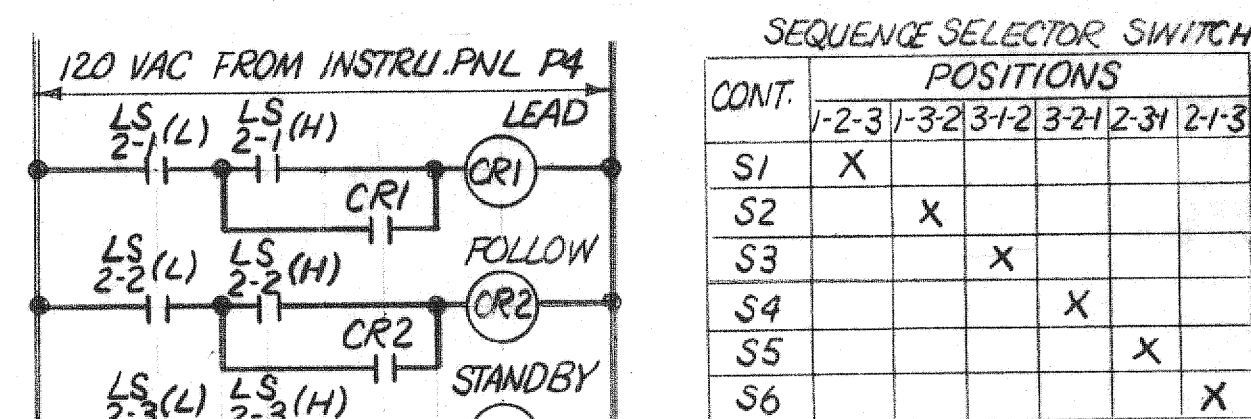


RAW SEWAGE INFLUENT PUMP NO. 1

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.O. PUMP NO. 3 STAYS OPEN ON EMERGENCY.

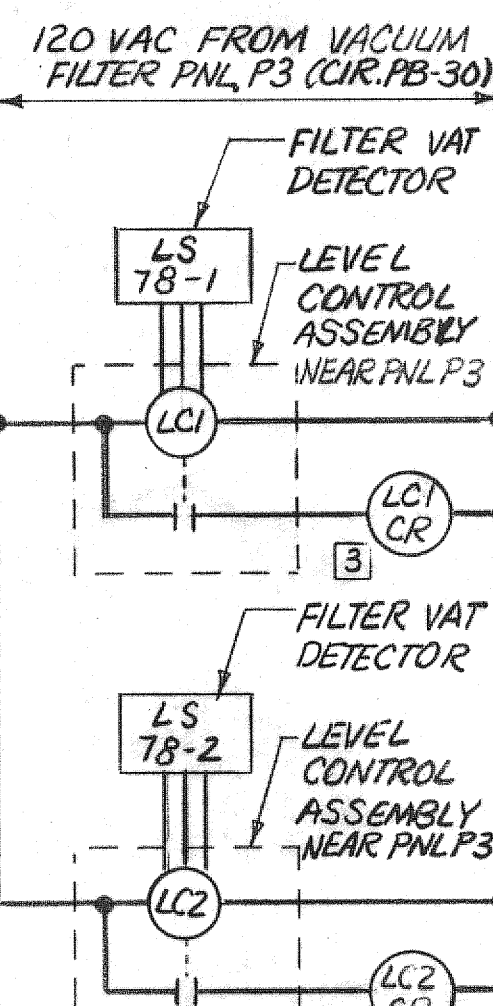


LOW LEVEL PUMP SHUTOFF  
CR4 CR4  
TO RAW SEWAGE PUMP NO. 1 & 2  
TO RAW SEWAGE PUMP NO. 3  
EMER. LOW LEVEL ALARM TO PNL P4

IN RAW SEWAGE PUMP NO. 1 CONTROL CIR.

