

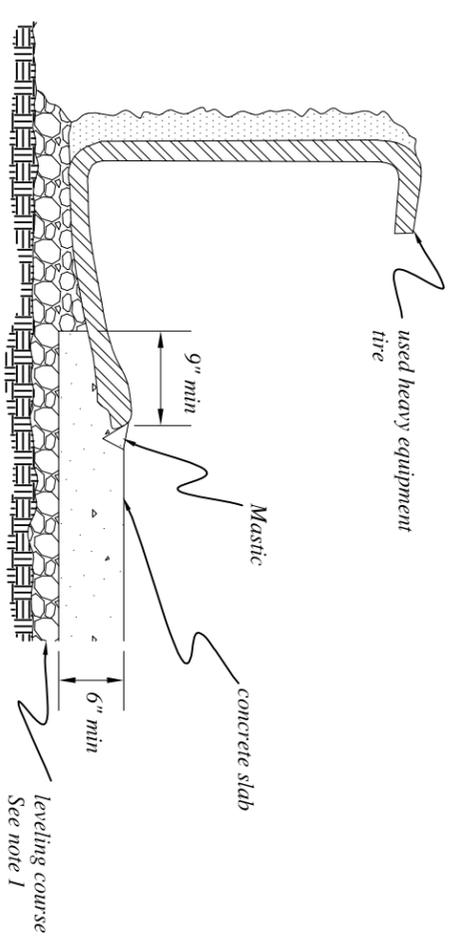
*To reduce freezing, point the inflow in the direction that will cause the most water movement.

Trough:
Capacity: _____ Gal.
Diameter: _____
Height: _____

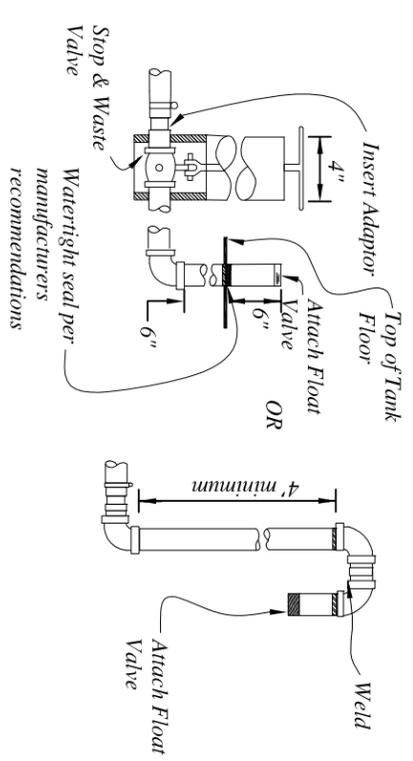
Rubber Tire Trough Notes:

1. Cut away part of sidewall. This will be the top of the trough.
2. Use gravel to fill around pipes and to level tire.
3. Pour concrete around water supply and overflow pipes and work under edge of tire. Form a "V" notch in the concrete (see detail A) after the top surface is smooth.
4. Fill "V" notch with mastic.
5. Provide an escape device for small birds and animals that may become entrapped. A ramp constructed of a piece of expanded metal extending from the water surface to the top piece of lumber are two devices that could be used.
6. Limit height of trough to 22-inches. Bury the tire partially if needed.

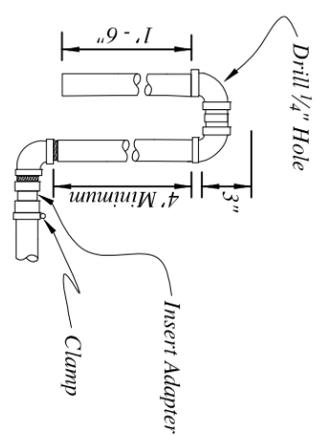
**Watering Trough
Used Heavy Equipment Tire**
N.T.S



Section Thru Tire
N.T.S



Typical Inlet Details
N.T.S



**Overflow Detail
(If Required)**
N.T.S

General Notes:

1. Install permanent watering facilities on a firm, level foundation that will not settle differentially. Examples of suitable foundation materials are bedrock, compacted gravel, and stable, well compacted native soils.
2. All above ground inlet, outlet, and overflow pipes that are exposed to sunlight, livestock or freezing shall be new galvanized steel pipe of adequate size to deliver the needed quantity of water. All valves shall be brass and of the correct size. All new tanks, troughs, piping and appurtenances shall be National Sanitary Foundation (NSF) approved.
3. Tanks may be partially buried on the ground or elevated as dictated by site conditions.
4. The system is not designed to be operated in freezing weather. System shall be drained prior to freezing weather.
5. All disturbed areas shall be smoothed and seeded with a recommended seeding mix after construction.

PIPE _____

Supply Riser _____
Diameter - Material - Length _____

Overflow _____
Diameter - Material - Length _____

Outlet _____
Diameter - Material - Length _____

Outlet Protection _____

REVISIONS		TITLE	JAA
DATE	APPROVED		



Arizona Drawing Template
Used Heavy Equipment
Tire Trough - 614E
Field Office _____ County, Arizona

Date _____

Designed _____

Drawn _____

Checked _____

Approved _____