

University of Tennessee, Knoxville Recycling Station Standard September 23, 2008

Main recycling area in a building on a per 100,000 gsf building basis. Room(s) should have 6 foot minimum depth with a total width/length of 25 feet. This can have varying arrangements as long as there is sufficient space for ten 28 inch wide by 32 inch deep containers (96 gallon rolling bins) and room to maneuver them.

Individual recycling drop points on floors on a per 100 people basis, or no more than 150 foot spacing. Niche should be sufficient for four (4) 30 gallon rolling bins spaced side-by-side under a counter with doors by minimum 5 feet tall. See photo below. This photo is meant to show the requirement for rolling bins, openings, etc. Actual motif can vary to match building.

Openings shall be made in countertop for:

Plastic/Aluminum cans: 6" round for 1-liter bottles

Mixed Paper: 2" x 18" slot

Trash: 12" square

Blank space for spare for future recycling stream.

30 gallon containers are approximately 22" wide x 24" deep x 40" tall.

Cardboard recycling station per 100,000 gsf will need to hold containers that are 17 inches wide by 36 inches deep by 40 inches high with room around the containers to get material in and out. We will need to look at each building and area to determine where and how many might be needed to meet the needs of the building. A standard office facility can probably get by with one per 100,000 gsf, but a facility with a lot of receiving may need more, and may need some in individual spaces in the building with the containers located in a niche, or the recycling space, near or in the loading dock area.

