



Carey Precast Concrete



Pre-Installation Requirements:

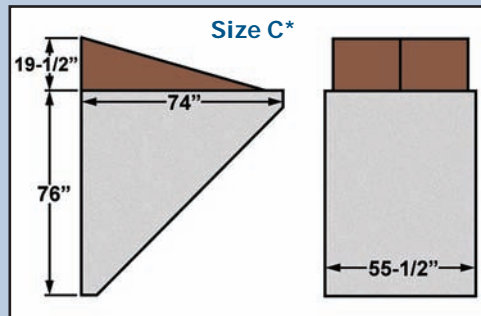
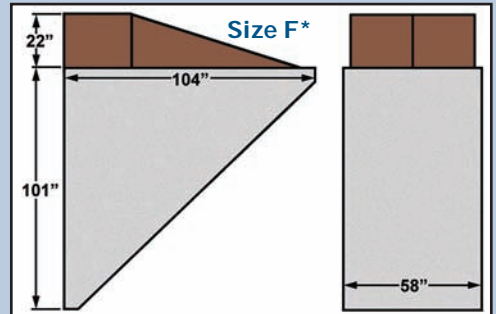
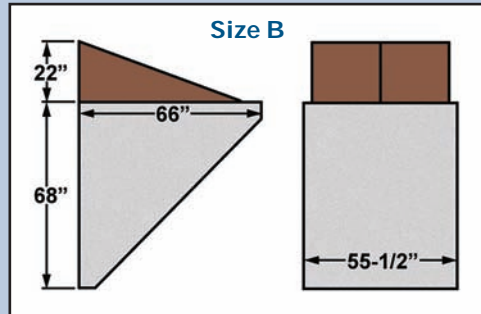
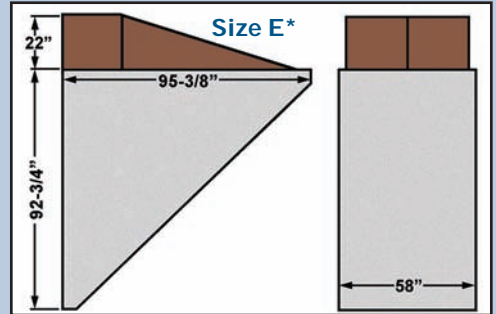
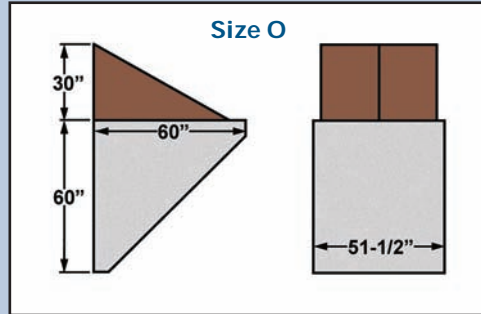
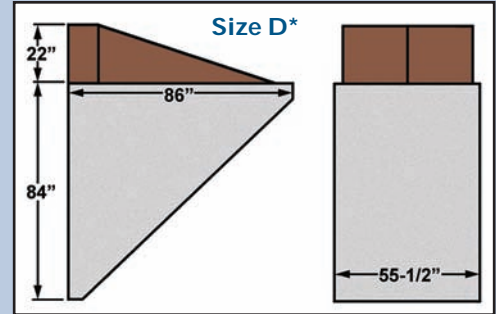
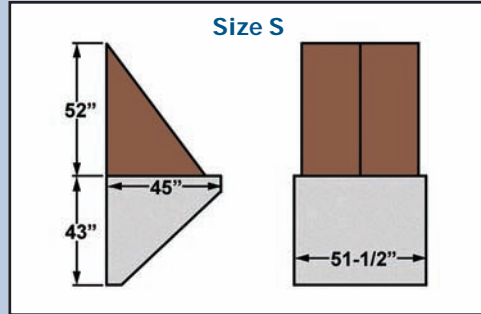
1. Provide truck access to within 10' of the center of the PermEntry unit.
2. Foundation footing and opening should be LEVEL, PLUMB and SQUARE.
3. Width of opening in foundation wall should be 40" maximum for all sizes.
4. Ensure proper soil drainage at base of unit. A footing drain to daylight is recommended.
5. When foundation is backfilled, leave minimum work area for PermEntry installation as shown.
6. Basement floor or equivalent slab should be poured in the concrete wall.
7. Hold foundation tar coating back minimum 12" each side of opening.

