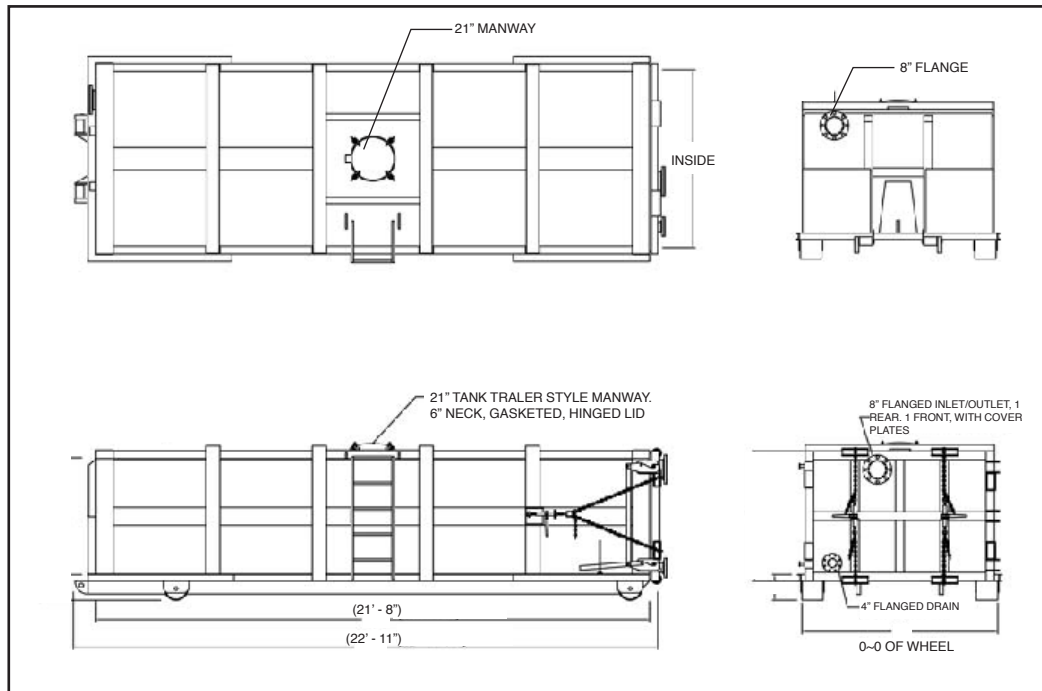




# Tidal Tank

VACUUM DEWATERING BOX



## Vacuum Dewatering Box Specifications

The floor system is designed to provide a partially open support grid above the container floor to support waste materials and allow liquid contents to drain into the void area below the grid. This is accomplished by installing a grid constructed of galvanized "bar grating" 13 inches above the container floor. This grid is supported by a series of stands and is welded in place. The grid starts at the rear door and extends to the front dog house or slant front wall. This area around the dog house is covered with 3/16 plate. The grid spans the width of the container between walls. The drains are a 3" pipe nipple with ball valves, and are located on both sides at floor level just behind the front side post.

Dimensions:	Overall: 22'- 11" long (21' – 8" Inside), 94" wide (83"), 61" high
Pick-Up:	Standard cable with 2 X 6 X 1/4 rails, gusset at each cross member
Drain/Fill:	(2) 6" Outlets threaded and capped on front of box
Valves:	(2) 4" Ball valves on each side near rear door
Door:	1/4 plate with tubing frame
Gasket:	Extruded rubber seal with metal retainers
Door Latch:	(4) Independent ratchet blinders with chains, vertical second latch
Walls/Roof:	1/4 plate solid welded with inside liner hooks
Floor:	1/4 plate, one piece
Crossmembers:	3 X 4.1 Channel, 12" on center
Structure:	Tubing and formed channel supports rated to operate at 30" HG
Front:	1/4 plate with push plates
Wheels:	(4) Each 10 dia X 9 long with grease fittings
Welds:	All welds continuous (watertight) except substructure crossmembers
Hydrotesting:	Full capacity static test