



**A**



**B**

## HOUSING TYPE

### **ADAPTIVE REUSE**

Also called architectural reuse, building recycling, building revitalization and repurposing

#### DESCRIPTION

##### **Definition**

the process of changing the building use case e.g. hotel for overnight guests or factory for manufacturing to housing. Applied to existing buildings that may or may not be historically significant.

##### **Housing Units**

The number of housing units will be dependent on the size of the repurposed building. Will likely exceed four (4) housing units.

##### **Most Common Types**

- Factory building to housing (image A)
- Office building to housing
- Mission-based building (e.g. church) to housing (Image B)
- School to housing (image C)

##### **Additional Types (if applicable)**

- Government building to housing
- Hotel to housing
- Mall to housing
- Other underutilized building to housing

#### NOTABLE FEATURES

##### **Reduce, Reuse and Recycle**

Adaptive reuse reduces material use by repurposing the building instead of building, a process that would require extracting more raw materials to build.

##### **Historic Character**

The redevelopment process helps to retain historic features that are unique to the building.



**C**

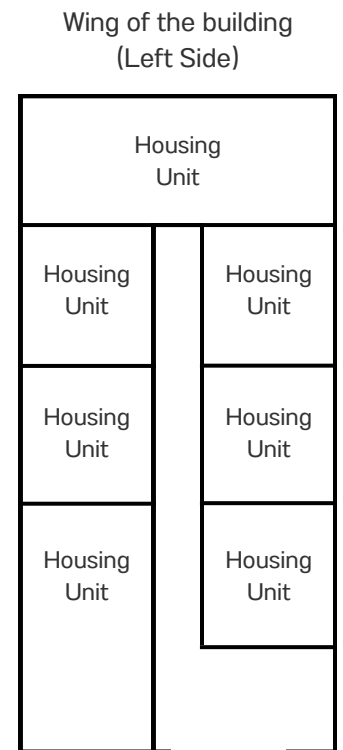
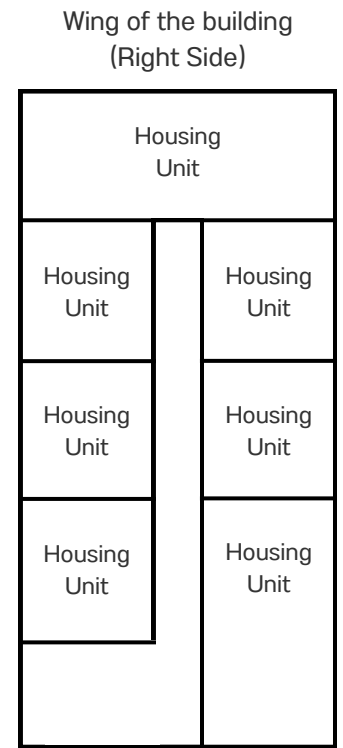
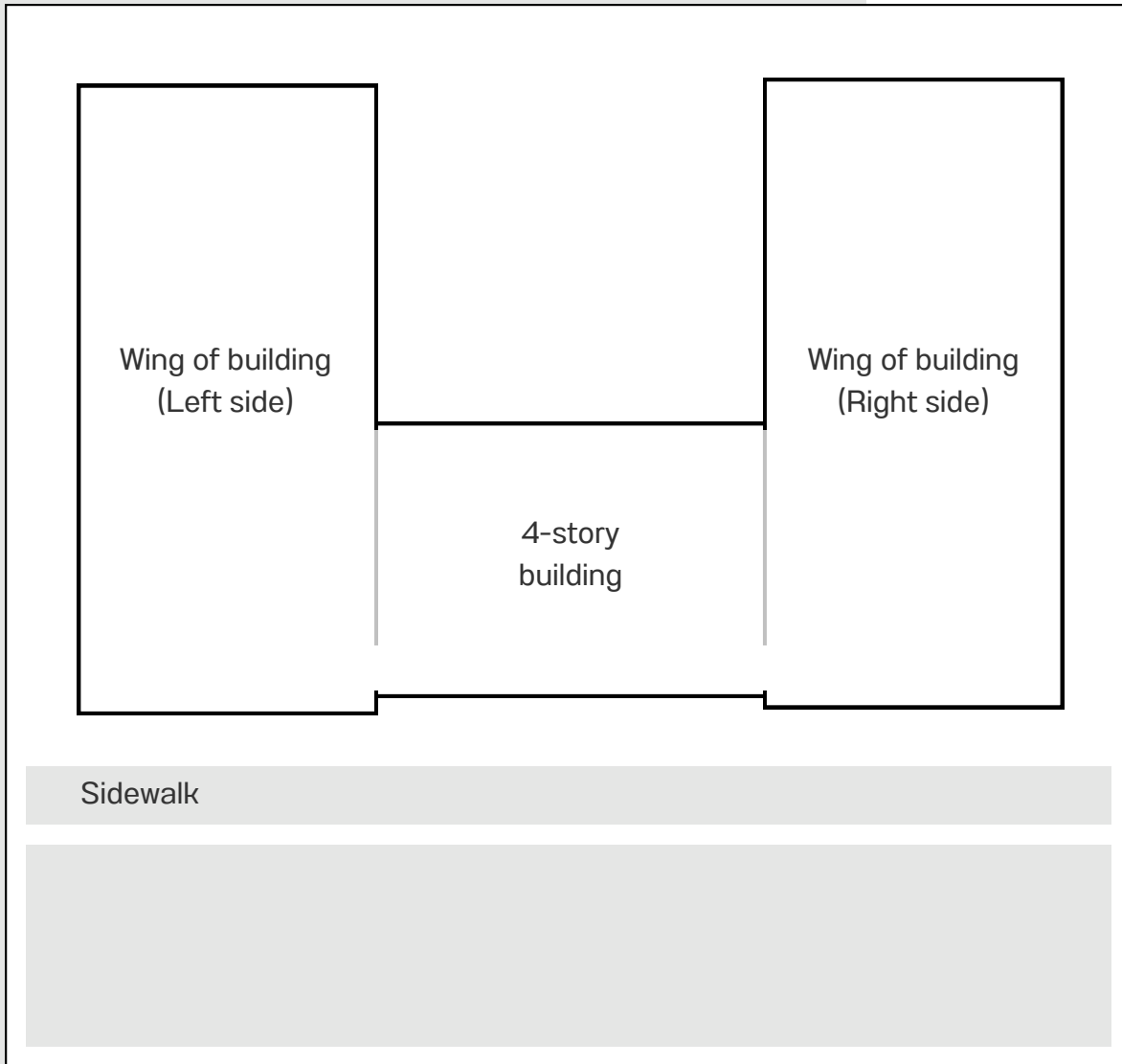
Photo Credit for:

Image A: Photo credit to Tanner Burgdorf

Image B: Photo credit to Tanner Burgdorf

Image C: Photo credit to Tanner Burgdorf

# SAMPLE: **ADAPTIVE REUSE** ON A PHYSICAL SITE



Adaptive reuse of a U shaped factory building with the two (2) wings of the building repurposed into halls with multiple housing units on each floor.

## Best Practices & General Resources

Not applicable for this housing type.

## Citations

1. Armstrong, Gillian; Wilkinson, Sara. (May 12, 2023). A framework for sustainable adaptive reuse: understanding vacancy and underuse in existing urban buildings. *Frontiers*. <https://www.frontiersin.org/articles/10.3389/frsc.2023.985656>
2. Badger, Emily; Buchanan, Larry. (March 3, 2023). Here's How to Solve a 25-Story Rubik's Cube. *The New York Times*. <https://www.nytimes.com/interactive/2023/03/11/upshot/office-conversions.html>
3. Mortice, Zach. (October 9, 2023). After School Closings, a Renovation Challenge. *Bloomberg*. <https://www.bloomberg.com/news/features/2023-10-09/what-can-cities-do-with-closed-school-buildings>
4. Sisson, Patrick. (May 9, 2023). A Campus With a Smokestack: Converting Old Factories Into Schools. *The New York Times*. <https://www.nytimes.com/2023/05/09/business/adaptive-reuse-schools-real-estate.html>