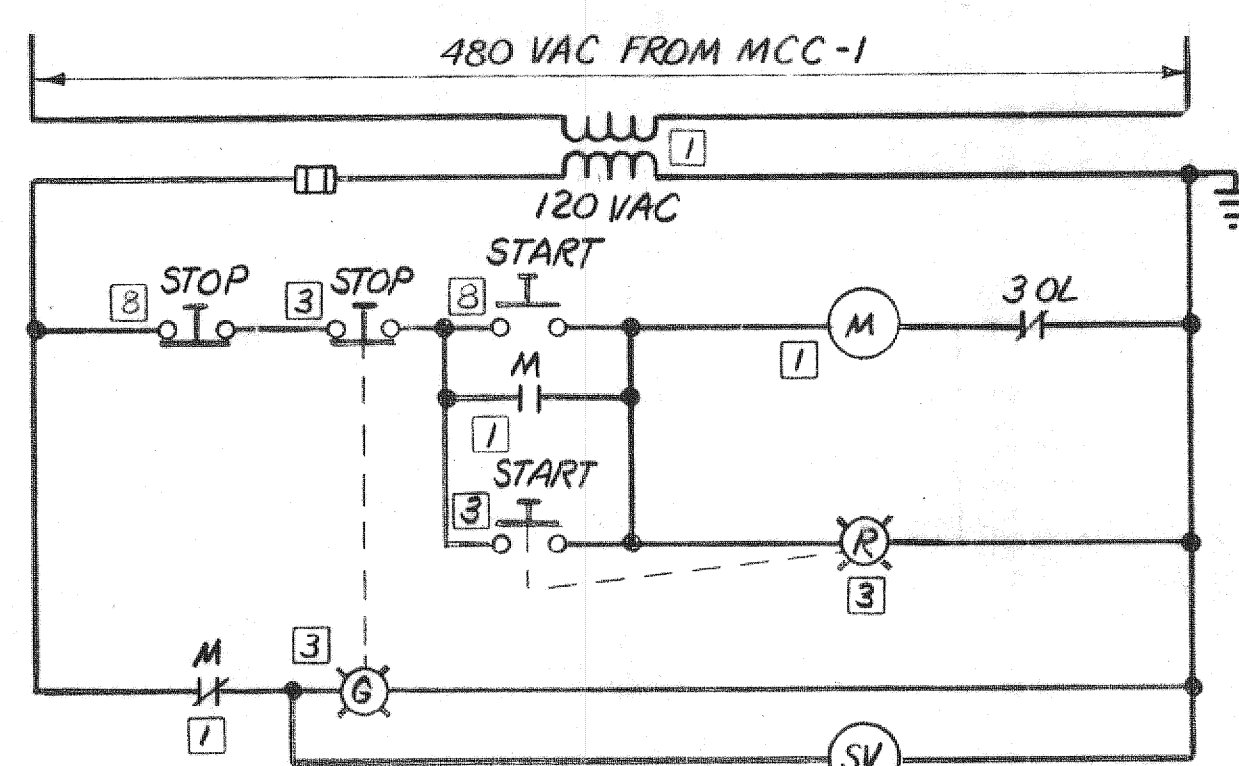
IN RAW SEWAGE PUMP NO. 2 CONTROL CIR.

IN RAW SEWAGE PUMP NO. 3 CONTROL CIR.

