

ARTIST STUDIO

Based on the Cube Space Project design an artist studio.
The spaces will be generated by the cube space project completed in class.
The studio must be based on a modular system of 3' module.
The studio is to be designed completely off the utility grid.

Design a studio loft for an artist.

Spaces required:

- a. Gallery Area
- b. Artist Workspace
- c. Minimal sleeping area
- d. Minimal eating area
- e. Minimal bathroom
- f. Roof terrace

Site:

Downtown Miami warehouse space. The space will be a unit 30'x30'x21'high.

South Façade:

The South façade of the building faces the street. The South facade is a glass storefront adjacent to the sidewalk.

North Façade:

The North façade faces a service alley used for delivery and trash pick-up.

East and West Facades:

An 8" concrete block party wall dividing the units are located on the East and West facades.

Passive energy systems must be employed in the design.

1. Solar Panels to collect electricity
2. Passive Solar protection to minimize heat gain
3. Green roof on terrace
4. Cross ventilation to minimize a/c use
5. Water collection of gray water for flushing toilets and irrigation
6. Material finishes and furniture must be recycled.
7. Materials and finishes must contribute to the indoor air quality of the space.