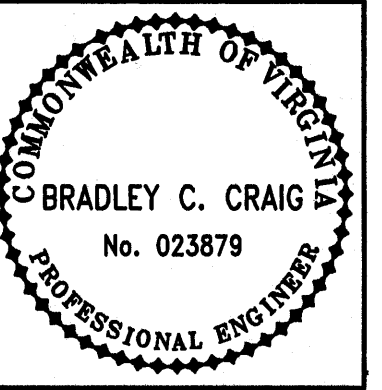




Date	
Revisions	

Issue Date:	02/17/04
Drawn By:	ARB
Designed By:	BCC
Checked By:	BCC
Date:	02/17/04

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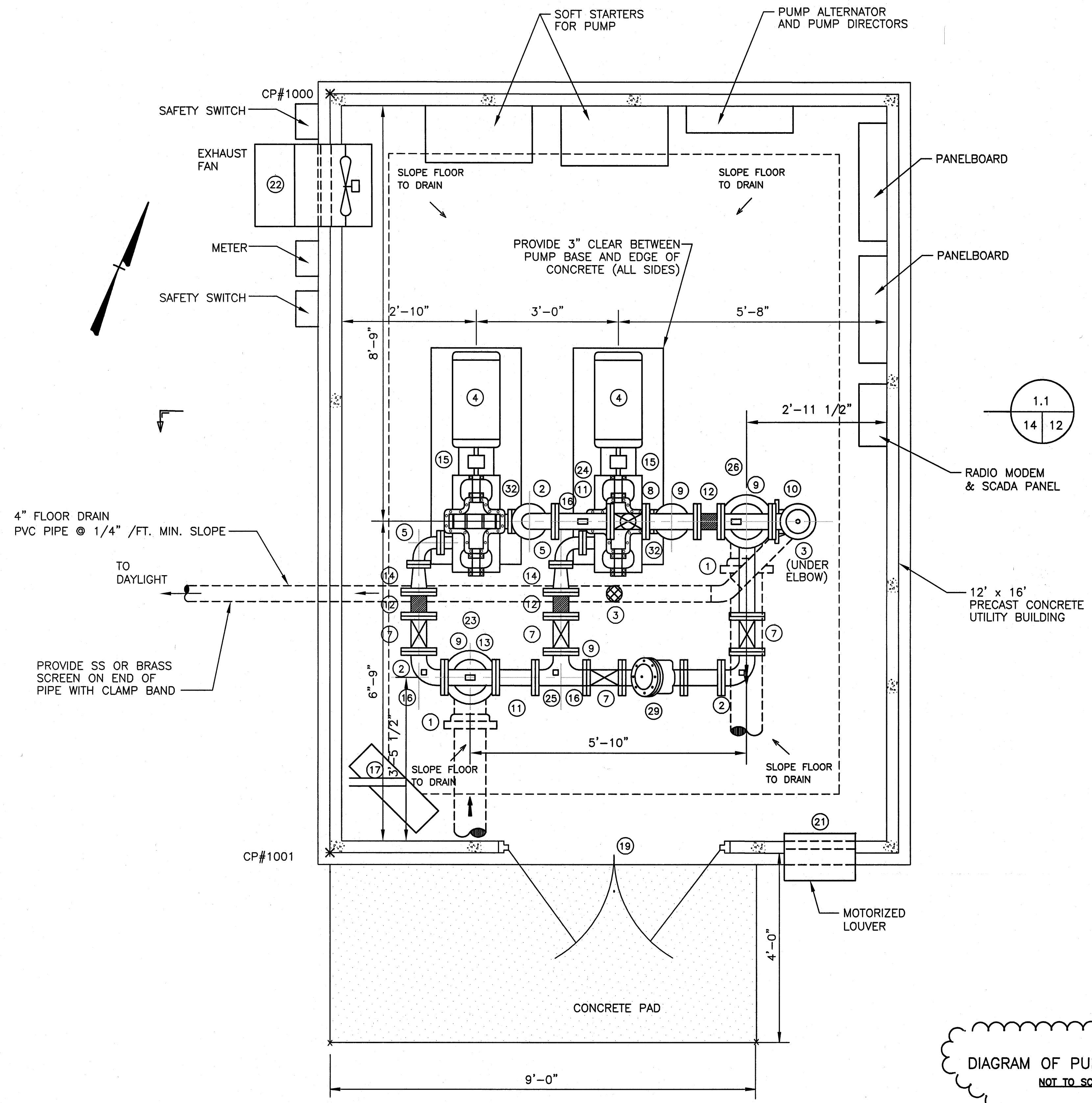
MILL MOUNTAIN WATER PROJECT
**PUMP STATION -
FLOOR PLAN**
CITY OF ROANOKE, VIRGINIA

Vertical Scale:	N/A
Horizontal Scale:	AS NOTED
Commission Number:	2120
Sheet No.:	12

LEGEND

- 8"-90° MJ BEND (RESTRAINED)
- 4"-90° BEND
- 4" FLOOR DRAIN W/TRAP- BRASS FLOOR GRATING AND FRAME
- PUMP AND MOTOR
- 3"-90° BEND (AS REQUIRED BY PUMP MFG.)
- NOT USED
- 4" GATE VALVE
- AIR RELIEF VALVE
- 4" TEE
- 4" SURGE RELIEF VALVE
- 4" SPOOL PIECE (LENGTH AS REQUIRED)
- 4" FLEXIBLE COUPLING (RESTRAINED TYPE)
- 8" x 4" REDUCER
- 4" x 3" REDUCER
- CONC. PUMP BASE (SEE NOTE THIS PAGE)
- PIPE SUPPORT
- ELECTRIC UNIT HEATER (MH 6'-6")
- SCADA ENCLOSURE
- 3'-0" X 6'-8" DOUBLE DOORS
- NOT USED
- LOUVER W/MOTORIZED DAMPER AND INSECT SCREEN (MH 6'-8" TO TOP)
- EXHAUST FAN (MH 6'-8" TO TOP)
- LOW SUCTION PRESSURE CUTOFF SWITCH AND TRANSDUCER- SET AT 20 PSI
- PRESSURE GAUGE (DISCHARGE)
- PRESSURE GAUGE (SUCTION)
- PRESSURE TRANSMITTER TO SCADA (ACTIVATES PUMPS IF TELEMETRY FAILS)- SET AT ___ PSI
- 4" PVC ELBOW
- 4" FLANGED SLUDGE SHOE FITTING
- 4" PRESSURE SUSTAINING VALVE
- NOT USED
- NOT USED
- 2"-90° BEND (AS REQUIRED BY PUMP MFG.)
- 4" x 2" REDUCER

NOTE:
PROVIDE PIPING OR TUBING FROM PUMP BASES AND AIR RELEASE
TO FLOOR DRAIN.



CP#	NORTH	EAST	DESC.
CP#1000	3617034.1101	11064449.5109	NW BLDG COR.
CP#1001	3617019.5358	11064456.1132	SW BLDG. COR.

FLOOR PLAN
SCALE: 3/4" = 1'-0"

DIAGRAM OF PUMP STATION
NOT TO SCALE

