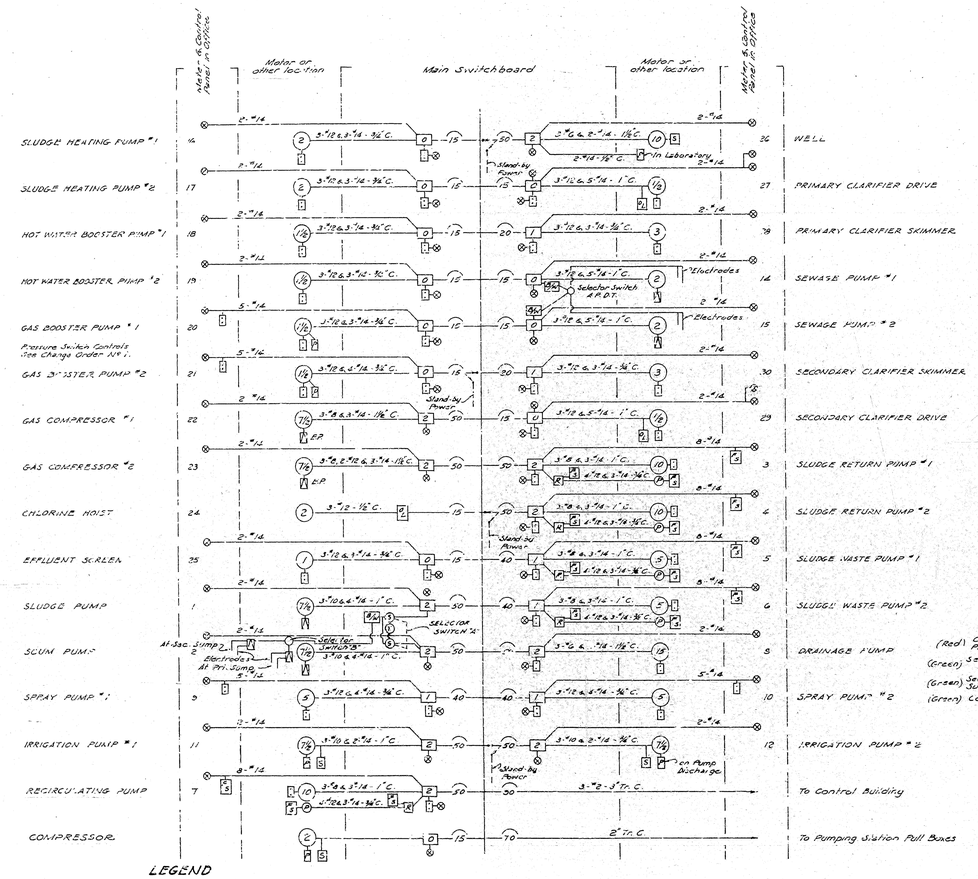
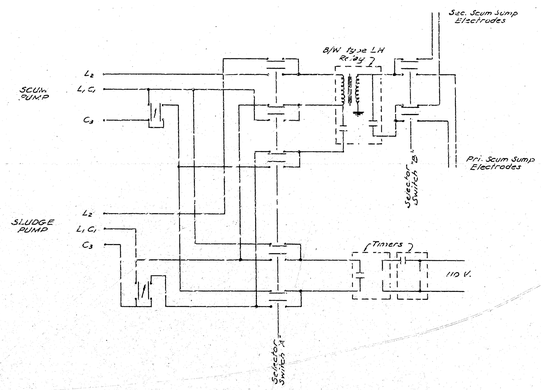
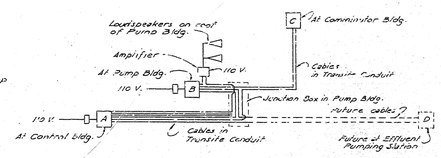


