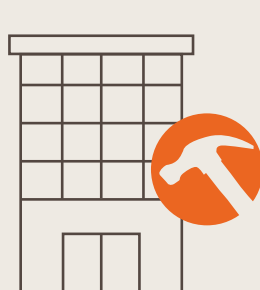


WHEN IS SELECTIVE DEMOLITION THE RIGHT CHOICE?

WHEN SELECTIVE DEMOLITION IS AN EXCELLENT CHOICE

Remodels



Upgrades



Building extensions



BUILDING EXTENSION IN PROGRESS

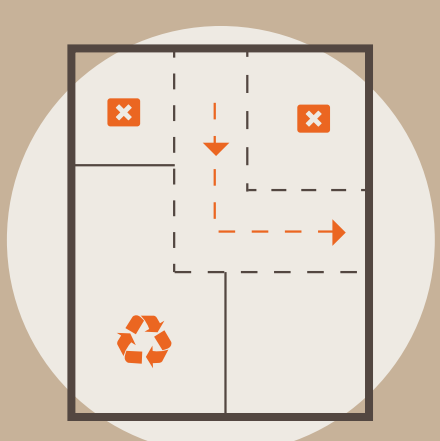
1.



Building survey:

Examine construction materials, building use, pedestrian and traffic conditions, surrounding neighborhood, building codes

2.



Make a plan:

Include the area to be demolished, topography, distance to other structures, floor layouts, demolition procedures, shoring and temporary supports, paths of egress

3.



Mitigate hazards:

Remove lead, asbestos, contaminated soil, flammable objects; review safety hazards with crew; inspect demolition equipment daily

4.



Prepare the site:

Turn off utilities, cap pipes, install temporary lighting

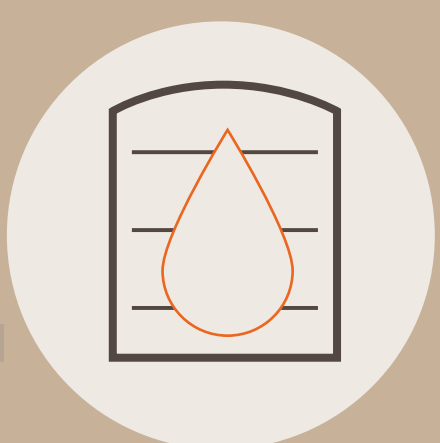
5.



Strip nonstructural components from building:

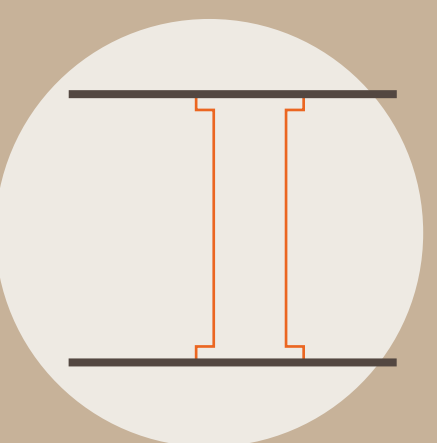
Windows, plumbing, machinery, doors, fixtures, furniture, appliances
• Separate the components into piles: Recycle, reuse, sell, donate

6.



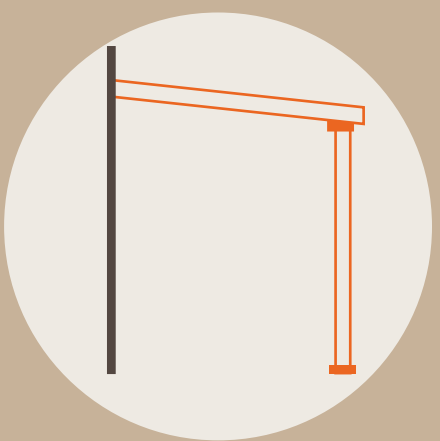
Remove water tanks and lift rooms before demolishing the roof

7.



Add shoring and temporary supports

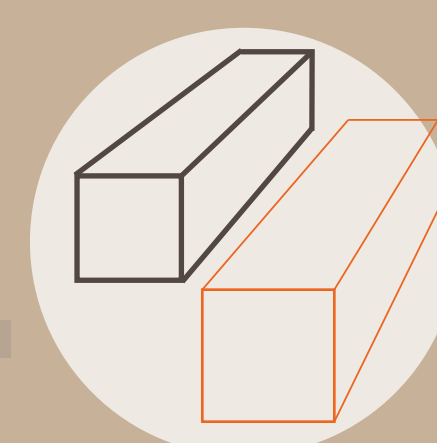
8.



Remove verandas, cantilever structures and features on external walls

- Remove floor beams in order of cantilever beams, secondary beams, then main beams
- Remove load-bearing walls and columns after removing the beams on top

9.



Demolish floor slabs:

Begin mid-span and work toward support beams
• Demolish floor beams in order of cantilevered beams, secondary beams, then main beams

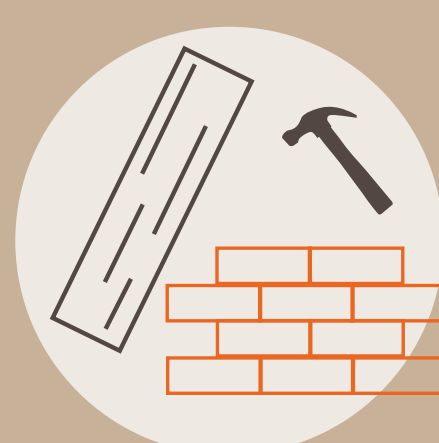
10.



Sort building materials into piles:

Scrap metal, concrete, bricks, lumber, glass, drywall
• Recycle, reuse, sell or donate the materials

11.



New construction:

Use salvaged materials and new materials