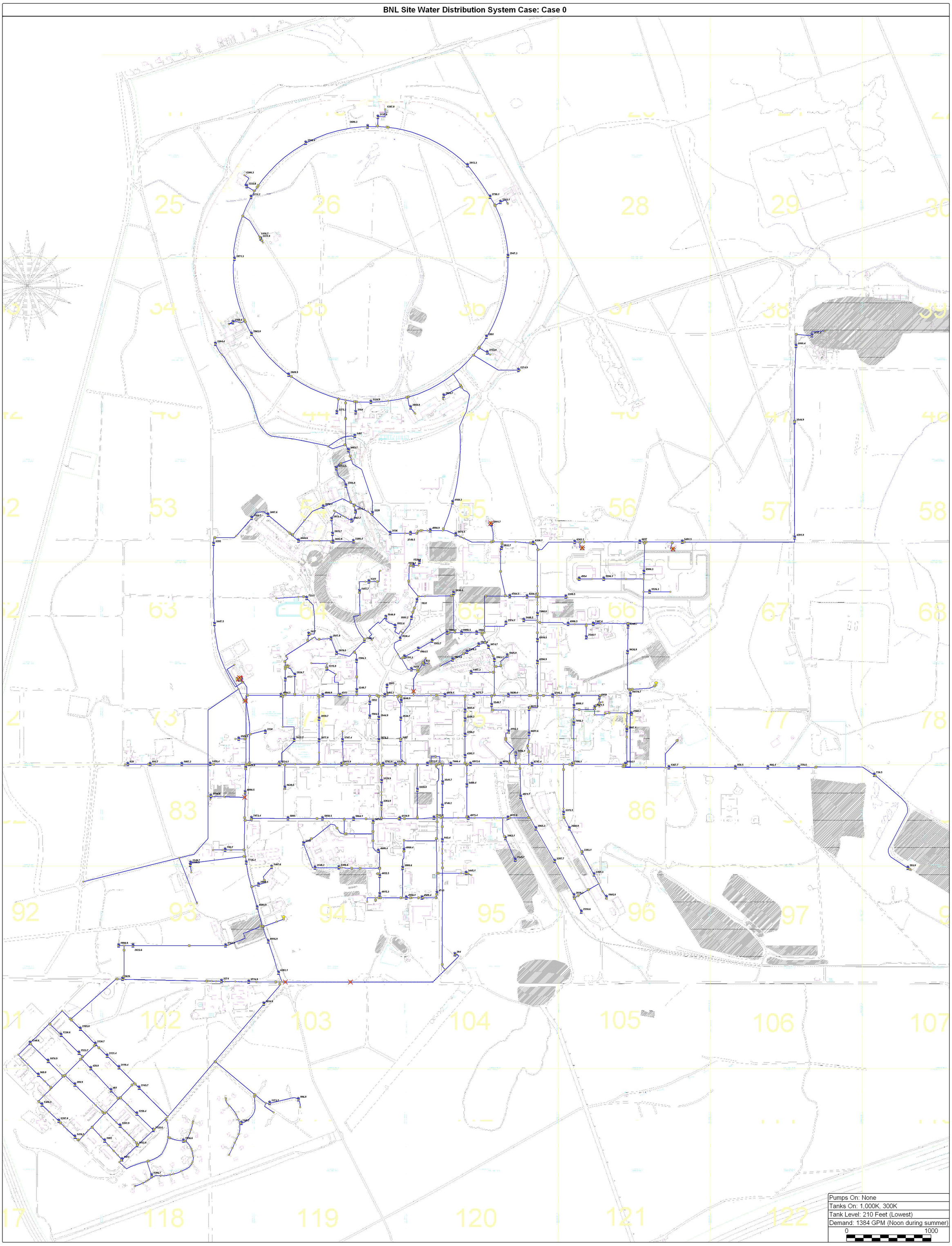BNL Site Water Distribution System Case: Case 0