

**Environmental Services Department Policy**  
**Roll-Off Container Acceptance Limitations At Weigh Scale Sites**  
**February 18, 2010**

The Environmental Services Department (Department) is receiving an increased number of requests from Contractors to allow them to deliver solid waste materials to our weigh scale sites in roll-off containers. Mixed solid waste (MSW) and demolition material delivered in these containers presents special operational challenges that have caused the Department to limit or prohibit the acceptance of these loaded roll-off containers at some weigh scale sites.

The policy for accepting waste in roll-off containers varies at Department weigh scale sites depending upon the facilities in place at each location. The policy for MSW roll-offs may be different than the policy for demolition roll-offs at a given site. The policy may become more restrictive if problems occur. The current policy for acceptance of MSW and demolition material delivered in roll-off containers at the six weigh scale sites is as follows:

**Brookston Transfer Station**

1. Demolition material. Roll-offs up to twenty (20) cubic yards will be accepted for unloading at the storage/processing pad. Because of limited space and the current equipment on-site to handle the waste, larger roll-offs are unacceptable. If the waste contains unapproved materials it will be rejected, and then must be transported to the Regional Landfill in Virginia. If a roll-off is unloaded and found to contain unacceptable material, the contractor will have the option of cleaning/sorting the material to the County's satisfaction or a \$75.00 per hour clean-up charge will be applied to the customer's bill at the time of the transaction or in a separate billing when waste is discovered after unloading. (See Clean up policy below.)

2. MSW. Roll-offs up to twenty (20) cubic yards are accepted providing the waste contains very little demolition materials such as long boards, large pieces of plywood, sections of walls, doors, door frames, or other long or large objects that could extend above the trailer sidewalls. Other materials that are not allowed include but are not limited to large bulky items, or heavy items that can damage the transfer trailer. Because of limited space in the trailer, the hauler is to contact the attendant for prior approval before delivering the waste. Roll-off units larger than twenty cubic yards are not accepted.

## **Cook Transfer Station**

1. Demolition material. Roll-offs up to twenty (20) cubic yards will be accepted for unloading at the storage/processing pad. Because of limited space and the current equipment on-site to handle the waste, larger roll-offs are unacceptable. If the waste contains unapproved materials it will be rejected, and then must be transported to the Regional Landfill in Virginia. If a roll-off is unloaded and found to contain unacceptable material, the contractor will have the option of cleaning/sorting the material to the County's satisfaction or a \$75.00 per hour clean-up charge will be applied to the customer's bill at the time of the transaction or in a separate billing when waste is discovered after unloading.. (See Clean up policy below.)

2. MSW. Roll-offs up to twenty (20) cubic yards are accepted providing the waste contains very little demolition materials such as long boards, large pieces of plywood, sections of walls, doors, door frames, or other long or large objects that could extend above the trailer sidewalls. Other materials that are not allowed include but are not limited to large bulky items, or heavy items that can damage the transfer trailer. Because of limited space in the trailer, the hauler is to contact the attendant for prior approval before delivering the waste. Roll-off units larger than twenty cubic yards are not accepted.

## **Hibbing Transfer Station**

1. Demolition material. All sizes of demolition roll-off containers will be accepted because the site has enough storage and space for equipment to operate. If the demolition material contains unapproved materials, the Contractor will be required to transport the load to the Regional Landfill in Virginia, or to another properly licensed disposal facility.

2. MSW. Roll-offs up to twenty cubic yards will be accepted providing the hauler makes prior arrangements with the site Contractor (Kangas Excavating @ 362-5919). Roll-off units larger than twenty (20) cubic yards are not accepted.

## **Aurora Transfer Station.**

1. Demolition material. Roll-offs up to twenty (20) cubic yards will be accepted for unloading at the storage/processing pad. Because of limited space and the current equipment on-site to handle the waste, larger roll-offs are unacceptable. If the waste

contains unapproved materials it will be rejected, and then must be transported to the Regional Landfill in Virginia. If a roll-off is unloaded and found to contain unacceptable material, the contractor will have the option of cleaning/sorting the material to the County's satisfaction or a \$75.00 per hour clean-up charge will be applied to the customer's bill at the time of the transaction or in a separate billing when waste is discovered after unloading. (See Clean up policy below.)

