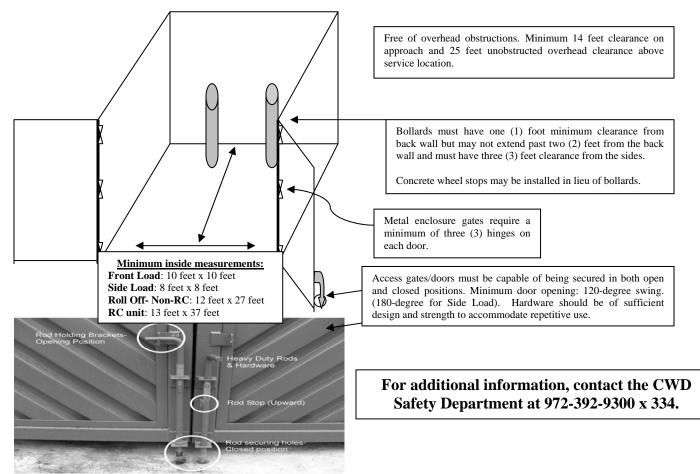


- Customer warrants that the container service area and all right-of-ways for servicing equipment, is sufficient to bear the weight of all equipment/vehicles required to perform the designated services. (Commercial Vehicle gross weight is 54,000 lbs, axle weight is 20,000 lbs with a 10,000 lb single wheel load). All container service areas must be on flat level surfaces.
- Customer warrants that any right-of-way provided for servicing equipment is of sufficient width (minimum 12' width with sufficient swept path clearances to negotiate turns, entrances/exits, etc.) and length to provide access of all equipment, vehicles and personnel access, required to perform the designated services. (Commercial Vehicle length is 33 feet with a 210-inch wheelbase for Front Load trucks and a 278-inch wheelbase for Roll Off trucks. Turning radius is 78 feet Front Load/Side Load and 84 feet Roll Off). There must be 70 feet of unobstructed approach (truck length + approach clearance) in front of each container for Front Load/Side Load service and 100 feet unobstructed approach (truck length + service clearance) for Roll Off container service.
- Customer warrants that any right-of-way provided for servicing equipment is free from all obstructions that may interfere with servicing the container, including sufficient vehicle/driver access clearance areas and unobstructed visibility. Note: CWD is not responsible for damage to ceilings, roofs, wires, or other obstructions with insufficient clearances. Overhead ceilings, roofs, wires, or other obstructions must be a minimum of 14 feet above ground/service level at the lowest point on approach, and 25 feet of unobstructed clearance above the service location. (Some configurations may require additional clearance space). All enclosures/containers should be located to minimize backing. Landscaping/vegetation must be planted with consideration for future growth potential.
- CWD is not responsible for damage caused to automatic vehicular gates if they close against the service vehicle during entry/exit. Property access barriers, including automatic vehicular gates/arms, should be equipped with a reversing Inherent Entrapment Sensing System (ground loop, magnetic, eye sensor, or other) installed, capable of detecting vehicles in both opening and closing cycles to prevent gate closure on entrapped vehicles. Due to increased risk of entrapped vehicles, vehicular gates with split entry/exit sides that swing in opposite directions from each other are not allowed. Gates/arms must have sufficient time allowed for slow-moving vehicle entrance/exit. (Recommended minimum duration of 15 seconds). Proper access codes or remote activation device must be provided for service access.
- Front Load/VIP Enclosures must contain a minimum of 10 feet x 10 feet inside dimensions (*two containers in shared enclosure must be a minimum of 20 feet wide*) to provide reasonable safe clearance for servicing. Access doors/gates must be mounted to provide a minimum 10 feet wide unobstructed opening to the enclosure (20 feet for two containers in shared enclosure), have a 120-degree swing opening radius, and must be securable in both the open and closed positions. Bollards or concrete wheel stops are recommended to prevent containers from being capable of coming into contact with the back of the enclosure (see Enclosure Requirements diagram).
- Side Load Enclosures must be a minimum of 8 feet wide by 8 feet deep to provide reasonable safe clearance for servicing. Access gates/doors must be a minimum of 8 feet wide with a 180-degree swing opening and be capable of being secured in both the open and closed positions.
- Roll-Off Enclosures must provide a minimum of 2 feet clearance on each side and 2 feet clearance in the front and rear of the container. Access gates/doors must be a minimum of 12 feet wide with a 120-degree swing opening and be capable of being secured in both the open and closed positions. (Roll-Off Non-RC= 12' Wide x 27' Deep, RC units= 13' Wide x 37' Deep).
- All enclosure hardware (including access gates/doors) must be of sufficient design and strength to accommodate repetitive use. Metal enclosure gates require three or more hinges to adequately support the weight of the gates over the lifetime of the enclosure. Regular inspections and maintenance should be performed to ensure proper operation and to prevent hardware failure.

- Additional equipment, containers, or other items stored inside the enclosure must be kept a minimum of 2 feet away from each side, and 3 feet away from the rear of the dumpster container and separated from the 10' x 10' required dumpster space by bollards.
- All containers without enclosures must have a 3-foot obstruction-free clearance zone surrounding the service area. This includes vehicles, poles, buildings, and any other obstructions. Containers located behind overhead/roll up doors are subject to the same minimum clearance requirements as containers inside enclosures.
- Containers on casters may not exceed 4 yards in size and must be limited to a required maneuverable distance of less than 50 feet. A smooth, flat, paved, and level surface must be provided for all pathways the container must be maneuvered and will be expected to travel.
- Custom installed containers (container on docks, stands, casters, railing, etc.) or other non-standard enclosures/container service areas (containers located inside buildings or under roof, etc.) must provide safe access to and from the service area, and safe clearance around the container in all directions. *Custom installed containers may require additional clearances*. Pre-construction review or site inspection is recommended.
- All trash/recycle items must fit inside the container. CWD is not responsible for damage caused by (or from) items left outside or on top of the container, or damage caused from servicing overloaded/overweight containers. Customers are responsible for citations resulting from servicing/transporting overloaded/overweight containers.
- Building developer must assure that all additional enclosure dimensions and construction material meet the construction requirements of the local City Land Development Code. Customers with enclosures that will also be housing other non-trash/recycle serviceable containers (grease traps, oil containers, special waste, etc) must provide additional space to accommodate bollards to separate the regular trash/recycle container and the other container, plus a two foot clearance (on each side) between the bollards and both containers. All drains/covers located inside the enclosure must have prior approval from the City. All enclosures walls must be 8 foot minimum height and uncovered (open to the sky). To ensure compliance with the above guidelines, a plan review or site inspection is recommended.



