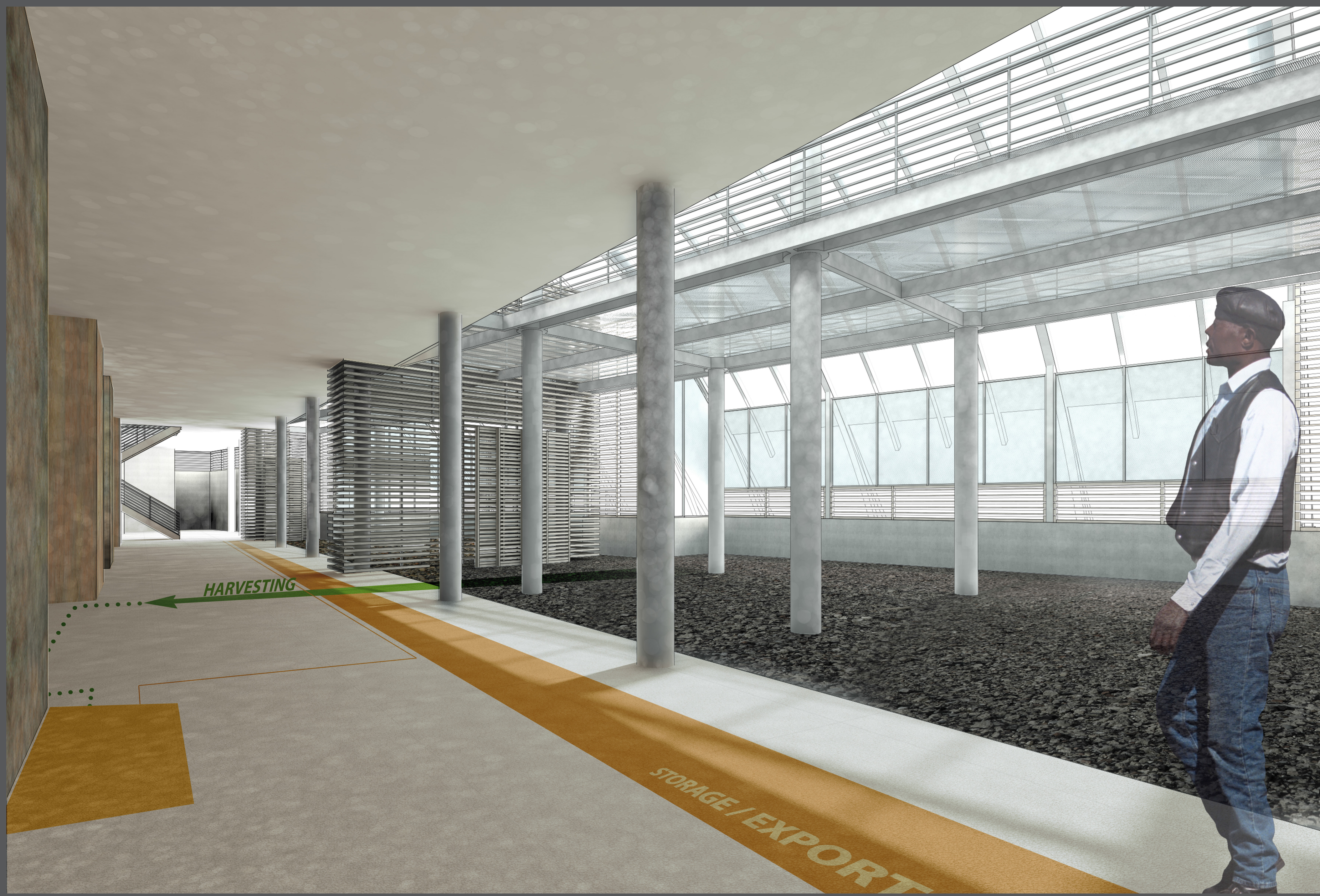
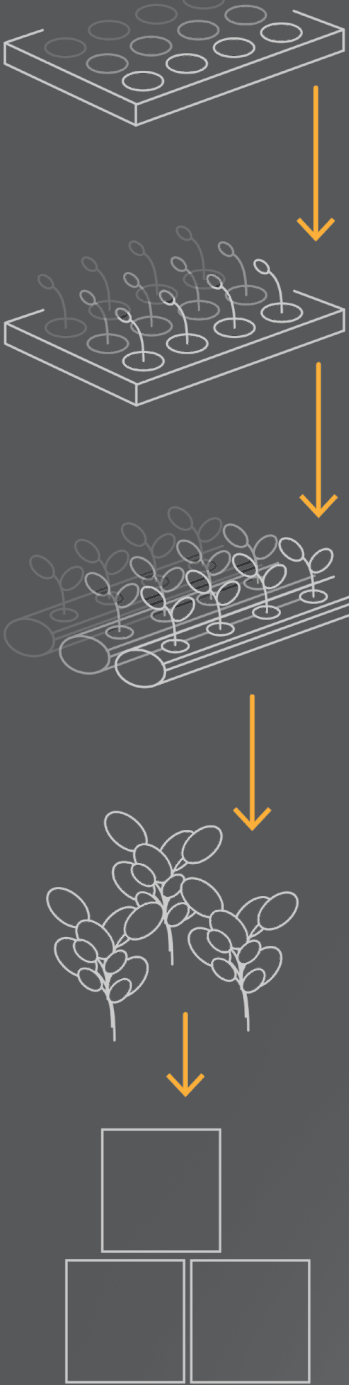




