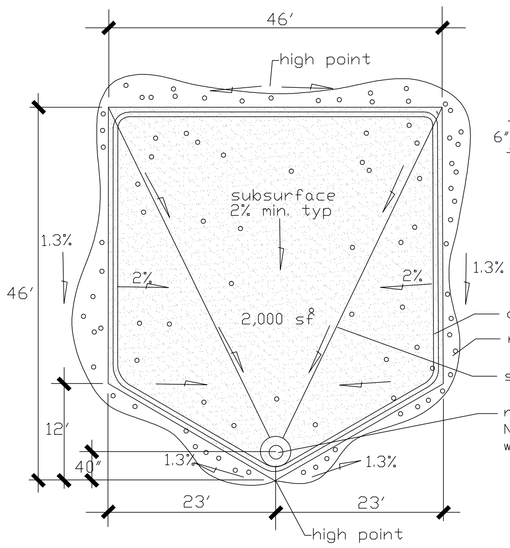
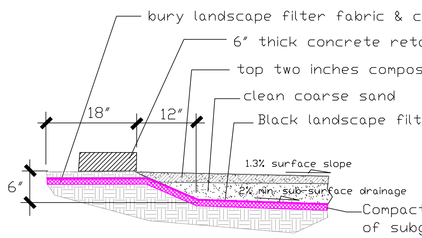
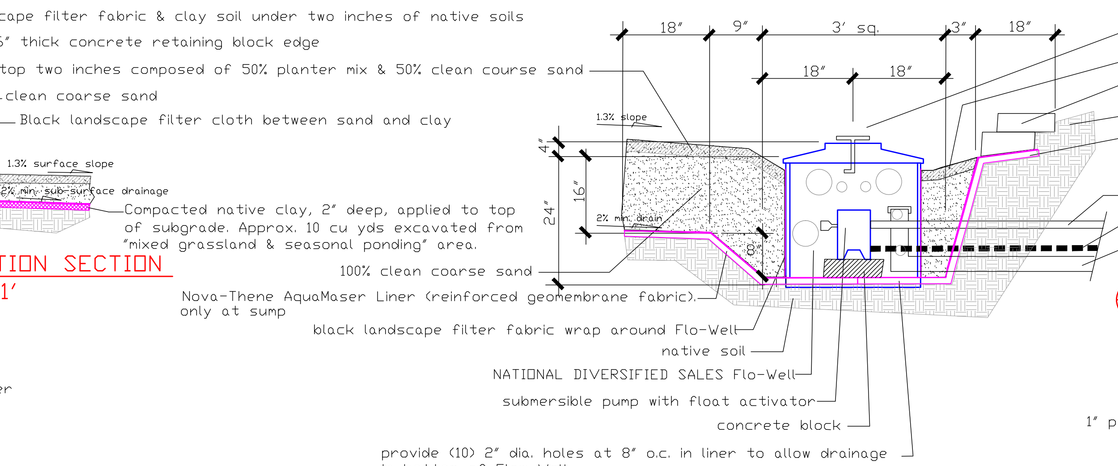


Catchment System:
With Bolsa Chica average rainfall at 13" a year, 2,000 SF rainwater harvest field can capture approx. 15,000 gal. of rainwater. The system, including the sump, pumps and (3) water holding tanks, is expected to harvest approximately 9,000 gal. (60% of total).