Basic Enclosure Requirements

CWD Commercial Trash and Recycling Guidelines

Front Load Service

Container Dimensions: *Width- Length- Height* 4 cubic yard dumpster 84" 60" 63" 6 cubic yard dumpster 84" 67" 72" 8 cubic yard dumpster 84" 72" 77" *Sizes are approximate and may vary by manufacturer. One cubic yard = 170 gallons

Height is measured with the lids. Lids must remain closed at all times except when the container is being loaded or unloaded. When lids are raised, full height from the ground to the top of lids may extend to 130".

Required Clearance for Front End Loading Vehicles:

Vertical (Approach and Exit) 14' High Vertical (When dumping container) 25' High Lateral Sixteen 16' Wide Outside Turning Radius 78' - (84' feet in pick-up/service position) Length of Vehicle 33' - (37' in pick-up/service position)

Side Load Service

Container Dimensions: *Width- Length- Height* 3 cubic yard dumpster 60" 60" 52" 4 cubic yard dumpster 30" 66" 62" *Sizes are approximate and may vary by manufacturer. One cubic yard = 170 gallons

Height is measured with the lids. Lids must remain closed at all time except when the container is being loaded or unloaded. When lids are raised, full height from the ground to the top of lids may extend to 90".

Required Clearance for Side Loading Vehicles:

Vertical (Approach and Exit) 14' High Vertical (When dumping container) 20' High Lateral 12' Wide Outside Turning Radius 78' Length of Vehicle 33'

Roll Off – Open Top/Compactor Service

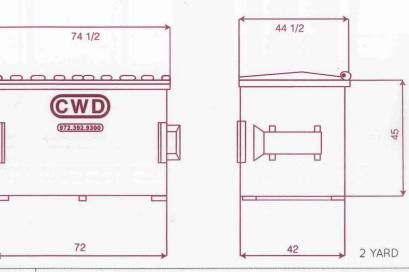
Open Top Dimensions: 40 Yard 30 Yard

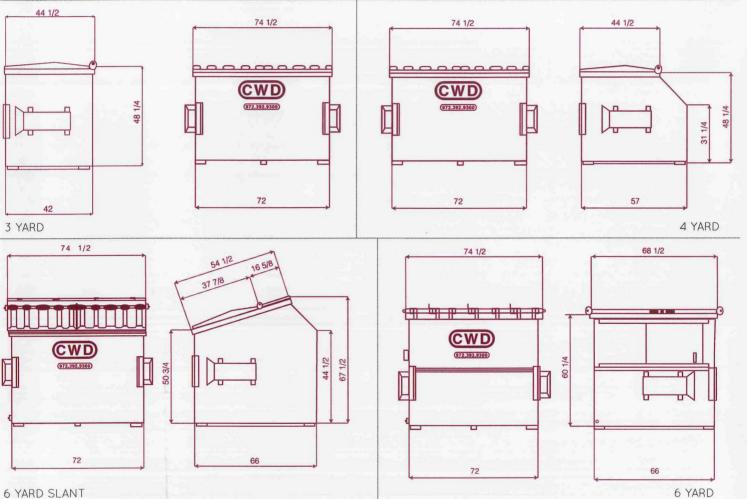
Length: 22' Length: 22' Width: 8' Width: 8' Height: 8' Height: 6' *Sizes are approximate and may vary.

Required Clearance for Roll Off Vehicles:

Vertical (Approach and Exit) 14' High Vertical (When loading or unloading container) 25' High Lateral 12' Wide Service Area length 70' long Outside Turning Radius 84' Length of Vehicle 33'