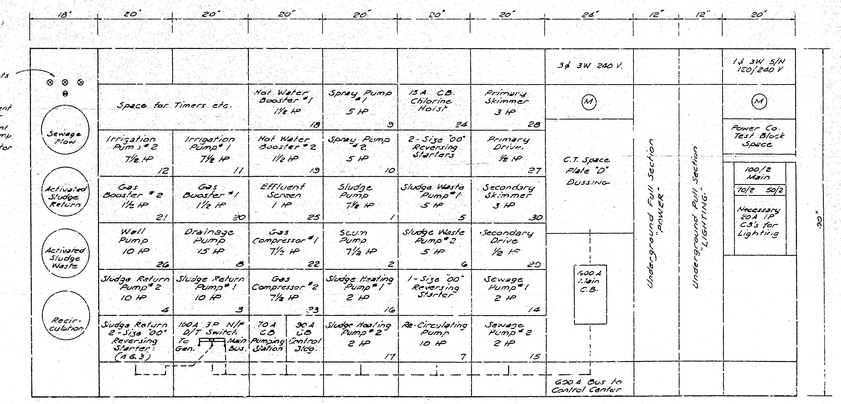
SCHEMATIC DIAGRAM
ELECTRIC POWER & MOTOR CONTROLS
MAIN SWITCHBOARD



WIRING DIAGRAM
SCUM & SLUDGE PUMP CONTROLS



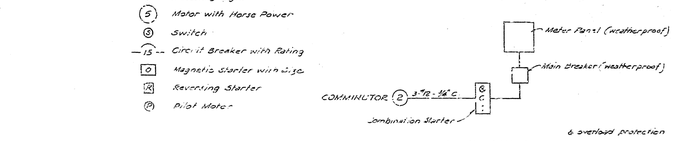
SCHEMATIC DIAGRAM
INTER-COM. (P.A.) SYSTEM



MAIN SWITCHBOARD

LEGEND

- Lock-out Stop
- Start-Stop Push Button
- Fast-Slow Push Button
- H.O.A. Hand-Off-Automatic Switch
- Bender-Warrick Relay
- Timer
- Pressure Switch
- Overload Protection
- E.P. Explosion-proof Equipment
- Indicating Light
- Motor with Horse Power
- Switch
- Circuit Breaker with Rating
- Magnetic Starter with size
- Reversing Starter
- Pilot Motor

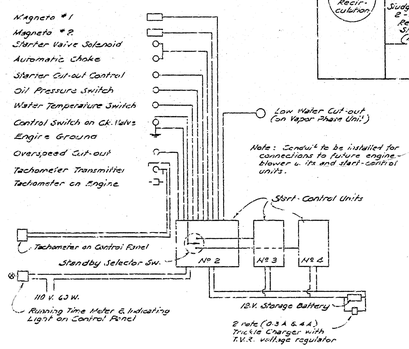


SCHEMATIC DIAGRAM
COMMINUTOR BUILDING MOTOR CONTROLS

SCHEMATIC DIAGRAM
ELECTRIC POWER & MOTOR CONTROLS
MAIN SWITCHBOARD

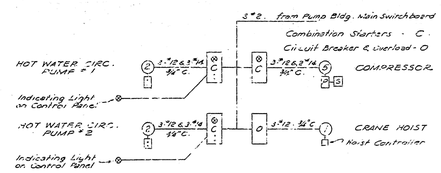
NOTE: Provide 2 normally closed interlocks on Sludge Pump starter (1) and Scum Pump starter (2) to cut out Gas Compressors (2 & 23) when either pump is operating.

Provide 1 normally closed interlock on each Gas Compressor, series connected, to energize solenoid valve on Digester diffusor lines.



Note: Conduit to be installed for connections to future engine-blower u. its and start-control units.

