

- 24 HR Access
- Enough room for collaborative, large scale projects
- High ceilings for large doors so that moving projects outside is easy
- put as many tables/tools etc on locking casters as would make sense
- welding & fabrication
- "Bounty / Mercenary Board" - if others have projects/ideas they want help with -
- simple lab for either interface w/ tools or prototyping ~~and~~ simple apps.
- @ least 1 server w/ storage capable of virtualization
- @ least 1-2 desktops for demoing/classes - otherwise most will bring their own.
- whiteboard walls. Rolling whiteboards.

- Wood working = ~~saws & sanders~~ <sup>ban saw table saws</sup>
- Sewing = commercial machine, Surger, high worktable  
     iron & board (or on the table if padded like <sup>work</sup> ~~work~~)  
     clothes racks
- pottery
- members have ~~personal~~ <sup>studio</sup> space (maybe extra \$) for keeping their ~~own~~ project in & working on some projects
- lounge for community = play games, talk/collaborate, take breaks, browse/wifi, couches, lots of outlets <sup>knit</sup>, coffee tables, movies/docs = projector & screen or painted wall, MUSIC /speakers/mp3 docks. ; tables to eat & wk @. a frig/kitchen
- screen printing
- dye = need water (a tub would be great), totes

aloom

wood  
~~plaster~~  
 welding  
  
 pottery  
 plaster  
 dye

- photoshoot setup (lamps etc)
- woodworker <sup>ban saw table saw</sup>
- commercial sewing machine
- surger

John Ho

- Lounge - ~~workstation~~  
place to eat, hang, talk
- lights, interesting shape/layout
- plenty of ~~space~~ unused space
- ~~workstation~~ electrical for welding
- place to work on at least 1 vehicle long term
- stations for activities
  - solder
  - PCB
- PCB building,
- Laser cutter
- high-quality 3D printer
- Kitchen
- sound studio? performance area, gallery - display  
(~~the~~ total control of light, good acoustics,  
for performance/new-media art)
- water jet?
- CNC mill
- broadband/server?
- excellent sound insulation
- Separate ~~CNC~~ big tools, power tools, hand tools, electronics

over head dust collection for mills

fume ventilation  
welding, soldering, laser cutter,

200 Amp service

Milling Machine  
Large Lathe  
Mill  
Metal work (Casting)

Concrete Floor  
Dust Collection  
Air cleaner

Laser cutter  
Wood Lathe  
Belt sander  
Grinder

Table Saw  
Welding  
Plasma Cutter  
Waterjet  
Air Compressor

200 Amp service est

No gas

Industrial Space?

