

# Tekoa WA TERRARIUM LITTLE FREE LIBRARY

Free Books + Green Plants

## MATERIALS

66.25 sqf Sheathing Plywood  
44 sqf Acrylic Sheet Glass  
6.875 sqf Aluminum Sheet Metal

'L' Brackets (9) Magnetic Latch (2) Hinges(4)  
Plywood Sealant (1 gal) Adhesive (21 oz)



**PLYWOOD**  
Body + Shelves

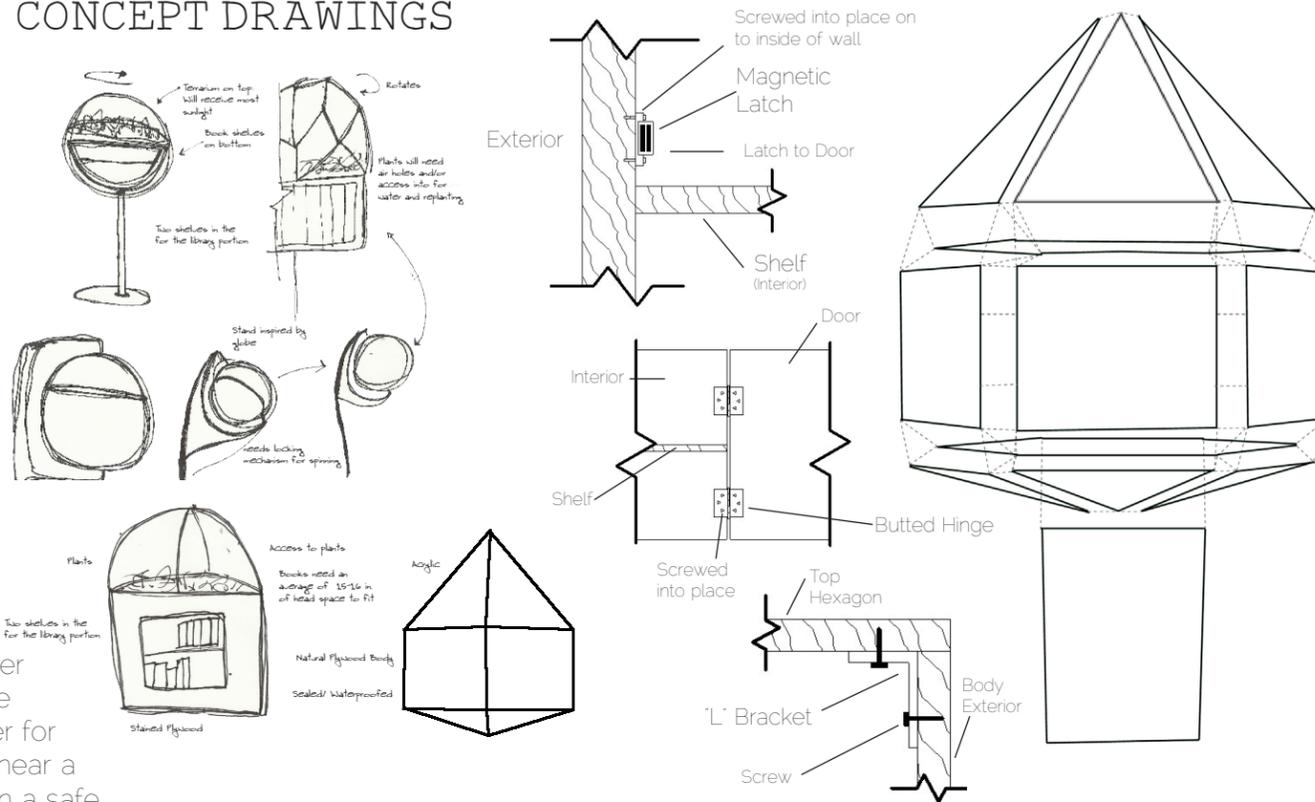


**GLASS**  
Terrarium Body



**ALUMINUM**  
Base

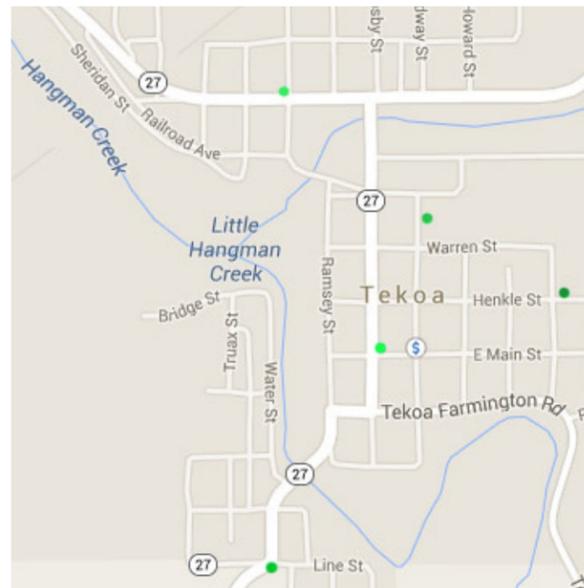
## CONCEPT DRAWINGS



## LOCATION FOR LFL:

The location of the Little Free Library should consider the livelihood of the plants in the terrarium but more importantly the convenience for the patrons. In order for it to be accessible, the library needs to be located near a main street, be approachable and easy to walk to, in a safe location, and for the plants it must have a source of partial shade. Some locations that have been considered are near:

- The Elementary School**
- The High School**
- Crosby St (Downtown)**
- The South Entrance (HW 27)**
- Poplar St (City Hall)**



## TERRARIUM

info + care

### TEKOA REGIONAL WEATHER:

The average temperature in the summer months is 85-90°F. And in the winter time ranges from 20-30°F. However sometimes the temperature drops in to the negative, and the terrarium plants need to be prepared for the extremes. USDA published a plant hardiness map, which has placed the Eastern Washington town in zone 6a which extreme point is -10°F. The plants listed here can all withstand -10°F.

### PLANTS THAT CAN WITHSTAND UP TO -20 DEGREES



Sempervivum



Sedum Spurium  
'Fuldaglut'



Sedum  
'Frosty Morn'



Agave + Yucca



Selaginella Kraussiana



Irish Moss

### WINTER CARE:

Stop supplemental watering around late fall  
Keep soil as dry as possible  
Make sure your soil has good drainage  
Make sure air circulation is adequate

### WATERING:

Once every three to four weeks.  
Enclosed terrariums act as a green house and can capture condensation; so watering isn't a chore for the librarian.

### LIGHT:

Avoid Direct sunlight, partial shade is perfect but the terrarium acts as a greenhouse so direct sun can scorch plants.

**PRICING + MATERIAL INFO:** Plywood (.62/sqf) Acrylic Glass (2.83/sqf) Aluminum (3.50/sqf) Brackets (.58 EA) Hinges (1.92 EA) Magnetic Latch (.98 EA) Sealant (12.88 /gal) All Weather/Material Adhesive (12.99/21oz). Rough build total: 230.39 (including sundries) Contact designer on material + sundries specifications. **TERRARIUM MATERIAL:** (in order of layering bottom to top): Pebbles, Charcoal pieces, Soil, Plants / Pricing is dependent on season purchased, quantity. Above plants are recommended by designer, for further specifications contact designer.