### GROW ROOM PROCESSES

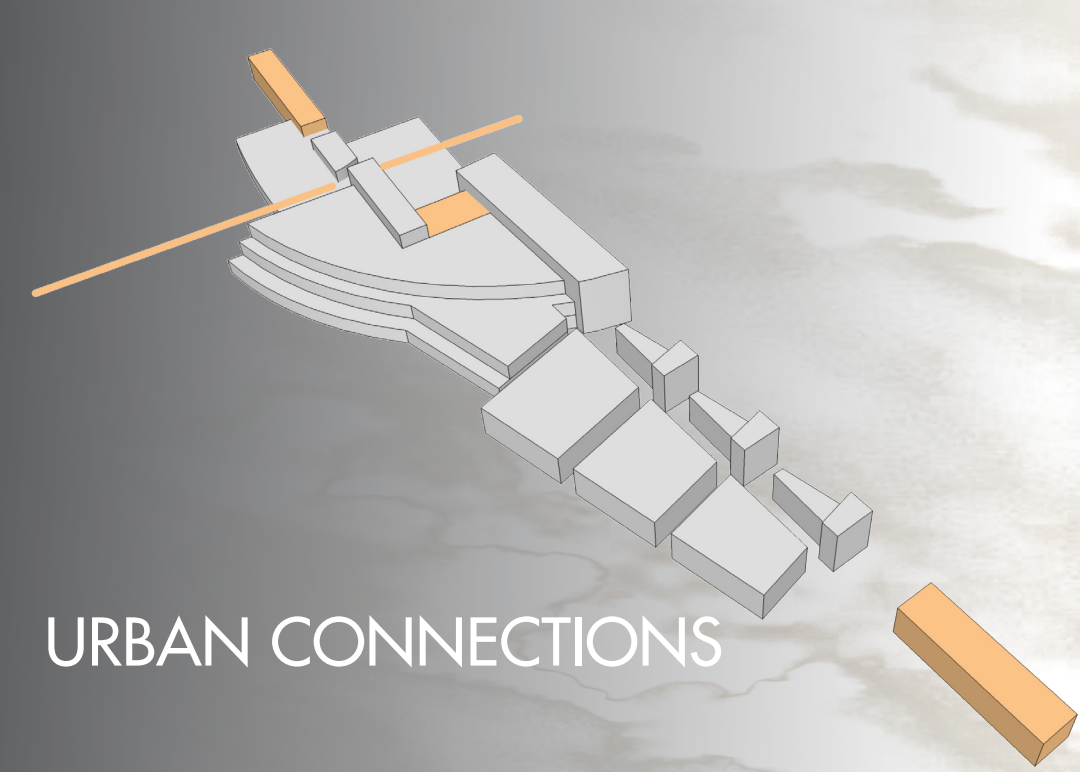


- Parallel the path of goods / supplies moving through the facility
- Maximizes ambient light with use of translucent greenhouse material and oriented along solar axis
- Provides both traditional farming medium while supporting the progression of new hydroponic technologies
- Materials are chosen to reflect light through the space, absorb the minimum amount of solar gain. Mesh floors on the second and third levels allow for better air flow as well as more light to permeate the space.
- Hydroponic technology is supported with vacant wall cavities for future / current systems
- Solar Chimney to constantly draw ventilation
- Operable skylights for night flushing

