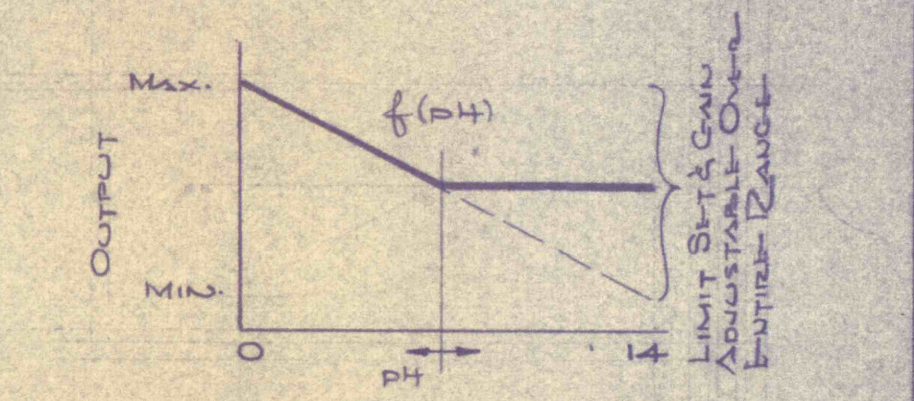


IDENTIFICATION LETTERS	FIRST POSITION	SECOND POSITION	THIRD POSITION
A	ANALYSIS	ALARM	
C	CENTRAL		
F	FLOW RATE	PRIMARY ELEMENT	
H		INDICATE	HIGH
K	TIME		
L	LEVEL	LIGHT	LOW
M		RECORD	MIDDLE
R		RECORD	
S		SWITCH	
T		TRANSMIT	TRANSMIT
U		UNUSABLE	
Y		COMPLETE	

ABBREVIATIONS (Exhibit Identification Letters)	DESCRIPTION
NaOH	Sodium Hydroxide Solution
Fe+	Iron (Ions)
TUR	Turbidity (Suspended Solids)
pH	Hydrogen Ion Concentration
FO	Fail Open
FC	Fail Closed
H-O-A	Hand-Off-Automatic
f(pH)	Function Of pH
RV	Reverse Or Reverse Action
F	Proportional (Moos)
SP	Intersect Or Reset (Moos)
X	Times
+	Plus
H	High
M	Medium Physical Position
L	Low
SV	Solenoid Valve
MV	Motorized Valve
SS	Selector Switch
ES	Electric Signal

SYMBOLS	
	FLOW
	WEIR
	VALVE, GLOBE, HAND OPERATED
	VALVE, BUTTERFLY
	VALVE, SQUARE-ROUNDER (SPECIALTY)
	VALVE, GLOBE, SOLENOID OPERATED
	PUMP, CENTRIFUGAL
	PUMP, SAMPLE (GLOBE, RETARY, OTHER)
	FLOW TUBE
	VALVE, CHECK, SWING
	MOTOR, ELECTRIC
	PROCESS LINE (SHOWN W/ FLOW DIRECTION)
	NON PROCESS LINE OR MECHANICAL CONNECTION
	ELECTRICAL LINE (SHOWN W/ CONNECTION)



1. ALL SAMPLE PUMPS SHALL BE PROVIDED WITH CHECK VALVES
2. ALL MOTOR STARTERS SHALL BE FURNISHED BY ELECTRICAL CONTRACTOR

REVISIONS	
INSTRUMENTATION DIAGRAM	
CONSTRUCTION OF TREATMENT FACILITIES FOR ACID MINE DRAINAGE	
RAUSCH CREEK WATERSHED	
SCHUYLKILL COUNTY PENNSYLVANIA	
JOB NO: 6805 DATE: NOV 1969 SCALE: NOT TO SCALE DRAWN: [Signature] APPROVED: [Signature]	DRAWING NO: 1-2
ANTHRACITE RESEARCH & DEVELOPMENT CO. INC. consulting engineers POTTSVILLE PENNSYLVANIA TAMAGUA	