SCHEMATIC DIAGRAM
TYPICAL WIRING - ENGINE START CONTROL No 2
- OTHERS SIMILAR -



SCHEMATIC DIAGRAM
CONTROL BUILDING MOTOR CONTROLS

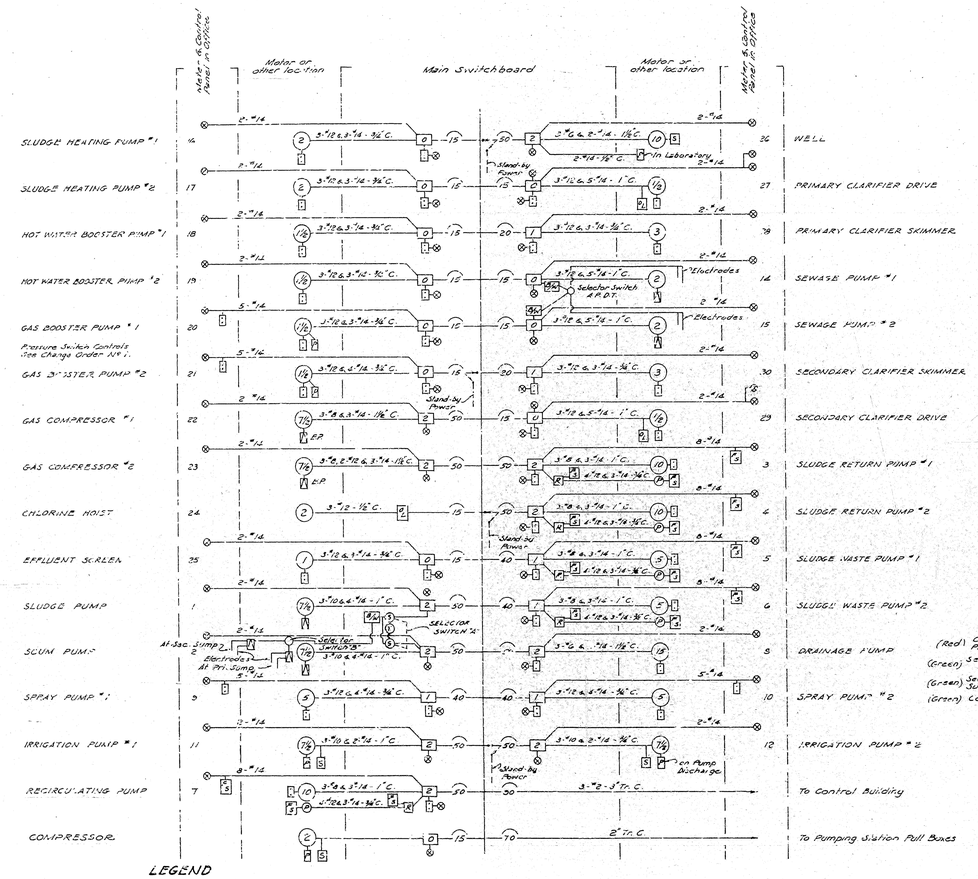
REVISED "AS BUILT"

SEWAGE TREATMENT WORKS
SAN BERNARDINO
CALIFORNIA
1958

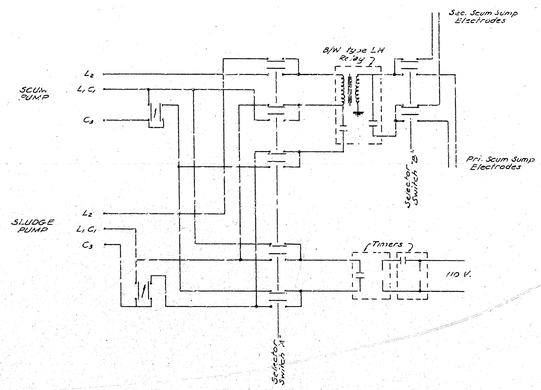
CURRIE ENGINEERING COMPANY
CONSULTING ENGINEERS