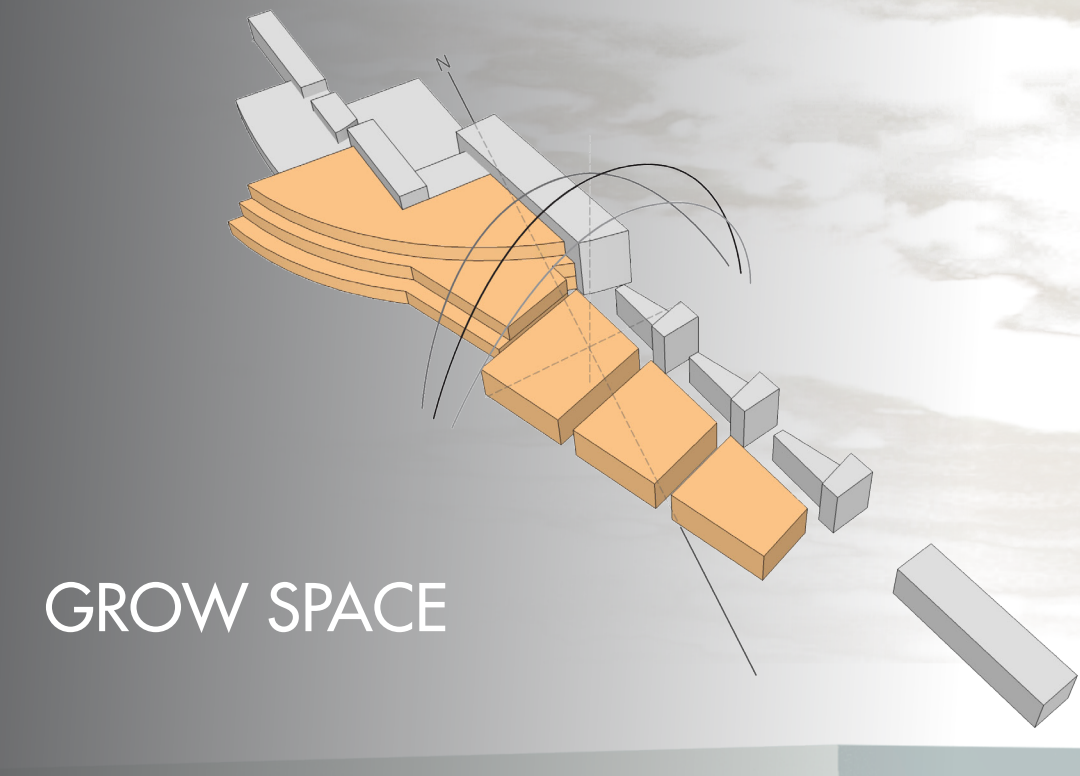
- WHY HYDROPONICS:**
- higher yields per square foot
  - use less water (10% of traditional farming methods)
  - closed-loop agriculture
  - reliable system in climate controlled environments



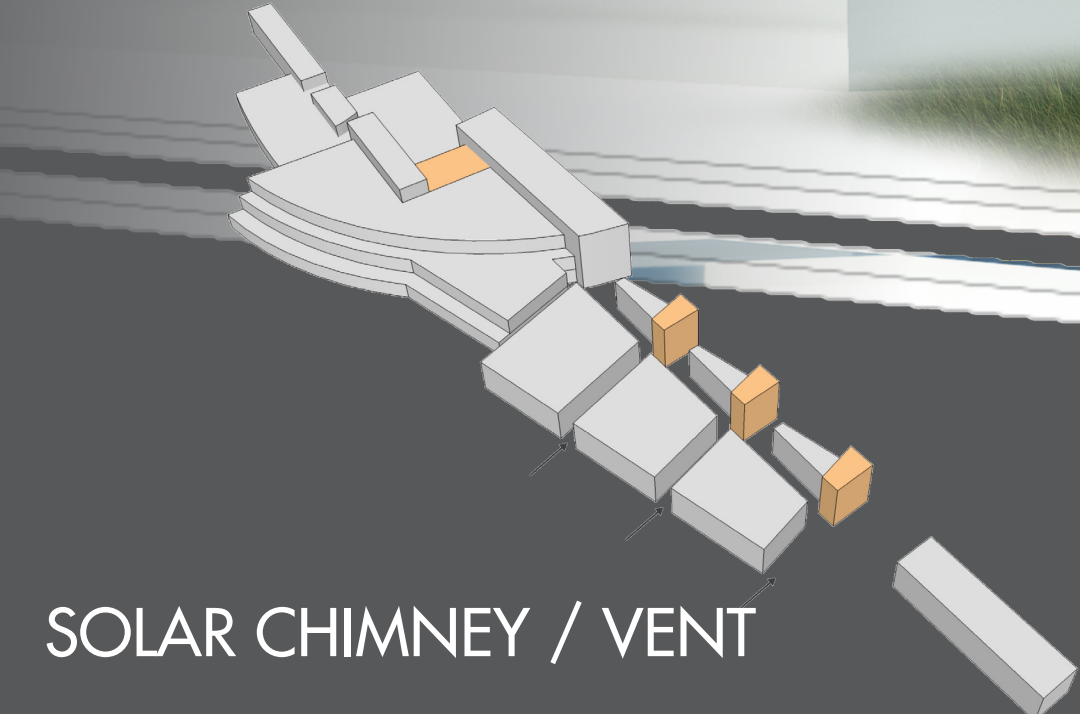
Section 1 - Looking NE Through Grow Room  
1/8" = 1' - 0"



