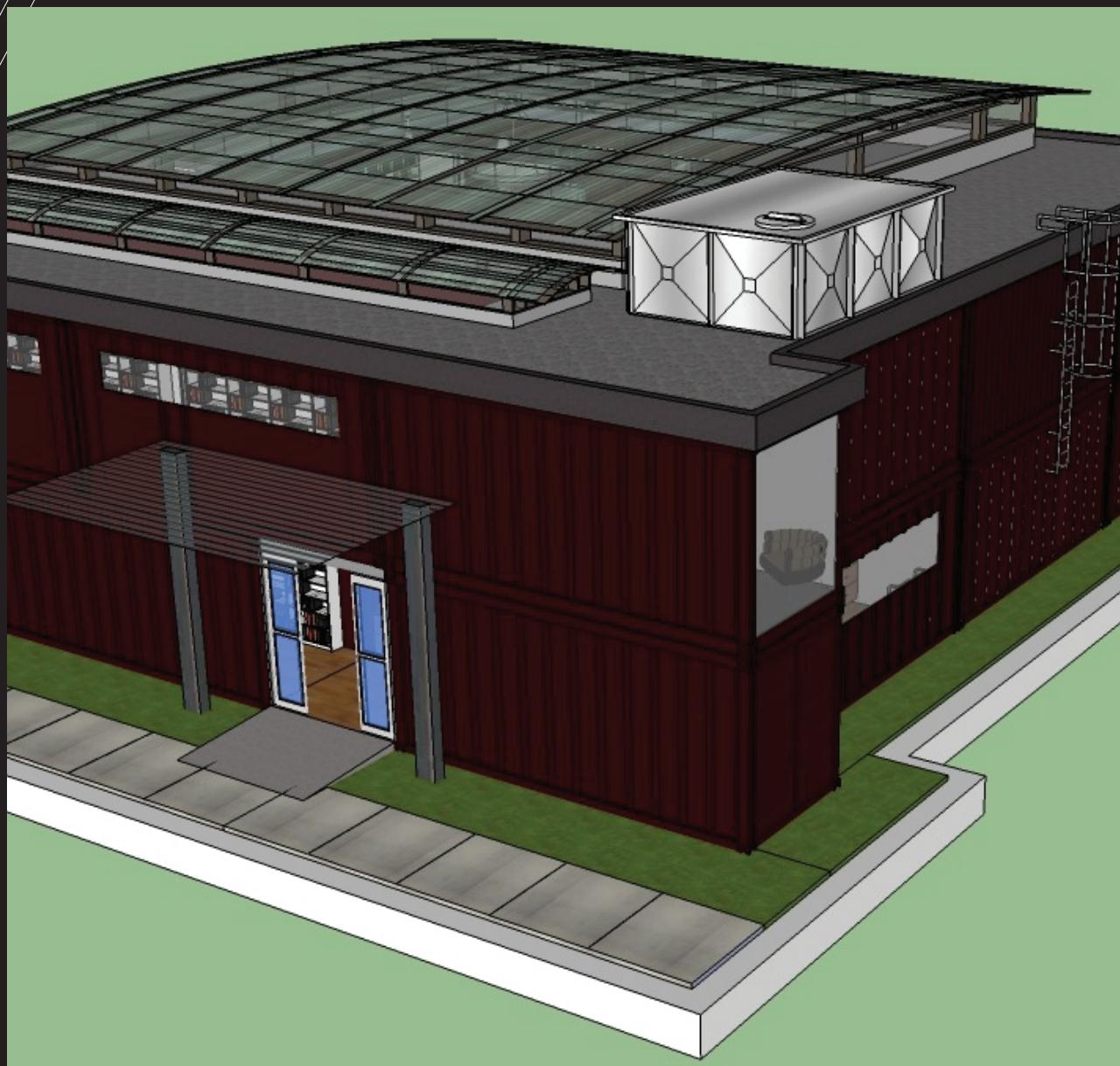


# RECLAIMED SHIPPING CONTAINER LIBRARY



## CONCEPT

We decided to create a public library for a North American community, which provides a safe and educational centre for people to use.