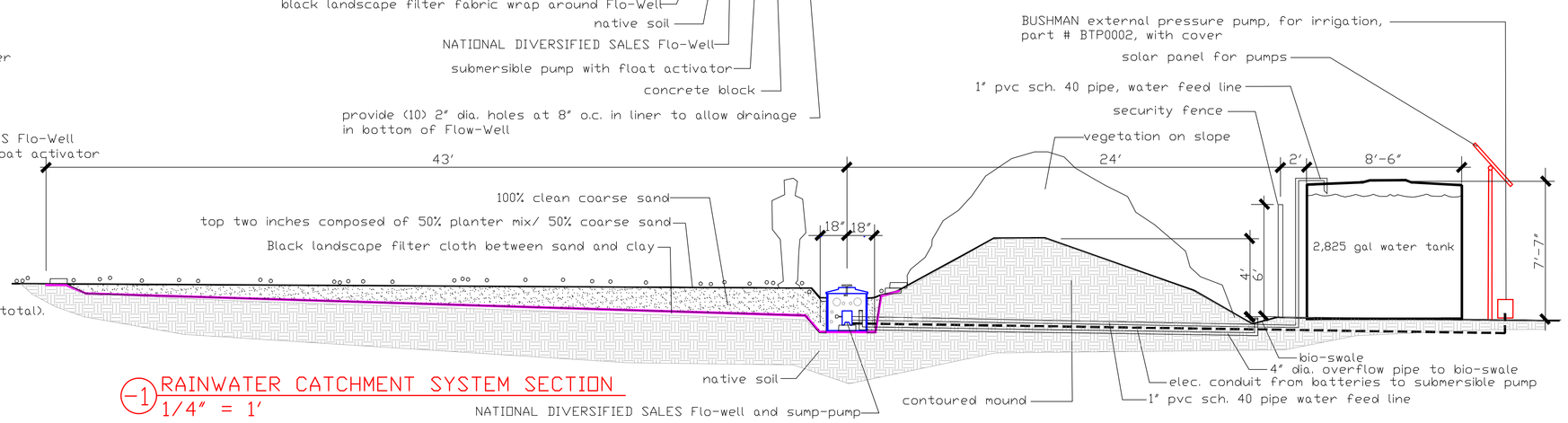
G RAINWATER CATCHMENT SYSTEM
1" = 10'



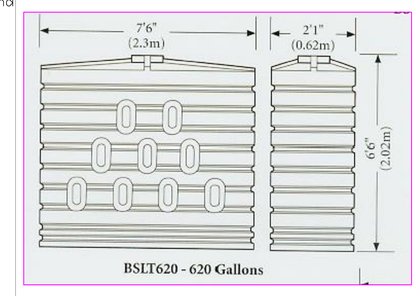
-2 EDGE CONDITION SECTION
3/4" = 1'



-3 SUMP & PUMP SECTION
3/4" = 1'



-1 RAINWATER CATCHMENT SYSTEM SECTION
1/4" = 1'



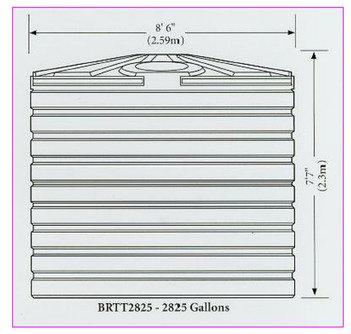
BSLT 620 Slimline Tank
* Capacity: 620 U.S. Gal.
516 Imperial Gal.
2350 Liters

12.4 12.4 39 min.

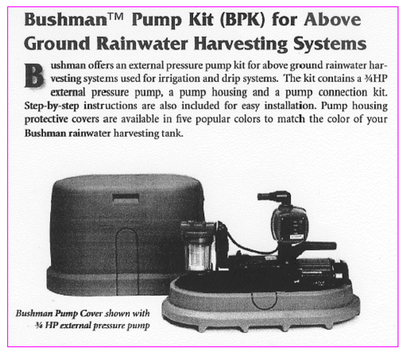
BUSHMAN RAINWATER HARVESTING TANKS-GREEN IN COLOR

BRTT 2825 Round Tall Tank
* Capacity: 2825 U.S. Gal.
2352 Imperial Gal.
10695 Liters

56.5 56.5 74.5 min.



