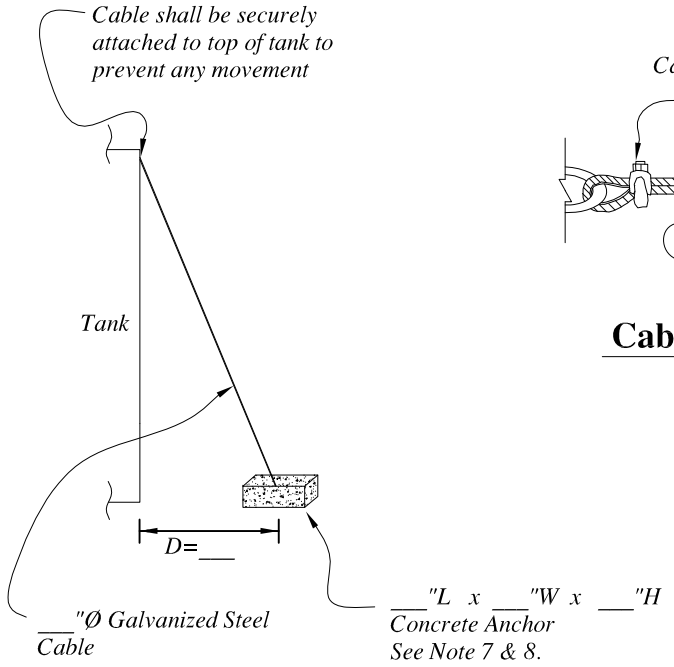
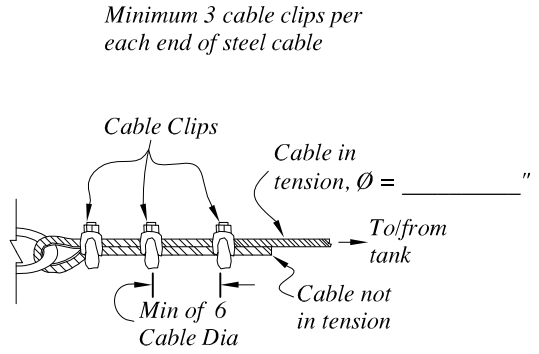


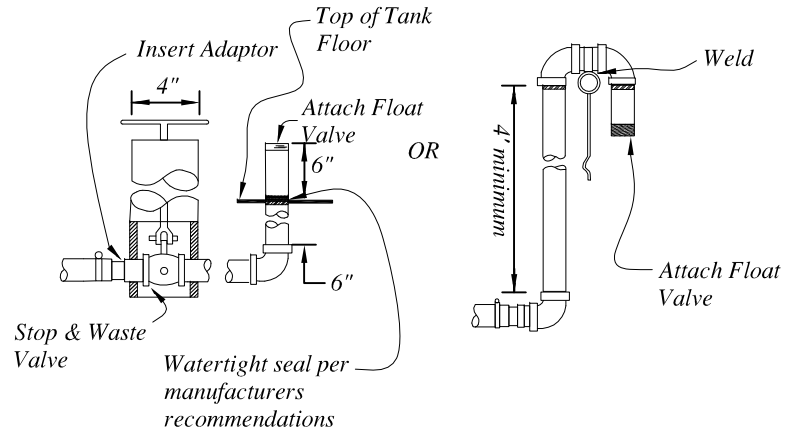
TypicalAnchoring Detail (Any Tank Over 8-feet)