How to Measure:

1. Determine the measurement from the finished grade to the foundation footing.
2. Refer to table below to select proper size. Top of casting should be a minimum of 2" above finished grade.
3. Double check your pre-installation requirements and check site to determine that there is proper truck access to and from the PermEntry installation site.

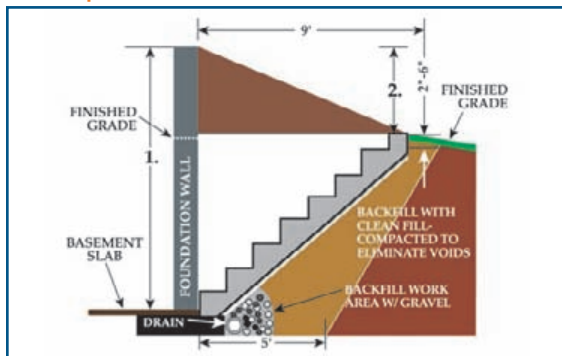
Post-Installation Requirements:

1. Properly backfill and compact excavation with clean, suitable fill and/or stone. NEVER USE CONSTRUCTION DEBRIS and NEVER backfill higher than 2" below top of concrete casting.
2. Final grade should be adjusted to leave 2"-6" of casting above finished grade, immediately slope grade away from the PermEntry unit in all directions.
3. Avoid locating down spouts or sump discharge near the PermEntry unit.
4. An insulated door at bottom of stairs is recommended to reduce heat loss.
5. A finish coat of acrylic latex in white or light color must be applied to all interior and exterior steel surfaces within forty-five (45) days of installation. Note: Bilco does not recommend the use of Rust Oleum products.

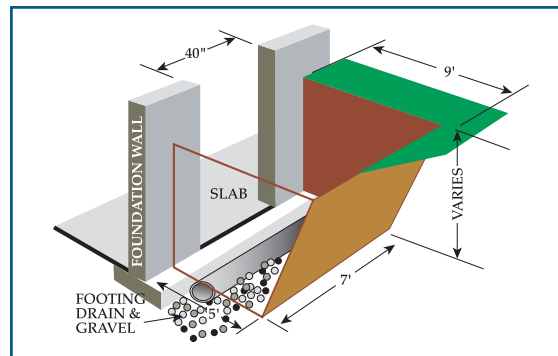


PermEntry Size	Footing to Grade
S	35" - 41"
O	52" - 58"
B	59" - 66"
C*	67" - 74"
D*	75" - 82"
E*	83" - 91"
F*	92" - 99"

Job Requirements



How to Order



* Optional Ultra Series Door available for sizes C, D, E and F only.



An optional basement door keyed lock kit is available for added home security.



Imagine...
What Bilco can do for your basements
(800) 854-9724 • www.bilco.com

Licensed Dealer

**Carey Precast
Concrete**

Carey Precast
3436 Township HWY 98
Carey, OH 43316
800-852-3987
www.careyprecast.com

Precast Steps

Carey Precast
Concrete

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Step Sizes:

Each step is 7" high

- 1 Step = 7" High
- 2 Steps = 14" High
- 3 Steps = 21" High
- 4 Steps = 28" High
- 5 Steps = 35" High
- 6 Steps = 42" High

Widths Available:

- 4 ft. wide
- 5 ft. wide
- 6 ft. wide

Landings Available:

- No Landing
- 24" Landing
- 48" Landing

NOTE: Landing is the top step



Precast concrete Steps are designed for appearance and strength to enhance residential and commercial structures.

Precast Concrete Steps eliminate the need for painting and replacing deteriorating lumber.

