

SCHEDULE OF WELL PUMP OPERATIONS FOR AUTOMATIC PUMP CONTROL

RISING LEVEL			DETECTION TANK		FALLING LEVEL		
START PUMP	STOP PUMP	PUMPS RUNNING	WATER LEVEL	WELL GROUP	PUMPS RUNNING	STOP PUMP	START PUMPS
WELL GROUP OFF	WELL GROUP SELECTED		8.5	WELL GROUP 1 SELECTED			
			7.5	WELL GROUP 2 SELECTED			
			6.5	WELL GROUP 3 SELECTED			
			5.5	WELL GROUP 4 SELECTED			
				WELL GROUP 5 SELECTED			

SCHEDULE OF SERVICE PUMP OPERATIONS FOR AUTOMATIC PROGRAM CONTROL

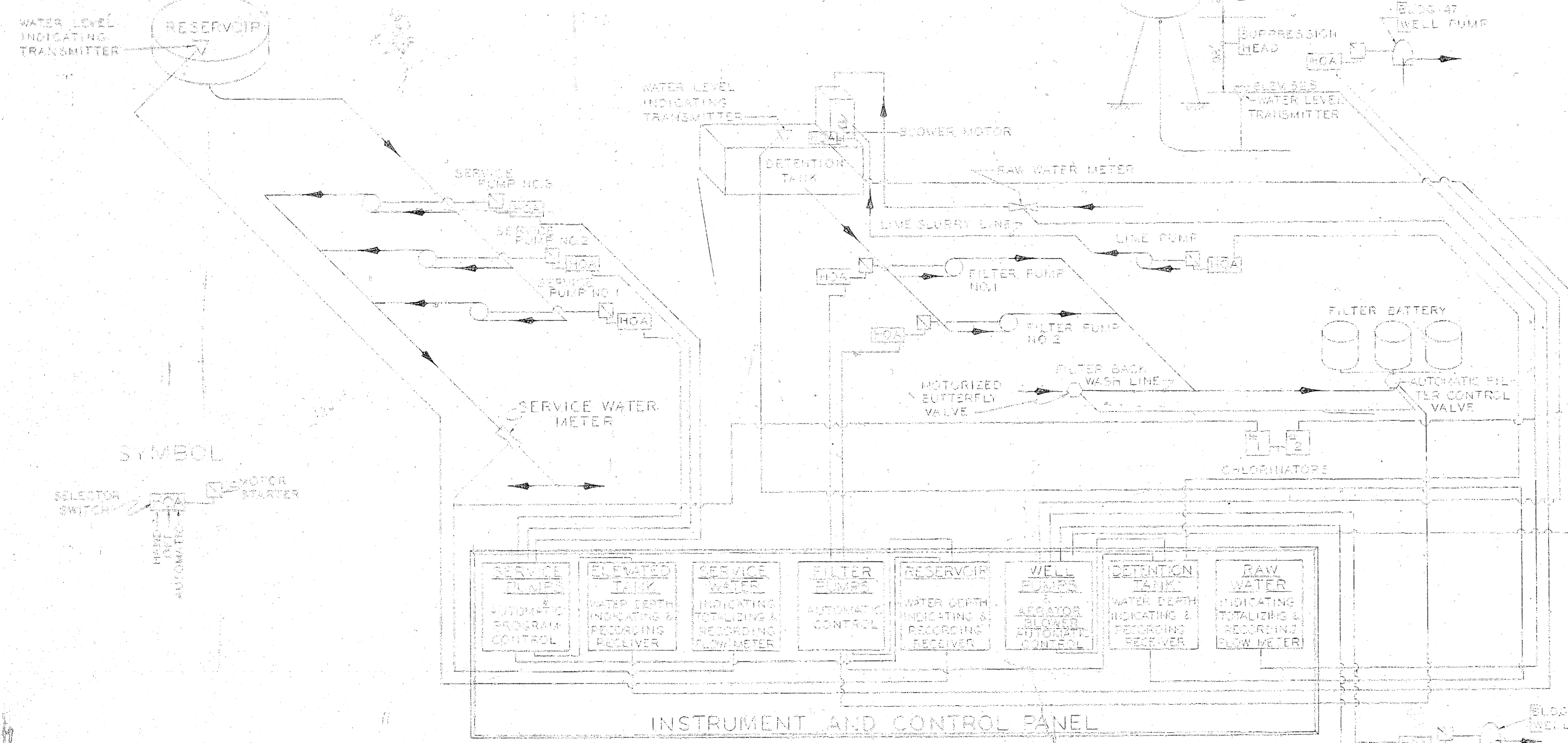
RISING LEVEL		ELEVATED TANK		FALLING LEVEL	
RESERVOIR PUMP	STOP PUMP	WATER LEVEL	WATER LEVEL	RESERVOIR PUMP	STOP PUMP
ALL PUMPS OFF		23			
		15			
		10			
		5			
		0			
		0			
		0			
		0			
		0			
		0			