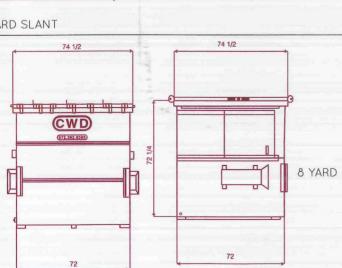
FRONT
 LOADING
 CONTAINERS

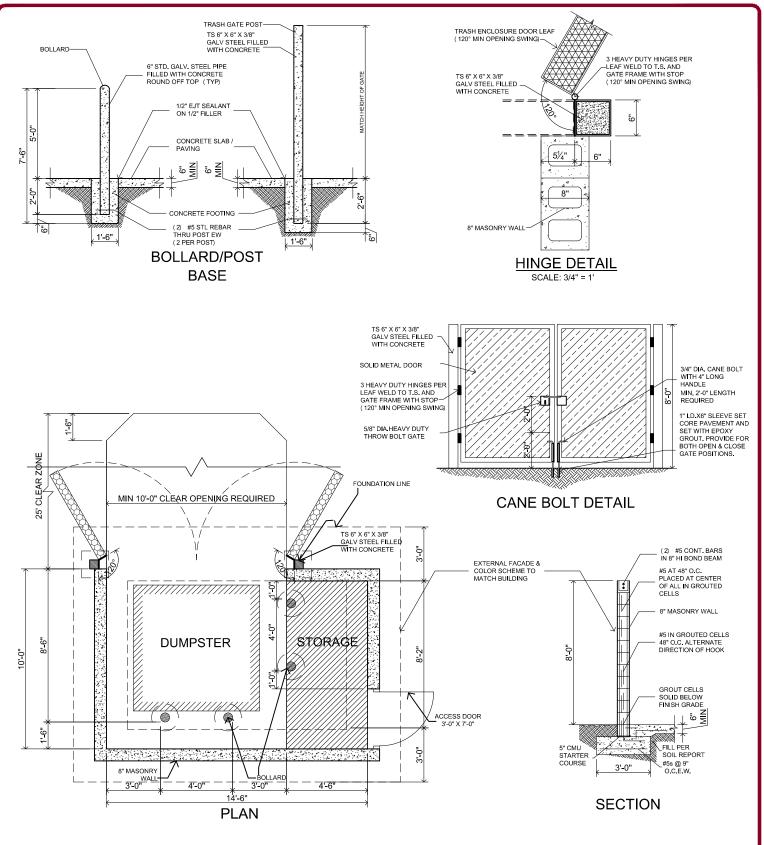




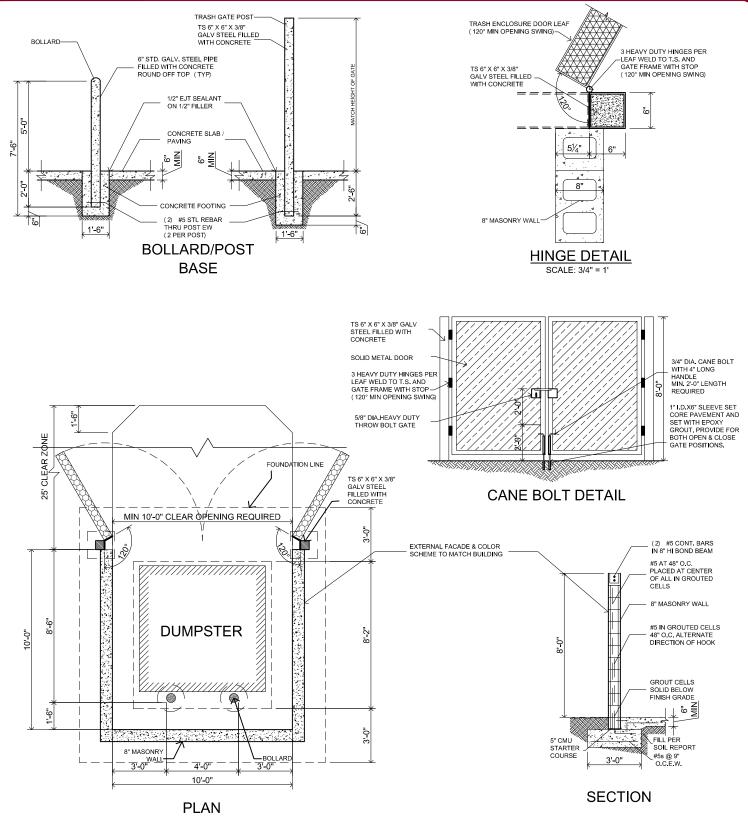
All containers are manufactured from the highest quality materials to provide years of dependable service. Different styles are available and can be tailored to your waste disposal needs.



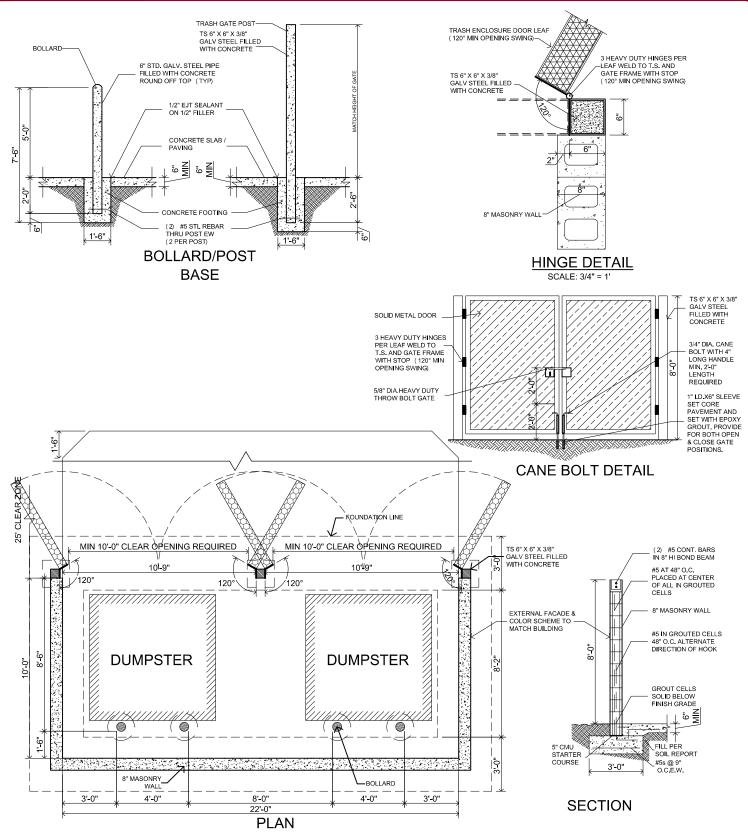




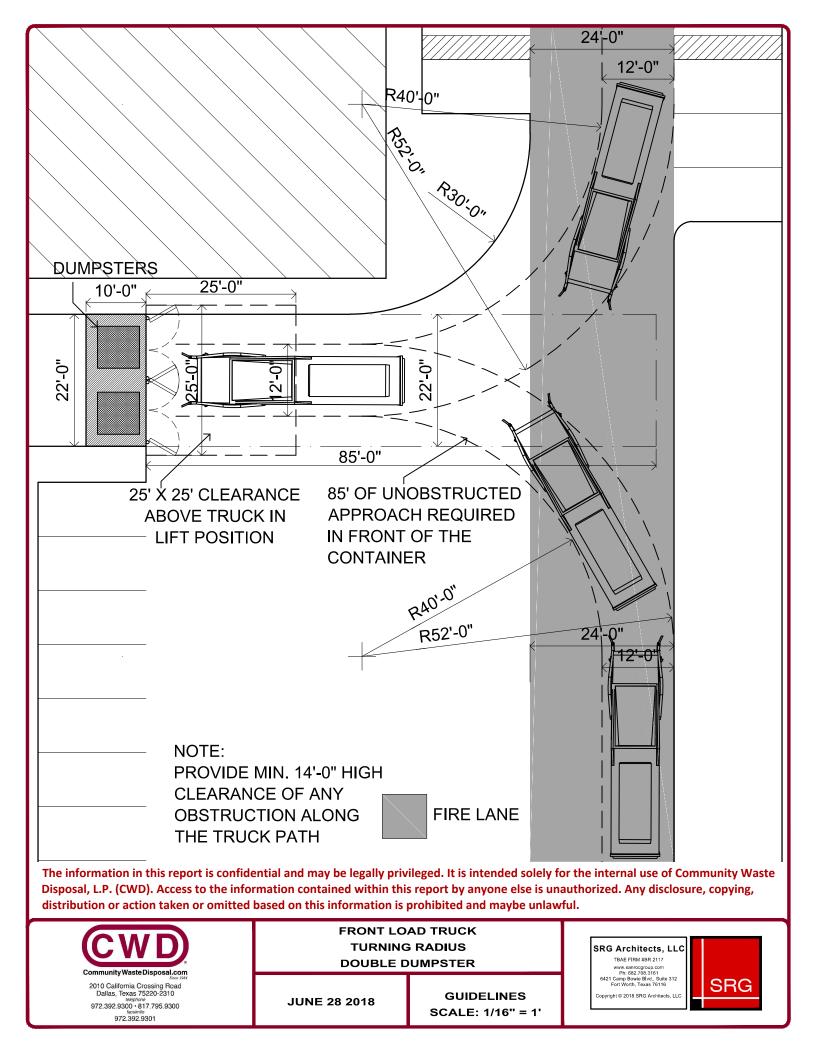
| CWD | | DUMPSTER STORAGE | SRG Architects, LLC TAAE FIRM 48R 2117 WWW.safrocoroup.com Pr: 682 7708.3161 |
|---|----------------|---------------------------------|--|
| 2010 California Crossing Road Dallas, Texas 75220-2310 972.392.9300 - 817.795.9300 pressinio 972.392.9301 | AUGUST 23 2018 | GUIDELINES SCALE: 3/16" = 1' | 6421 Campi Bowe Bird, Suine 312 Fort Worth, Texas 76118 Copyright © 2018 SRG Architects, LLC |