Risers are low enough for children and the elderly and tread depth is comfortable for all.

Installation is a simple matter of lowering the step into place and leveling the unit. Units should be installed on a poured in place concrete pad or with flat concrete blocks under each corner on compacted sand or gravel fill.

NOTICE: Carey Precast Concrete is not responsible for damage caused by the application by others of harmful salts, chemicals, ashes or any other material to the surfaces of the steps.

Septic Tanks

Tanks Available:
2 compartment septic tanks
Dosing tanks, pumps, controls
Distribution boxes, pipe, fittings

Also Available:
Singulair Aeration
Singulair NPDES
Singulair Green Aeration and NPDES



Septic Tank Sizing:

1000 Gallon Septic Tank:

72" Height

82" Length

66" Width

60" To Bottom of inlet

56" To Bottom of outlet

1500 Gallon Septic Tank

59" Height

159" Length

72" Width

46" To Bottom of inlet

44" To Bottom of outlet

2000 Gallon Septic Tank

72" Height

159" Length

72" Width

59" To Bottom of inlet

57" To Bottom of outlet

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**All Tanks are ODH Certified for
Structural and Watertight
Assurance.**

**1000 Gallon Septic Tanks
1500 Gallon Septic Tanks
2000 Gallon Septic Tanks**

**Capacity is calculated below
the flow line for true capacity**

All Tanks come equipped with:

**4" High pressure boot seals with
clamps at the outlet & inlet
4" T-baffle at inlet
6" Outlet filter with 4" connection
20" Plastic risers with lid and
concrete insert**

**All Tanks
are
Fully Reinforced**



Singulair® rivals the performance of the world's most advanced treatment equipment



Inlet

Untreated wastewater enters the system here.

Pretreatment Chamber

Wastewater enters at the Singulair inlet and is equalized here as anaerobic bacteria and gravity precondition it.

Aeration Chamber

Here, safe, living aerobic bacteria convert the wastewater into stable substances. Flow equalization maximizes this biological oxidation and assures 24-hour retention and treatment.

Aerator provides complete treatment

Our exclusive aerator infuses the fresh air that safe, living micro-organisms require to fully digest and treat wastewater inside the Aeration Chamber. Powered by our 1725 RPM, 115 volt, fractional horsepower motor, our quiet, reliable aerator is inexpensive to operate, reduces heat build up and dramatically increases bearing life. Each aerator is precision engineered, tested and certified to operate only 30-minutes per hour. Only the stainless steel aspirator shaft and reinforced nylon aspirator come in contact with liquid in the Aeration Chamber.

Clarification Chamber

Flow equalization enhances the settling of biologically active substances inside the Clarification Chamber. Wastewater has now been converted into clarified liquids in this chamber.

Flow Equalization Ports

They control the flow through all upstream and downstream processes and they regulate the amount of treated effluent that can enter the Bio-Kinetic System.

Bio-Kinetic® System

Constructed entirely of plastic and rubber components that are impervious to this environment, our Bio-Kinetic System combines filtration, settling, non-mechanical flow equalization, optional disinfection, adjustable outlet weir and optional dechlorination features into a single, revolutionary package.

Precast Concrete Tank

Every Singulair System is constructed of high quality, non-corrosive materials under our rigid quality control standards. The tank, access risers and cover are reinforced precast concrete manufactured locally by your factory-trained, licensed Norweco distributor.

Inspection Cover

Access is safe and easy.

Outlet

Only a clear, safe and odorless liquid exits the system here for return to your environment.



SERVICE PRO® Control Center

EVERY SINGULAIR AERATOR IS INSTALLED WITH A SOLID STATE ELECTRICAL CONTROL CENTER. EACH IS EQUIPPED WITH RESETTABLE CURRENT SENSOR, ON/OFF SELECTOR SWITCH, RED WARNING LIGHT, TIME CLOCK, AUDIBLE ALARM, AUXILIARY INPUTS AND FCC LICENSED AUTODIALER FOR REMOTE MONITORING OF INDIVIDUAL COMPONENTS.