SCHEDULE OF FILTER PUMP OPERATIONS FOR AUTOMATIC PUMP CONTROL

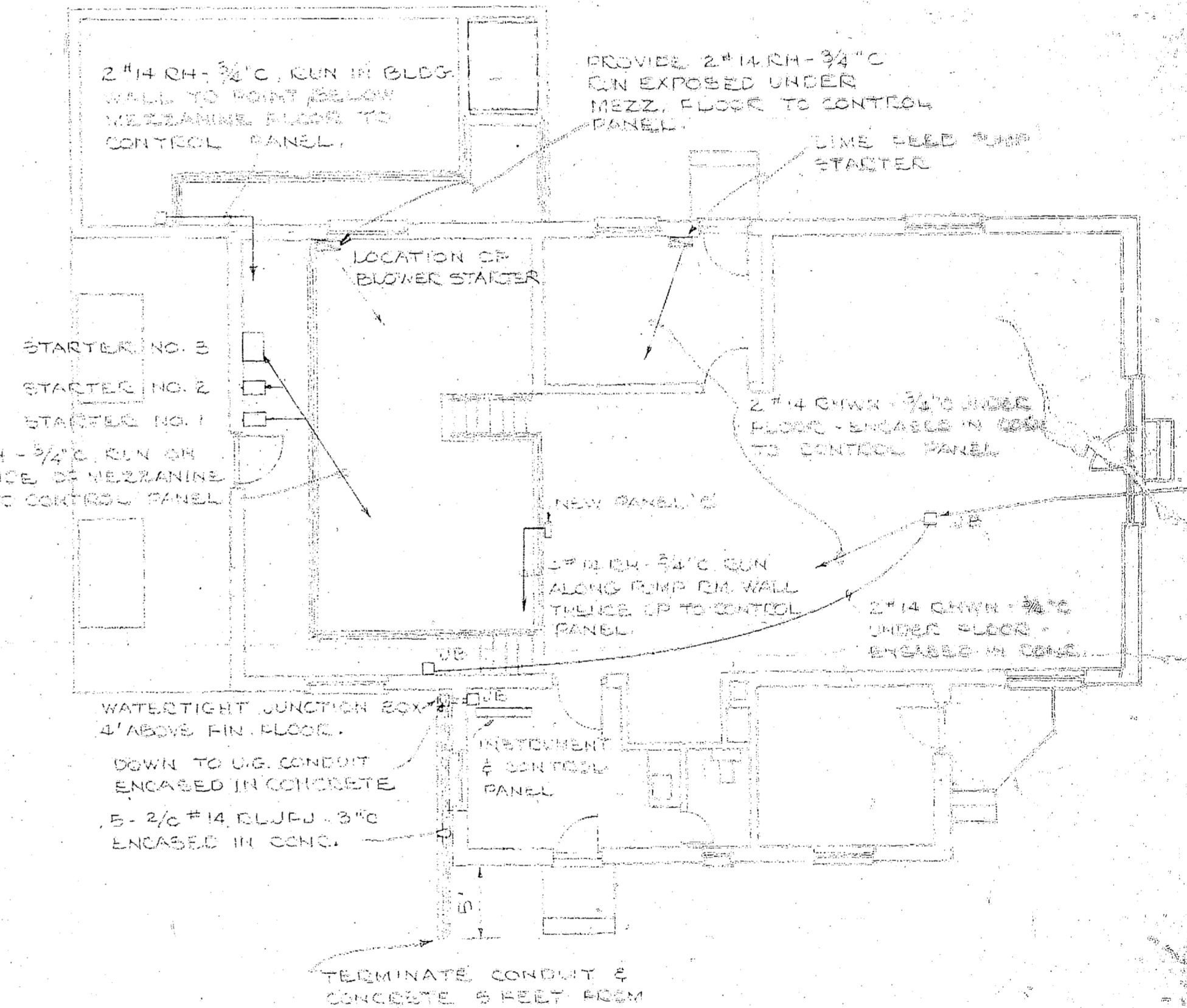
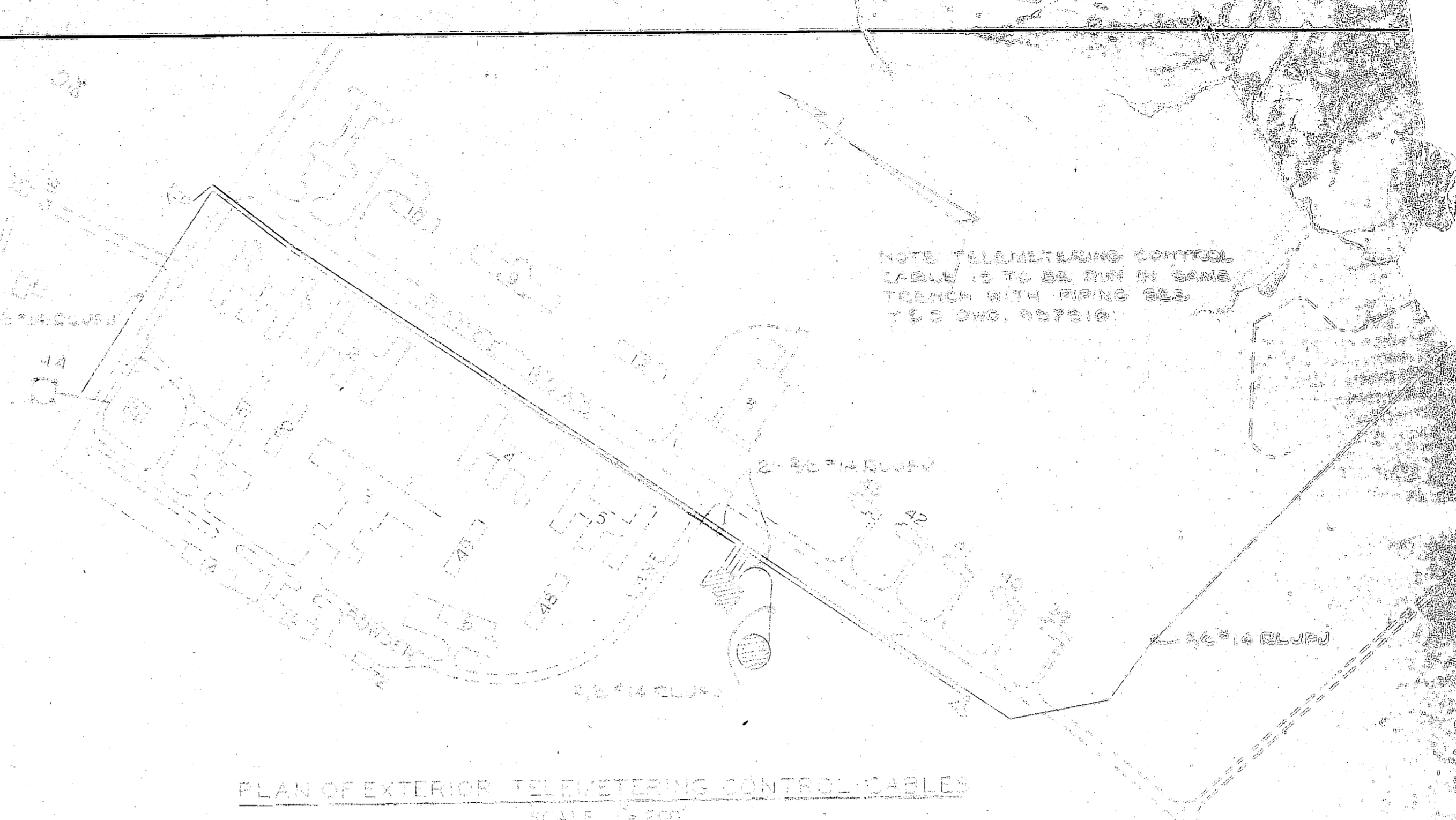
RISING LEVEL		RESERVOIR WATER LEVEL		FALLING LEVEL	
STOP PUMP	START PUMP	WATER LEVEL	WATER LEVEL	STOP PUMP	START PUMP
ALL PUMPS OFF		14.0			
		13.0			
		12.0			
		11.0			
		10.0			
		9.0			
		8.0			
		7.0			
		6.0			
		5.0			