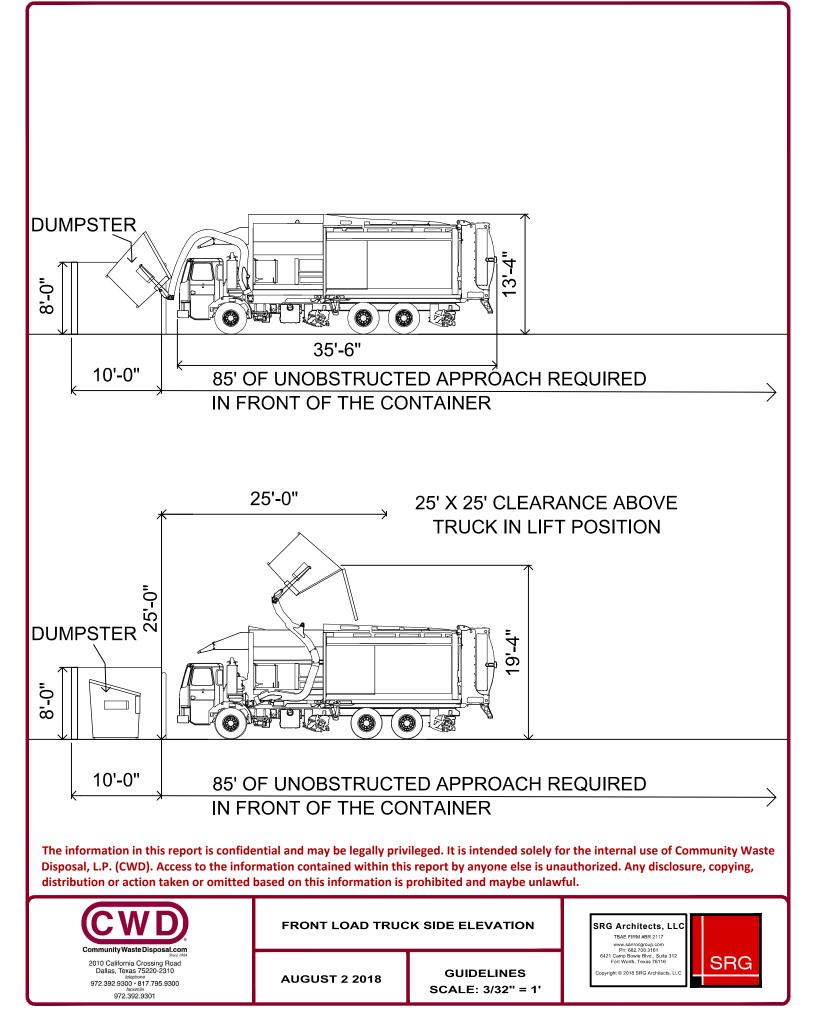


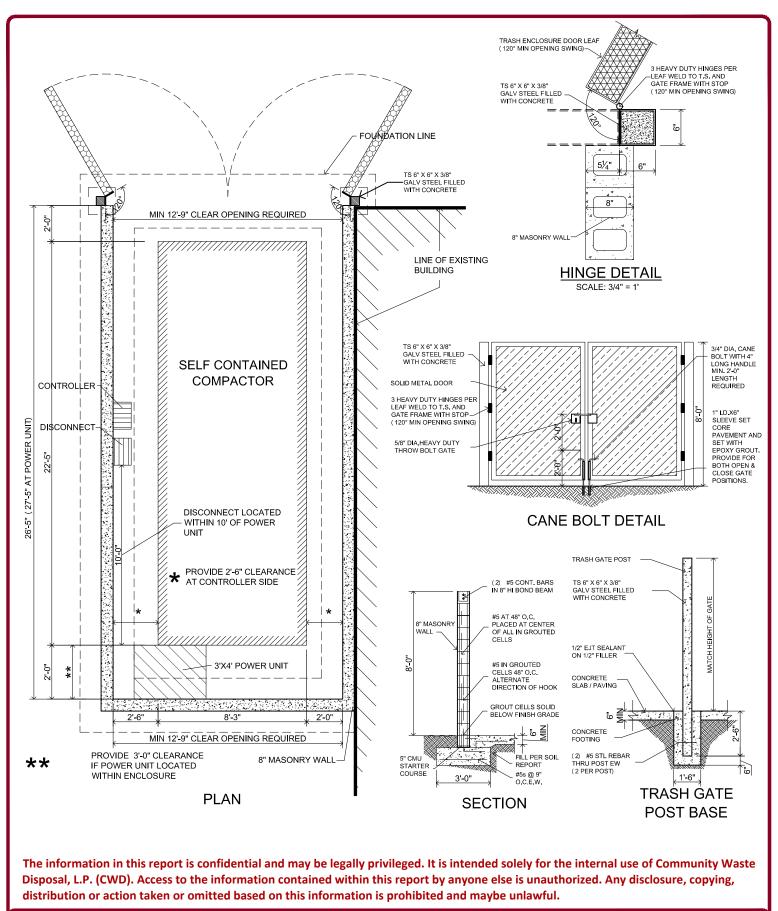
| CWD | SINGLE | DUMPSTER | SRG Architects, LLC TBAE FIRM #BR 2117 www.aarnogroup.com Pr::e82708.3161 |
|---|----------------|---------------------------------|---|
| 2010 California Crossing Road Dallas, Texas 75220-2310 Integritoria 972.392.930.817.795.9300 972.392.9301 | AUGUST 23 2018 | GUIDELINES SCALE: 3/16" = 1' | 6421 Camp Bowe Bird, Suite 312 Fort Worth, Texas 76118 Copyright © 2018 SRG Architects, LLC |