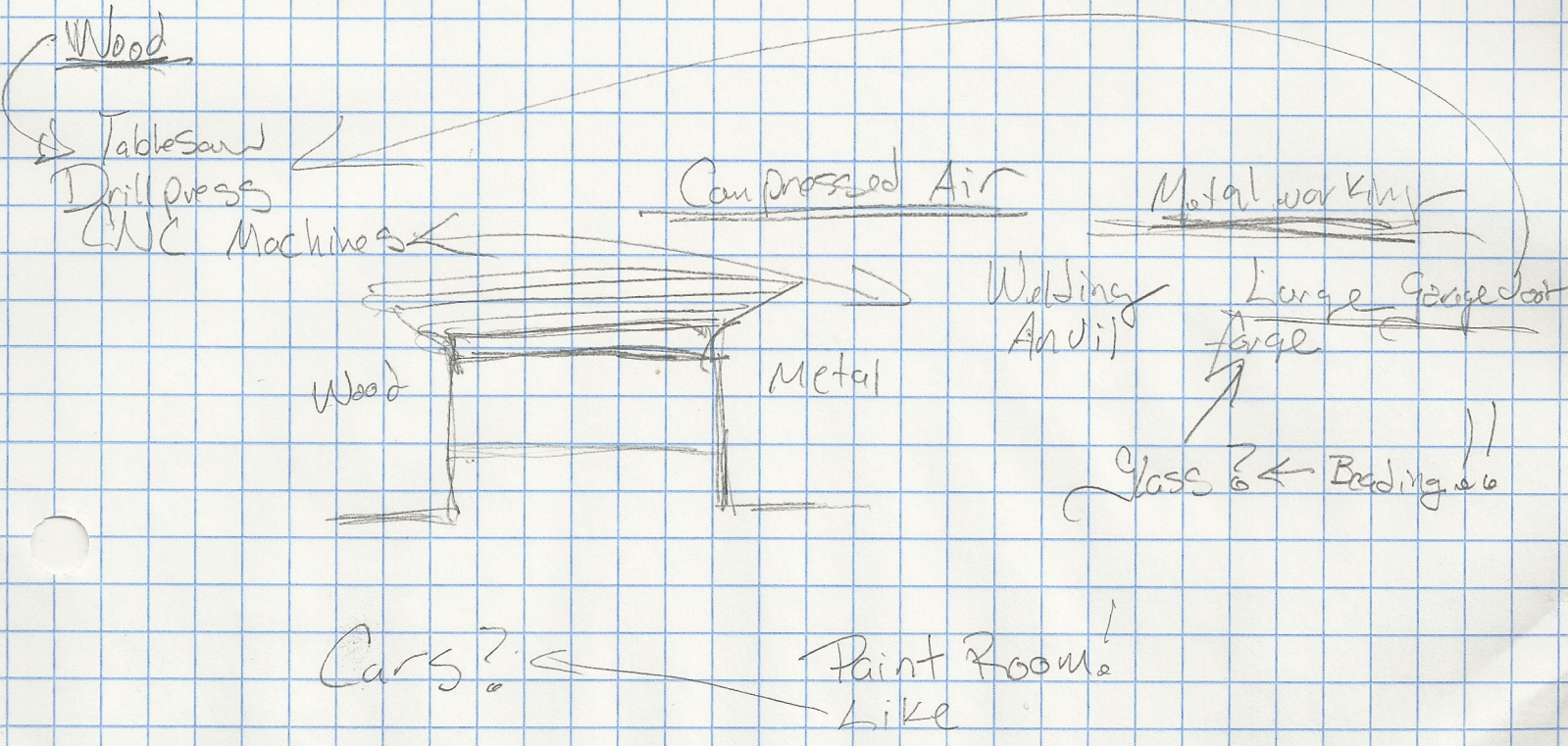
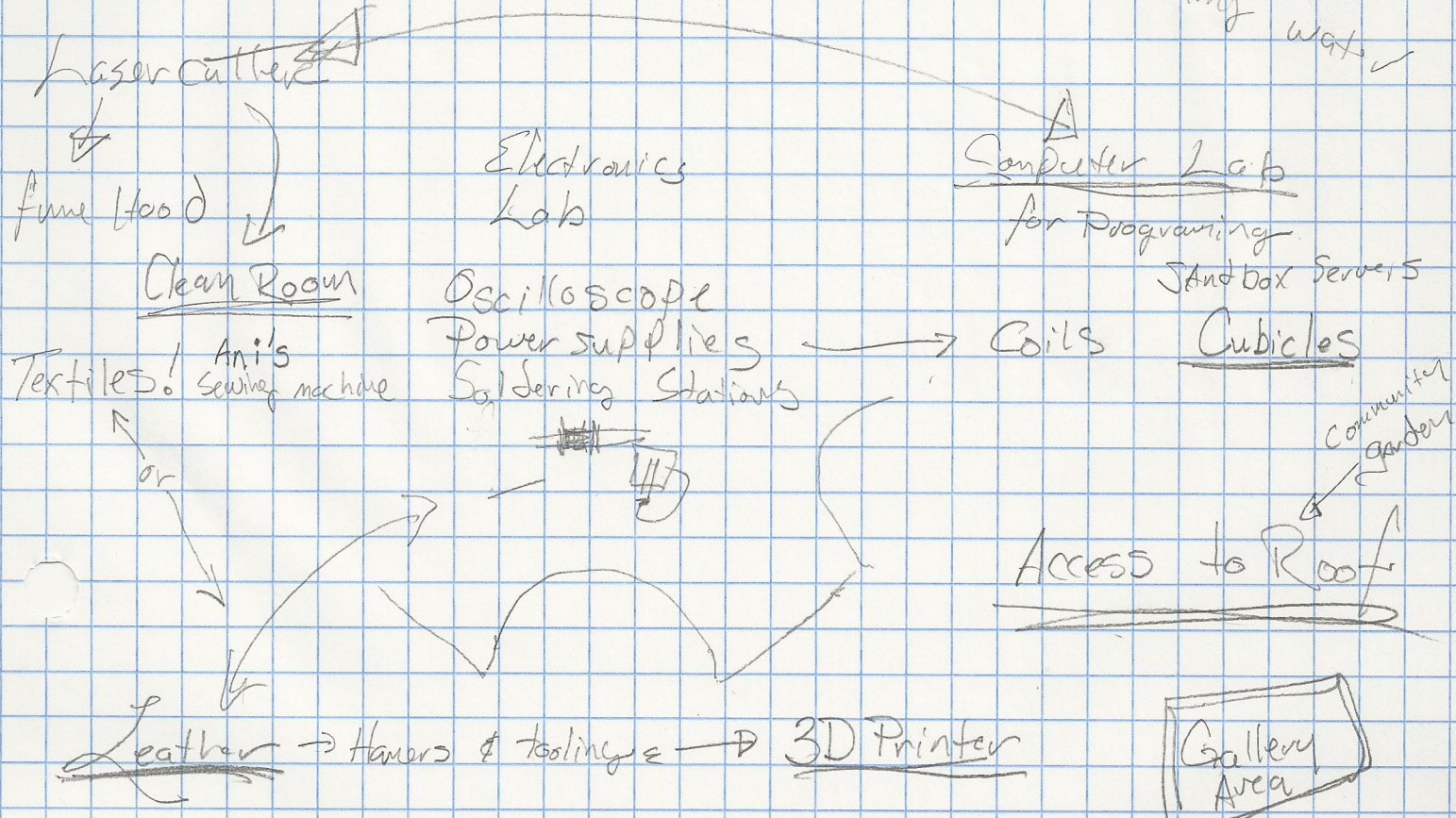
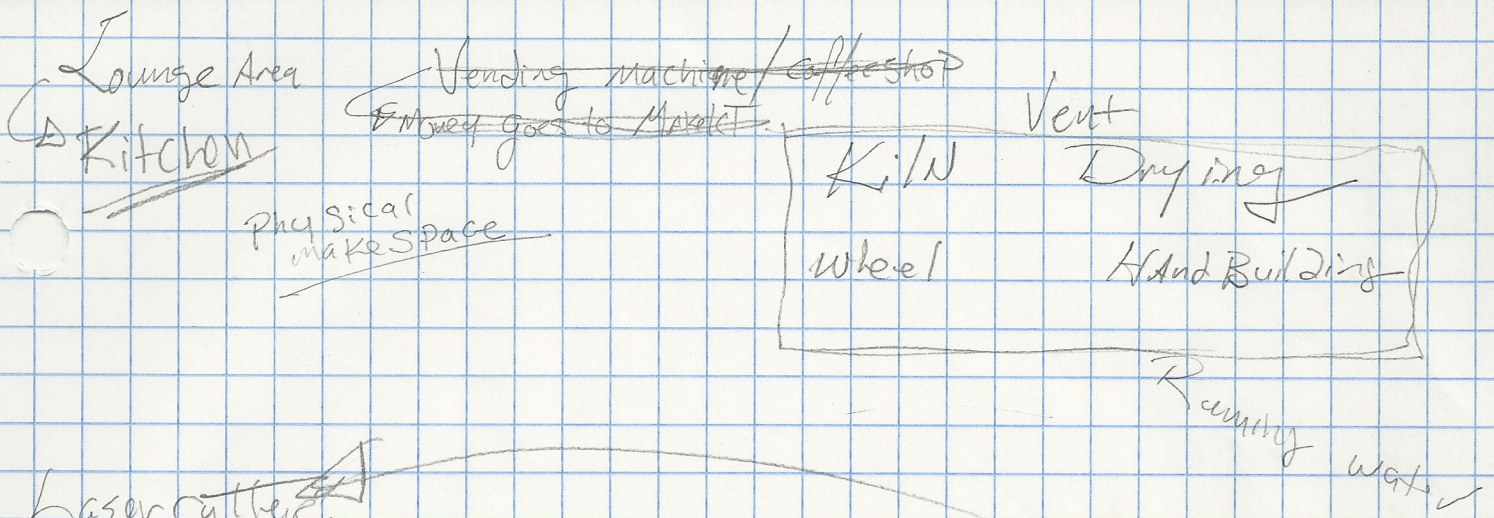
Garage for Bus  
working on car