## TARGET AUDIENCE

People ages 3–60+ from the surrounding community will be using this structure, as well as those with handicaps. To meet the needs of those ages 3–8, the children's centre is decorated with brighter colours and contains resources such as colouring stations, parental-controlled computer access, comfortable smaller seats, and age-appropriate books. For those aged 14–25 we have provided the proper books, and a quiet working centre that is well lit by natural sunlight. To meet the needs of the rest of the population that are coming to the library to get a book or read we have a variety of books and also comfortable seating situated throughout the library, where they can enjoy reading their book. For those aged 60 and up, as well as those with a handicap, an elevator is available in the case that they would prefer not to, or are unable to, make use of the stairs. People can be from all different kinds of social economic class which means we will do our best to accommodate for those who are not as fortunate as others providing them with laptops, books, and writing materials.



**CHILDREN'S AREA:** A separate section for children that is targeted towards their age group. Table and seating heights are lower in this area as they are for those smaller sized than your average person.



**COMPUTERS:** We wish to provide computers/laptops for those without. Therefore, there will be both work stations with outlets available for those with their own laptops, as well as designated computer work areas.



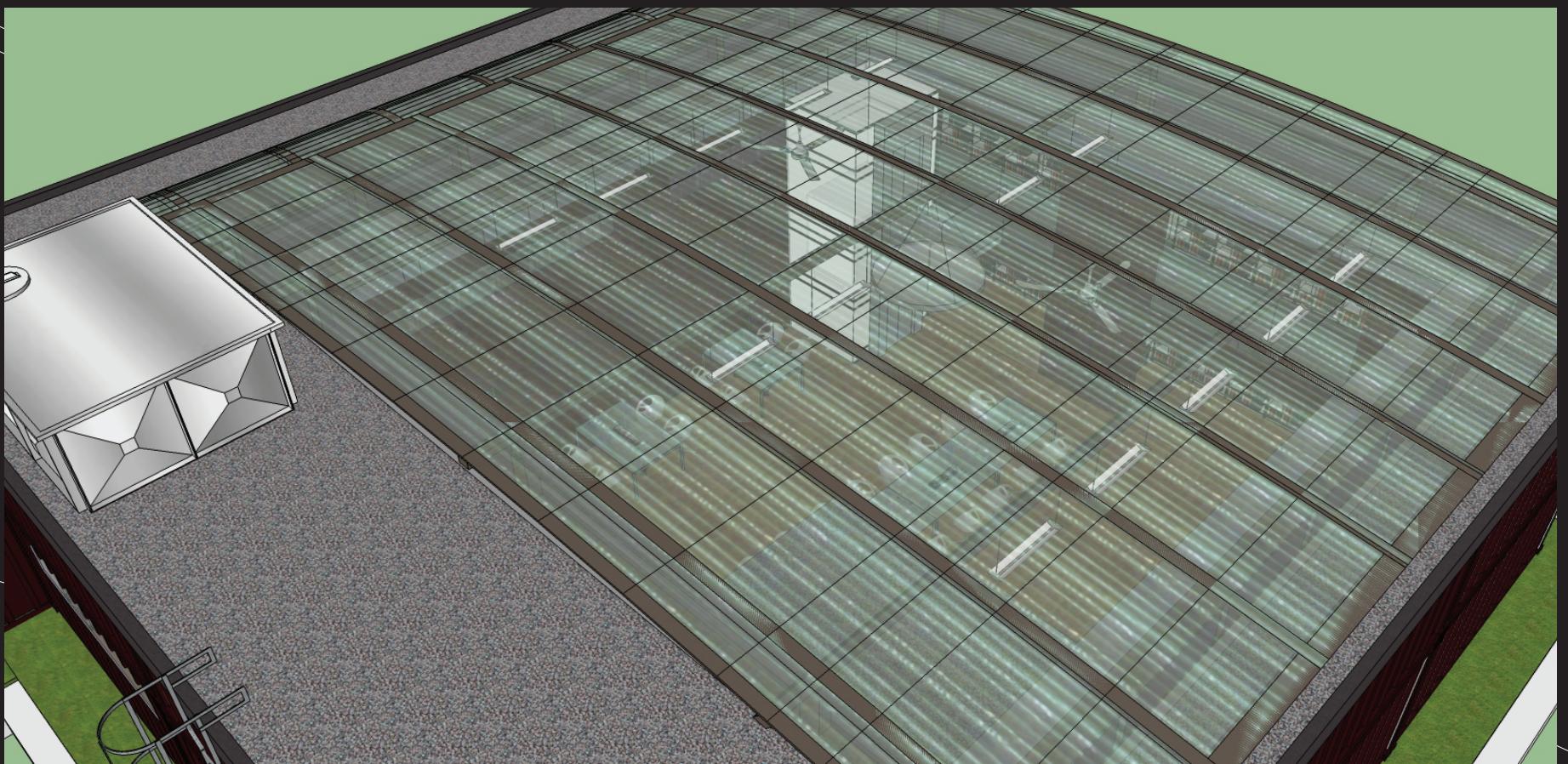
**MAIN ATRIUM:** This will be a common area that the entire library is built around. It's going to be located on the first floor so it is easier accessed by everyone and also will be underneath a sky light so that area will receive a lot of natural sun light creating an optimal studying space. The main tables have electrical outputs attached to them so people can plug their laptops or electronic devices in. The working centre is the common area that is very open and can be looked onto by the rest of the library this way the people studying will not feel claustrophobic.