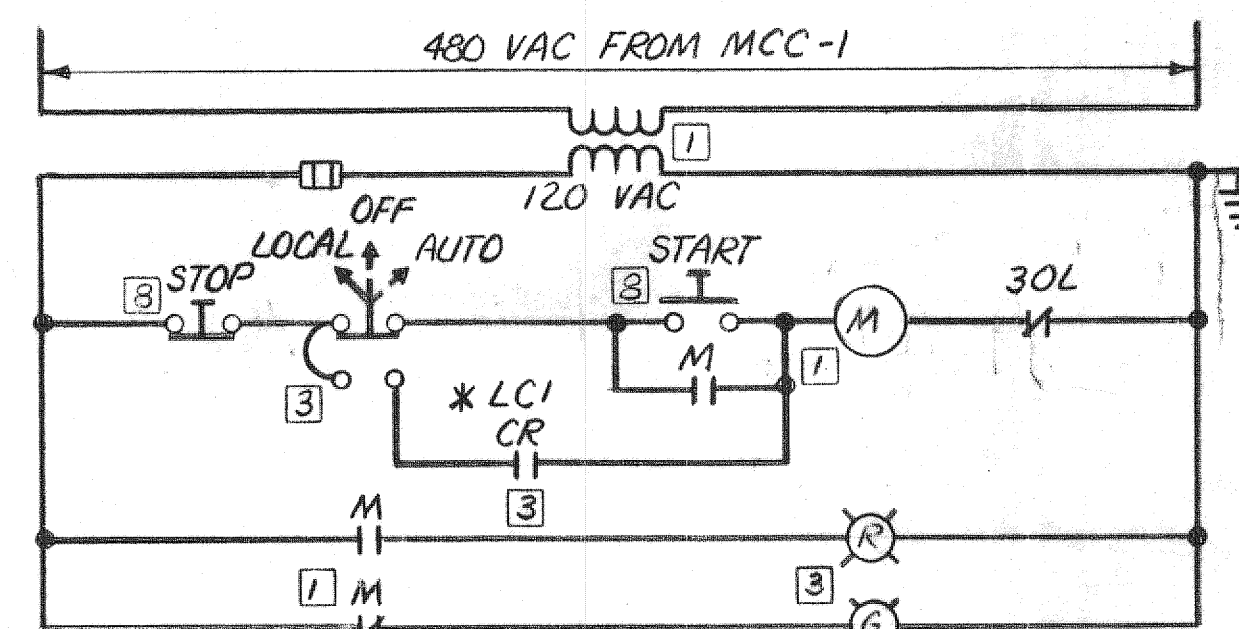


NOTE: LC1 & LC2 REQUIRE 4 N.O. CONTACT REACH

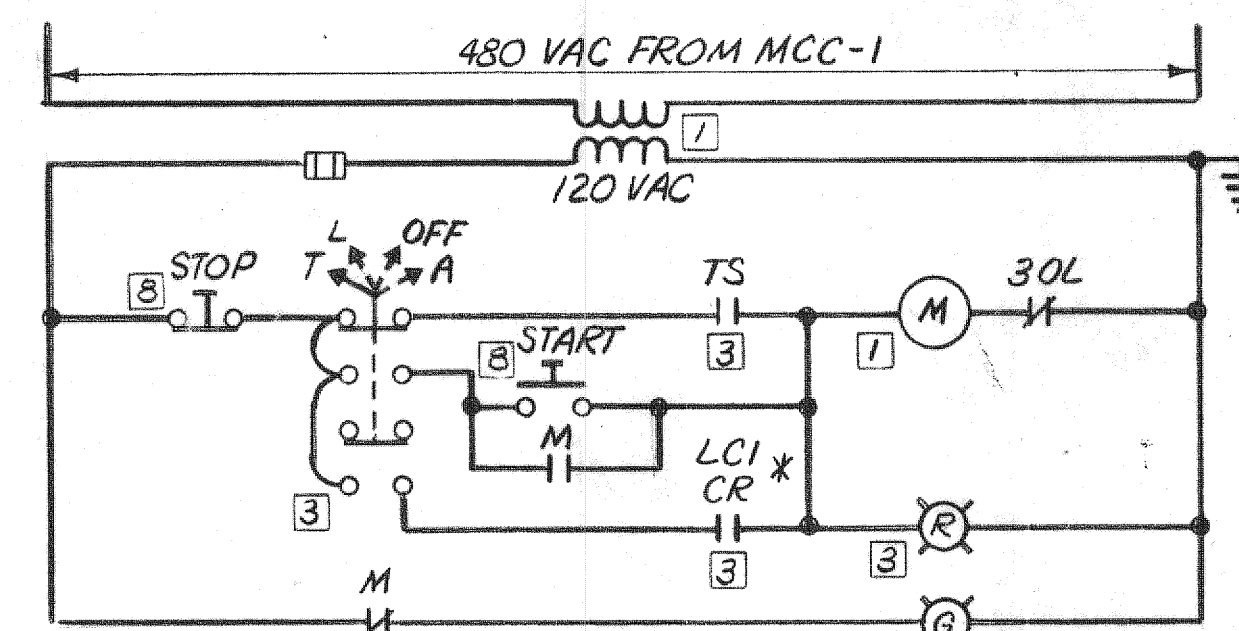
CONTROL SCHEMATIC RAW SEWAGE PUMP NO. 1, NO. 2 & NO. 3  
(ALL ITEMS LOCATED IN RAW SEWAGE PNL. P4)



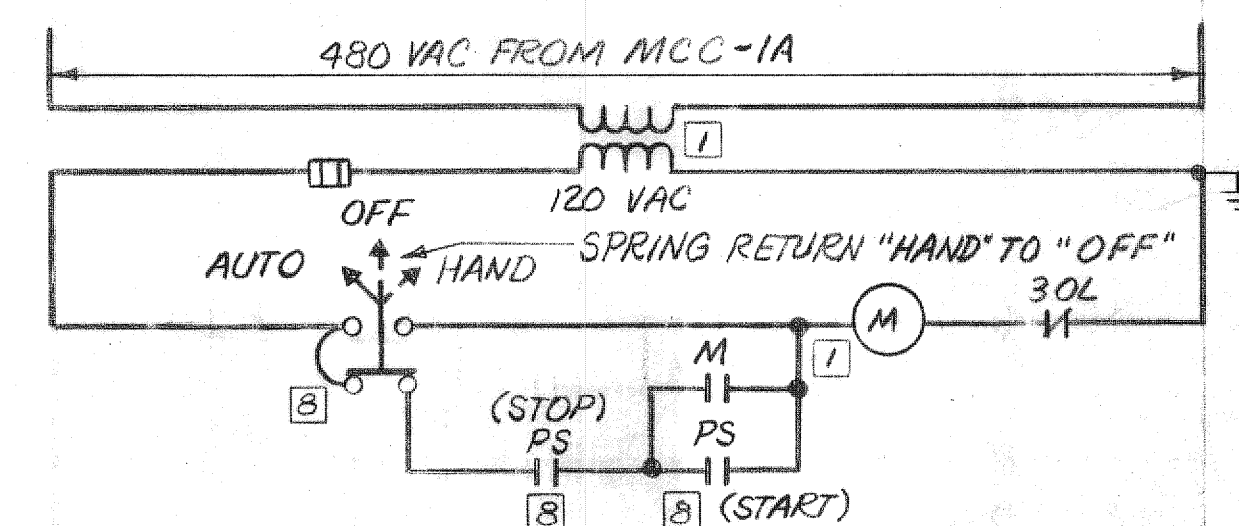
VACUUM FILTER PUMP NO. 1 & NO. 2  
FILTRATE PUMP NO. 1 & NO. 2 (OMIT SV)  
AGITATOR DRIVE NO. 1 & NO. 2 (OMIT SV)



