

Petite Lake Road Pump Station Bubbler Replacement

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- The diagram illustrates the electrical control system for eight pumps in a water treatment plant. It features multiple interlocking circuits for each pump, ensuring safe operation and failure detection. Key components include thermal relays, limit switches, and contactors. The schematic uses standard electrical symbols for wires, terminals, and protective devices. The layout is organized by pump number, with detailed wiring paths shown between them.
- | REVISIONS | | COUNTY OF LAKE
DEPARTMENT OF PUBLIC WORKS |
|-----------|------------|--|
| NO. | DATE | APPROVED BY |
| 1 | 1974-10-10 | JAMES W. JONES |
| | | NORTHWEST REGIONAL SANITARIUM |
| | | WFO CUSTOM ENGINEERING DIVISION |
| | | DWG NO. 3236-2-1 |

2. While viewing the wet well location at the Petite Lake Pump Station during the pre-bid conference and site visit on Tuesday, September 2, 2025, it was noted that access to the western wet well may be limited due to the placement of the existing odor control piping, which is to remain. The Bidding Plans (Lake County Department of Public Works Petite Lake Road Bubbler Replacement, prepared by Christopher B. Burke Engineering Ltd., dated August 8, 2025) indicate that the locations of the transducers and float are to be coordinated with County Operations (refer to Sheet 4 of 7 of the Bidding Plans). During the meeting, County Operations noted that, specifically for the western wet well, the transducers/floats should likely be placed on the northern side of the wet well. Please note that final placement should still be coordinated with our Operations team during construction.