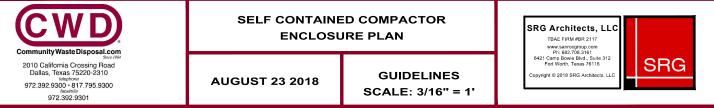


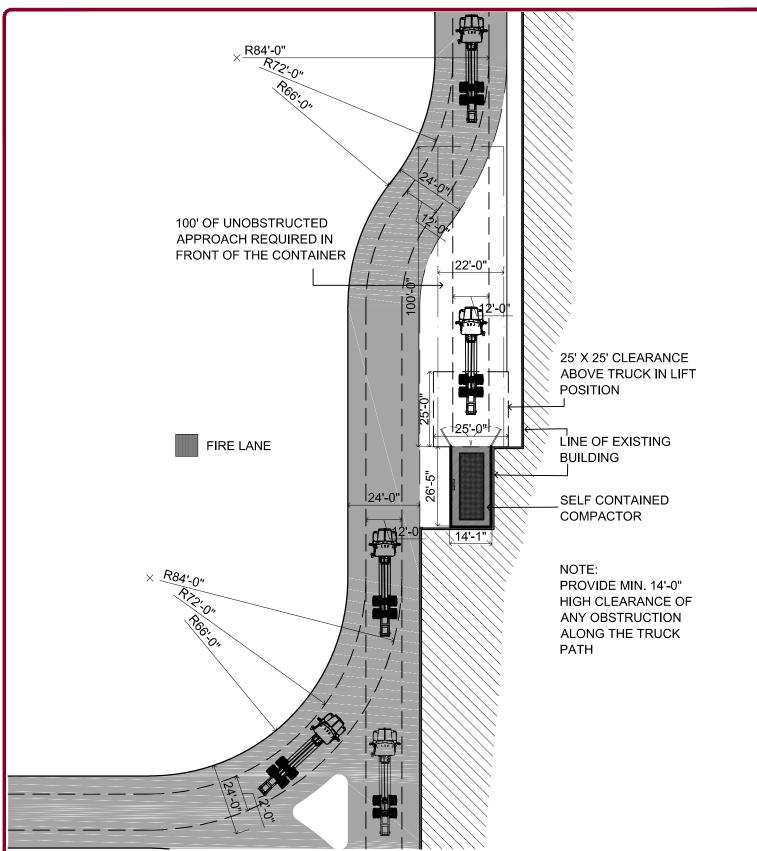
| C W D Community Waste Disposal.com | DOUBLE D | DUMPSTER | SRG Architects, LLC TAAE FRM 48R 2117 www.samcogroup.com Pr: 622 / 708 3611 |
|---|----------------|---------------------------------|---|
| 2010 California Crossing Road Dallas, Texas 75220-2310 972.392.9300 817.795.9300 972.392.9300 917.795.9300 972.392.9301 | AUGUST 23 2018 | GUIDELINES SCALE: 3/16" = 1' | 6421 Camp Bowe Bird. Suite 312 Fort Worth, Texas 76116 Copyright 6 2018 SRG Architects, LLC |



