### COMMUNITY
- plaza / impromptu market
- community garden
- community room
- exhibition space
- seed library
- offices
- storage

### PRODUCTION
- employee restroom / lockers
- small harvesting space
- large harvesting space
- cold storage
- meeting space / office
- grow space
- system space (plan for future)

### EDUCATION / EXPERIMENTATION
- classroom
- dry lab
- grow space
- harvesting space
- circulation

### TOTAL SF
- 49,700 sf

### BUILDING PROGRAM
**WHY HYDROPONICS:**
- higher yields per square foot
- use less water (10% of traditional farming methods)
- closed-loop agriculture
- reliable system in climate controlled environments
- parallel the path of goods / supplies moving through the facility
- maximize ambient light with use of translucent greenhouse material and oriented along solar axis
- provide both traditional farming medium while supporting the progression of new hydroponic technologies
- materials are chosen to reflect light through the space, absorb the minimum amount of solar gain
- hydroponic technology is supported with vacant wall cavities for future / current systems
- solar chimney to constantly draw ventilation
- operable skylights for night flushing

### GROW ROOM PROCESSES
- 1100 sf
- 2500 sf
- 3500 sf
- 900 sf
- 1000 sf
- 500 sf
- 800 sf
- 200 sf
- 500 sf
- 800 sf
- 1000 sf
- 20,000sf
- 1300 sf
- 1300 sf
- 4000 sf
- 300 sf
- 10,000 sf
- 49,700 sf