Wood/Metal Area  
Classroom / Lounge  
Electronics / Computer Lab / Laser  
Ambient Air cleaner

Outside area  
Office area  
Storage

Access  
Keyboard

Store /  
Arduino Vending Machine



## General

- large, open, industrial space
- overhead door for vehicles
- clean/quiet area for office/classroom/computer lab/lounge
- bathrooms (with shower)
- washing machine

## Wood shop

- shopbot or MechMate
- drills
- table saw
- miter saw
- circular saw
- planer
- sander
- router
- jigsaw
- vertical bandsaw
- clamps
- dust collection
- saw horses
- drill press
- chisels

## Metal shop

- welder
- drill press
- cnc
- lathe
- chop saw
- torch
- plasma cutter
- hacksaw

- bandsaw
- grinder
- punch's
- files

## Electronics lab

- oscilloscopes
- power supplies
- soldering stations
- small parts storage
- multimeters
- hot air rework station
- reflow oven
- breadboards
- anti-static stuff

## Textiles

- sewing machines
- serger
- iron and ironing board
- dressform
- [basic sewing tools](#)

## Shop

- 3D printer
- laser cutter
- hand tools
- power tools
- hot glue guns
- air compressor
- air powered tools
- vacuum

## Computer lab

- pc's/laptops/servers
- software licenses (windows, adobe creative cloud, catia, eagle)

- printers
- power supplies

## Bio lab

- microscope
- centrifuge

## Kitchen

- sink
- refrigerator
- coffe maker
- oven
- stove
- microwave

## Lounge

- couches
- tables/chairs
- library
- games
- tv/theater

## Class rooms

- desks/tables/chairs
- projector
- white board
- audio/video recording equipment

## Storage

- parts/supplies
- lumber
- metal
- electronics components
- fabric/textiles

- personal
- hackable