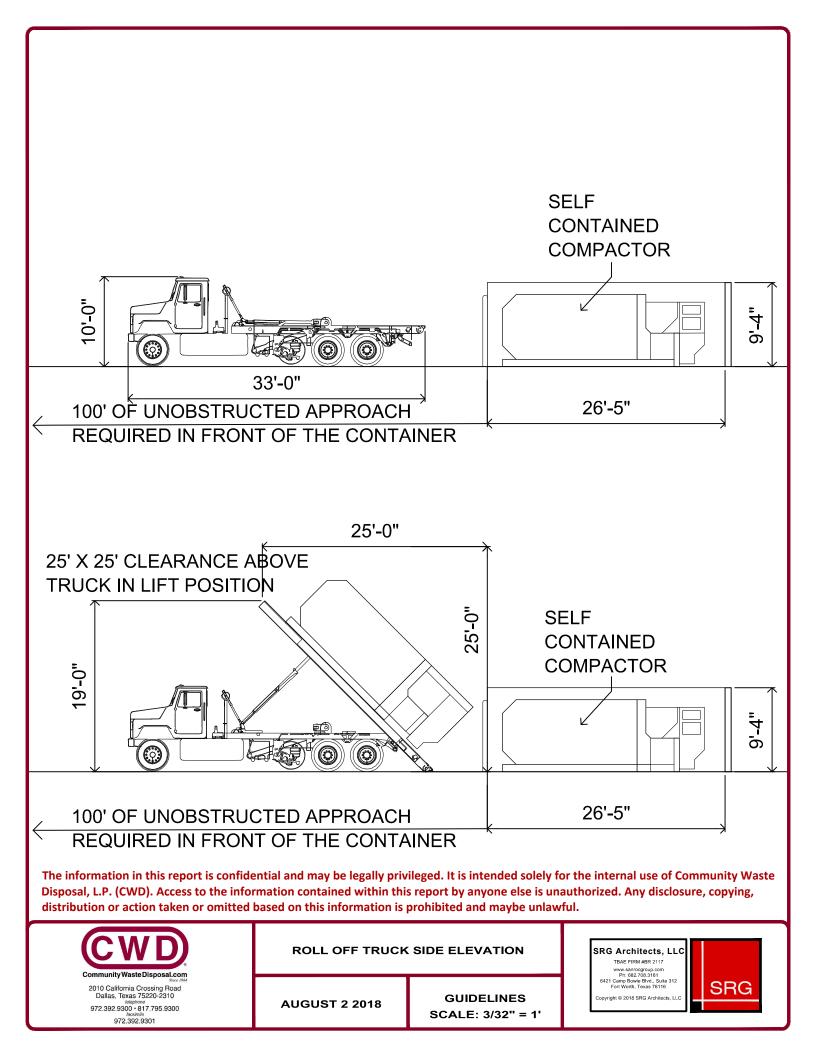




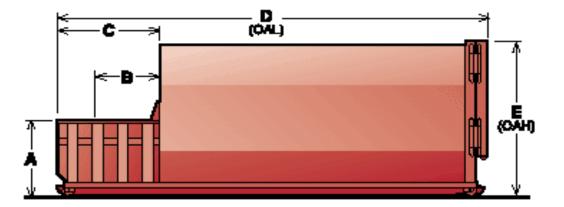




| COMMUNIty Waste Disposal.com | ROLL OF TURNING | F TRUCK B RADIUS | SRG Architects, LLC TBAE FIRM BR 2117 www.samocgoup.com pr. 682 709 3161 |
|---|--------------------|---------------------------------|---|
| 2010 California Crossing Road Dallas, Texas 7520-2310 972.392.9300 • £17.795.9300 972.392.9303 | JUNE 28 2018 | GUIDELINES SCALE: 1/32" = 1' | 6421 Camp Bowe Bird, Suite 312 Fort Worth, Toxas 76110 Copyright & 2018 SRG Architects, LLC |



Self-Contained Compactors

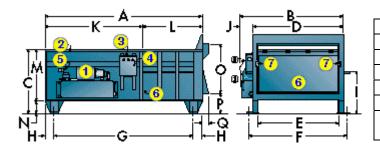


| | А | В | С | D** | E | LBS. |
|-----------|-----------------------|----------------------------|----------------------------|-----------------------------|-----------------------|-----------------------|
| 15 cu yds | 4' – 0" 1219 mm | 3' – 7- 1/4" 1099 mm | 5' – 7- 1/2" 1715 mm | 14' – 3" 4344mm | 7' – 5" 2261 mm | 8860 lbs. 4173 kg |
| 20 cu yds | 4' – 0" 1219 mm | 3' – 7- 1/4" 1099 mm | 5' – 7- 1/2" 1715 mm | 17' – 4" 5284 mm | 7' – 5" 2261 mm | 9520 lbs. 4318 kg |
| 25 cu yds | 4' – 0" 1219 mm | 3' – 7- 1/4" 1099 mm | 5' – 7- 1/2" 1715 mm | 17' – 10- 1/2" 5449mm | 8' – 8" 2642 mm | 10030 lbs. 4550 kg |
| 30 cu yds | 4' – 0" 1219 mm | 3' – 7- 1/4" 1099 mm | 5' – 7- 1/2" 1715 mm | 20' – 5" 6223 mm | 8' – 8" 2642 mm | 10620 lbs. 4818 kg |
| 35 cu yds | 4' – 0" 1219 mm | 3' – 7- 1/4" 1099 mm | 5' – 7- 1/2" 1715 mm | 22' – 5" 6833 mm | 8' – 8" 2642 mm | 11130 lbs. 5049 kg |

Standard CWD Self Contained Compactor size is 35 cu yd.

*Sizes are approximate and may vary by manufacturer

Stationary Compactors

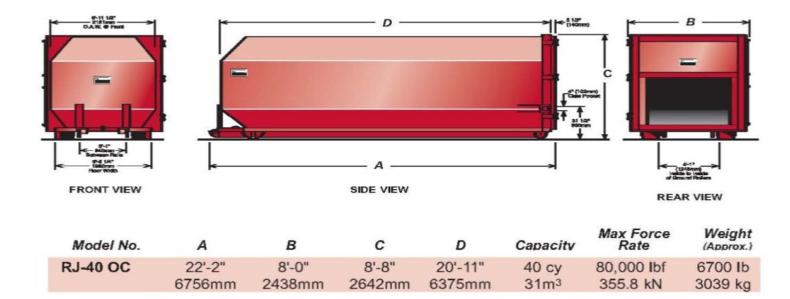


| 1 | Side Mount Power Unit |
|---|---------------------------------------|
| 2 | Power Unit Weather Cover |
| 3 | Control Panel Box |
| 4 | Motor Starter Reset Button |
| 5 | Limit Switch |
| 6 | Ram |
| 7 | Ram Guide Shoes with Replaceable Wear |
| | Strips |

| A | В | С | D | Е | F | *G | *H | I |
|----------|---------|----------|---------|---------|---------|----------|---------|---------|
| 119 1/2" | 79" | 48 9/16" | 69 1/8" | 60" | 75" | 106 1/2" | 6 1/2" | 31 1/2" |
| 3035 mm | 2007 mm | 1233 mm | 1756 mm | 1524 mm | 1905 mm | 2705 mm | 165 mm | 800 mm |
| J | К | L | М | | Ν | 0 | Ρ | Q |
| 9 1/2" | 73 3/4" | 45 3/4" | 39 9/* | 16" | 9" | 38 1/2" | 14 5/8" | 5" |
| 241 mm | 1873 mm | 1162 mm | 1005 r | nm | 229 mm | 978 mm | 371 mm | 127 mm |

•

At Bolt Centers (reference dimensions only) Sizes are approximate and may vary by manufacturer. •





Self-contained Roll-off **Compactor / Containers**



Mini-SCS system with truncated container

 Secure safety door locking system with catch and cam locked, ratchet load binder.

SCS model with raised compactor

- Oil spill pan positioned under hydraulic disconnect maintains a clean, safe working area.
 - Container inspection/fire port standard.
 - Double end pick-up on standard universal and deadlift understructures.
 - Nylatron ram guide system.
 - Conforms to current ANSI Z245 Standards.
 - Industry's leading warranty program.

- Unitized construction & adjustable door with seal retains high-liquid waste.
- Controls and reduces odor / pest problems.
- Available with 1.5 or 2 cu. yd. capacity compactor.
- Available in 16', 18', 20', 22', and 24' lengths.
- Customized loading applications with security chutes, hoppers, and decks.
- Customized designs available including space saving narrow or short container construction.
- Remote power unit.