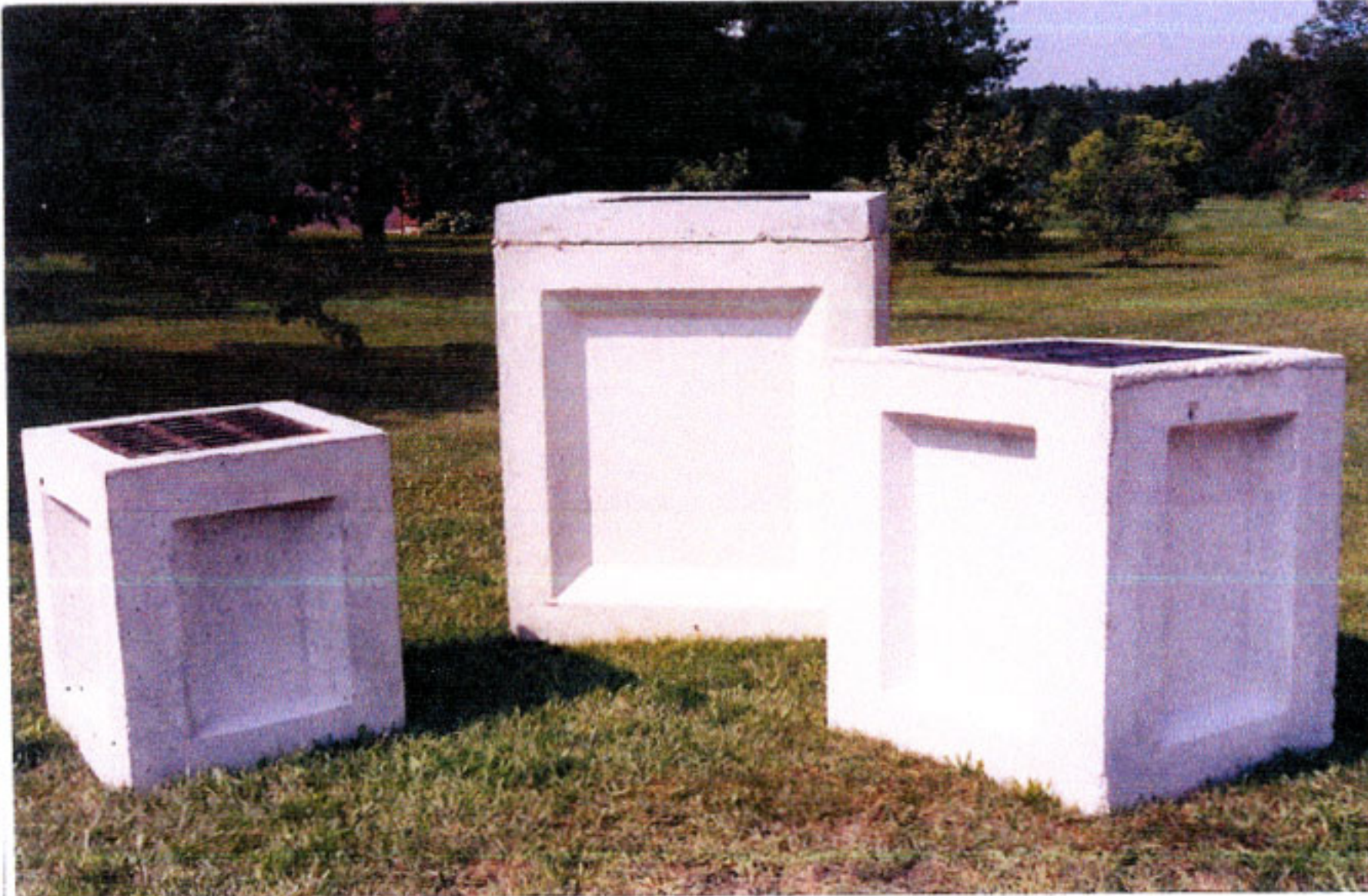
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Catch Basins

