

WHY DO I HAVE TO RECYCLE?

State law requires jurisdictions to divert 50% of discarded materials from land fills. Debris from construction and demolition of buildings represents a significant portion of the solid waste coming from the City of Fort Bragg. Much of that debris is suitable for recycling. Recycling and waste reduction are already standard operating procedure for many builders and contractors. Besides, it's the right thing to do!

WHAT SIZE PROJECTS ARE SUBJECT TO THIS ORDINANCE?

The ordinance applies to the following types of projects:

1. Any project of more than 1,000 square feet requiring a permit for demolition;
2. Any remodel or renovation project of more than 500 square feet;
3. Any new construction project; and/or
4. Any road, sidewalk, or driveway renovation/demolition project that results in the removal of 200 square feet or more of asphalt or concrete.

HOW MUCH MUST BE RECYCLED?

- Demolition: 75% of asphalt/concrete
15% of all other debris
- New Construction: 50% of all debris
- Re-roofing: 50% of wood, slate, or stone waste
- Remodeling: 50% of all debris
- Sidewalk, driveway, and roadway demolition or resurfacing: 75% of asphalt/concrete

WHAT DO I NEED TO DO?

1. Contractors/builders complete a Waste Management Checklist that shows how they will meet diversion requirements.
2. Applicant pays processing fee and refundable deposit.
3. Builder recycles materials, gets receipts from hauler, transfer station, and/or recycling firm, and Employee Recycling Certification form then *submits receipts for all solid waste (recycled and non-recycled)* to the City within 60 days of finalizing the building permit to claim a refund.
4. The City reviews the receipts and returns the deposit based on the amount recycled.

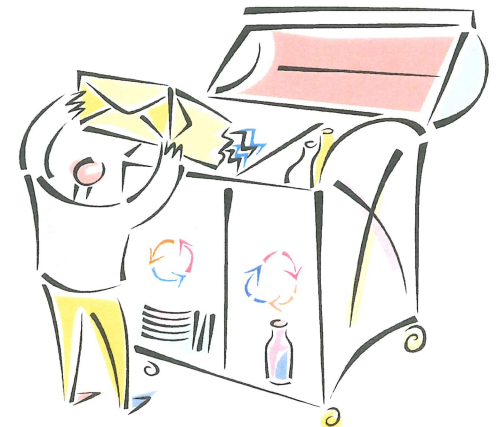


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Construction Waste Minimization & Recycling Guide



City of Fort Bragg

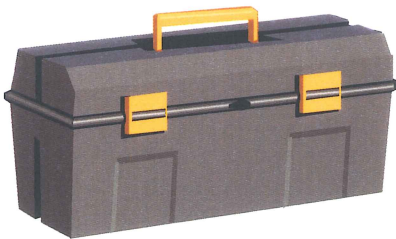


HOW CAN I MAKE THIS WORK FOR ME AND MY CREW?

The following guidelines are designed to help you reduce waste from your next construction project. They are applicable to any building project, big or small.

Project Planning

- Make the elimination of waste and recycling a priority.
- Let your staff know that waste minimization and recycling is everybody's responsibility.
- Educate and inform your employees about the reasons for waste reduction, provide resources (dumpsters, trash cans, areas for sorting) and training to support it.
- Get ideas from staff on how best to proceed.
- Inform and require your subcontractors to participate in waste minimization and recycling.
- Let the building owner know about the program.
- Develop a project waste profile.
- Make arrangements for material separation and collection.
- Have employees who take wood or other recyclable materials home sign-off on the Employee Recycling Certification form.



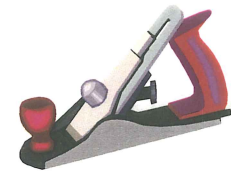
Design, Estimating and Purchasing

- Use good dimensioning and modular components.
- Design to standard material sizes to reduce cuts-offs.
- Avoid over-estimating and rounding-up of purchasing requirements (to reduce left-overs).
- Tell suppliers about the waste recycling requirements.
- Buy environmentally friendly products (see Green Spec Directory).
- Use prefabricated frames and trusses to reduce timber waste.



Construction

- Store all materials (new and waste) to avoid degradation/damage from weathering or moisture.
- Minimization packaging.
- Make arrangement with Waste Management to provide clearly marked bins for material separation. If there is insufficient space to separate materials on site, explore arrangements for mixed loads to be sent to a sorter for recycling.
- Make sure that staff and sub-contractors separate and recycle waste materials and packaging in designated bins.
- Trash goes into a trash can, not into recycling bins. Order trash bin from Waste Management.
- Track receipts from disposal of all waste and all recycled materials. Obtain receipts from recyclers, Waste Management and/or the Casper Transfer Station.



Waste Recycling Specifications

Easy to recycle

- Concrete, asphalt, brick, base rock, fill dirt, sand (without rebar)
- Clean wood cut offs, flooring, trim, pallets
- Plywood
- Unpainted gypsum
- Cardboard/paper
- Finishes, fixtures, appliances -- bathroom fixtures, hardware, windows, doors, plumbing, insulation, used appliances, white goods, etc.
- Metals -- copper tubing, insulated copper and aluminum wires, copper bus bar, brass water meters, brass pipe, aluminum & brass scrap, electric motors & transformers, brass faucets, all other scrap metals
- Glass
- Green waste (yard, landscaping waste)

Can recycle in some cases

- Painted/treated wood
- Carpet

Difficult to recycle

- Wood with nails, paint
- Asphalt shingles
- Asbestos