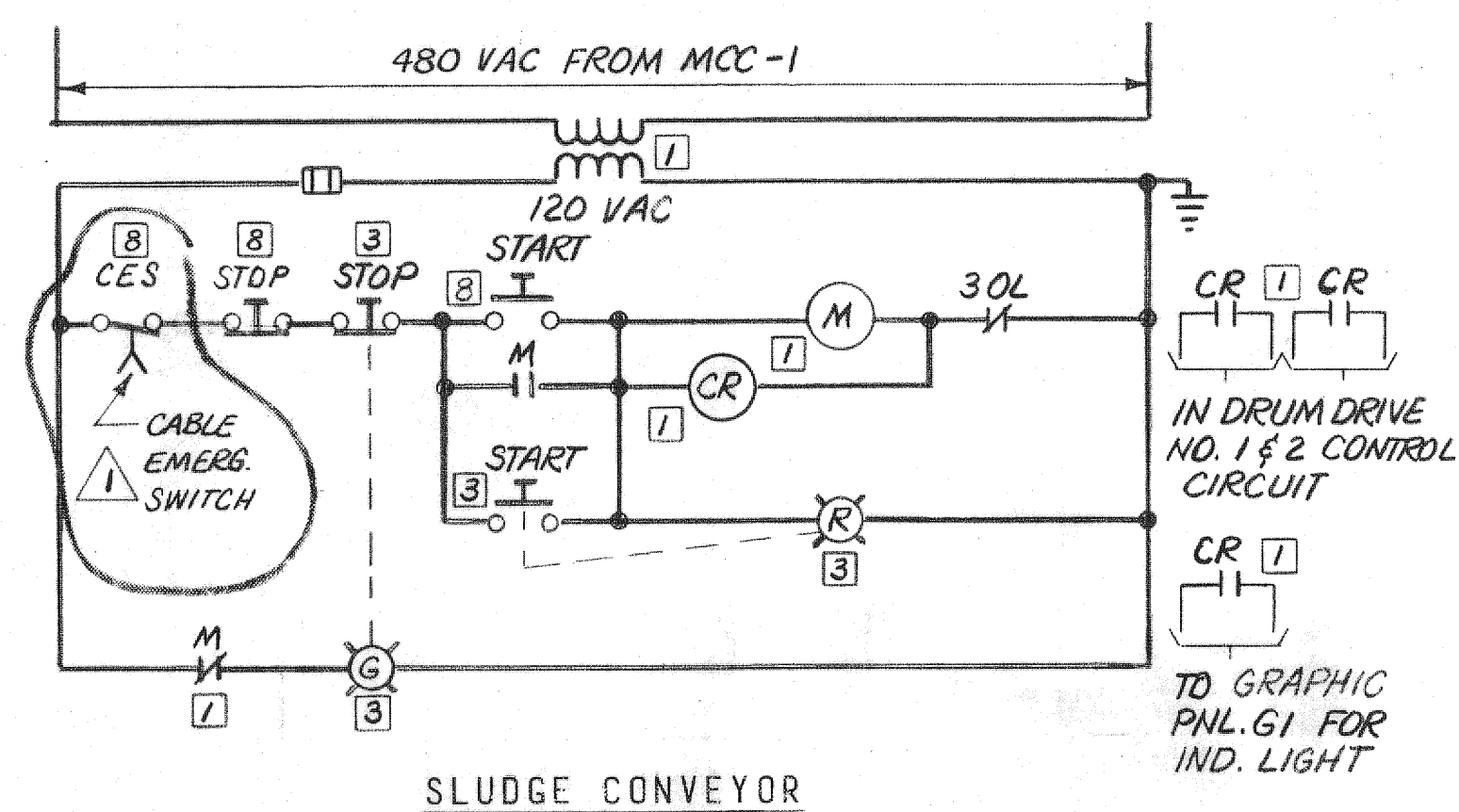
FERRIC CHLORIDE PUMP NO. 1  
NO. 2 SIMILAR EXCEPT \*LC2 CR



