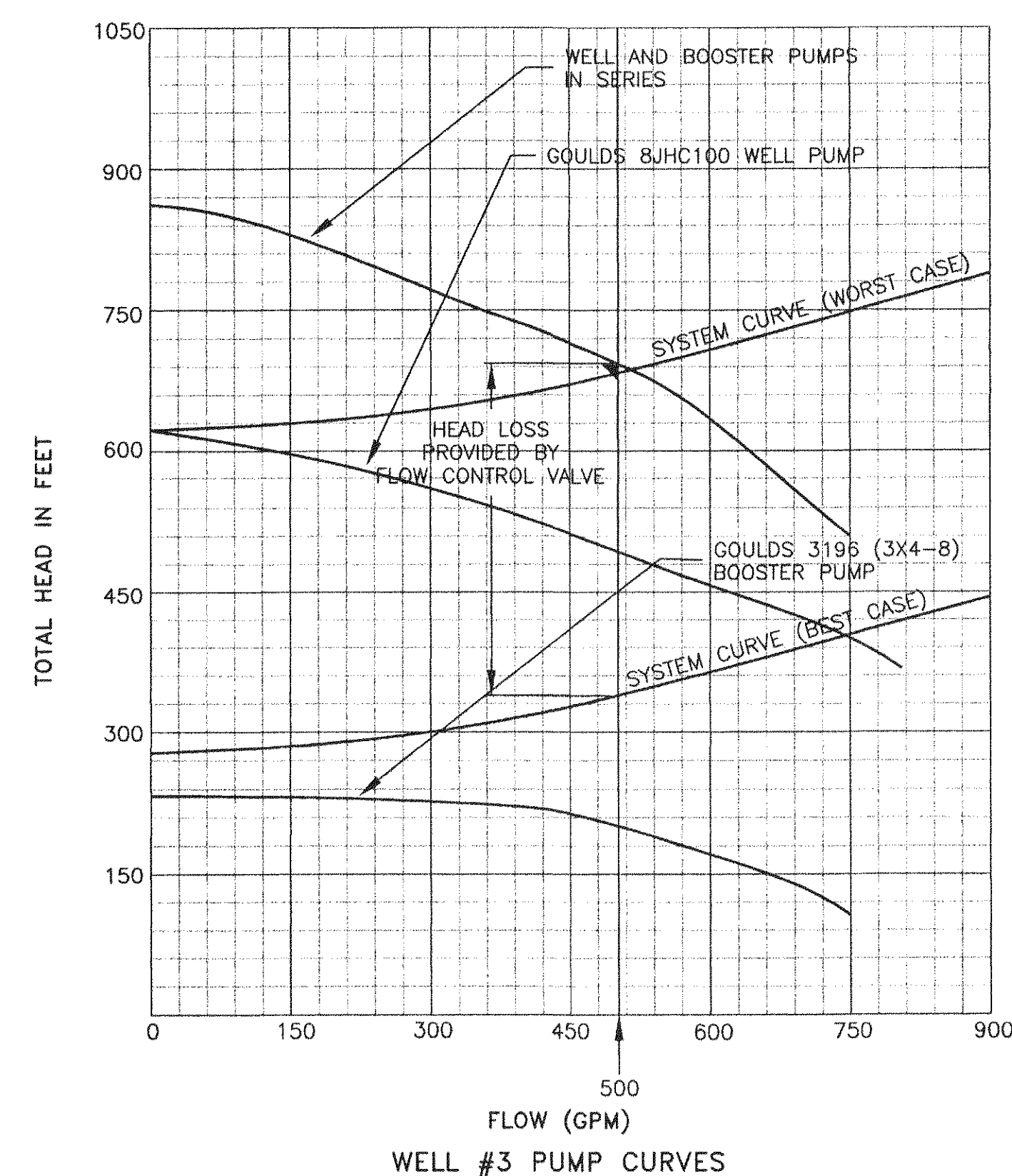