Carey Precast Concrete

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18" x 18" Catch Basin

Inside dimensions:
18 x 18 x 30

Flat risers available
by special order

3 x 3 Catch Basins

Inside Dimensions:
36 x 36 x 48

Flat Risers available
by special order

2' x 2' Catch Basin

Inside Dimensions:
24 x 24 x 36

Risers available:
4", 6", 12", 24" Flat
4", 6", 12" Slant

Iron grates available
All prices FOB Carey OH
All prices subject to change without notice

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

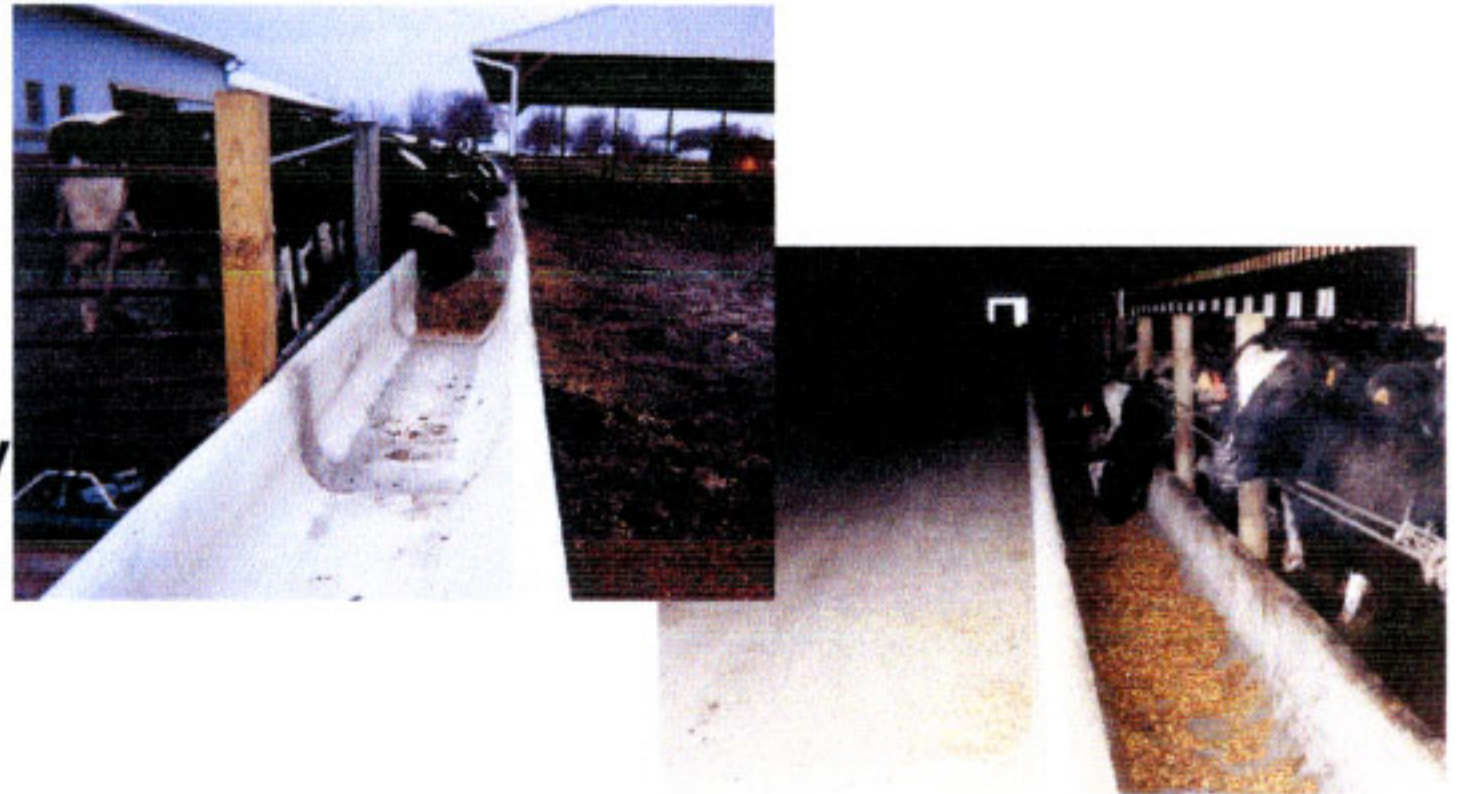
Cattle Products

Carey Precast Concrete