**RECEPTION:** An area where people can sign out books and take them home. A space for the processing and filing that running a library creates, including a Librarian's office.

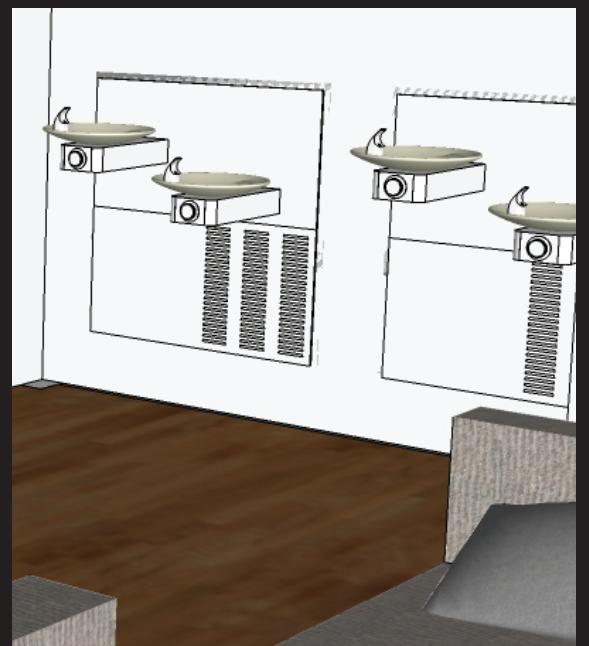
**ACCESSIBILITY:** Ramp entrance to the building, wide halls, wheelchair-accessible restroom facilities and an elevator.

**RESOURCES:** A large variety books, accommodating all age groups will be provided, as well as comfortable seating spots throughout the library, so as to facilitate the ease of sitting down to enjoy reading a book or article.





**ENVIRONMENTAL SUSTAINABILITY:** Solar Panels; BIVP modules function as a sun roof and solar panels. Glass windows cut out of the shipping containers make the library feel open and allow for the use of natural light as opposed to electrical during daylight hours. Restrooms use electrical air dryers to save trees by not using paper towels. The building is insulated with highly efficient spray foam made from soya products called polar foam, to keep the temperature more constant. We will institute eco policies; turning off all lights at the end of the day, and allowing zero contamination in the recycling.



**RESTROOMS:** Both male and female washrooms located on the first floor have electrical hand dryers, multiple stalls/urinals, three sinks, a mirror, and wheelchair-accessible stall. They are located off of a small lounge area that also contains water fountains.

**EMERGENCY ESCAPES:** There is a fire escape on both levels in event of an emergency. The second floor fire exit opens up to a fire escape outside where people will have go down stairs to get to the ground.

**MECHANICS:** Accessible through the reception/Librarian's office area is a Mechanical room, which contains all important machinery that allow for the library to have power, water, and heating. In the case that people need to get on to our roof we put a ladder that doesn't quite reach the ground that requires a second ladder to reach so that only library workers can access the roof.