

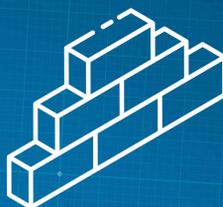
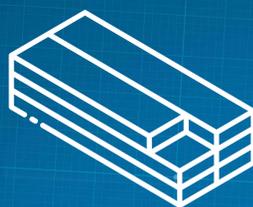
TIPS ON DECONSTRUCTION

Optimizing the benefits of deconstruction means salvaging the greatest amount of material and making the process of disassembly easier, more cost effective, and energy efficient.

Domicology recognizes that we must consider the end of building life when we are designing and constructing it and design with deconstruction in mind.

TECHNIQUES

Various techniques have been developed to help to design for deconstruction. All of them emphasize simplifying building constructions. If a building can be constructed simply, it probably can be deconstructed simply.



METHODS

Designing prefabricated units for construction makes buildings easier to deconstruct at the end of their lives. For example, pre-cast concrete floor panels can be disassembled easily in large sections. This makes them more useful once salvaged and easier to deconstruct.



PREFABRICATED CONCRETE PANELS



POURED CONCRETE SLABS

Transporting larger, pre assembled units can reduce construction costs and minimize the environmental effects of transportation by moving fewer pieces to the worksite.

Wood flooring, steel members, brick, concrete blocks, and carpet tile can be easily and directly reused, refurbished or recycled.

When designing structures, plan for future renovations and adaptations in order to reduce construction waste in the future. Innovate and create adaptable structures.

To make things easier to take apart and reuse, use fasteners like screws, bolts, and connectors rather than glues, caulks, and foams. This requires more time in construction but causes less environmental impact and cost later.