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Fenceline Feedbunks

8' Standard Length
22" Front - 30" Back - 36" Wide
2400 lbs per section
3.5 cu ft. of feed per foot of bunk capacity
2 centered 5/8 threaded bolt inserts
Fully reinforced
Right or Left ends available

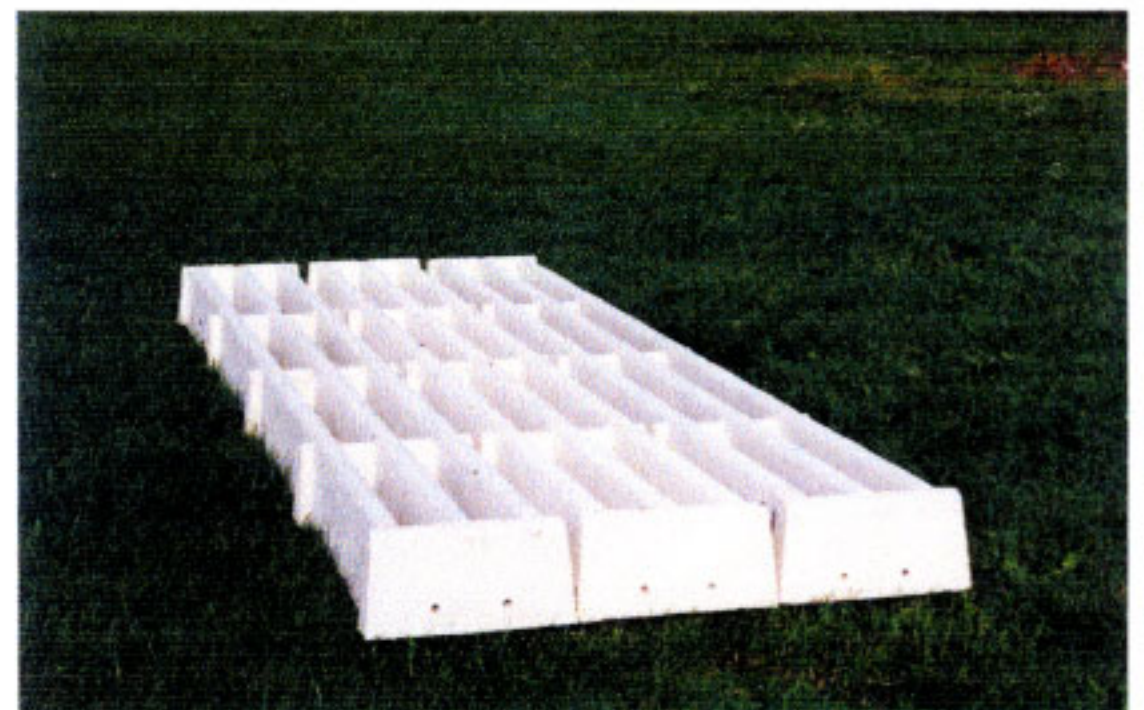


H-Bunks

26" tall - 10" deep trough
4000 lbs per section
3 centered bolt holes
Fully reinforced
End plate with bolts available

Cattleguard

Dimensions: 16' long, 24" wide, 12" deep
2500 lbs per section
Fully Reinforced
Easy to install: Installs directly on the ground or conveniently over a pit
Easy to clean: Each section can be removed to clean underneath.