2. MSW. Roll-offs up to twenty (20) cubic yards are accepted providing the waste contains very little demolition materials such as long boards, large pieces of plywood, sections of walls, doors, door frames, or other long or large objects that could extend above the trailer sidewalls. Other materials that are not allowed include but are not limited to large bulky items, or heavy items that can damage the transfer trailer. Because of limited space in the trailer, the hauler is to contact the attendant for prior approval before delivering the waste. Roll-off units larger than twenty cubic yards are not accepted.

### **Northwoods Transfer Station.**

1. Demolition material. Roll-offs up to twenty (20) cubic yards will be accepted for unloading at the storage/processing pad. Because of limited space and the current equipment on-site to handle the waste, larger roll-offs are unacceptable. If the waste contains unapproved materials it will be rejected, and then must be transported to the Regional Landfill in Virginia. If a roll-off is unloaded and found to contain unacceptable material, the contractor will have the option of cleaning/sorting the material to the County's satisfaction or a \$75.00 per hour clean-up charge will be applied to the customer's bill at the time of the transaction or in a separate billing when waste is discovered after unloading. (See Clean up policy below.)

2. MSW. Roll-offs up to twenty (20) cubic yards are accepted providing the waste contains very little demolition materials such as long boards, large pieces of plywood, sections of walls, doors, door frames, or other long or large objects that could extend above the trailer sidewalls. Other materials that are not allowed include but are not limited to large bulky items, or heavy items that can damage the transfer trailer. Because of limited space in the trailer, the hauler is to contact the attendant for prior approval before delivering the waste. Roll-off units larger than twenty cubic yards are not accepted.

### **Regional Landfill.**

1. Demolition material. Demolition roll-off containers are not accepted within the

canister site area. However, if the customer has a large load (roll-off boxes, dump trucks, trailers etc.) they have the option of paying the higher MSW fee and unloading within the landfill area.

2. MSW. All sizes of MSW roll-off containers will be accepted because the waste is unloaded into the landfill.

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## Background Information

### Transfer Station Design:

The Brookston, Cook, Hudson, and Northwoods Transfer Stations were designed to serve traditional garbage trucks which haul bagged and loose garbage which does not include large, long, heavy, or other bulky items. When a traditional garbage truck is unloaded, the operator can regulate the amount of waste being dropped into the transfer trailer. This minimizes the potential for trailer damage, and the likelihood of overfilling the trailer above the sidewalls.

Our transfer stations do not have hydraulically operated clams to reposition waste that extends above the trailer sidewalls, or to remove excess weight from the trailers.

### Roll-off box issues:

When a roll-off box is raised and reaches the tipping point, all the waste dumps into the transfer trailer at the same time. This sudden impact can easily damage the trailers walking floor, walls, or suspension system. It can also result in a substantial amount of waste above the trailer wall that cannot be taken care of with the equipment available.

### Roll-Off Policy Status

This roll-off policy is subject to change depending upon how well the system works.

### **Clean up policy:**

The Department will charge a \$75 per staff hour (or part of an hour) fee for removing unapproved materials delivered by customers. Additional fees for MSW disposal may also be charged.

