



- NOTES:**
- TARGET TYPE LEVEL INDICATOR SUPPLIED WITH TANK, SPECIFICATION 5853 C-15 (HWS1414). REQUIRES THE TANKS TO BE PHYSICALLY ORIENTED SO THAT THE WATER LEVEL INDICATOR WILL BE VISIBLE FROM THE PUMPHOUSE.
  - FOR SYMBOLS AND USAGE SEE LEGEND SHEETS: H-4-11093, 11094, 11095, 11096, 11098 AND 11099.
  - ALL VALVE NUMBERS SHALL BE PRECEDED BY THE NUMBER 23.
  - ALL ALARMS ANNUNCIATED ON LOCAL CONTROL PANEL C1008 ARE RETRANSMITTED TO THE AUTODIALER PANEL C-676.
  - 482 A & B ARE THE AREA LOCATION NUMBERS OF THESE TANKS.
  - INLET TO RELIEF VALVES ARE 1". OUTLETS 1 1/2".
  - OVERFLOW LINES ARE SIZED 6".
  - DELETED
  - FCN'S NO. 314 & 356 INCORPORATED PRIOR TO REV. 7.
  - TWO 1/2" HOLES DRILLED IN THE BOTTOM OF THE PUMP DISCHARGE STANDPIPE IN EACH TANK PROVIDE A CONTINUOUS SUPPLY OF WATER FOR WELLWATER PUMP BEARING LUBRICATION.
  - 23-V-320 IS PHYSICALLY LOCATED WEST OF 480 B WELL #2 UNDER A MANHOLE COVER ON A 6" WATER LINE.

DWG NUMBER	TITLE	REV	DESCRIPTION
H-4-302696	FIRE PROT C-676 WIRING DIAGRAM		
H-4-66172	ELEC WELL WATER PUMPS WIRING		
H-4-14730	WTR STORAGE TANK GENL ARR		
H-4-14645	F PROT SYS YARD LOOP DET		
H-4-14646	F PROT SYS MISC DETAIL		
H-4-11360	EQPT REQMT DWG WTR WELL PMP		
H-4-11017	P&ID FIRE PUMPS		
H-4-11071	P&ID SANITARY WATER		
H-4-11077	P&ID COOLING TWR & PMP		
H-4-11169	FLOW DIAG WELL WTR PMP & STORAGE TANKS		
H-4-104660	P&ID F AND SAN WTR SVCE		

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DATE	BY	APP'D	DESCRIPTION

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DESTROY THIS DOCUMENT BY SHREDDING MAY CONTAIN SENSITIVE INFORMATION

BLDG. NO. 400G

INDEX NO. 7004

**U.S. DEPARTMENT OF ENERGY**  
Richland Operations Office

**PIPING & INSTR DIAGRAM**  
SVCE PIPING WELL WTR PMP & STORAGE TANKS SYS 23

DRAWING NUMBER: H-4-11008

SHEET: 1

REV: 31

SCALE: NONE