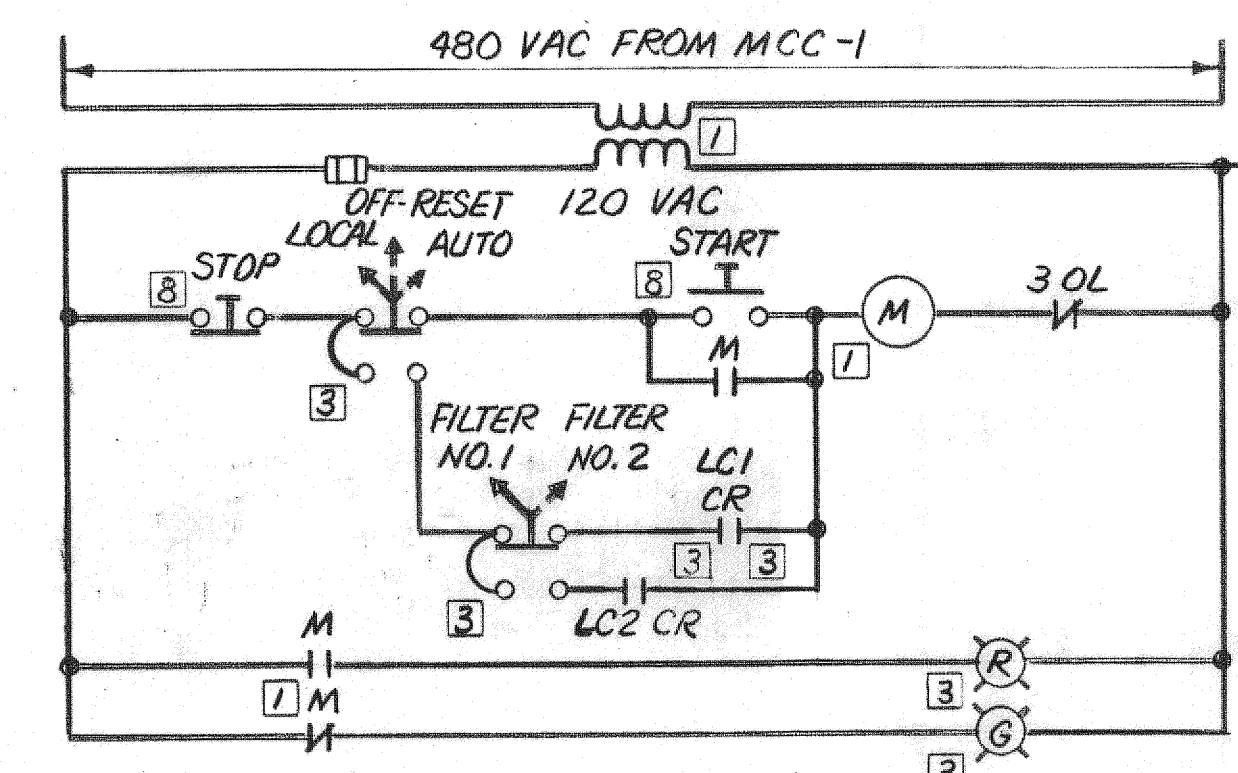
LIME SLURRY PUMP NO. 1  
PUMP NO. 2 SIMILAR EXCEPT \*LC2 CR



