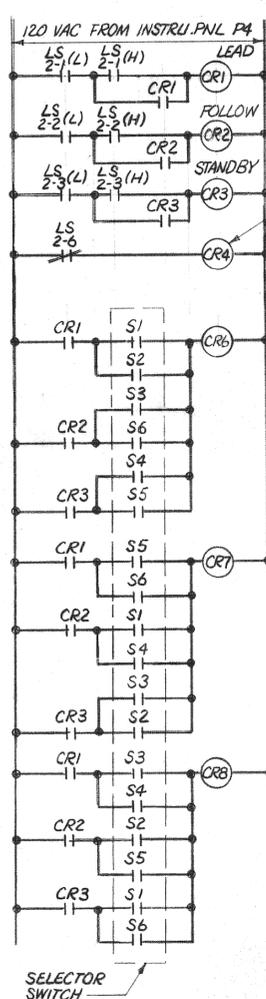


RAW SEWAGE INFLUENT PUMP NO. 1

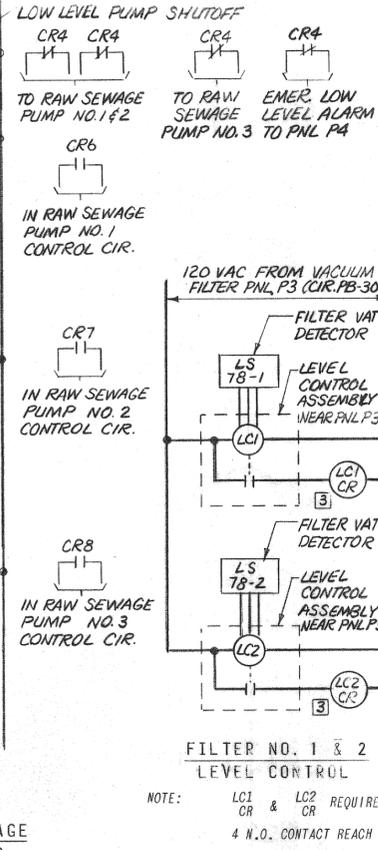
PUMP NO. 2 SIMILAR EXCEPT *CR7
 PUMP NO. 3 SIMILAR EXCEPT *CR8
 (ALL DEVICES IN RAW SEWAGE PUMP MCC EXCEPT AS OTHERWISE SHOWN)

AT=PUMP NO. 1, 2, & 3 OPENS ON POWER FAILURE NORMAL SOURCE. RECLOSES PUMP 1 & 2 ON EMERGENCY WITH T.D. PUMP NO. 3 STAYS OPEN ON EMERGENCY.

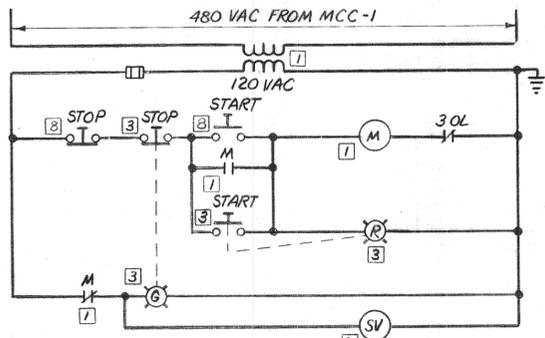


SEQUENCE SELECTOR SWITCH

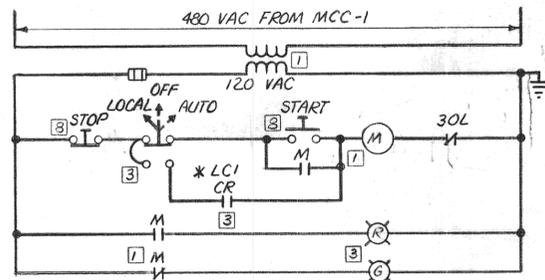
CONT.	1-2-3	2-3	3-2	3-2-1	2-1	1-2-3
S1	X					
S2		X				
S3			X			
S4				X		
S5					X	
S6						X



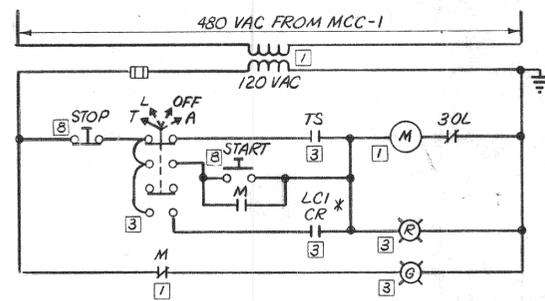
NOTE: LC1 & LC2 REQUIRE 4 N.O. CONTACT REACH



