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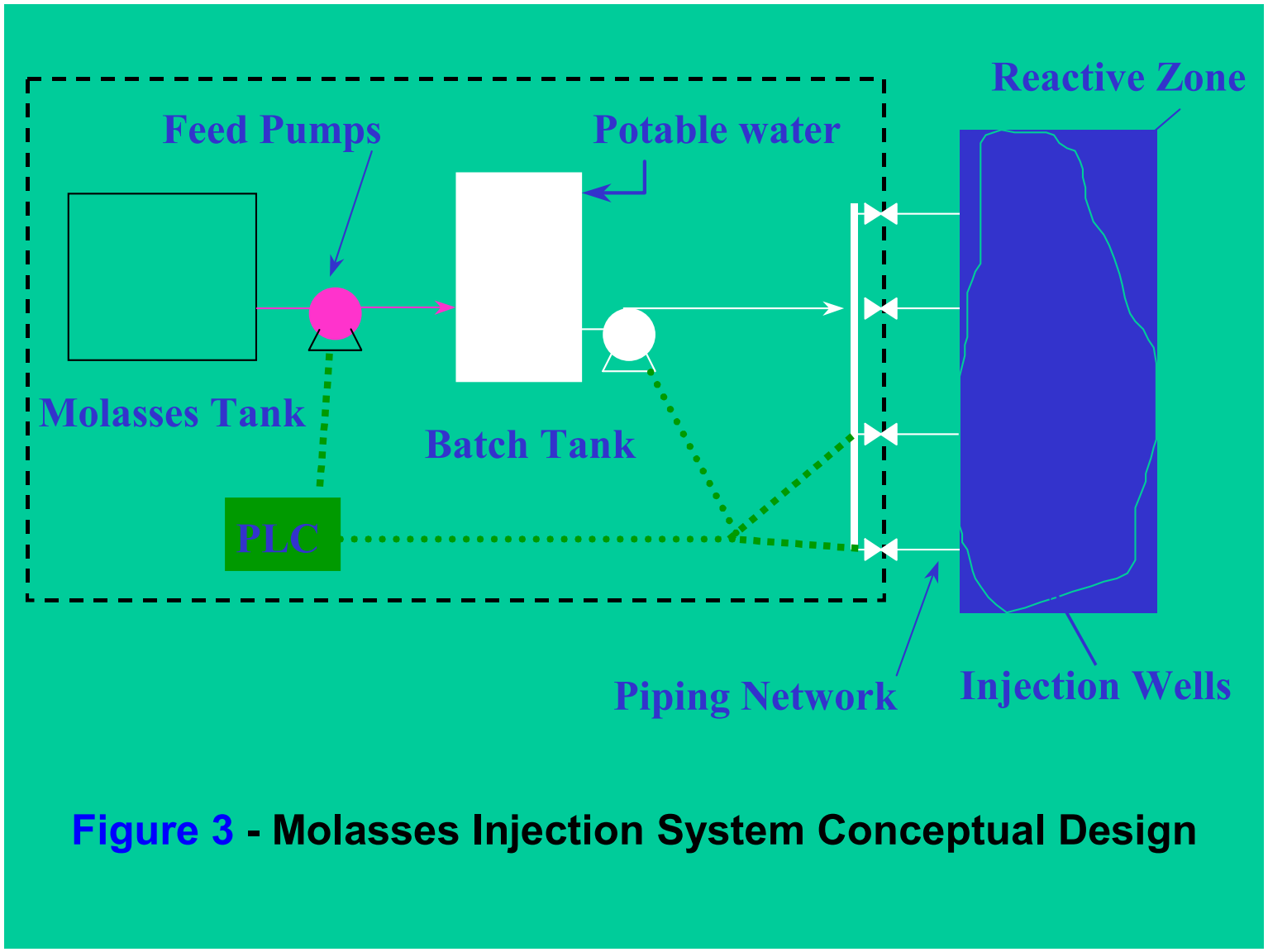
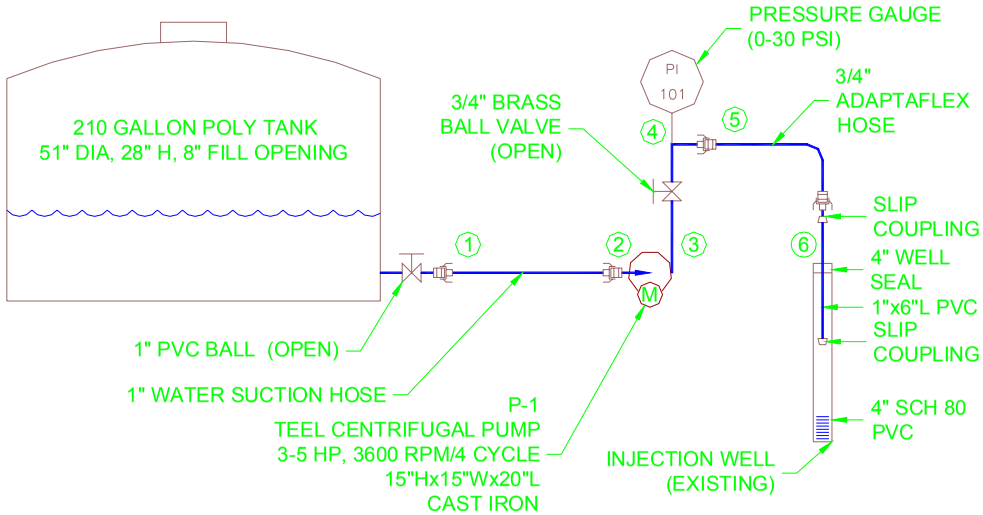