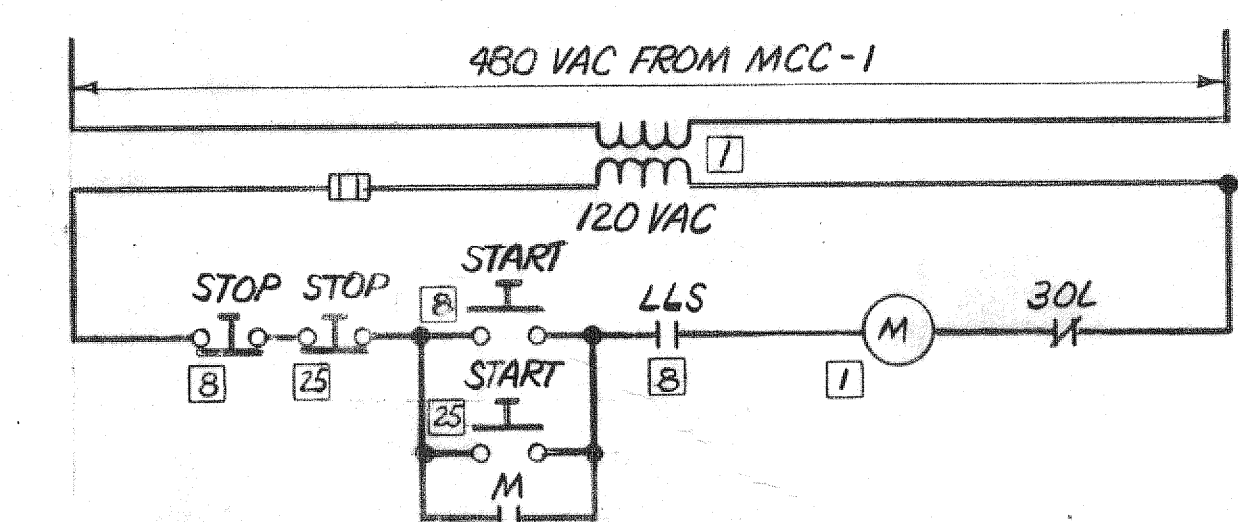
SUMP PUMP SP-1



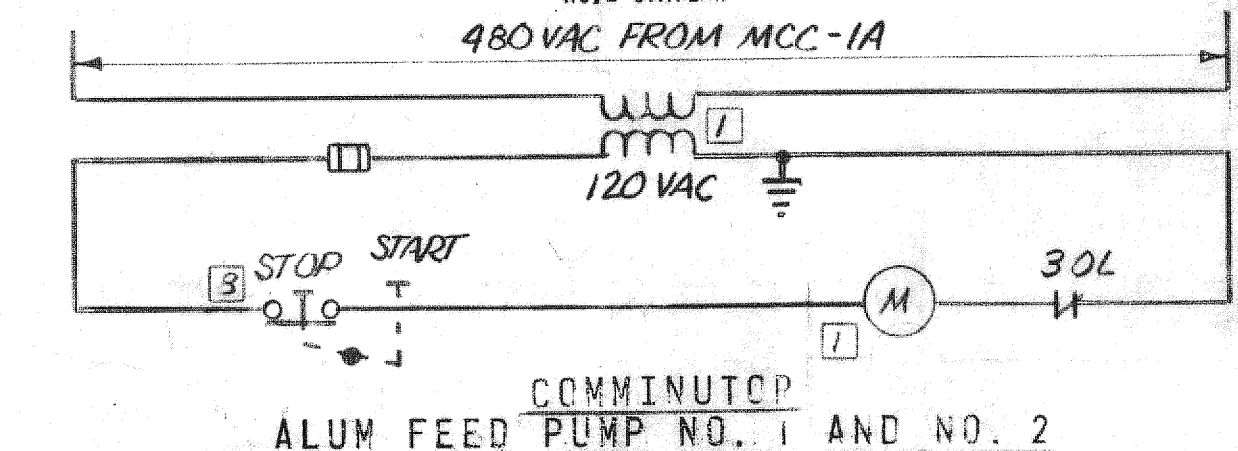
SLUDGE CONVEYOR



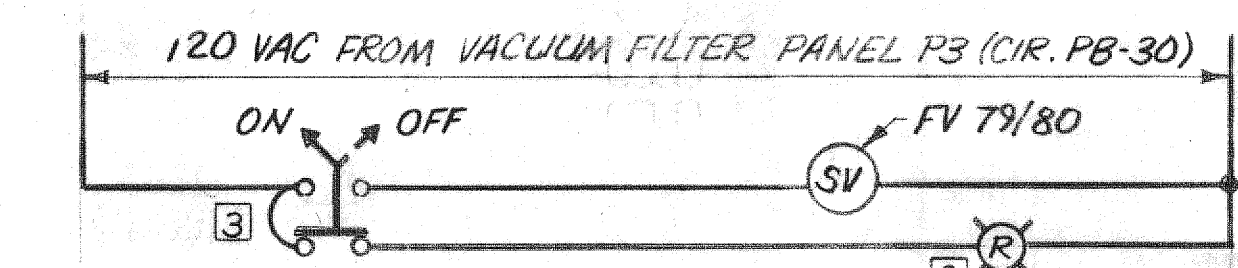
FERRIC CHLORIDE STANDBY PUMP



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

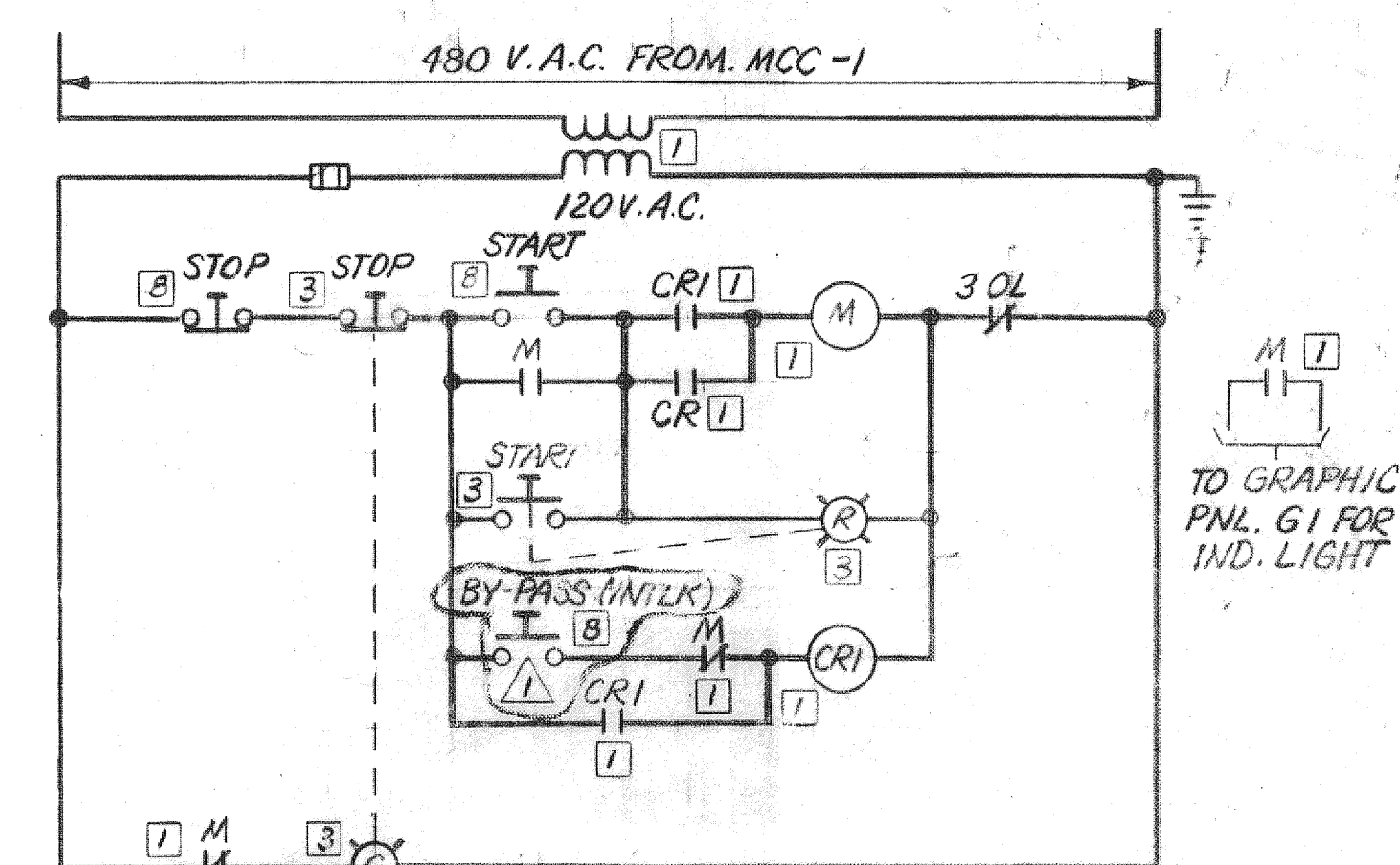


ALUM FEED PUMP NO. 1 AND NO. 2

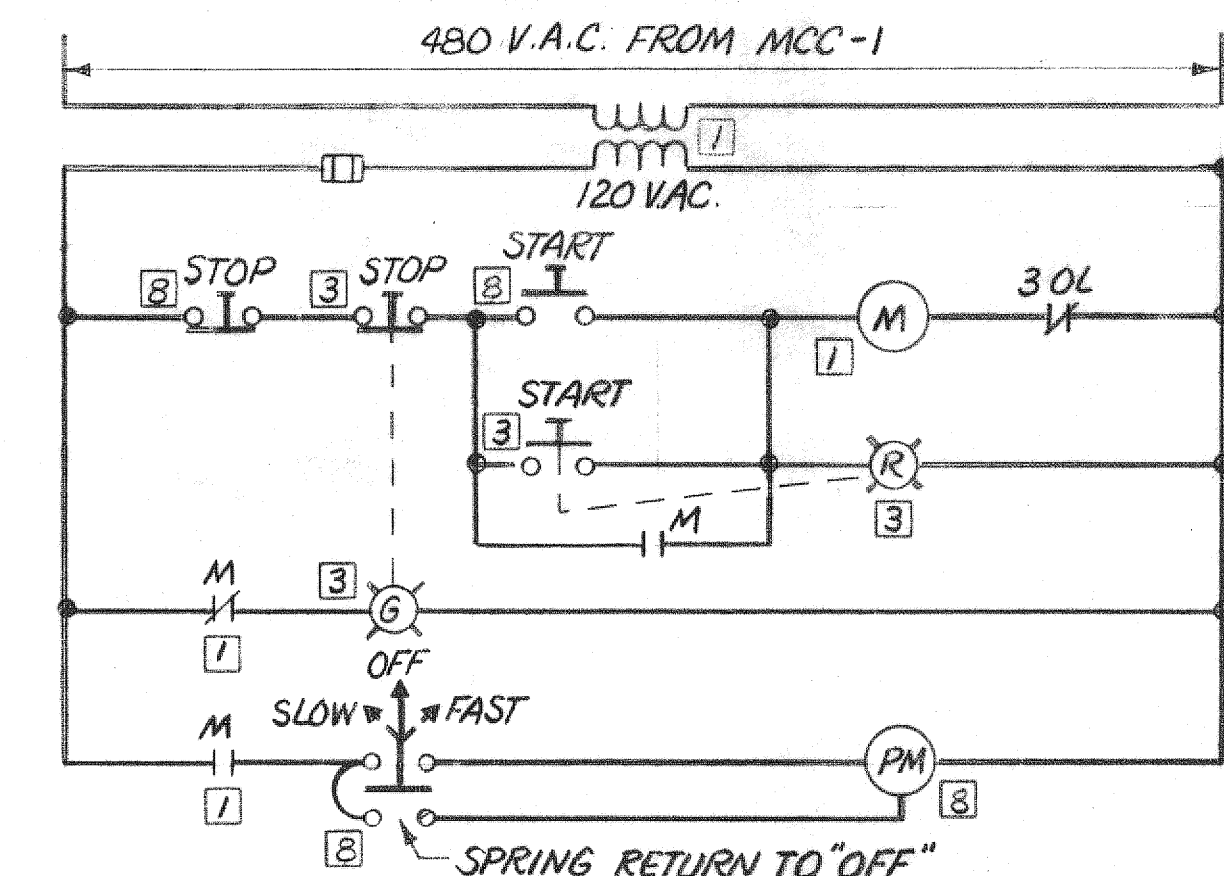


FERRIC CHLORIDE DILUTION LINE NO. 1  
LINE NO. 2 SIMILAR

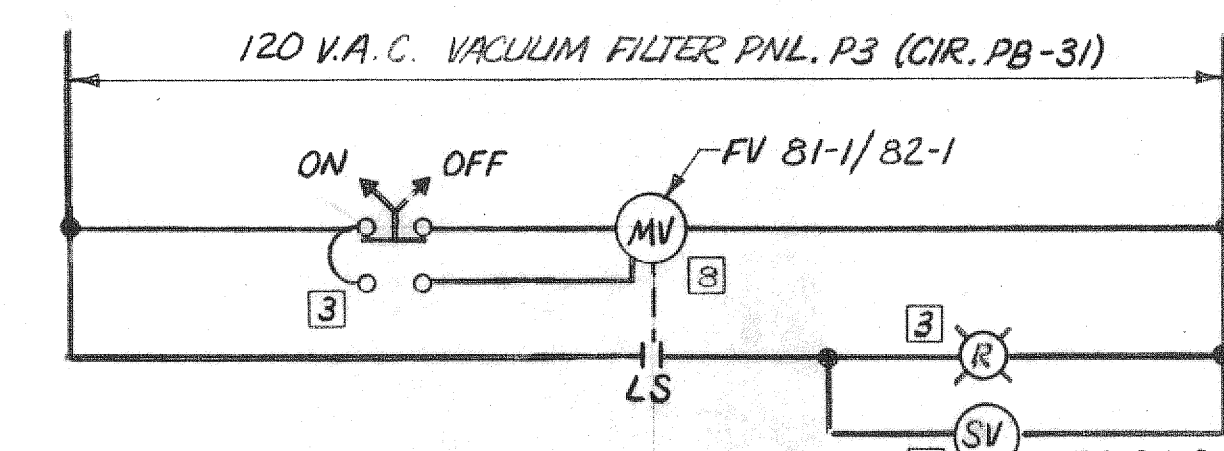
NOTE: SV "CLOSED" WHEN ENERGIZED, SPRING RETURN TO "OPEN" WHEN DEENERGIZED. SYSTEM "ON" WHEN SV DEENERGIZED.



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 CLOSSES VALVE, OPEN SV, ENERGIZES LT.

LEGEND

- 1 LOCATED AT MCC
- 2 LOCATED AT VACUUM FILTER PNL P3
- 3 CONTROL PANEL LOCATED NEAR PUMPS