Quality Equipment Built with Pride

Specifications

Compactor Specifications

| Model | SC | SCS |
|---|-------------|-------------|
| Mfr's Rating (cu. yds.) | 1.5 | 2 |
| WASTEC Type Rating (cubic yards) | 1.03 | 1.57 |
| Clear Top Opening (in.) Length Width | 31 58 | 40 56.5 |
| Chamber Length (in.) | 32 | 42 |
| Ram Stroke (inches) | 42 | 46.5 |
| Ram Penetration (in.) | 10 | 5.5 |
| Force Rating (Ram PSI at Stated Forces/Lbs.) | 29.5/44,200 | 27.6/49,200 |
| Hydraulic System Pressure | 2,250 | 2,250 |
| Ram Face (inches) Width Height | 60 25 | 59.5 30 |
| Cycle Time (seconds) | 38 | 36 |
| Volume Displacement (cubic yards/hour) | 99 | 158 |
| Motor H.P. | 10 | 10 |
| Pump Volume G.P.M. | 10 | 10 |
| Oil Reservoir (gallons) | 25 | 25 |

Material Specifications

| Model | SC | SCS |
|-----------------|------------------|------------------|
| Compactor Frame | | |
| Floor Plate | 3/8" 1045/AR 235 | 3/8" 1045/AR 235 |

| 5/0 1045/AIT 255 | 5/0 1045/141 255 |
|--------------------|---|
| TS 2" x 2" x 3/16" | TS 2" x 2" x 3/16" |
| Bar 2" x 1/2" | Bar 2" x 1/2" |
| 1/4″ | 1/4″ |
| 6" x 2-1/2" 10 GA | 6" x 2-1/2" 10 GA |
| Formed Channel | Formed Channel |
| L 6" x 6" x 1/2" & | L6"x6"x1/2"& |
| TS 2" x 6" x 1/4" | TS 2" x 6" x 1/4" |
| w/Retainer Teeth | w/Retainer Teeth |
| 1" x 1-1/2" Bar | 1" x 1-1/2" Bar |
| | TS 2" x 2" x 3/16" Bar 2" x 1/2" 1/4" 6" x 2-1/2" 10 GA Formed Channel L 6" x 6" x 1/2" & TS 2" x 6" x 1/4" w/Retainer Teeth |

Ram

| Face Plate | 1/2″ | 1/2″ |
|--------------------|-------------|-------------|
| Floor Plate | 1/2″ | 1/2″ |
| Side Plates | 1/4″ | 1/4″ |
| Top Plate | 1/4″ | 1/4″ |
| Top Plate Supports | C 4" x 5.4# | C 4" x 5.4# |

Container

| Floor & Side Plate | 7 GA | 7 GA |
|------------------------------------|--------------------------------|--------------------------------|
| Floor Supports (on 20" Centers) | C 3″ x 4.1# | C 3″x 4.1# |
| Roof Plate | 10 GA | 10 GA |
| Main Rails | TS 2" x 6" x 1/4" | TS 2" x 6" x 1/4" |
| Bull Nose | 1-1/4" Solid Steel Burn-out | 1-1/4" Solid Steel Burn-out |
| Wheels (4 total) | 5"W x 6-5/8"D | 5"W x 6-5/8"D |

| | Standard Controls & Features | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|
| Cylinder(s): SC - (1) 5" Bore x 2-1/2" Rod x 42" Stroke | | | | | | | | | | | |
| | SCS - (2) 4" Bore x 2-1/2" Rod x 34" Stroke | | | | | | | | | | |
| | Automatic Multicycle System | | | | | | | | | | |
| | Multi Minute Cycle Timer | | | | | | | | | | |
| | Panel Mounted: Key Locked Start Button | | | | | | | | | | |
| | Emergency Stop Button | | | | | | | | | | |
| | Reverse Button | | | | | | | | | | |
| Tri-volt Selection (208, 230 or 460, 3 Phase) | | | | | | | | | | | |
| Pressure Switch Soft-shift System | | | | | | | | | | | |
| | Monitor Gauge (Advance Full/Full Load Warning Pressure Gauge) | | | | | | | | | | |
| | Oil Suitable for Wide Temperature Range (-40° F Pour Point) | | | | | | | | | | |
| | 10' Hydraulic Hoses with Quick Disconnects | | | | | | | | | | |
| | Provisions for Quick Disconnects Mounted on Left and Right Hand Sides | | | | | | | | | | |
| | Oil Spill Pan Mounted Under Both Quick Disconnect Locations | | | | | | | | | | |
| | Oil Level Gauge with Thermometer | | | | | | | | | | |
| | 10' Power Supply Cable | | | | | | | | | | |
| | Removable Compactor Access Panel | | | | | | | | | | |
| | Nylatron Ram Guide System | | | | | | | | | | |
| | Octagon Container | | | | | | | | | | |
| | Rear Container Door: Full Seal | | | | | | | | | | |
| | Ratchet Locking System | | | | | | | | | | |
| | | | | | | | | | | | |

Heavy Duty Adjustable Hinge System

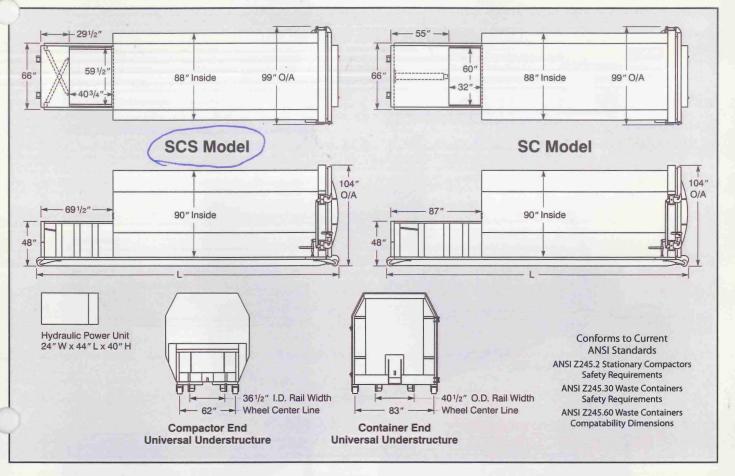
Four Wheels with Grease Fittings Universal or Deadlift Understructure with Double End Pick-up **Container Inspection Port**

