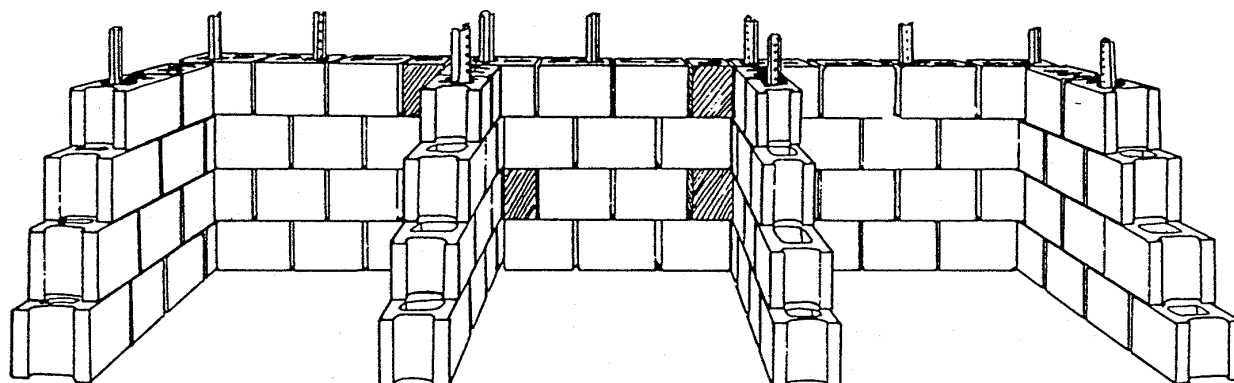




Waste Education Series

Concrete-Block Three Bin Turning Unit

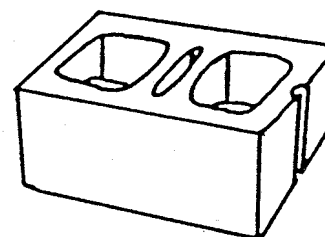
This unit was built in 1992 by the Wisconsin Conservation Corps for a demonstration site in Eau Claire County. The approximate materials cost and construction time were \$90 and one and one-half hours, respectively.



Materials and Tools:

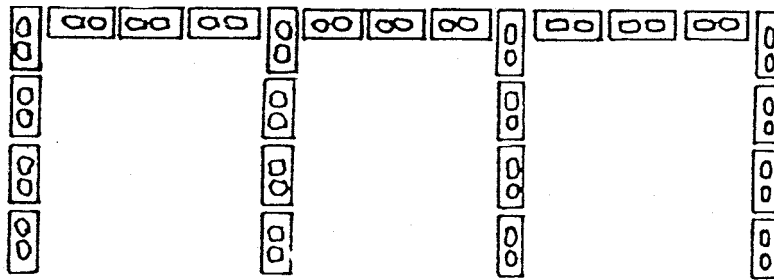
- 86 concrete blocks
- 4 concrete half-blocks
- work gloves
- wooden or metal posts to stabilize the bin

The illustration (right) shows a concrete block with a central slit that makes it easy to split into two half blocks. Score each side of the block in the plane of the slit with a chisel. Then use the chisel and a hammer to split the block along the score.



Construction Details:

1. Place 24 concrete blocks along the ground at the composting site as shown in the illustration below. Leave about ½ inch between each block to let in air.
2. Add a second layer of blocks, staggering them to increase stability. Using the turning unit illustration (# 1) as a guide, place 10 full and 2 half-blocks along the back wall, and three blocks along each side. Leave about ½ inch between each block.
3. Add a third layer of blocks, again staggering them to increase stability. Place 12 blocks across the back of the enclosure and three blocks on each side.
4. The last, and top, layer should have 10 full and 2 half-blocks across the back and 2 full blocks along each side.
5. To make the unit more stable, drive wooden or metal posts through the holes in the blocks.



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