Figure 2-1. Conceptual Design for an ERD System Layout



ZONE	COMPONENT DETAILS
1	2" FPT BULKHEAD FITTING SCH 80 PVC 2"x1" FPT BUSHING SCH 80 PVC 1" CLOSE NIPPLE 1" PVC TRU-UNION BALL VALVE FPTxFPT 1" MPT POLYPROPYLENE ADAPTER, P-T COUPLING 1" I.D. GATES WATER SUCTION HOSE, 10 FT, 125# POLYPROPYLENE (1" COUPLER HOSE SHANK @ EITHER END OF HOSE)
2	1" MPT POLYPROPYLENE ADAPTER, PT COUPLING 1"x1-1/2" FPT BLACK REDUCER BUSHING
3	1-1/2"x3/4" FPT BLACK REDUCER BUSHING 3/4"x4"L STEEL NIPPLE 3/4" BLACK THREADED TEE
4	3/4"x1/4" FPT BLACK REDUCER BUSHING PRESSURE GAGE
5	3/4" POLYPROPYLENE COUPLER WITH MPT 3/4"x25' ADAPAFLEX HOSE (3/4" POLYPROPYLENE ADAPTER HOSE SHANK @ EITHER END OF HOSE)
6	POLYPROPYLENE 3/4" COUPLER W/ MPT 1" SCH 40 PVC, 6" LONG THROUGH CENTER 1" SLIPxFPT COUPLING SCH 40 (TYP. OF 2)