### **Higher Tipping Fees For Waste From Out-Of-Solid-Waste-Management Area:**

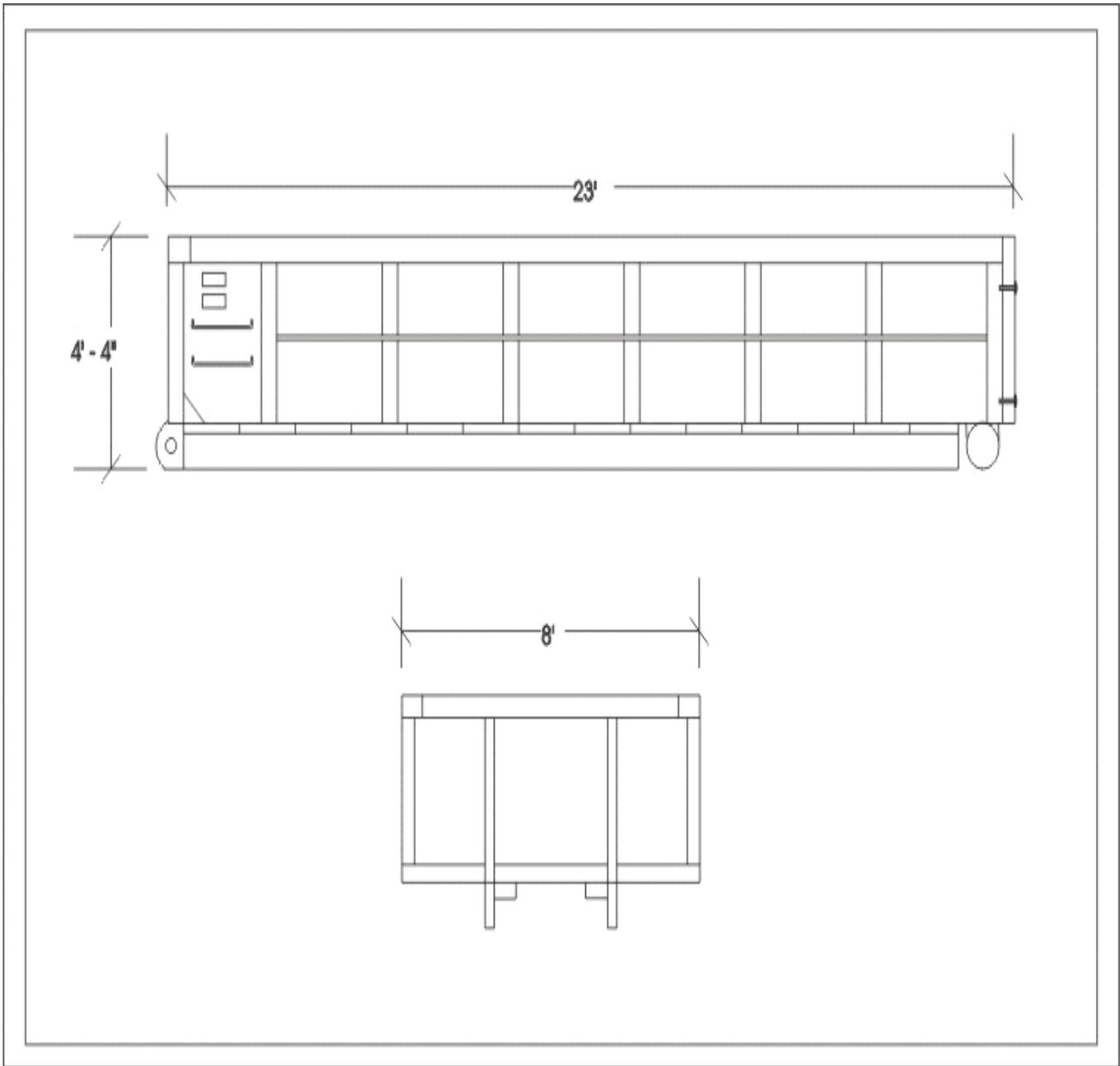
The tipping fee for waste which originates outside of the St. Louis County Solid Waste Management Area is charged at a higher rate (Out Of Solid Waste Management Area rate). This is because these customers did not pay costs to build facilities, close old landfills or the solid waste service fee that residents within the St. Louis County Solid Waste Management Area.