- 4 LOCATED AT OR NEAR MOTOR
- 16 LOCATED AT RAW SEWAGE PNL P4
- 17 LOCATED AT AUTO TRANSFER SWITCH IN MCC-1A
- 18 LOCATED NEAR PUMP
- 24 LOCATED IN MOTOR ROOM BY HVAC
- 25 LOCATED IN LIME STORAGE ROOM

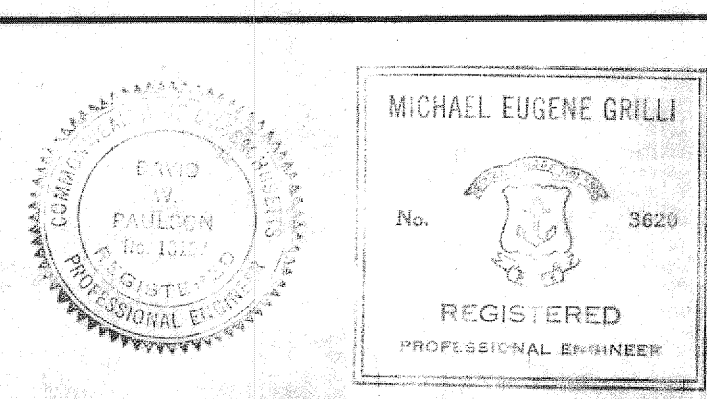
NOTES:

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

12/1/97	D. WACKER	9/7/97	GENERAL REVISIONS TO SLUDGE CONVEYOR & DRUM DRIVE
12/1/97	D. WACKER	9/7/97	GENERAL REVISIONS TO SLUDGE CONVEYOR & DRUM DRIVE
12/1/97	D. WACKER	9/7/97	GENERAL REVISIONS TO SLUDGE CONVEYOR & DRUM DRIVE
12/1/97	D. WACKER	9/7/97	GENERAL REVISIONS TO SLUDGE CONVEYOR & DRUM DRIVE
12/1/97	D. WACKER	9/7/97	GENERAL REVISIONS TO SLUDGE CONVEYOR & DRUM DRIVE
12/1/97	D. WACKER	9/7/97	GENERAL REVISIONS TO SLUDGE CONVEYOR & DRUM DRIVE
