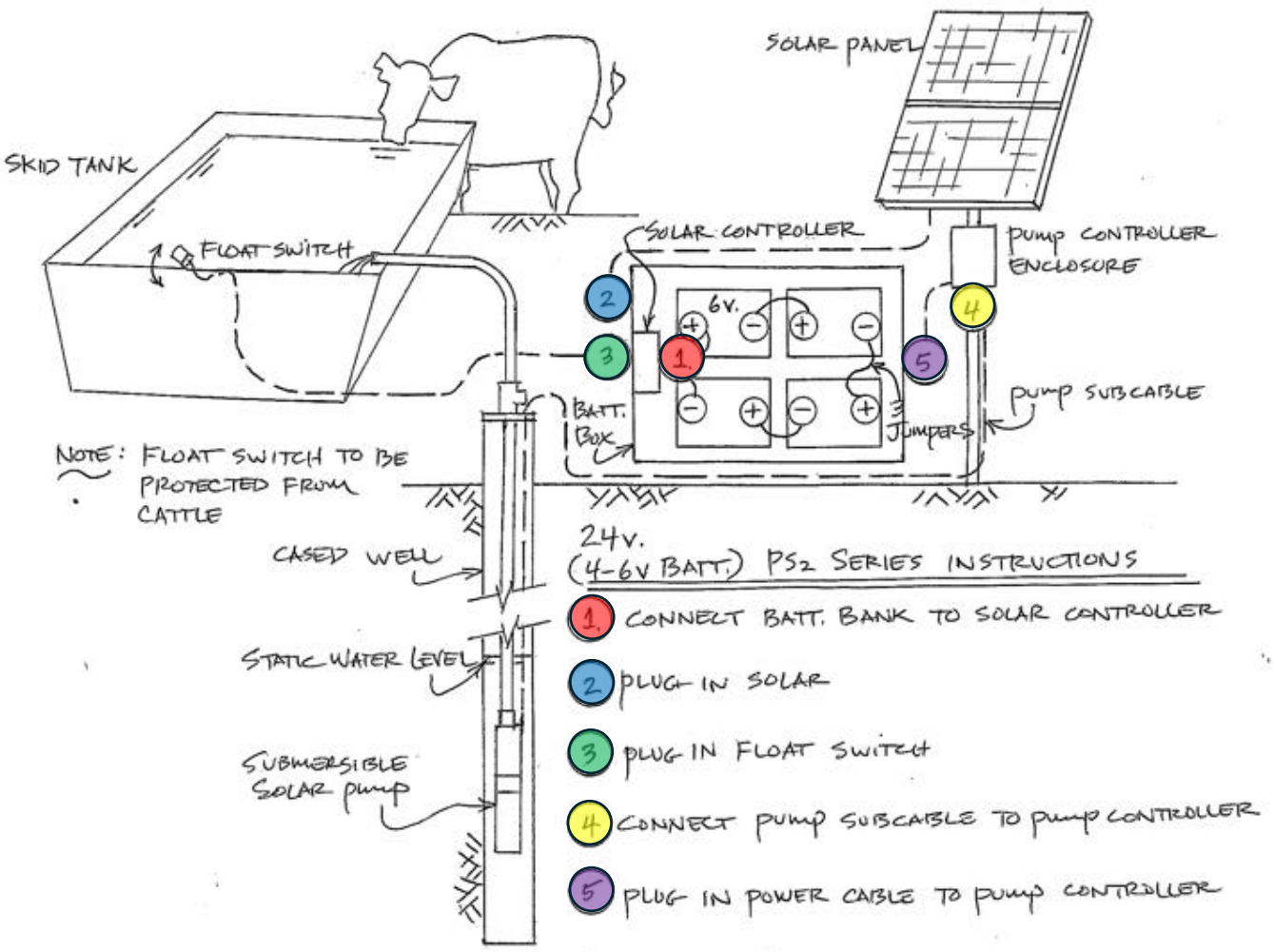
Trough with Batt box on a Cased Well



These systems can come in a variety of battery bank voltages. This is a 24v (4-6v battery) example. Can also come in 12v (2-6v), 12v (2-12v), 24v (2-12v), 36v (3-12v) 48v (4-12v).

Please see M-Series System Set up for full details.

This is a specific run-down for the Capsule and A Wet Well

Installing a Lorentz Pump with a Cased Well and a Stationary Trough

Step 1: Prepare the Site

- **Locate the Cased Well**: Ensure the well is properly installed and positioned near the stationary trough.
- **Confirm Water Depth & Flow**: Measure the static water level to confirm sufficient supply.
- **Prepare the Trough Placement**:
    - Level the area where the trough will sit.
    - Ensure proper drainage to prevent overflow or freezing in winter.

Step 2: Install the Water System

1. **Lower the Submersible Pump into the Cased Well**
    - Connect the **1" poly drop pipe** to the pump outlet.
    - Suspend the **Lorentz submersible pump** inside the cased well using a safety rope or chain.
    - Ensure the pump hangs **at least 5 feet above the well bottom** to prevent sediment intake.
2. **Install the Water Discharge Line**
    - Attach the **pump outlet** to the **pump subcable**.
    - Route the discharge pipe **from the well to the trough**, securing it to prevent damage.
    - Ensure the outlet remains **above the trough water level** to prevent backflow and pump cycling issues.
3. **Set Up the Float Switch**
    - Attach the **float switch** inside the trough.
    - Adjust it to shut off the pump when the trough is full.