The most common sources of waste which requires the higher tipping fee are as follows:

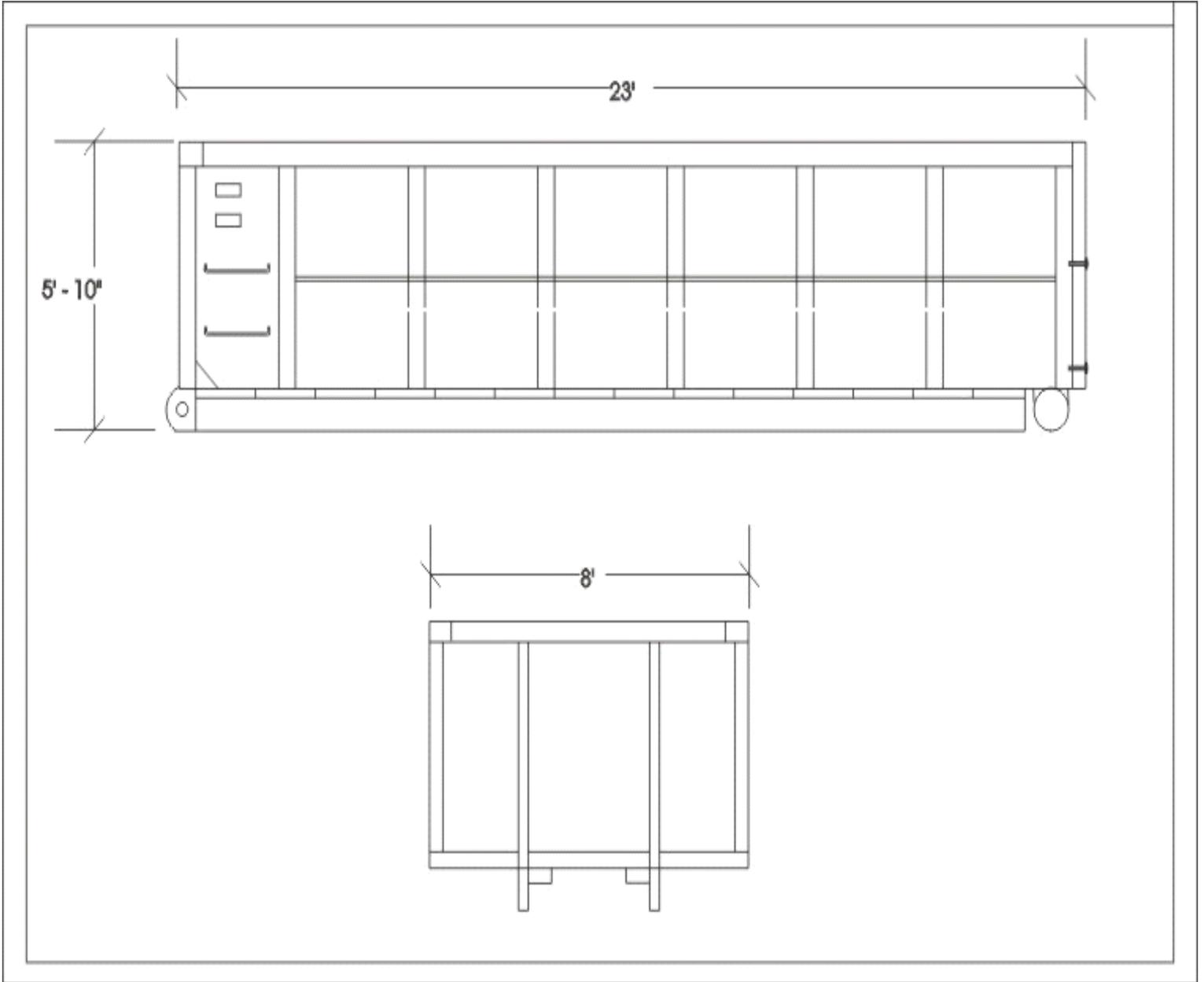
- \*Waste which originates from other counties surrounding St. Louis County such as Carlton, Lake, Itasca, and Koochiching Counties).
- \* Waste which originates from the southeast portion of the County (Duluth and surrounding suburbs). Residents waste from these areas are delivered to the Western Lake Superior Sanitary District.
- \* Residents from the townships of Alden, Fredenberg, Gnesen, Normanna, North Star, Pequaywan, and the unorganized townships 54-13 and 53-15.