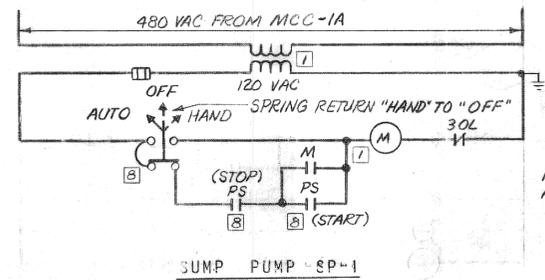
VACUUM FILTER PUMP NO. 1 & NO. 2
 FILTRATE PUMP NO. 1 & NO. 2 (OMIT SV)
 AGITATOR DRIVE NO. 1 & NO. 2 (OMIT SV)



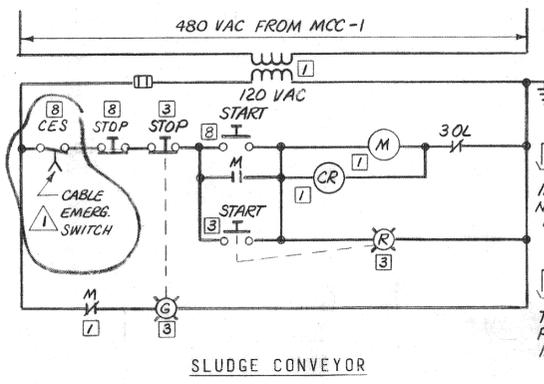
FERRIC CHLORIDE PUMP NO. 1
 NO. 2 SIMILAR EXCEPT *LC2 CR



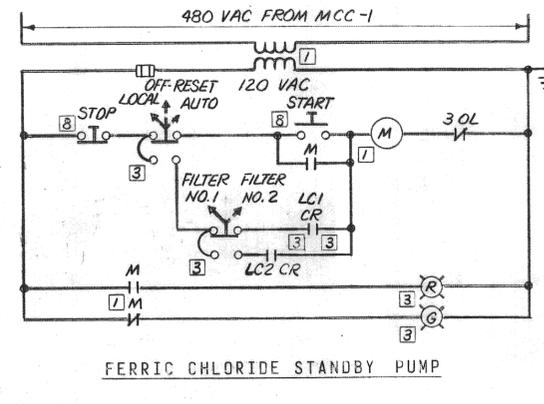
LIME SLURRY PUMP NO. 1
 PUMP NO. 2 SIMILAR EXCEPT *LC2 CR