Figure 2-2. Reagent Mixing and Injection System Schematic

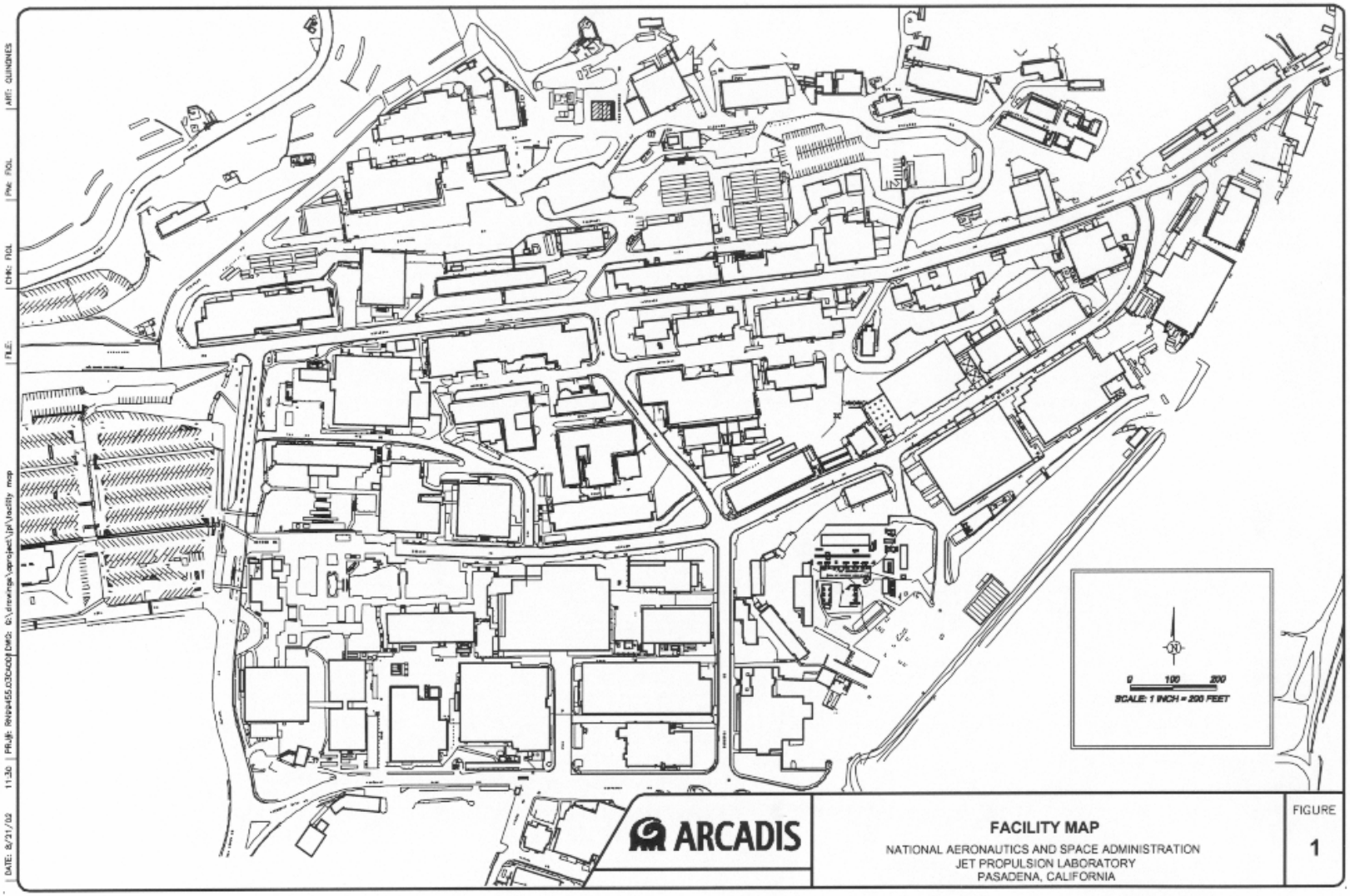


Figure 3-1. JPL Facility Map

