

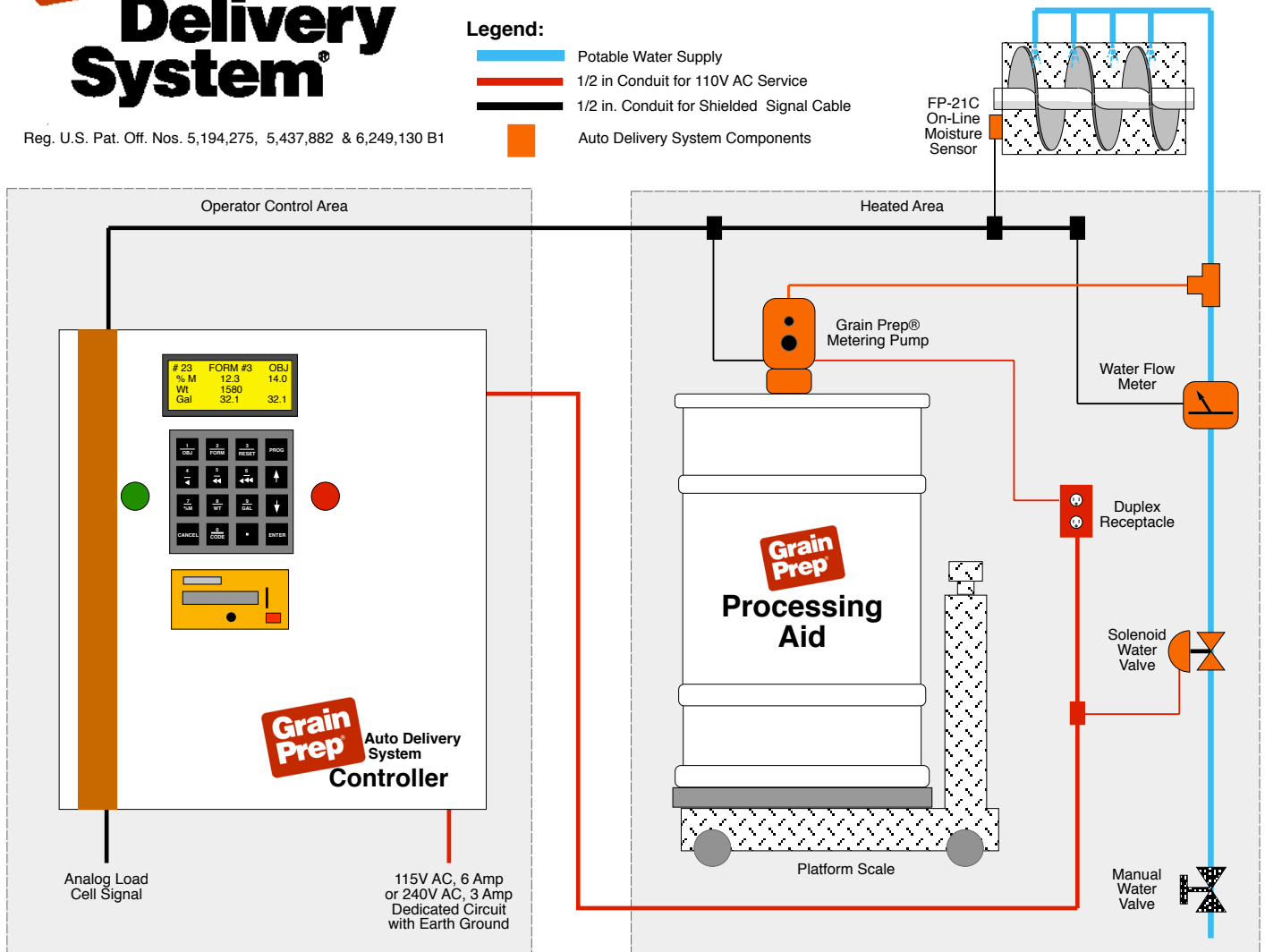
Grain Prep Auto Delivery System[®]

Batch Design

Reg. U.S. Pat. Off. Nos. 5,194,275, 5,437,882 & 6,249,130 B1

Legend:

- Potable Water Supply
- 1/2 in. Conduit for 110V AC Service
- 1/2 in. Conduit for Shielded Signal Cable
- Auto Delivery System Components



Grain Prep Auto Delivery System - Batch Operation

The Auto Delivery System Controller :

1. receives batch weight information from either scale hopper load cells or batching computer
2. receives signal from FP-21C On-Line Moisture Sensor mounted directly in the mixer
3. computes Grain Prep Processing Aid - water solution volume necessary to raise ingredient moisture content to a target level previously stored in the Controller memory
4. opens solenoid valve allowing calculated volume of solution to be injected into the mixer
5. closes valve and prints batch a record showing batch weight, moisture content, and volume of added moisture