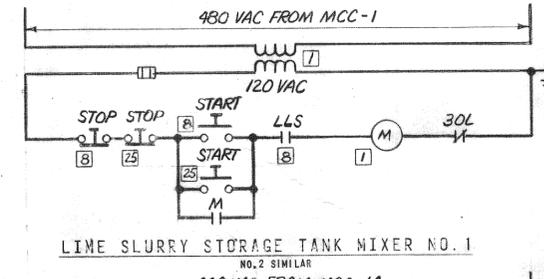
SUMP PUMP SP-1



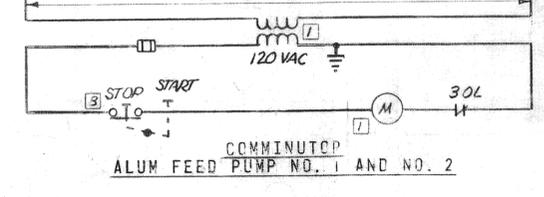
SLUDGE CONVEYOR



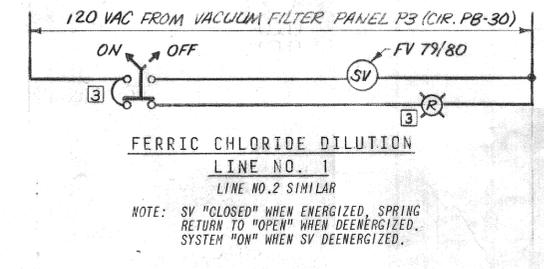
FERRIC CHLORIDE STANDBY PUMP



LIME SLURRY STORAGE TANK MIXER NO. 1
 NO. 2 SIMILAR

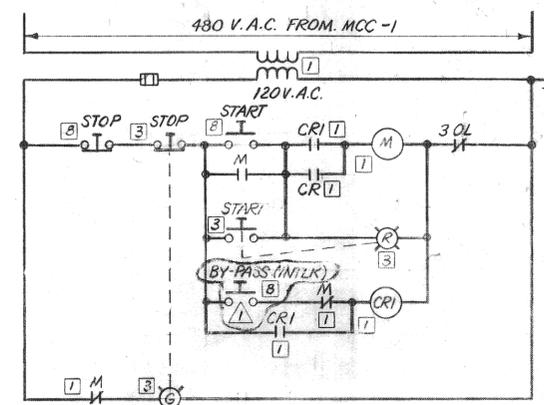


ALUM FEED PUMP NO. 1 AND NO. 2

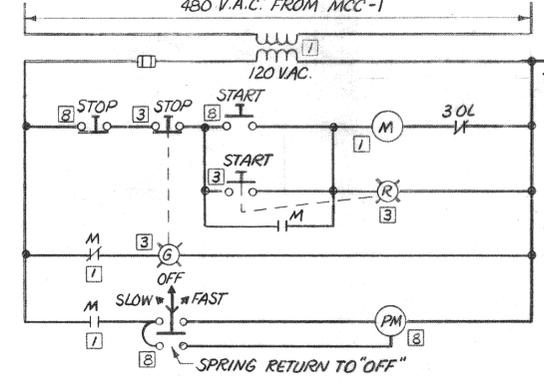


FERRIC CHLORIDE DILUTION LINE NO. 1
 LINE NO. 2 SIMILAR

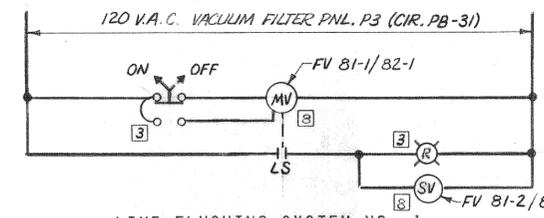
NOTE: SV "CLOSED" WHEN ENERGIZED, SPRING RETURN TO "OPEN" WHEN DEENERGIZED. SYSTEM "ON" WHEN SV DEENERGIZED.



DRUM DRIVE NO. 1
 NO. 2 SIMILAR



SLUDGE CONDITIONING TANK MIXER NO. 2 SIMILAR



LIME FLUSHING SYSTEM NO. 1
 NO. 2 SIMILAR

NOTE: SEL. SW. IN "ON" POSITION CLOSES VALVE, OPEN SV, ENERGIZES LT.

- LEGEND**
- 1 LOCATED AT MCC
 - 2 LOCATED AT VACUUM FILTER PANEL P3
 - 3 CONTROL PANEL LOCATED NEAR PUMPS
 - 4 LOCATED AT OR NEAR MOTOR
 - 16 LOCATED AT RAW SEWAGE PANEL P4
 - 17 LOCATED AT AUTO TRANSFER SWITCH IN MCC-1A
 - 18 LOCATED NEAR PUMP
 - 24 LOCATED IN MOTOR ROOM BY HVAC
 - 25 LOCATED IN LINE STORAGE ROOM
- NOTES:**
1. ALL MOTOR STARTER CONTROL TRANSFORMERS SHALL BE SIZED TO PROVIDE SUFFICIENT VOLT-AMPERE CAPACITY FOR OPERATING ALL ELECTRICAL DEVICES ON THE SECONDARY SIDE OF THE TRANSFORMER CIRCUIT, IN ADDITION TO THE STARTER COIL, SUCH AS RELAYS, TIMERS, MOTOR HEATERS, PRESSURE SWITCHES, ETC.
 2. FOR SYMBOLS AND GENERAL NOTES SEE SHEET E-1.
 3. FOR SINGLE LINE DIAGRAMS SEE SHEET E-3 AND E-4.

RECORD DRAWING

DRAWN BY <i>D. Walker</i>		MICHAEL EUGENE GRILLI No. 3629 REGISTERED PROFESSIONAL ENGINEER		M&E METCALF & EDDY, INC. / ENGINEERS BOSTON / NEW YORK / PALO ALTO / CHICAGO		SCALE: NONE		TOWN OF BURRILLVILLE, RHODE ISLAND BOARD OF SEWER COMMISSIONERS		JOB: 4868	
DEPT. CHECK <i>G.F. Benedetto</i>		No. 3629		David W. Paulson REG. PROF. ENGR. MISS. NO. 1107 Michael E. Grilli REG. PROF. ENGR. No. 3629		DATE 6/27/77		WASTEWATER TREATMENT FACILITIES		FILE NO. H-69957-1	
PROJ. CHECK <i>R.J. Marshall</i>		REGISTERED PROFESSIONAL ENGINEER		DATE 6-27-77		UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION		SCHEMATIC WIRING DIAGRAMS I		SHEET E-5	
REVISIONS		DESCRIPTION		DATE		ELECTRICAL					