



4" Dia. wood post used to protect electrical conduit.

4" Diameter wood post used to protect electrical conduit.

Coarse material shall be sloped to the natural ground a minimum of 2% beyond sides of tank.

8" of coarse free draining material (Pit Run Gravel or Cinders) Material to extend the entire length of tank.

Wood posts to extend a minimum of 2' below the gravel. See specifications.

Electrical Conduit from float relay to below ground level. Components and installation must meet State of Idaho electrical codes.

Steel Storage Tank shall be painted with a synthetic primer and one coat of aluminum paint.

- Notes:
1. The tank shall be a minimum size of _____ Gallons.
 2. The system is not designed to be operated in freezing weather. System shall be drained prior to freezing weather.
 3. The gravel shall extend a minimum of 6" up on all sides of tank.
 4. All disturbed areas shall be smoothed and seeded to a recommended seeding mix after construction.
 5. The minimum wall thickness of tanks shall be determined using Mfg. data, except for welded steel storage tanks, that meet or exceed the wall thickness shown in the chart below.

Steel Gauge		Wall
Gal.	Gal.	Min.
0	560	1/2" Co.
561	1100	3/8"
1101	4000	1/2"
4001	12000	5/8"
12001	20000	3/4"

ID-SD-614C

Date	_____
Designed	_____
Drawn	_____
Checked	_____
Approved	_____

Livestock Tank Details
SWCD Co. Id.



5/21/2000

Drawing Name

Sheet #