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Hog Products

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Hog Slat

All Slat are hand trowled and have 1" spacing.
Grade 60 rebar top and bottom

Sizes:

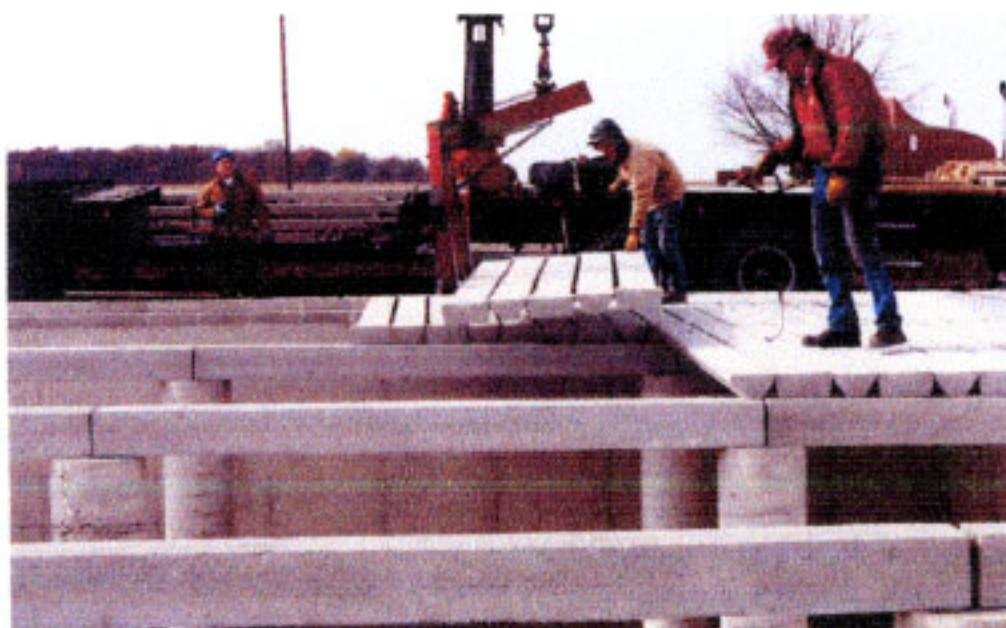
Length	Width	Depth	Weight
10'	8"	5"	300 lbs
10'	6"	5"	250 lbs
8'	8"	4"	200 lbs
8'	6"	4"	175 lbs
6'	8"	4"	150 lbs
6'	6"	4"	110 lbs.
5'	5"	3.5"	75 lbs.
4'	5"	3.5"	60 lbs

Custom lengths available.



Support Beams

Standard Length: 10'
Dimensions: 8" x 8"
Grade 60 steel rebar
Weight: 70 lbs per foot
Custom Lengths Availabe



Pen Dividers

Lengths to 6'
Height: 37"
Base: 14" Top: 3"
Weight: 200 lbs per foot



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Fuel Containment

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500 Gallon Containment

Cover not included

Inside: 6' x 8', 30" deep

Outside: 6'6" x 8'6", 34" deep

1000 Gallon Containment

Cover not included

Inside: 6' x 13'2", 30" deep

Outside: 6'6" x 13'8", 34" deep

Fully reinforced
Bolt inserts cast in corners for tie downs
Fuel tanks not included

Cover not included
Plastic cover available at an additional charge

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T-Walls

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T-Walls

Single Component T-Wall design for fast installation and completion

Each section is 8'6" tall, 5' long, 5' wide at base

Tongue and groove design

Sections bolt together

Fully reinforced

5000 lbs per section

Floor, roofing or covers not included



T-Wall Dividers

Featuring a single component design for fast installation and completion

6' tall - 8' long - 32" wide at base

Tongue and groove design

Fully reinforced

5000 lbs per section

Tongue and groove design



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V-Blocks

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Standard Sizes Available:

2' x 4' x 2'

Weight: 2400 lbs.

2' x 2' x 2'

Weight: 1200 lbs.

6' Cap x 26" x 6"

Weight: 900 lbs.

Stone Faced Step 30" deep x 48" Wide

Blocks available Stone Face or Plain

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