N.T.S



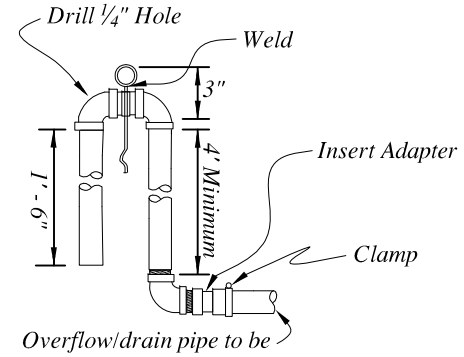
Cable Clip Details

N.T.S



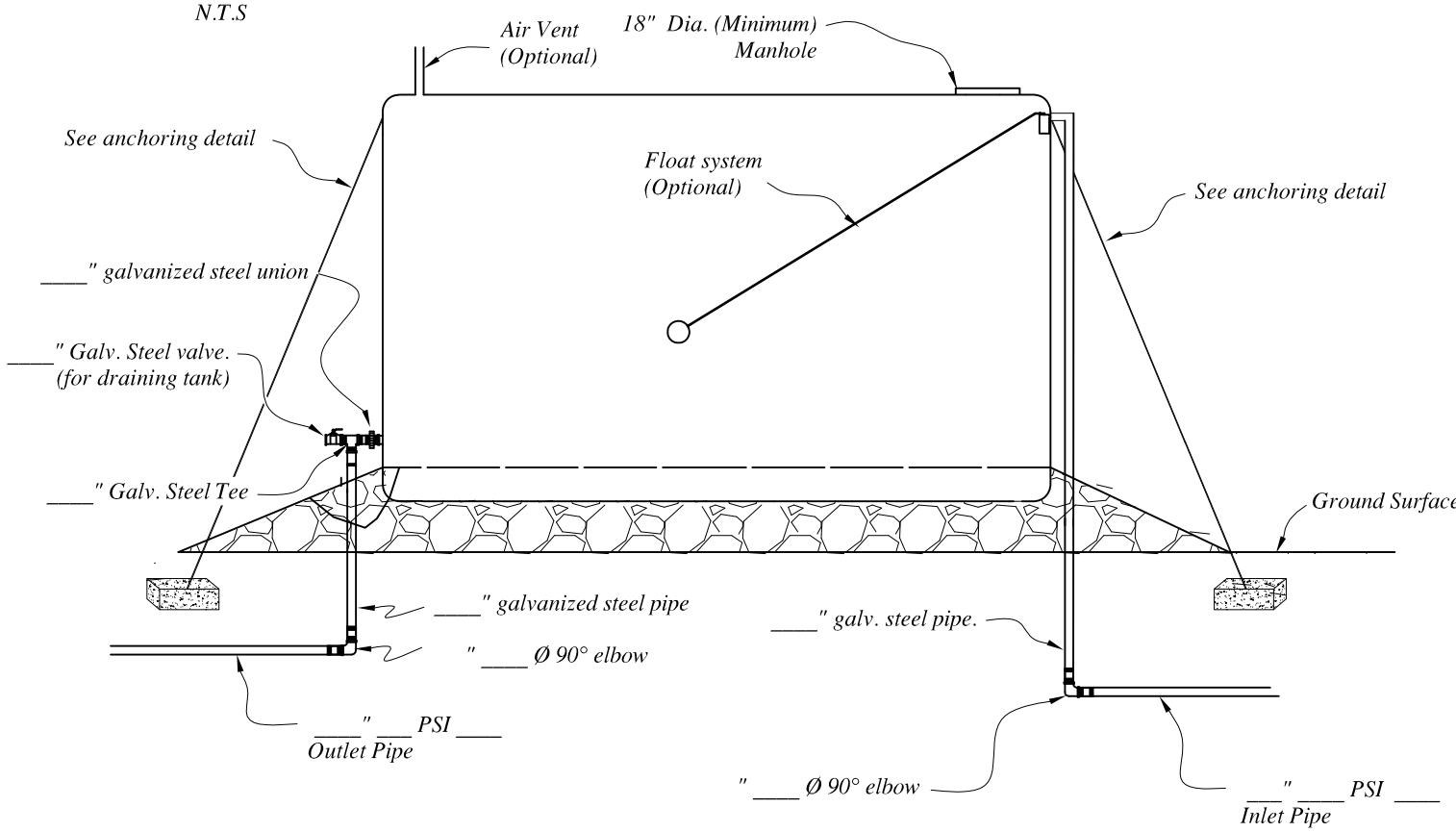
Typical Inlet Details

N.T.S



Overflow Detail (If Required)

N.T.S



Tank Placed Upright

Pipe

Supply Riser _____
Diameter - Material - Length

Overflow _____
Diameter - Material - Length

Outlet _____
Diameter - Material - Length

Outlet Protection _____

Tank

Capacity: _____ Gal.

Height: _____

Length: _____

Diameter: _____

Wall Thickness: _____

Polyethylene Tank Notes:

1. The owner shall assume responsibility for repairing and/or replacing the structure for a period not less than the lifespan of the practice and shall not be in lieu of the manufacturer's warranty period.
2. All tanks and troughs shall be new (manufactured within the previous 12-months) and carry a five year warranty (minimum) from the manufacturer or supplier from the date of purchase.
3. Tank and trough diameter, height and corresponding wall (material) thickness shall be as specified by the manufacturer. Minimum wall thickness shall be determined per ASTM D 1998, but shall not be less than 3/16-inch thick.
4. Concrete anchors (3 or 4) shall be equally spaced with a minimum size of (L x W x H) as determined by the Tank Stability Analysis and Anchor Design spreadsheet.

General Notes:

1. The system is not designed to be operated in freezing weather. System shall be drained prior to start of freezing weather conditions.
2. All disturbed areas shall be smoothed and seeded with a recommended seeding mix after construction.
3. Storage tanks with covered tops shall have an 18-inch diameter (minimum) access manhole installed in the top and will have a drain and an overflow pipe (if applicable).
4. All above ground inlet, outlet, and overflow pipes that are exposed to sunlight, livestock or freezing shall be new galvanized steel or copper pipe of adequate size to deliver the needed quantity of water. HDPE pipe may be used for the overflow. All valves shall be brass and of the correct size. All new tanks, troughs, piping and appurtenances shall be National Sanitary Foundation (NSF) approved.
5. 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.
6. Tanks may be partially buried on the ground or elevated as dictated by site conditions.
7. A trough or tank shall be adequately anchored so that it cannot be moved by livestock or wind, particularlywhen they are empty. Anchorage requirements will be designed for site specific conditions. Any tank over 8-feet in height shall be anchored to prevent movement from sliding and overturning.
8. Concrete anchors (3 or 4 numbers) shall be equally spaced with a minimum size of (L x W x H) as determined by the Tank Stability Analysis and Anchor Design spreadsheet

REVISIONS			
DATE	APPROVED	TITLE	JAA

Date
Designed
Drawn T. Kolling 9/09
Checked
Approved

Arizona Drawing Template
Polyethylene Tank – 614D1
Field Office
County, Arizona

NRCS
Natural Resources Conservation Service
United States Department of Agriculture

Drawing No.
AZ614B1_09_09

Sheet of