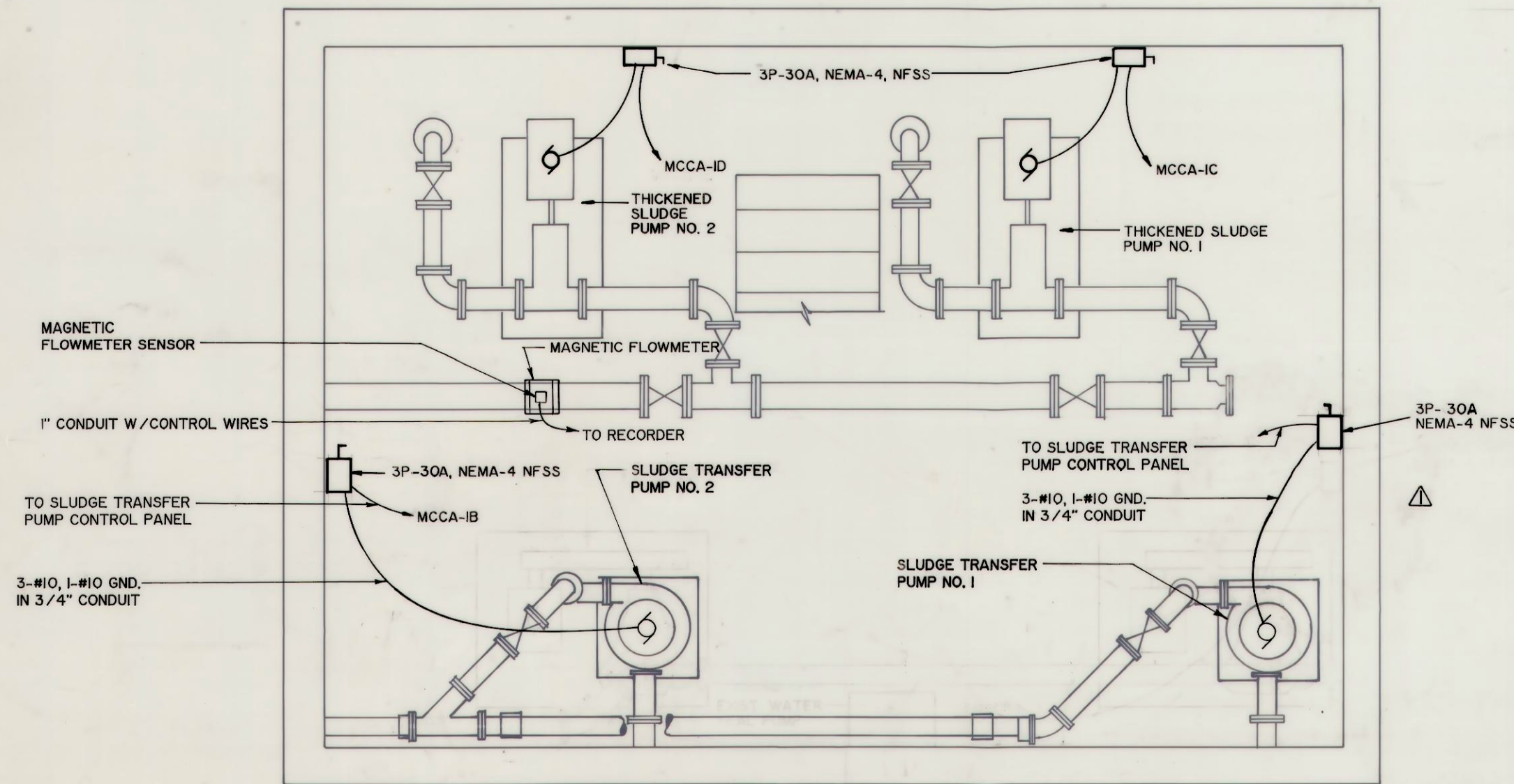
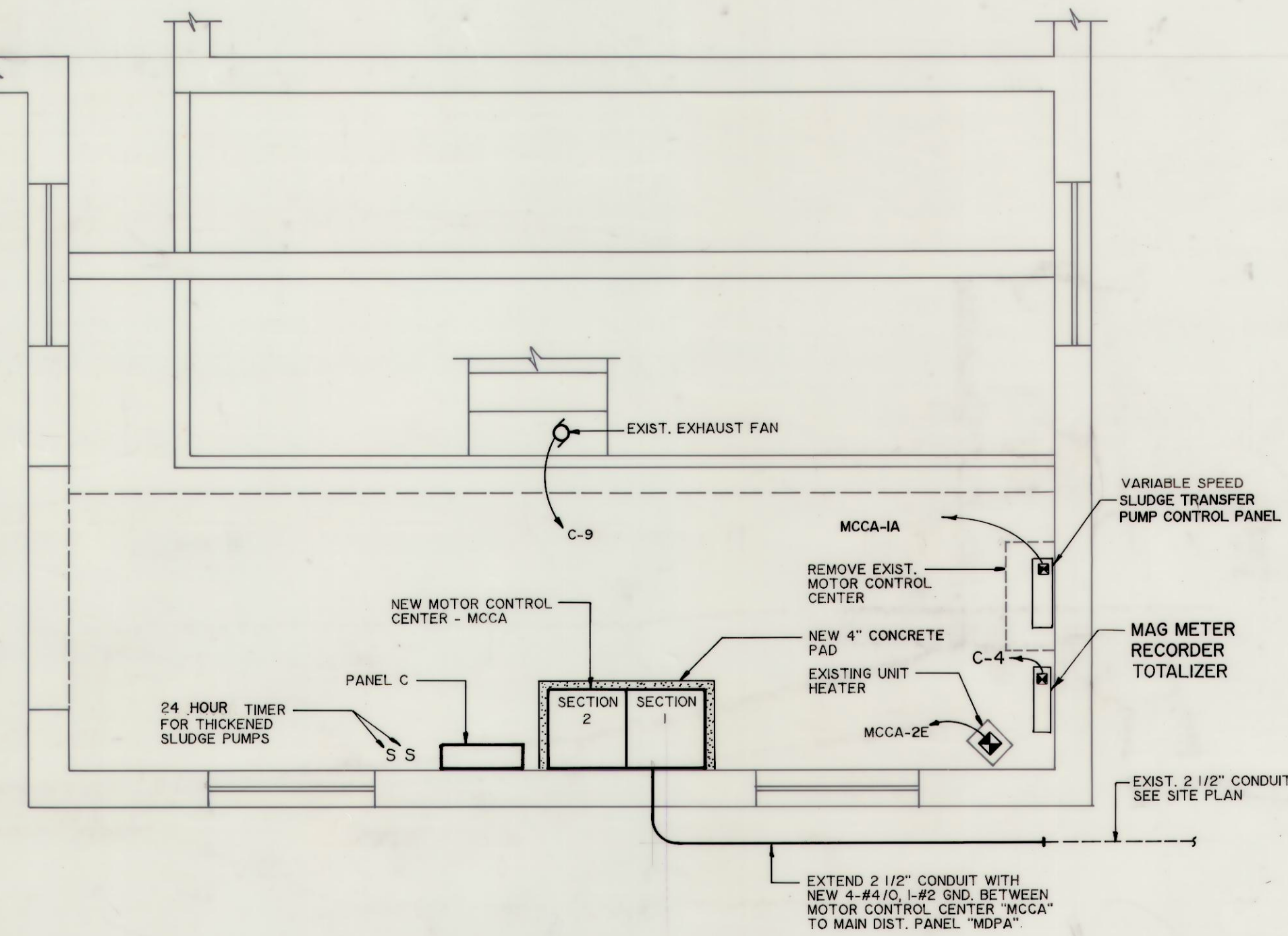


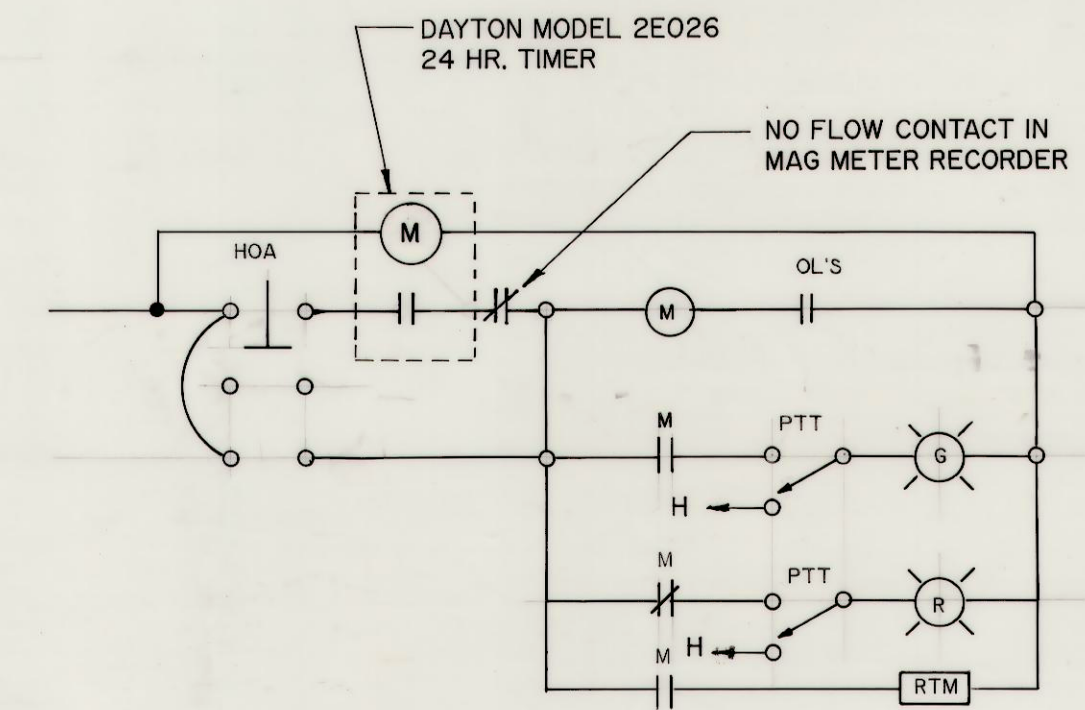


LOWER LEVEL ELECTRICAL PLAN
SCALE: 3/8" = 1'-0"

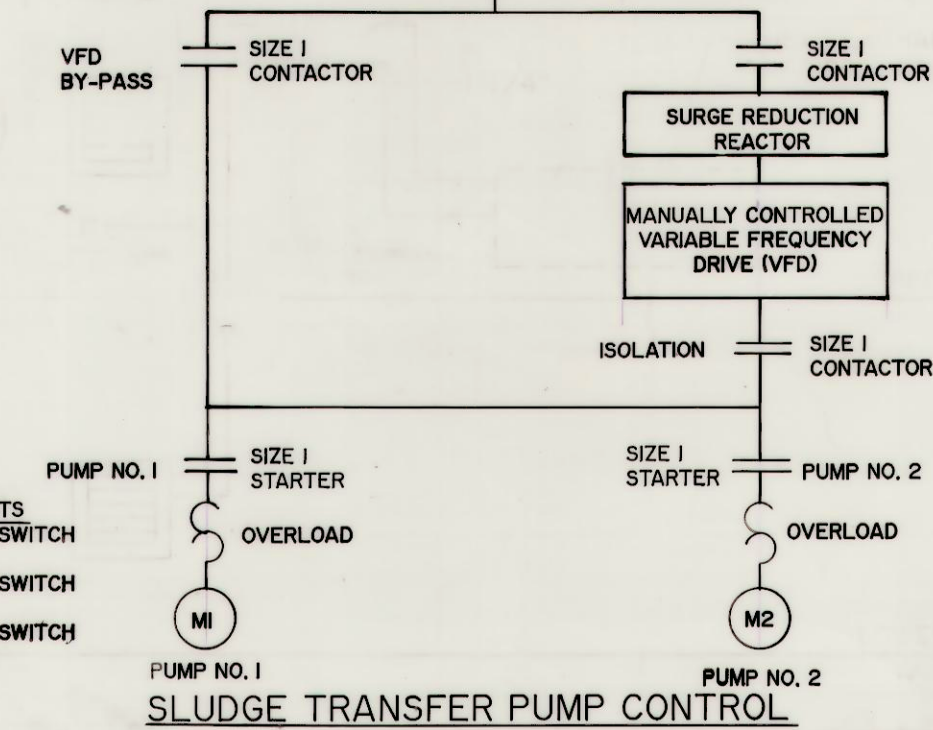
- ELECTRICAL NOTES**
- 1) CIRCUIT FOR EXIST. INDOOR LIGHTS #C-1
 - 2) CIRCUIT FOR EXIST. OUTDOOR LIGHTS #C-2
 - 3) CIRCUIT FOR EXIST. RECEPT. #C-3
 - 4) VERIFY BREAKER SIZE FOR EXIST. EXHAUST FAN AND EXIST. UNIT HEATER
 - 5) CIRCUIT FOR NEW SLUDGE THICKENER DR. #1 MCCA-2C
 - 6) CIRCUIT FOR EXIST. SLUDGE THICKENER DR. #2 MCCA-2D
 - 7) EXIST. LIGHTS, RECEPTS, EXHAUST FAN, UNIT HTR, WATER SEAL PUMP, RAW SLUDGE PUMPS TO REMAIN WITH NEW CIRCUITS.



