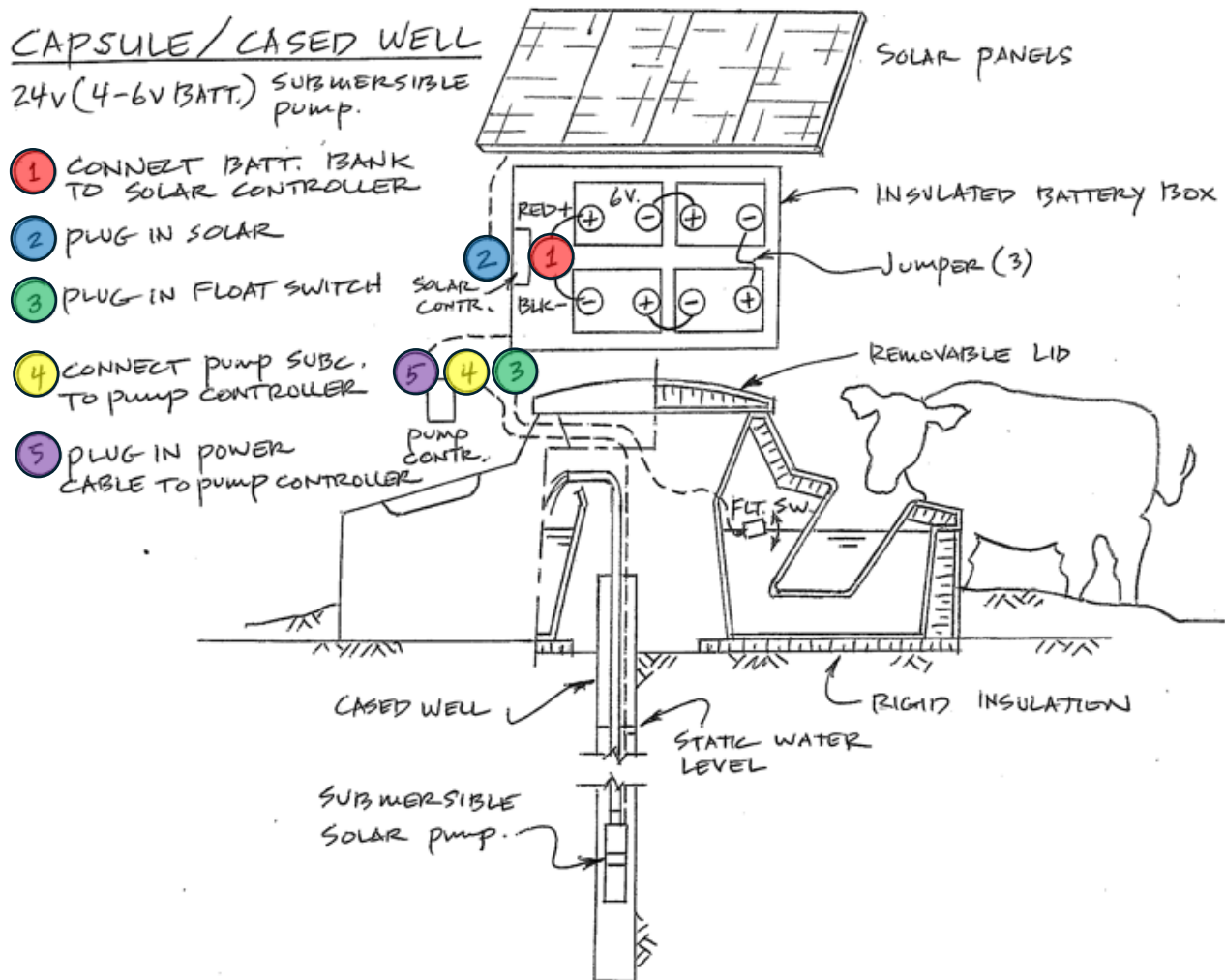


## Capsule with a Cased well



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 the Capsule Trough with a Lorentz Pump in a Cased Well

### Step 1: Prepare the Site

- **Locate the Cased Well:** Ensure the well is properly installed and positioned near the Capsule trough.
- **Confirm Water Depth & Flow:** Measure the static water level to ensure there is a sufficient water supply for livestock.
- **Prepare the Capsule Placement:**
  - Clear and level the ground where the Capsule trough will sit.
  - Optionally, backfill around the base for stability and insulation.

### Step 2: Install the Water System

#### 1. Lower the Submersible Pump into the Cased Well

- Attach the **hose to the barb adapter**, and secure with hose clamps
- Lower the **Lorentz submersible pump** into the well, ensuring it hangs vertically.
- As you are lowering it down it is helpful to have 2 people. One will lower, while the other will tape in about 6 foot increments the 2” hose and the Lorentz wire together.
- Optional to also attach a safety rope/chain to the pump.

#### 2. Install the Water Discharge Hose

- Connect the discharge hose to the **pump outlet** and route it **through the well seal**.
- Direct the hose into the **Capsule trough’s holding tank**, ensuring it is positioned to allow free water flow.
- Keep the pipe outlet **above the water level** in the Capsule trough to prevent backflow and cycling issues.

#### 3. Check and Adjust the Float System

- Adjust the float switch to shut off the pump **before** the Capsule trough overflows.