### **Roll- off box dimensions (typical)**

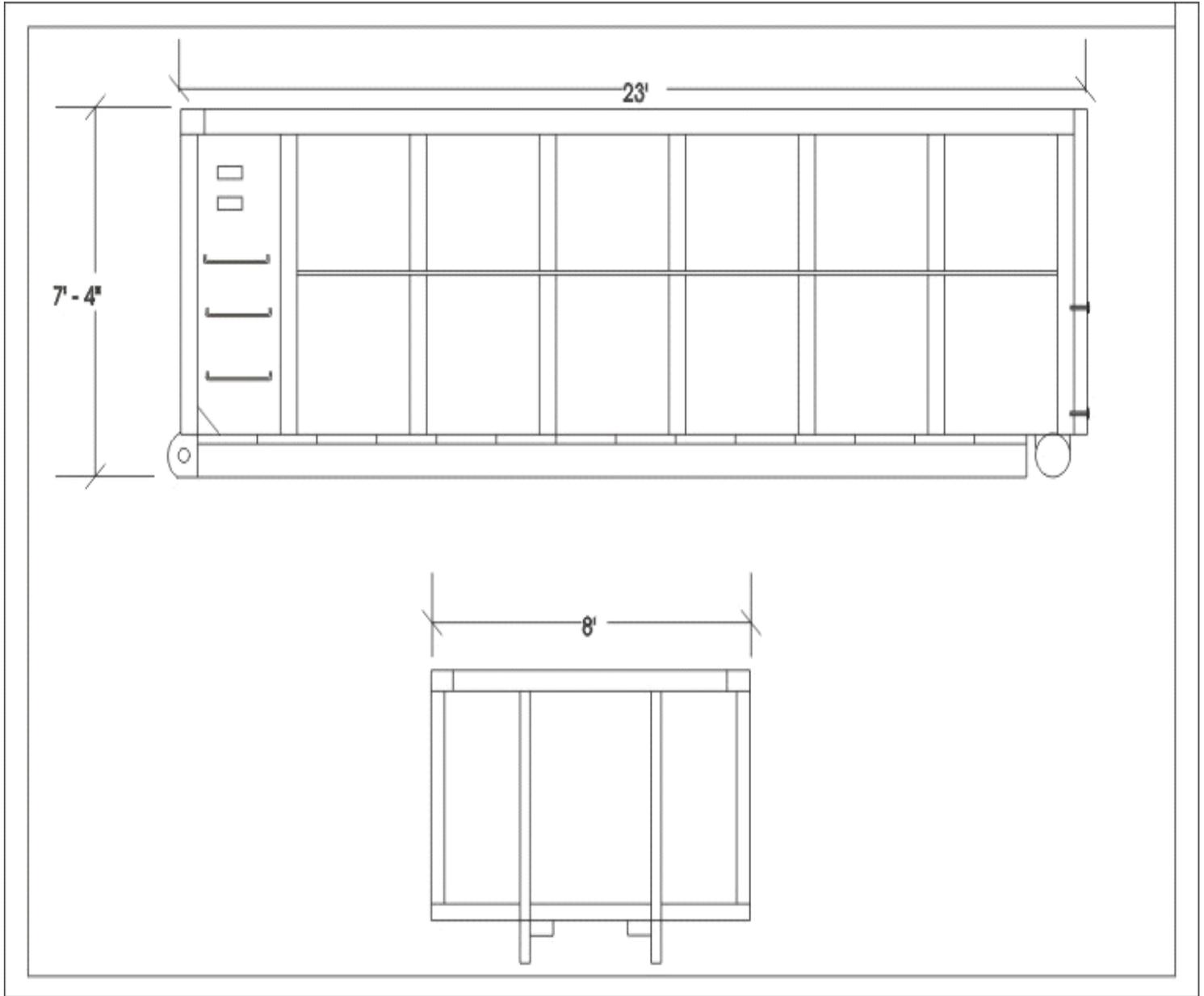
The following graphics provide typical roll-off box dimensions for size verification



20 CUBIC YARD ROLL-OFF BOX



**30 CUBIC YARD ROLL-OFF BOX**



40 CUBIC YARD ROLL-OFF BOX









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