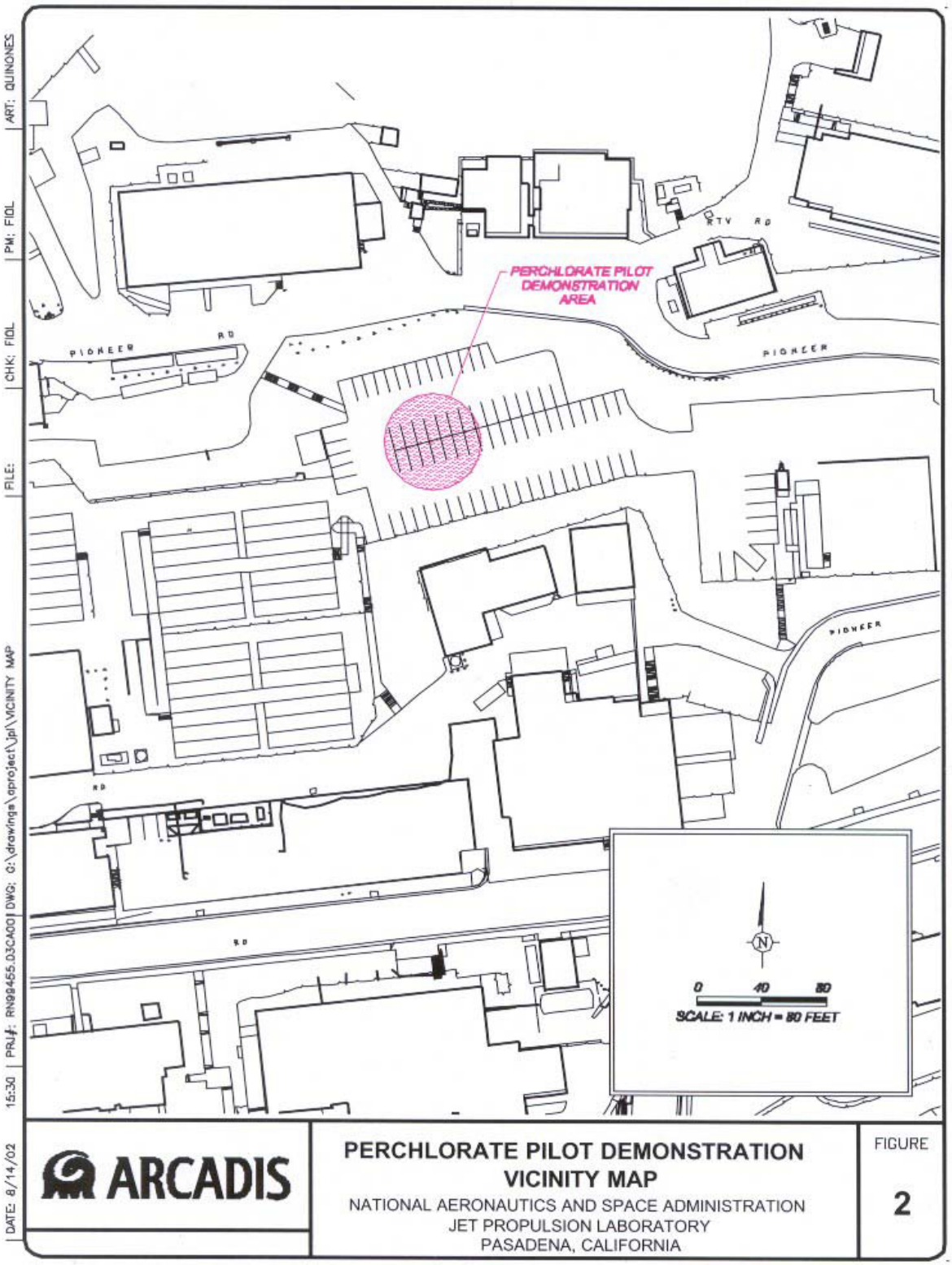


Figure 3-2. Perchlorate Pilot Demonstration Vicinity Map

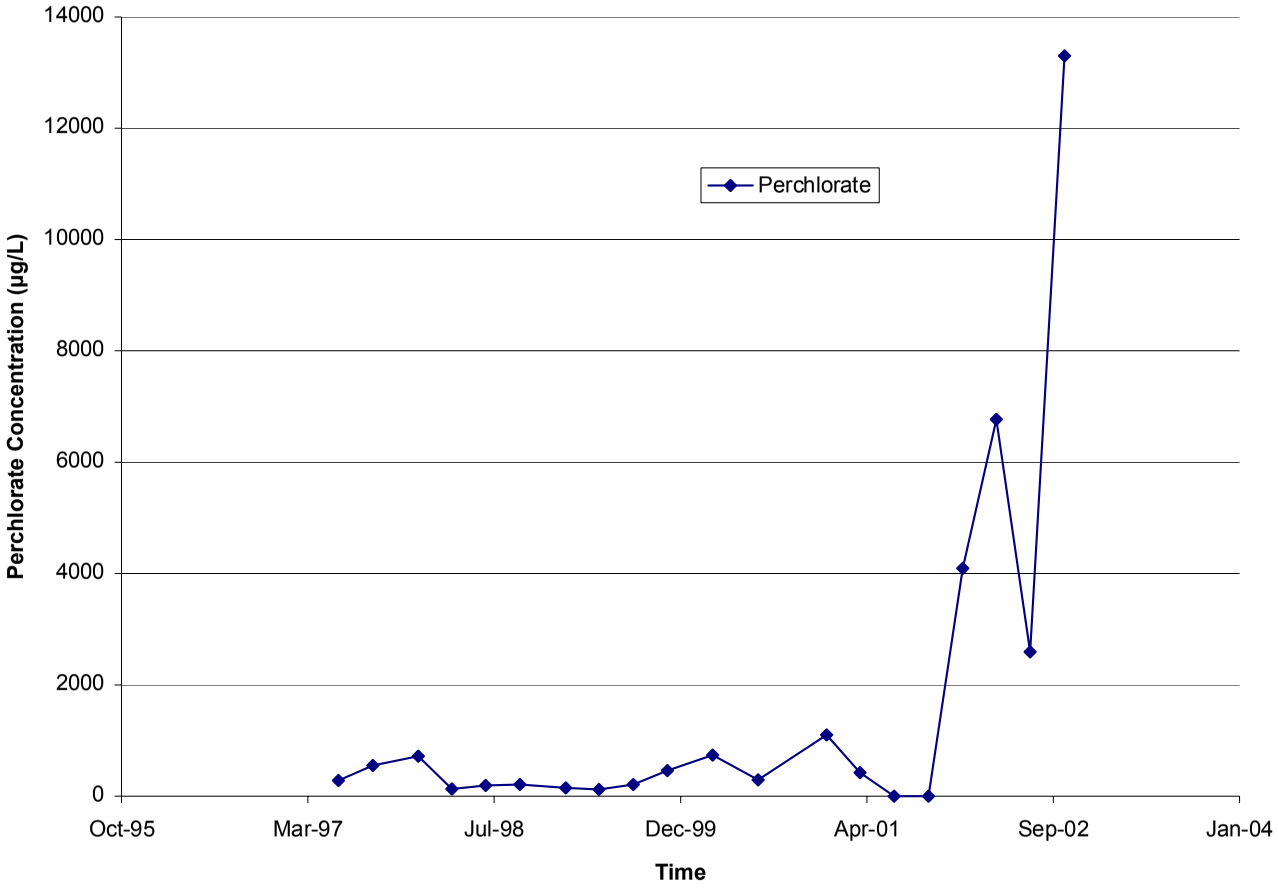


Figure 3-3. Summary of Pretreatment Perchlorate Concentrations in MW-7 during Quarterly Monitoring Events

