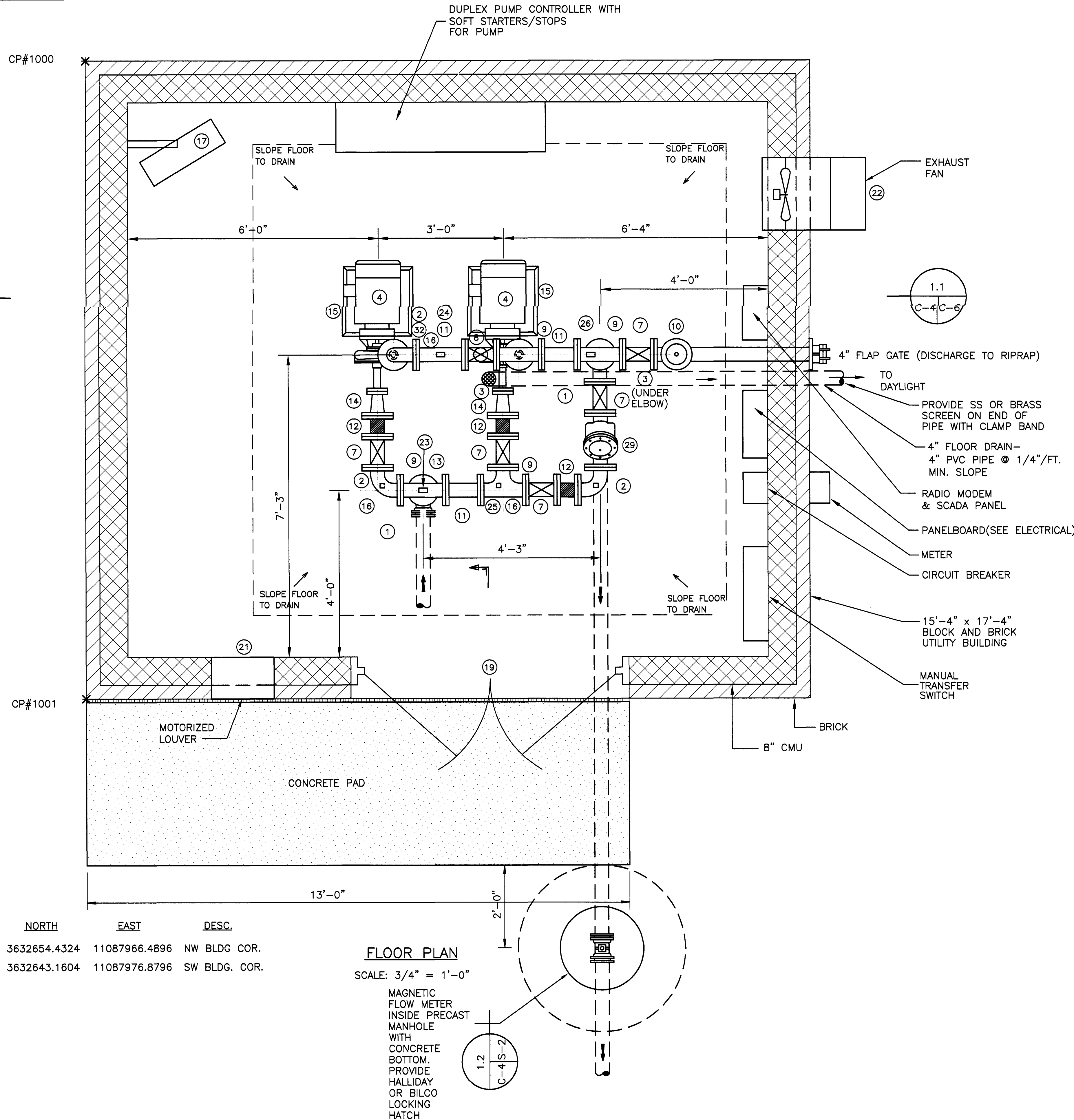


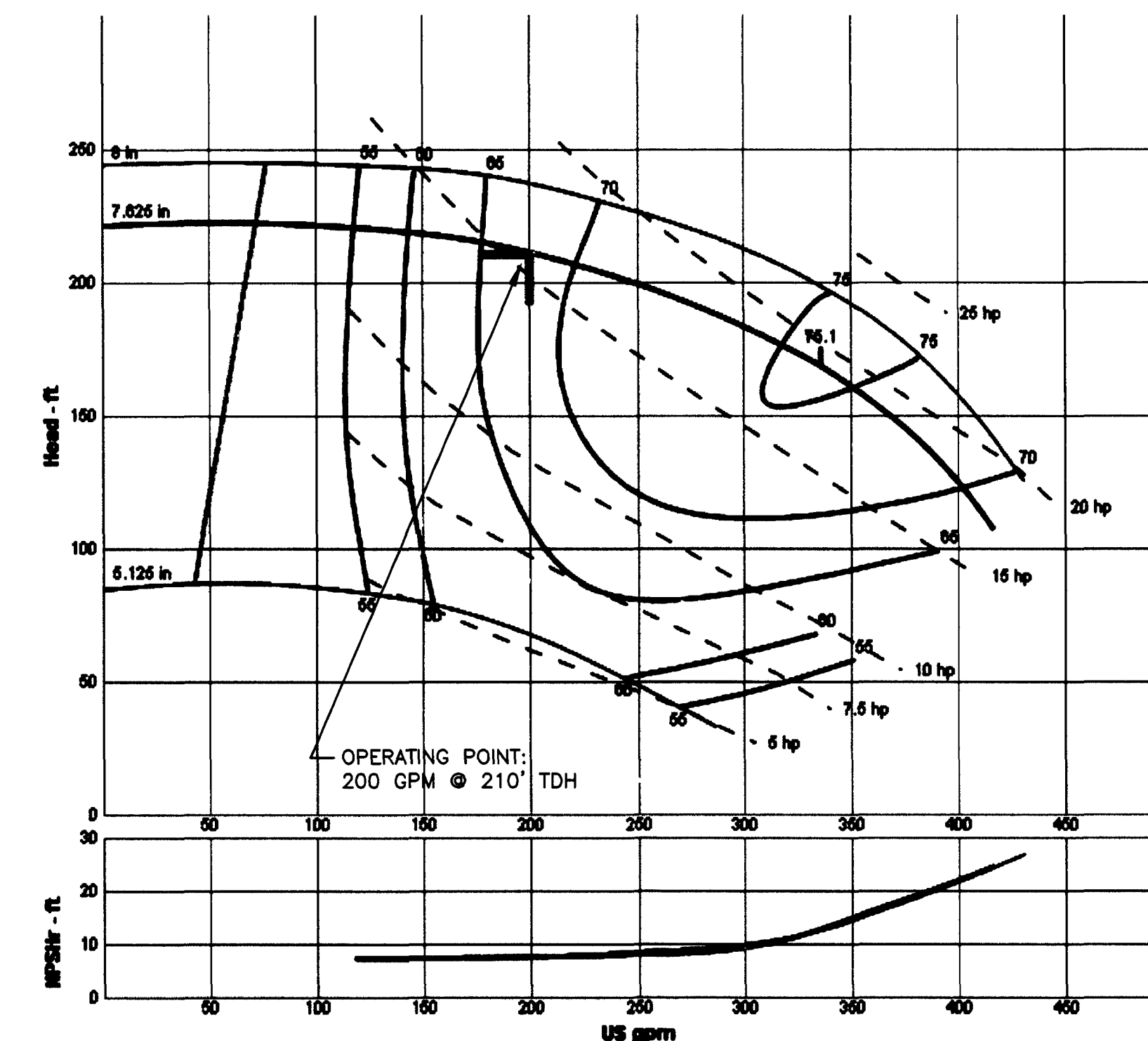


CP#	NORTH	EAST	DESC.
CP#1000	3632654.4324	11087966.4896	NW BLDG COR.
CP#1001	3632643.1604	11087976.8796	SW BLDG. COR.

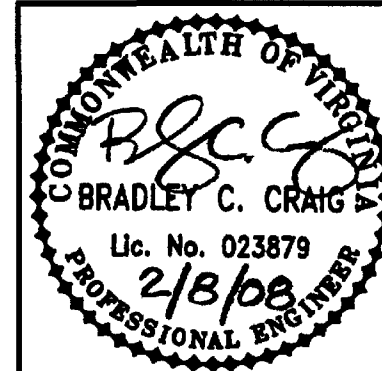
LEGEND

- 4"-90° MJ BEND (RESTRAINED)
- 4"-90° BEND
- 4" FLOOR DRAIN W/TRAP- BRASS FLOOR GRATING AND FRAME
- PUMP AND MOTOR
- 4" x 1 1/2" REDUCER
- 4" CUSHIONED CHECK VALVE
- 4" GATE VALVE
- AIR RELIEF VALVE
- 4" TEE
- 4" SURGE RELIEF VALVE
- 4" SPOOL PIECE (LENGTH AS REQUIRED)
- 4" FLEXIBLE COUPLING (RESTRAINED TYPE)
- NOT USED
- 4" x 2" REDUCER
- CONC. PUMP BASE (SEE NOTE THIS PAGE)
- PIPE SUPPORT
- ELECTRIC UNIT HEATER (MH 6'-6")
- SCADA ENCLOSURE
- 3'-0" x 7'-0" 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
- 4" PVC ELBOW
- 4" FLANGED SLUDGE SHOE FITTING
- 4" PRESSURE REDUCING 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.



PUMP CURVE



Date	
Revisions	

Issue Date:	FEBRUARY, 2008
Drawn By:	BCB
Designed By:	BCB
Checked By:	BCB
Date:	FEB., 2008

Mattem & Craig
CONSULTING ENGINEERS • SURVEYORS
701 FIRST STREET, S.W.
ROANOKE, VIRGINIA 24016
(540) 345-9342
FAX (540) 345-7891

FALLING CREEK WATER PROJECT-PHASE II

**PUMP STATION -
FLOOR PLAN**

TOWN OF VINTON, VIRGINIA

Vertical Scale:
N/A

Horizontal Scale:
AS SHOWN

Commission Number:
1955-K

Sheet No.:

C-4