NOTE: AN ALTERNATOR SHALL BE PROVIDED TO AUTOMATICALLY ALTERNATE THE STARTING SEQUENCE AND OPERATIONAL CYCLES OF PUMPS NO. 1 AND 2. ON THE ALTERNATE CYCLE PUMP NO. 1 SHALL START FIRST AND PUMP NO. 2 SHALL START SECOND. PUMP NO. 2 SHALL STOP FIRST AND PUMP NO. 1 SHALL STOP SECOND. ALL PUMPS TO SHUT OFF WHEN RESERVOIR WATER LEVEL DROPS TO 5' & REMAIN OFF UNTIL MANUALLY RESET AT PANEL.

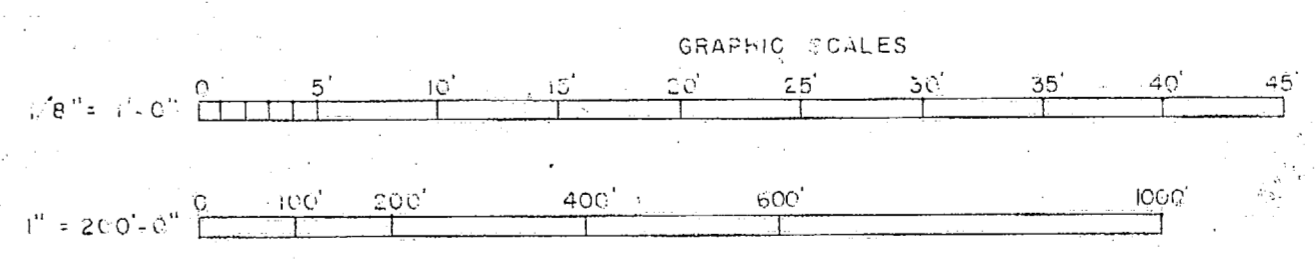
NOTE: AN ALTERNATOR SHALL BE PROVIDED TO AUTOMATICALLY ALTERNATE THE STARTING CYCLES OF FILTER PUMPS NO. 1 & 2. CONTROLLERS TO BE INTERCONNECTED WITH AUTOMATIC FILTER CONTROL VALVE AND DETENTION TANK TELEMETRING FACILITY SO AS TO CAUSE FILTER PUMPS TO BE SHUT OFF DURING PERIODS OF FILTER BACKWASH AND OF LOW WATER IN DETENTION TANK.



SCHEMATIC DIAGRAM SHOWING AUTOMATIC CONTROL OPERATION



FLOOR PLAN SHOWING TELEMETRING CIRCUITRY



REVISION	DATE	APPD.	DESCRIPTION
1			
P.W. DRAWING NO. 12518			MARINE CORPS BA CAMP LEJEUNE, N. C.
			ATLANTIC DIV. BUREAU OF YARDS & DOCKS, N.
			WATER TREATMENT & FACILITIES, WEAPONS TR.
			INSTRUMENTATION & CON.

CATEGORY CODE NO. 84110 & 2000	SATISFACTORY TO	APPROVED FOR BUREAU OF YARDS & DOCKS
	THE COMMANDING GENERAL MARINE CORPS BASE, CAMP LEJEUNE, N.C.	SCALE 3/4" = 1'-0"
DATE 16 July 1963		PUBLIC WORKS OFFICER
SATISFACTORY TO	THE QUARTERMASTER GENERAL OF THE MARINE CORPS	SHEET 19 OF 20



RR PLANT