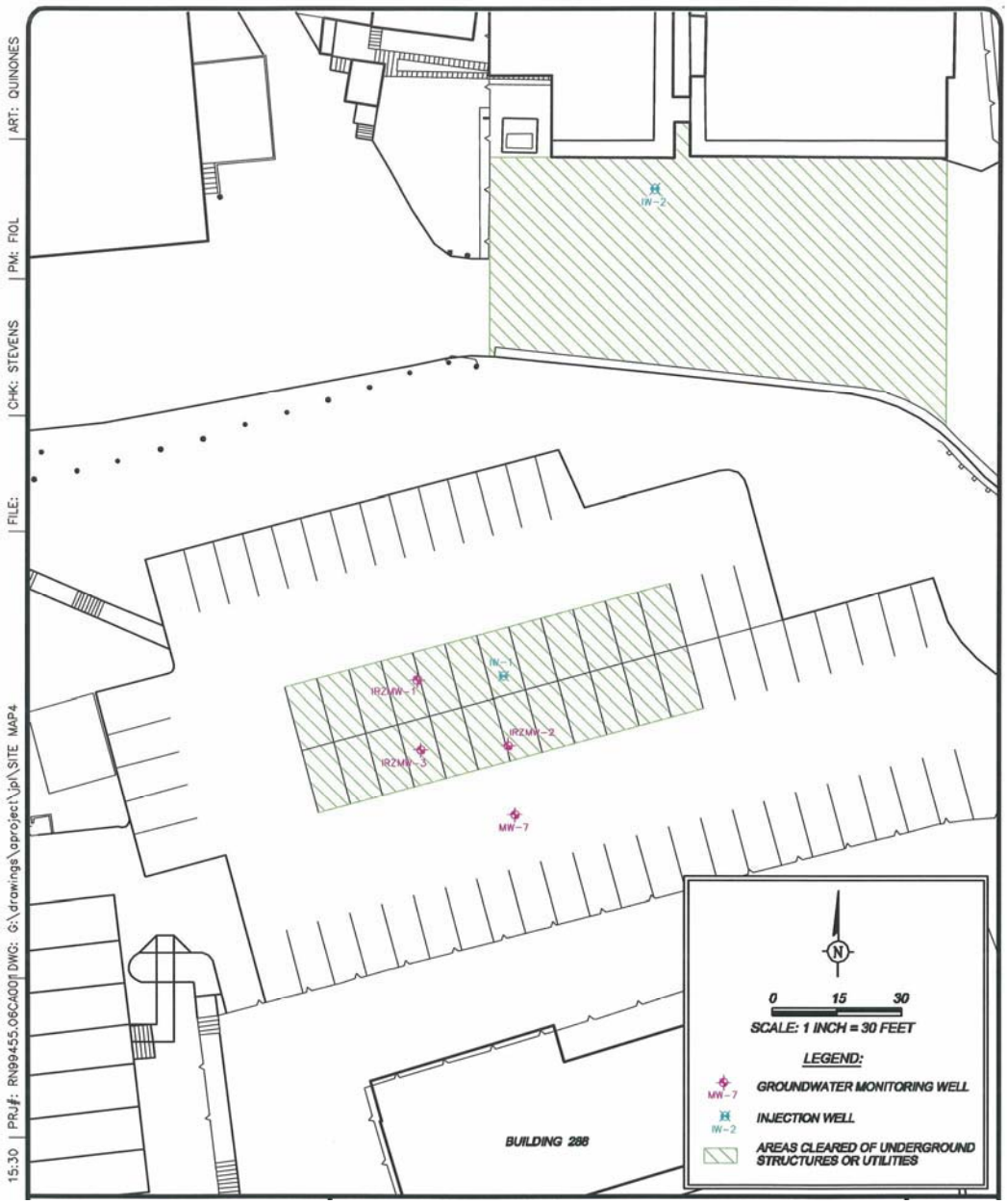


Figure 5-1. Geophysical Survey Area and Well Placement

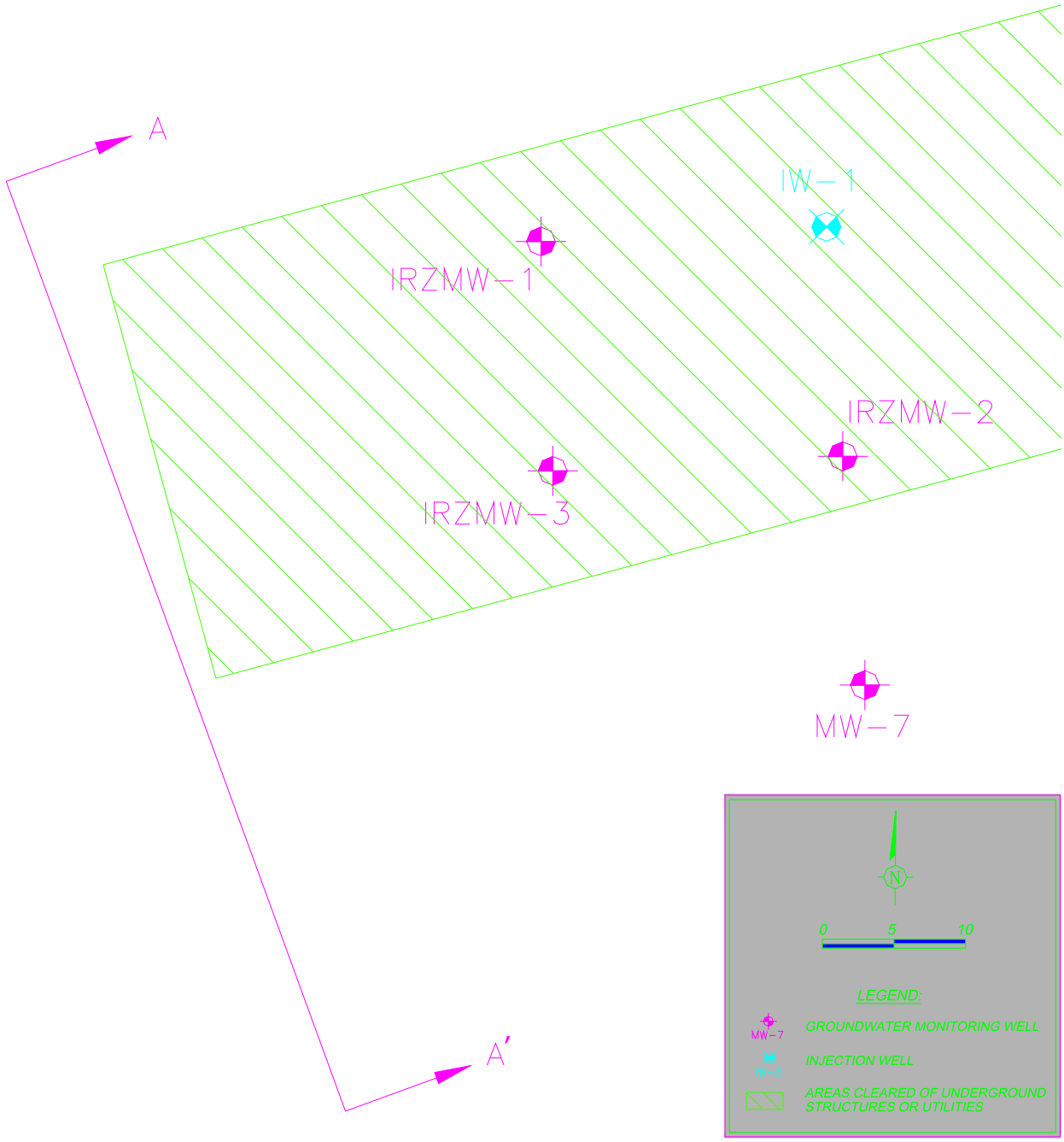


Figure 5-2. Well Lay-Out for JPL IRZ Demonstration

