



SEWER BACKWASH NOTE:
 POOL BACKWASHING PROCEDURE
 BACKWASH TANK SIZING IS BASED ON POOL EQUIPMENT PUMPING TO BACKWASH AT 670 GPM FOR 6 MINUTES EACH CYCLE (4020 GAL). UP TO 6 TOTAL CYCLES PER MONTH.
 THE OUTFLOW WILL HAVE A SOLENOID VALVE TO REGULATE RELEASES INTO THE PUBLIC SEWER SYSTEM.
 THE PLAN IS TO PROGRAM THE 2" VALVE TO OPEN NIGHTLY AT 11:30 PM FOR APPROXIMATELY 4 HOURS TO ALLOW UP TO 20 GPM (4,000 GAL) TO DRAIN. THE CONTROLLER IS TO BE PLACED IN THE EQUIPMENT ROOM.
 A 4" MANUAL GATE VALVE WILL BE PROVIDED (UP TO 180 GPM) TO ALLOW FOR EMERGENCY BYPASS OF THE CONTROLLED RELEASE.
 A 4" SCREENED & INVERTED J-TUBE IS TO BE INSTALLED AT THE TOP OF EACH TANK TO PROVIDE AIR FLOW AND EMERGENCY OUTFLOW IF INFLOW EXCEEDS OUTFLOW WHEN TANKS ARE FULL.

SITE UTILITY PLAN

<p>Revisions:</p>	
<p>MODERN</p>	
<p>MODERN BUILDING, INC. PO BOX 772, CHICO, CA 95927 (530) 891-4595</p>	
<p>Project Name: HLYRA COMMUNITY POOL PROJECT DESIGN-BUILD PROJECT #16-01 SUSANVILLE AQUATIC CENTER 800 SOUTH STREET, SUSANVILLE, CALIFORNIA</p>	
<p>Engineer: JEFFREY MCGOUGH 4/28/16 (Professional Seal)</p>	
<p>NST ENGINEERING, INC. 1445 Riverside Drive * Susanville, CA 96130 Engineering * Planning * Surveying * Surveying Phone: (530) 257-5178 Fax: (530) 257-6272</p>	
<p>Date: 4/28/16 Drawn: KMB Checked: JM Sheet No. 02 Job No: 15054 NST Job: 16-09</p>	