12/1/97	D. WACKER	9/7/97	GENERAL REVISIONS TO SLUDGE CONVEYOR & DRUM DRIVE
12/1/97	D. WACKER	9/7/97	GENERAL REVISIONS TO SLUDGE CONVEYOR & DRUM DRIVE
12/1/97	D. WACKER	9/7/97	GENERAL REVISIONS TO SLUDGE CONVEYOR & DRUM DRIVE
12/1/97	D. WACKER	9/7/97	GENERAL REVISIONS TO SLUDGE CONVEYOR & DRUM DRIVE

DRAWN BY: D. WACKER  
DEPT. CHECK: 9/7/97  
PROJ. CHECK: 9/7/97



METCALF & EDDY, INC. / ENGINEERS  
BOSTON / NEW YORK / PALO ALTO / CHICAGO  
REG. PROF. ENGR. NO. 1107  
REG. PROF. ENGR. NO. 3620

SCALE: NONE  
DATE: 6/17/77  
DATE: 6-27-77

TOWN OF BURRILLVILLE, RHODE ISLAND  
BOARD OF SEWER COMMISSIONERS  
WASTEWATER TREATMENT FACILITIES  
SCHEMATIC WIRING DIAGRAMS I  
ELECTRICAL  
JOB: 4868  
FILE NO.: H-69957-1  
SHEET: E-5