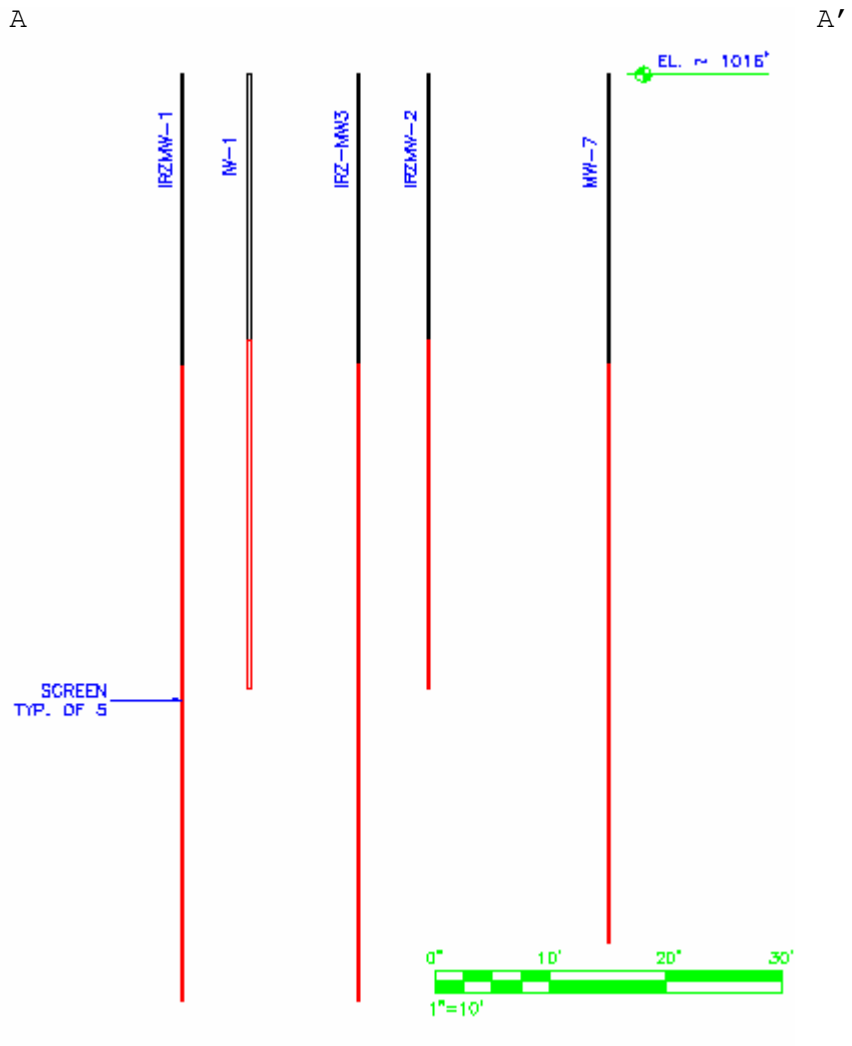


Figure 5-3. Vertical Profile of Demonstration Well Screened Intervals from 200 Feet BGS to Bottom of Screens (Created as a Cross Section through A – A' on Figure 5-3)