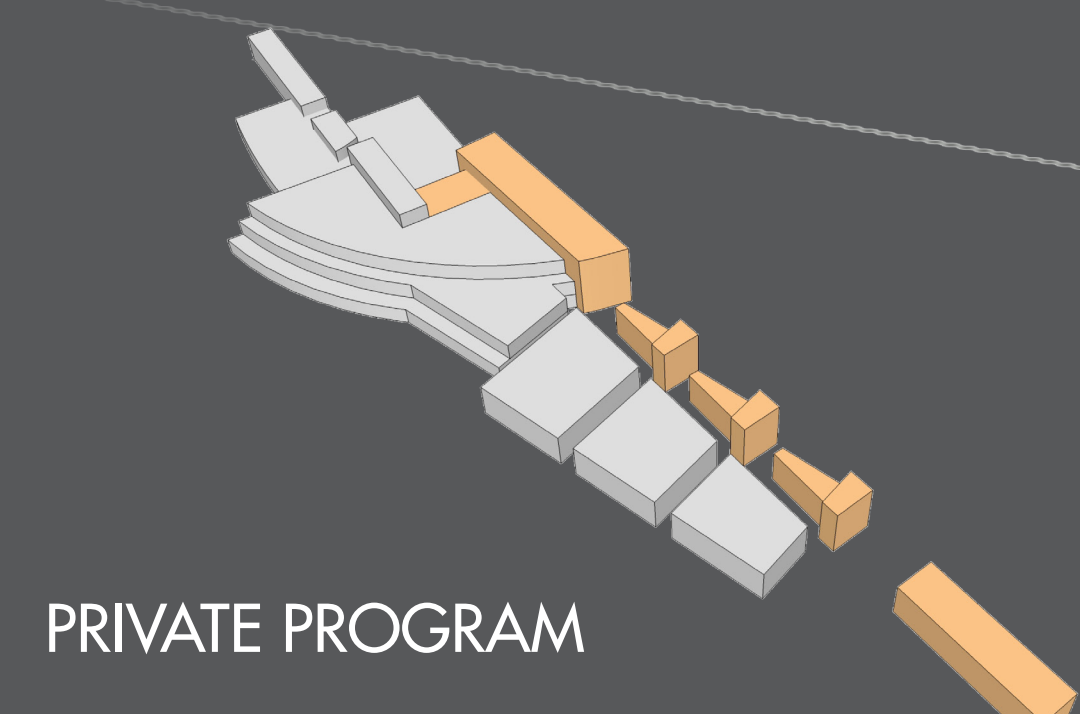
URBAN CONNECTIONS



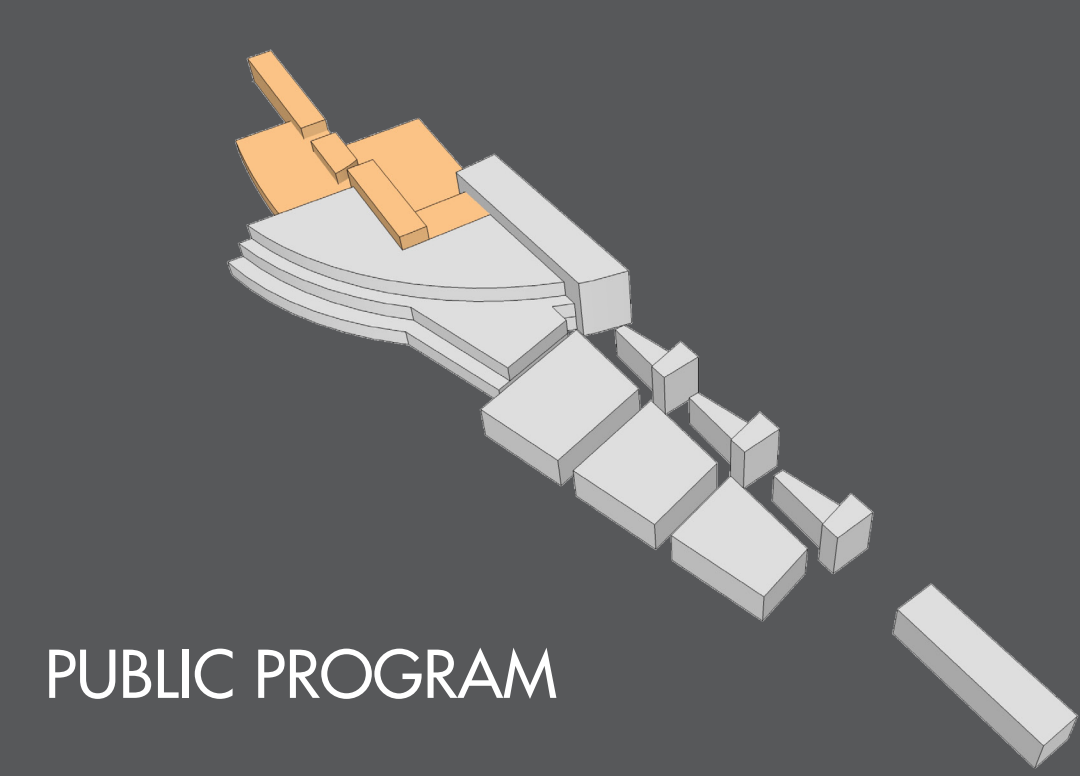
GROW SPACE



SOLAR CHIMNEY / VENT



PRIVATE PROGRAM



PUBLIC PROGRAM

### BUILDING PROGRAM

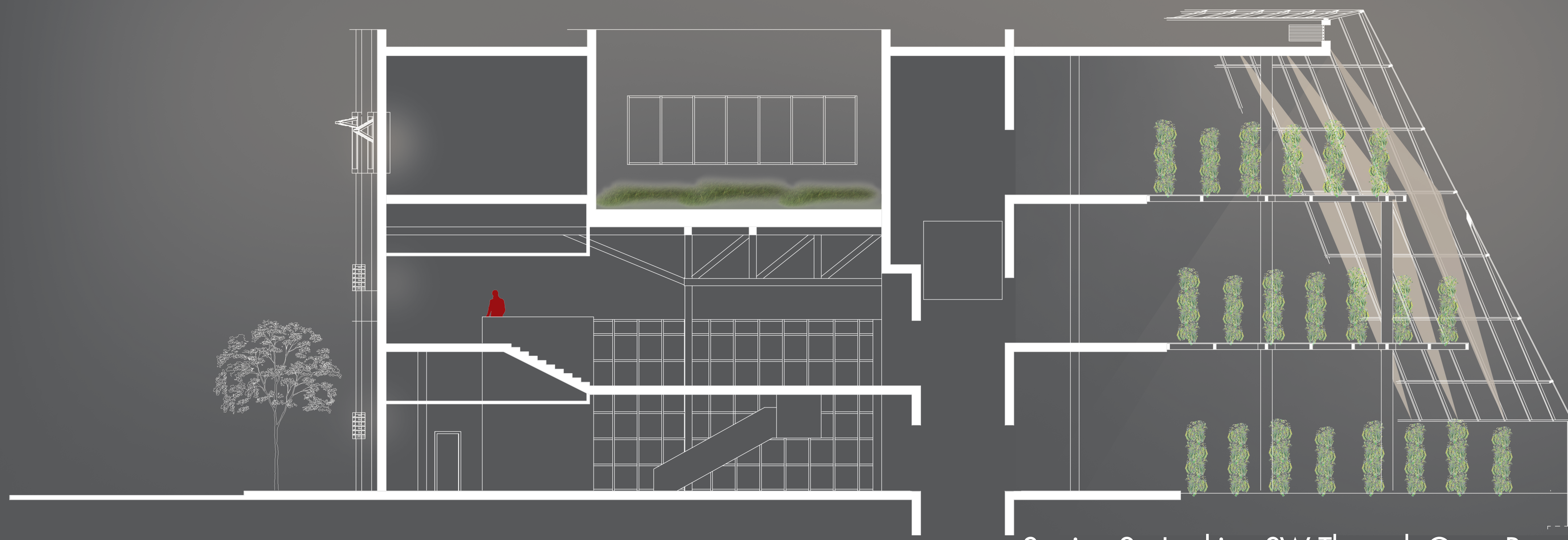
- COMMUNITY**
- plaza / impromptu market 1100 sf
  - community garden 2500 sf
  - community room 3500 sf
  - exhibition space 900 sf
  - seed library 1000 sf
  - offices 500 sf
  - storage

