

Little Free Library (LFL) Design and Build Specifications for Freedom by Design
August 2018

Gathering spaces - We are hopeful that the LFLs will not just be a box that holds books. We want this to be a gathering space for visiting with a friend, choosing a book, sitting down and reading for a while. We can use already existing spaces near benches, hammocks, greenery, etc. Or explore the addition of a completely new gathering space.

Areas to avoid or carefully consider: New Belk Plaza and around Cato.

How many books should each LFL hold? (25-30)

ADA accessible. All LFLs should be ADA accessible.

Protection from the elements. (rain, snow, wind, etc.)

Extra points if you can figure out a way to control the **humidity**. ;-)

Building materials should be sustainable and hold up exceptionally well to the elements, requiring minimal to no ongoing maintenance. (In other words, wood that will rot, fall apart, etc. may not be the best building material.)

Design and build should adhere to **UNC Charlotte specifications**.

The LFLs don't have to be in the shape of a box and don't have to resemble any other LFL. In fact, **the more unique they are, the better**.

Designate an out-of-the-way/somewhat hidden space for a [photon microcontroller chip](#) in each LFL. (This chip will enable us to keep stats on the usage of the LFLs via the campus wifi and [Thingspeak](#).) There will also need to be a small space near the door of each LFL for the photon sensor.

Lockers-<https://www.globalindustrial.com/p/storage/lockers/standard-lockers/steel-locker-single-tier-12-x-18-x-78-1-door-single-point-latch-vent-door-unassembled-red>

Instructions for what the LFL is, how it works, what's the point of the project, etc.

QR code with all volunteers.

Something acknowledging FBD and Claire, Rick, Greg, etc.