Optional Features

Remote Control Station with 10' Cable **Keyed Jog Controls** Advance Full Load Indicator Low/Hot Oil Indicator Light with Shut-off Thermo Oil Heater **TEFC Motor** Deodorizer or Disinfectant Spray System Power Unit Cover with Lockable Door Walk-on and Heavy Duty Decks Safety Hand and Toe Rails **Rear or Side Load Hoppers** Rear or Side Load Security Chutes Dog House Hoppers with Interlocked Door(s) **Container Centering Guide** Rectangular or Special Container Style Double End Pick-up for Dempster and Hooklift Understructures Special Understructures Special Shortened or Cut-down Container Wear Strips on Main Rails Heavy 6" x 2" x 3/8" Main Rails Low Profile Compactor

Contact Your Local Representative for Additional Options

Specifications

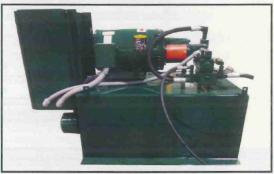


| Model | SC 1619 | SC 1822 | SC 2026 | SC 2231 | SC 2435 | SCS 1623 | SCS 1827 | SCS 2031 | SCS 2235 | SCS 2439 |
|---|--------------------------------------|--------------------------------------|--|--|--|--|--------------------------------------|--|--|--|
| Capacity - Cubic Yards** | 19 | 23 | 27 | 31 | 35 | 23 | 27 | 31 | 35 | 39 |
| Compactor & Container - O/A Length (L)* Universal Understructure Deadlift Understructure Hooklift Understructure Hooklift Understructure w/Fold-down, Compactor End Hook | 18'4-1/2" 18'7" 19'3" 19'5" | 20'4-1/2" 20'7" 21'3" 21'5" | 22' 4-1/2" 22' 7" 23' 3" 23' 5" | 24' 4-1/2" 24' 7" 25' 3" 25' 5" | 26' 4-1/2" 26' 7" 27' 3" 27' 5" | 18' 4-1/2" 18' 7" 19' 3" 19' 5" | 20'4-1/2" 20'7" 21'3" 21'5" | 22' 4-1/2" 22' 7" 23' 3" 23' 5" | 24' 4-1/2" 24' 7" 25' 3" 25' 5" | 26' 4-1/2" 26' 7" 27' 3" 27' 5" |
| Compactor & Container - Weight (Lbs.) | 9,650 | 9,960 | 10,630 | 11,300 | 11,970 | 9,140 | 9,810 | 10,480 | 11,150 | 11,820 |
| Remote Power Unit with Oil - Weight (Lbs.) | 550 | 550 | 550 | 550 | 550 | 550 | 550 | 550 | 550 | 550 |

* Check that the overall length of the unit does not exceed the maximum length that the hoist can haul. Special understructures may change the overall length of the machine, check with the factory for confirmation.

** A frame pull understructure is available. It will reduce the length of the unit by 10" and the capacity by approximately 1.3 cubic yards.

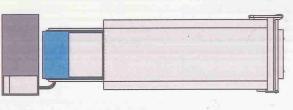
ICAUTION! This equipment should be operated by properly trained personnel. Improper use, misuse or lack of maintenance could cause injury to people and/or property. Photos used in this brochure are illustrative only. Due to its commitment to quality SP Industries' specifications are subject to change without notice to accommodate improvements to its equipment. Information contained within this literature is intended to be the most accurate available at the time of printing.



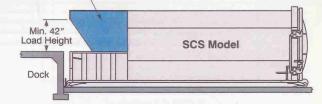
The remote power unit can be placed in any convenient location for protection from weather, accidents, and vandalism. All electrical components are UL listed.



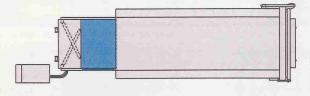
Typical Installations

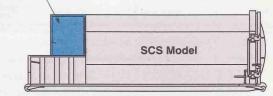


Rear Load Hopper w/42" Load Lip Extended to the Rear of the Compactor

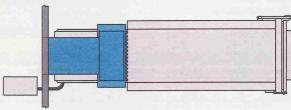


Side Load Dog House Hopper with Safety Interlock Door

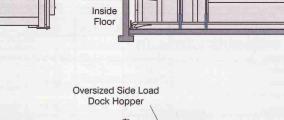


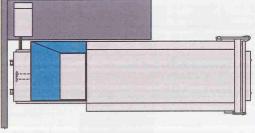


Rear Load Bridge Chute with Safety Interlock Door

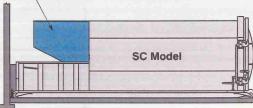


Min. 42" Load Height SC Model





WASTE EQUIPMENT TECHNOLOGY ASSOCIATION





SP INDUSTRIES, INC. 2982 Jefferson Road Hopkins, MI 49328 Phone: 800.592.5959 or 269.793.3232 Fax: 269.793.3232 Web: www.sp-industries.com Email: info@sp-industries.com



Distributed By:





Self Contained Compactor - Trash

Its well-engineered design, reliability and unique features make it a customer favorite.





Self contained compactors are a good solution for properties that want to limit the escape of high liquid waste while controlling odor and pest problems. Because waste is compacted, the haul frequency is much less when compared with front load service.

Optional features include a custom loading application with security chutes, hoppers, and dock-side loading. Available for rental or purchase in sizes 15-35 yards, the equipment can be customized to your business.

Service

Services are available Monday through Saturday and may be requested by calling the CWD Customer Service Department at 972.392.9300, Option 2. A representative will schedule pickups, repairs, cleanings, and more. For pricing or an increase or decrease in service, please contact your CWD Sales Rep directly.

Installation

A **Quick Disconnect Box** must be provided within 10 feet of the compactor. In addition, one of the following is required:

- 460 volt, 3 phase, with 35 amp breaker, or
- 230 volt, 3 phase with 70 amp breaker, or
- 208 volt, 3 phase with 80 amp breaker, or
- 230 volt, single phase with 125 amp breaker

Equipment Delivery, Certification & Maintenance

Whether it is purchased or rented from CWD, the equipment will be custom designed for your business. All equipment meets OSHA and UL requirements. CWD will provide any maintenance or equipment needed during the rental agreement term.