H WATER TANKS

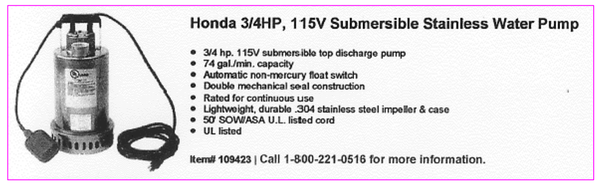


Bushman™ Pump Kit (BPK) for Above Ground Rainwater Harvesting Systems

Bushman offers an external pressure pump kit for above ground rainwater harvesting systems used for irrigation and drip systems. The kit contains a ¾HP external pressure pump, a pump housing and a pump connection kit. Step-by-step instructions are also included for easy installation. Pump housing protective covers are available in five popular colors to match the color of your Bushman rainwater harvesting tank.

Bushman Pump Cover shown with ¾ HP external pressure pump

-2 Irrigation Pump



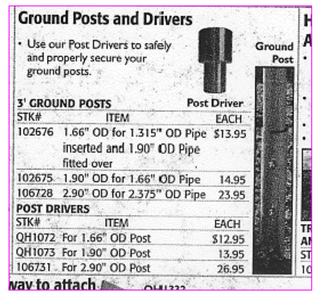
Honda 3/4HP, 115V Submersible Stainless Water Pump

- 3/4 hp, 115V submersible top discharge pump
- 74 gal./min. capacity
- Automatic non-mercury float switch
- Double mechanical seal construction
- Rated for continuous use
- Lightweight, durable .304 stainless steel impeller & case
- 50' SOWASA U.L. listed cord
- UL listed

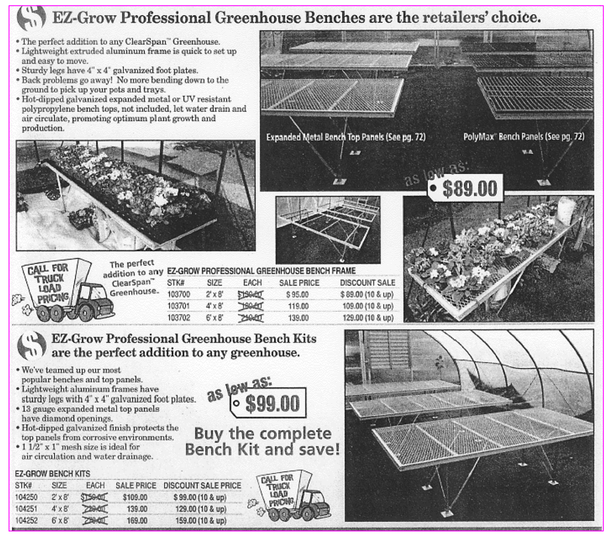
Item# 109423 | Call 1-800-221-0516 for more information.

-1 Sump Pump

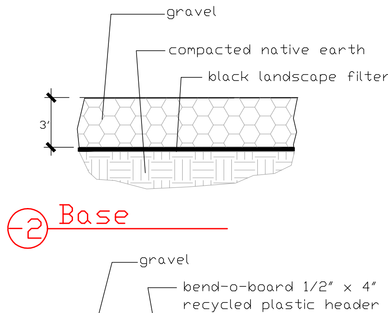
J SUMP & IRRIGATION PUMPS



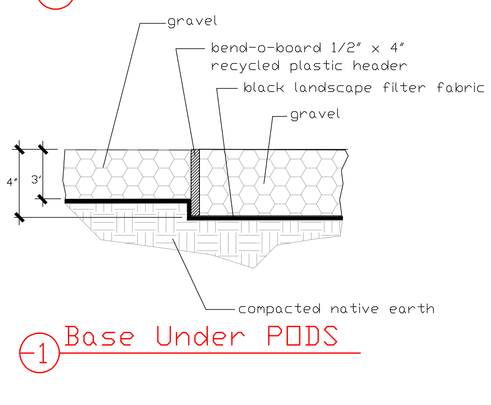
K NURSERY SHADE STRUCTURE



L STEEL TABLES



-2 Base



-1 Base Under PODS

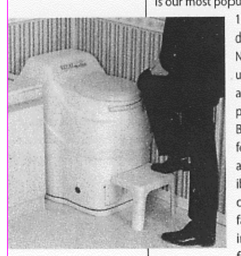
M NURSERY GRAVEL BASE
3/4" = 1'