- PRODUCTION**
- employee restroom / lockers 800 sf [2]
  - small harvesting space 200 sf [6]
  - large harvesting space 500 sf [2]
  - cold storage 800 [4]
  - meeting space / office 1000 sf
  - grow space 20,000sf
  - system space (plan for future)

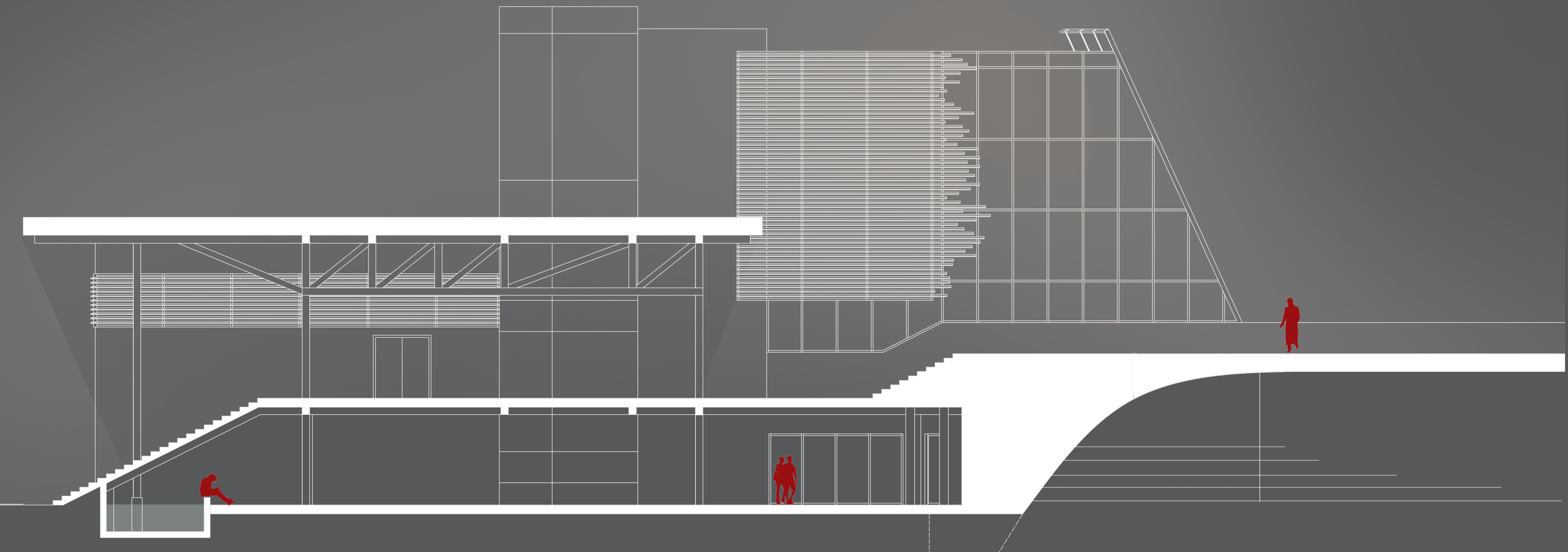
- EDUCATION / EXPERIMENTATION**
- classroom 1300 sf
  - dry lab 1300 sf
  - grow space 4000 sf
  - harvesting space 300 sf

circulation 10,000 sf

**TOTAL SF 49,700 sf**



Section 2 - Looking SW Through Grow Room  
1/8" = 1' - 0"



Section 3 - Looking SW Through Bridge  
1/8" = 1' - 0"