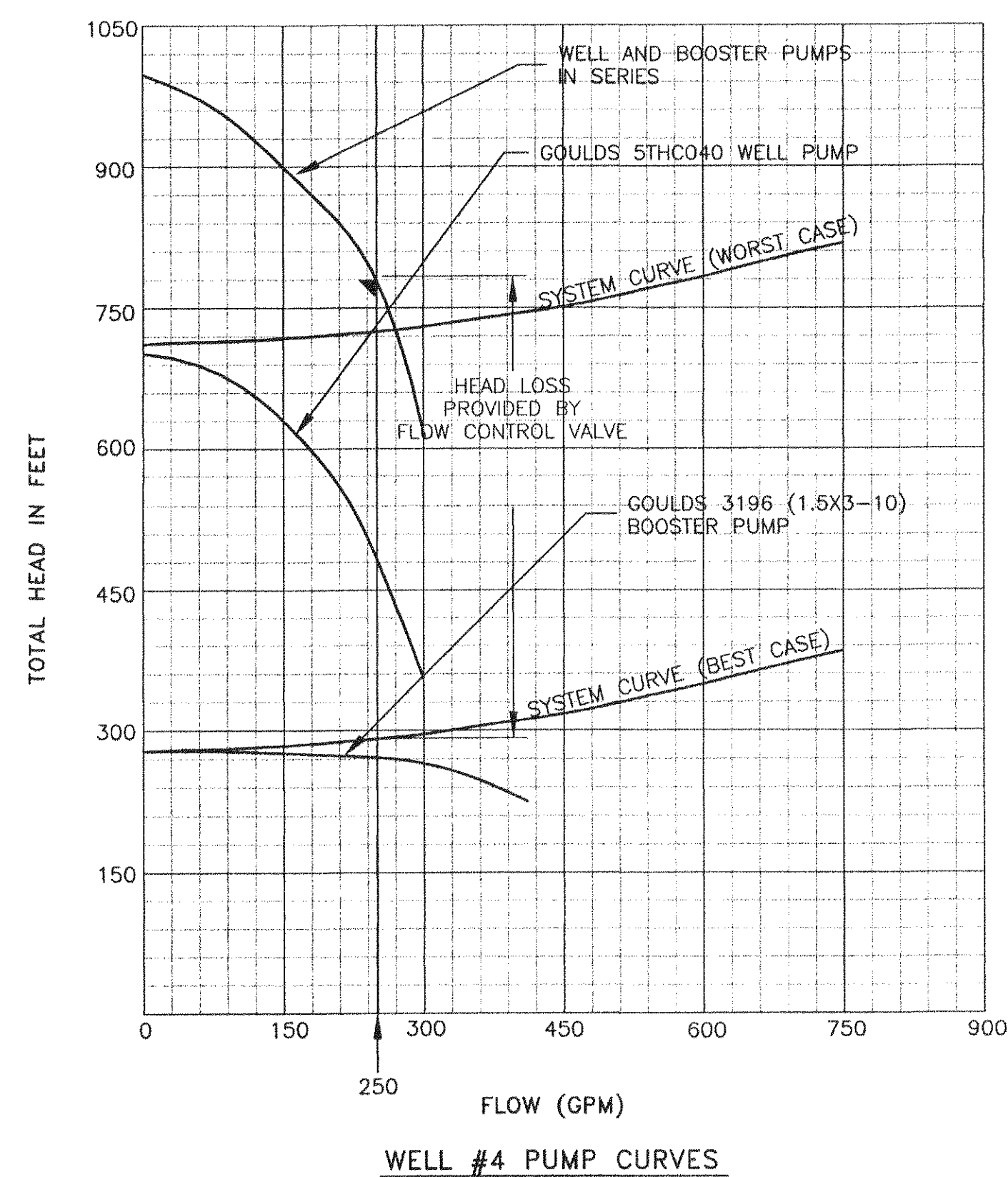
PLAN VIEW

NOTE:

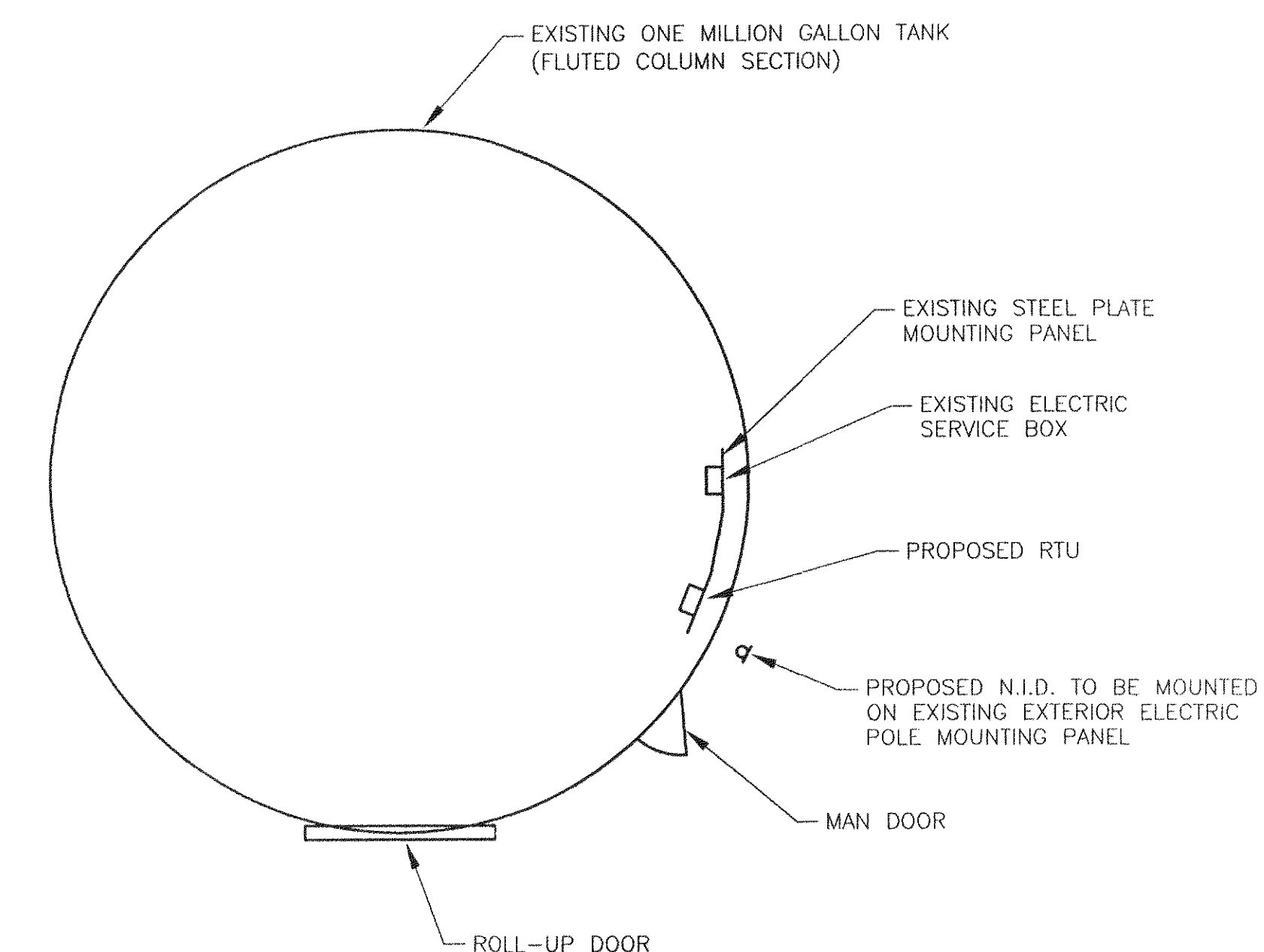
- BUTTERFLY VALVES TO BE KEYSTONE VALVE FIGURE 990, OR APPROVED EQUAL, RESILIENT SEATED WAFER TYPE, FOR INSTALLATION BETWEEN ANSI 150 # FLANGES. CAST IRON SPLIT BODY (ASTM A-126, CLASS B). VALVE SHALL HAVE AN INTEGRALLY CAST TOP PLATE FOR DIRECT FLUSH-MOUNTING OF MANUAL OR POWER ACTUATORS WITHOUT USE OF BRACKETS OR ADAPTERS.
DISC & STEM: ONE-PIECE, 316SS
PRESSURE RATING: 150 PSI (SIZES 1" - 12")
SEAT: EPDM FOOD GRADE
MANUALLY OPERATED VALVES TO HAVE STEEL HANDLE FOR DIRECT MOUNTING ON TOP OF VALVE STEM, WITH SPRING LOADED LEVER AND GRADUATED NOTCH PLATE.
- EXPANSION JOINTS TO BE PROCO 240 AV/EE WITH CONTROL UNIT, OR APPROVED EQUAL
- ALL PRESSURE INDICATORS TO BE DUAL CALIBRATED IN PSI AND FT. OF W.C. DIAL FACES TO BE 4" OR 4.5" DIAMETER. GAUGES TO BE BOURDON TUBE TYPE, PULSATION DAMPENED, WITH WATERTIGHT FIBERGLASS REINFORCED POLYAMID B CASE OR BRASS CASE. LENS TO BE LAMINATED SAFETY GLASS. ACCURACY TO BE 0.5% OF FULL SCALE OR BETTER. GAUGES TO BE McDANIEL MODEL N OR APPROVED EQUAL. PRESSURE RANGE TO BE 0 - 160 PSI.



WELL #3 PUMP CURVES

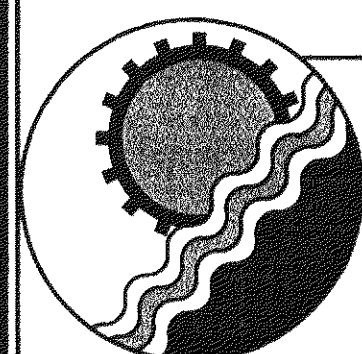


WELL #4 PUMP CURVES



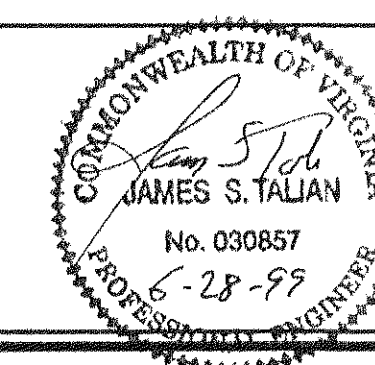
RTU MOUNTING AT TANK

NOT TO SCALE



ENGINEERING CONCEPTS, INC.

20 S. ROANOKE ST., PO BOX 619
FINCASTLE, VIRGINIA 24090
540.473.1253 FAX: 540.473.1254



Drawn	JHG
Designed	PSN
Checked	JST
Approved	WPJ

**GREENFIELD
CHLORINATION FACILITY**
**INTERIOR PIPING PLAN
AND PUMP & SYSTEM CURVES**

3/8" = 1'
JUNE 1999
PROJECT: 97075
11 of 19