N SOLAR PANELS & VIDEO CAM

Sun-Mar Excel AC

This popular, NSF-approved model is suitable for 3-5 people full-time and for more people intermittently. Has a 35-watt fan and a 260-watt thermostatically controlled heater. The Excel AC is our most popular composter for installations with 120-volt AC electricity. Plugs into a standard outlet with included 6-foot cord. Normally, the Excel will evaporate all liquids. A ½-inch emergency drain is fitted and should be connected if heavy use or prolonged power outages are expected. Black bowl liner can be easily removed for cleaning. The 2-inch vent pipe exits at the top rear and can be installed invisibly through the wall. The AC fan speed control is an option to install into the fan door cover and is recommended for intermittent winter use or where slight fan noise is a concern.

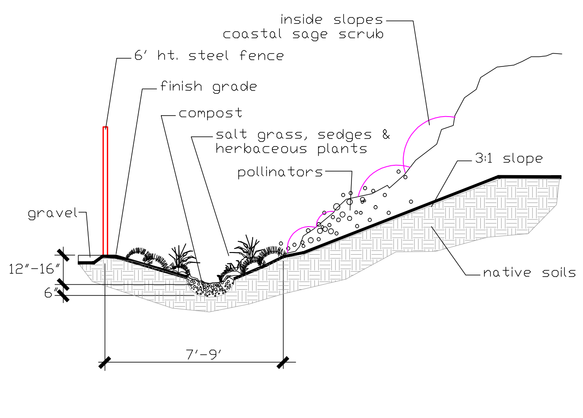
Capacity: Residential use: 3-5 people. Seasonal use: 6-8 people.



P COMPOST TOILET

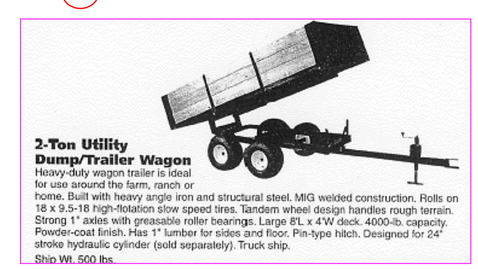
Q COMPOSTERS

R VERMICOMPOSTERS



S BIO-SWALES

-2 diesel tractor



-1 composting trailer

T TRACTOR & TRAILER

Stivers & Associates
Environmental Planners
Landscape Architects
Urban Forestry
160 Centennial Way
Suite 3
Tustin, CA 92780
(714) 838-0717
FAX (714) 838-0727
Ca. lic. #2768

COMMUNITY PROMOTED RESTORATION, CPR FOR THE MESA
CALIFORNIA DEPARTMENT OF FISH and GAME
SOUTH COAST REGION PROJECT PLAN EVALUATION
BOLSA CHICA LAND TRUST
HUNTINGTON BEACH, CALIFORNIA

CONSTRUCTION
MATERIALS & ASSEMBLIES
(not for construction)

REVISIONS	BY

DRAWN	G.S.
CHECKED	G.S.
DATE	4/27/2010
SCALE	NOTED
JOB #	

REGISTERED LANDSCAPE ARCHITECT
GREGORY S. STIVERS No. 2768
Signature
Expires 12/31/11
Renew Date
Date
STATE OF CALIFORNIA

L8
OF 9

C:\dwg\Bolsa Chica Mesa CPR\Project Analysis Design\Nursery\Const Assy.JPG 2/5/2011 1:19:05 PM