ELECTRICAL SCHEMATIC DIAGRAMS

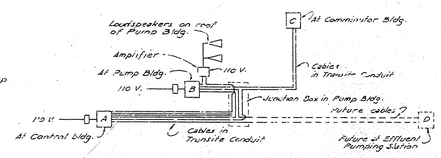
27



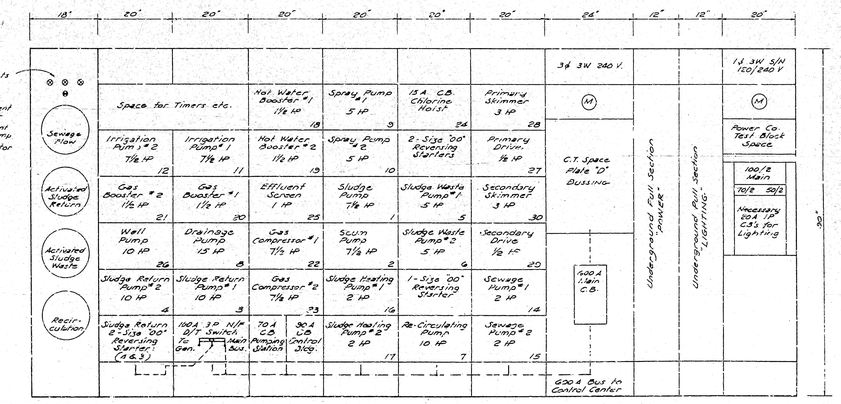
SCHEMATIC DIAGRAM
ELECTRIC POWER & MOTOR CONTROLS
MAIN SWITCHBOARD



WIRING DIAGRAM
SCUM & SLUDGE PUMP CONTROLS



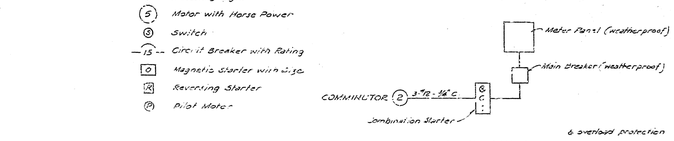
SCHEMATIC DIAGRAM
INTER-COM. (P.A.) SYSTEM



MAIN SWITCHBOARD

LEGEND

- Lock-out Stop
- Start-Stop Push Button
- Fast-Slow Push Button
- H.O.A. Hand-Off-Automatic Switch
- Bender-Warrick Relay
- Timer
- Pressure Switch
- Overload Protection
- E.P. Explosion-proof Equipment
- Indicating Light
- Motor with Horse Power
- Switch
- Circuit Breaker with Rating
- Magnetic Starter with size
- Reversing Starter
- Pilot Motor

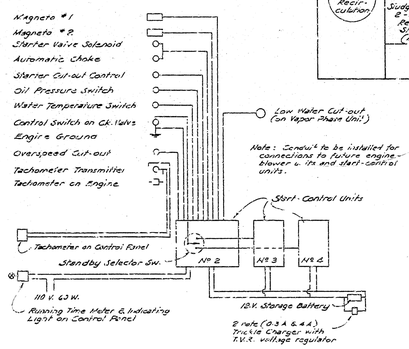


SCHEMATIC DIAGRAM
COMMINUTOR BUILDING MOTOR CONTROLS

SCHEMATIC DIAGRAM
ELECTRIC POWER & MOTOR CONTROLS
MAIN SWITCHBOARD

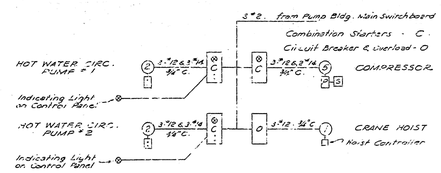
NOTE: Provide 2 normally closed interlocks on Sludge Pump starter (1) and Scum Pump starter (2) to cut out Gas Compressors (2 & 23) when either pump is operating.

Provide 1 normally closed interlock on each Gas Compressor, series connected, to energize solenoid valve on Digester diffusor lines.



Note: Conduit to be installed for connections to future engine-blower u. its and start-control units.

SCHEMATIC DIAGRAM
TYPICAL WIRING - ENGINE START CONTROL No 2
- OTHERS SIMILAR -



SCHEMATIC DIAGRAM
CONTROL BUILDING MOTOR CONTROLS

REVISED "AS BUILT"

SEWAGE TREATMENT WORKS
SAN BERNARDINO
CALIFORNIA
1958

CURRIE ENGINEERING COMPANY
CONSULTING ENGINEERS

ELECTRICAL SCHEMATIC DIAGRAMS

27