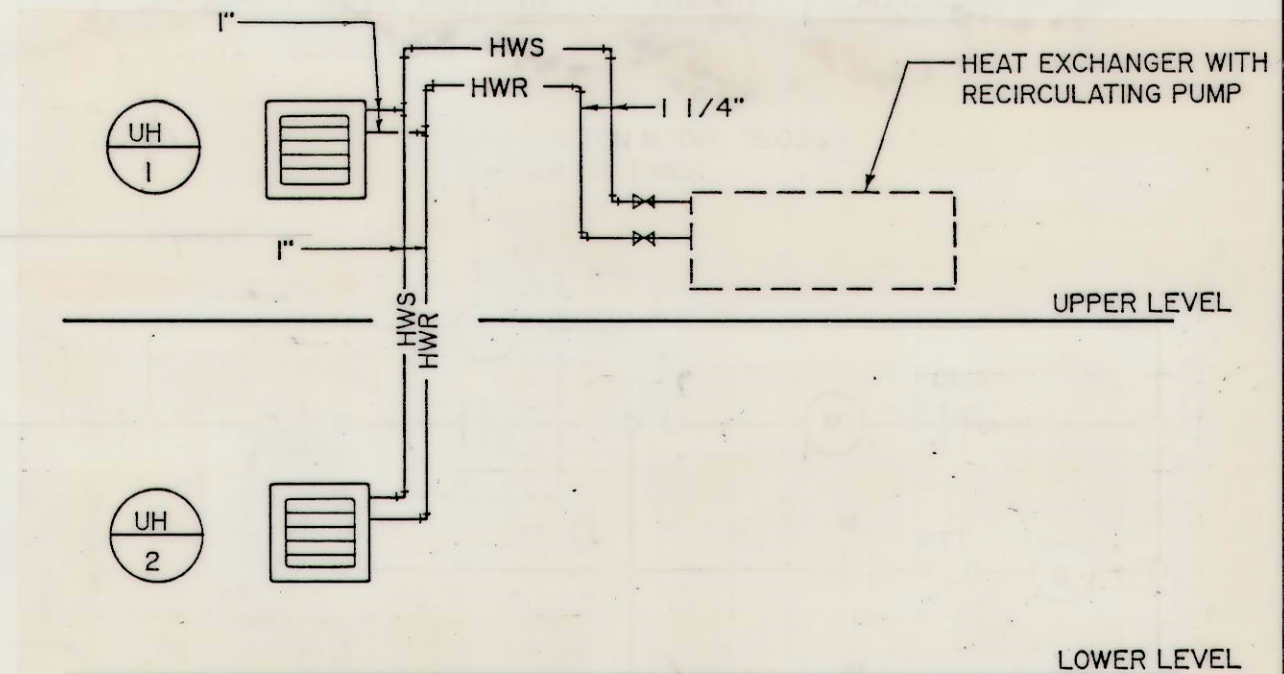
UPPER LEVEL ELECTRICAL PLAN
SCALE: 3/8" = 1'-0"



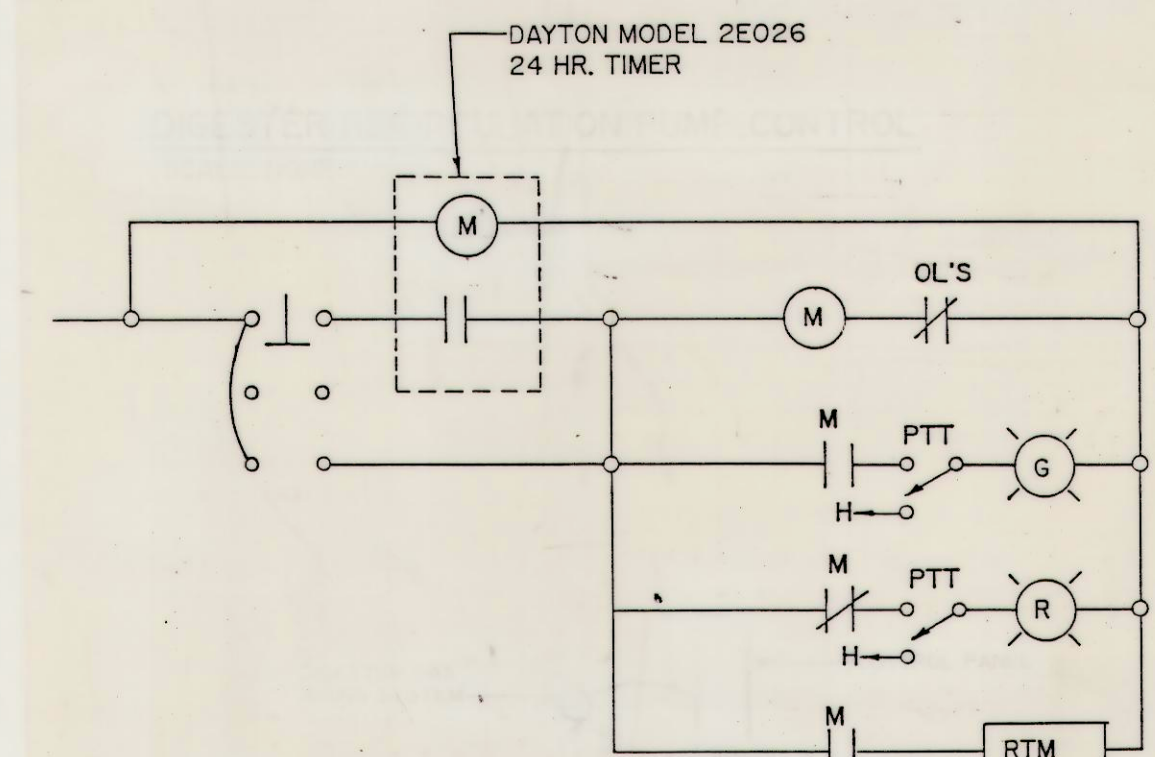
THICKENED SLUDGE PUMP CONTROL
SCALE: NONE (TYP. FOR 2)



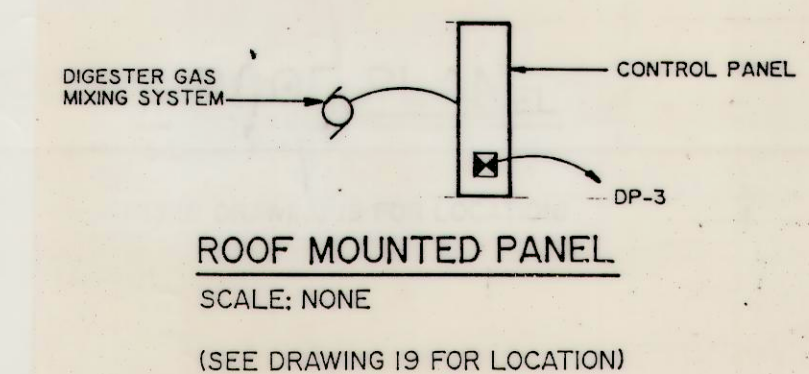
SLUDGE TRANSFER PUMP CONTROL



PIPING SCHEMATIC FOR UNIT HEATER
SCALE: NONE



DIGESTER RECIRCULATION PUMP CONTROL
SCALE: NONE

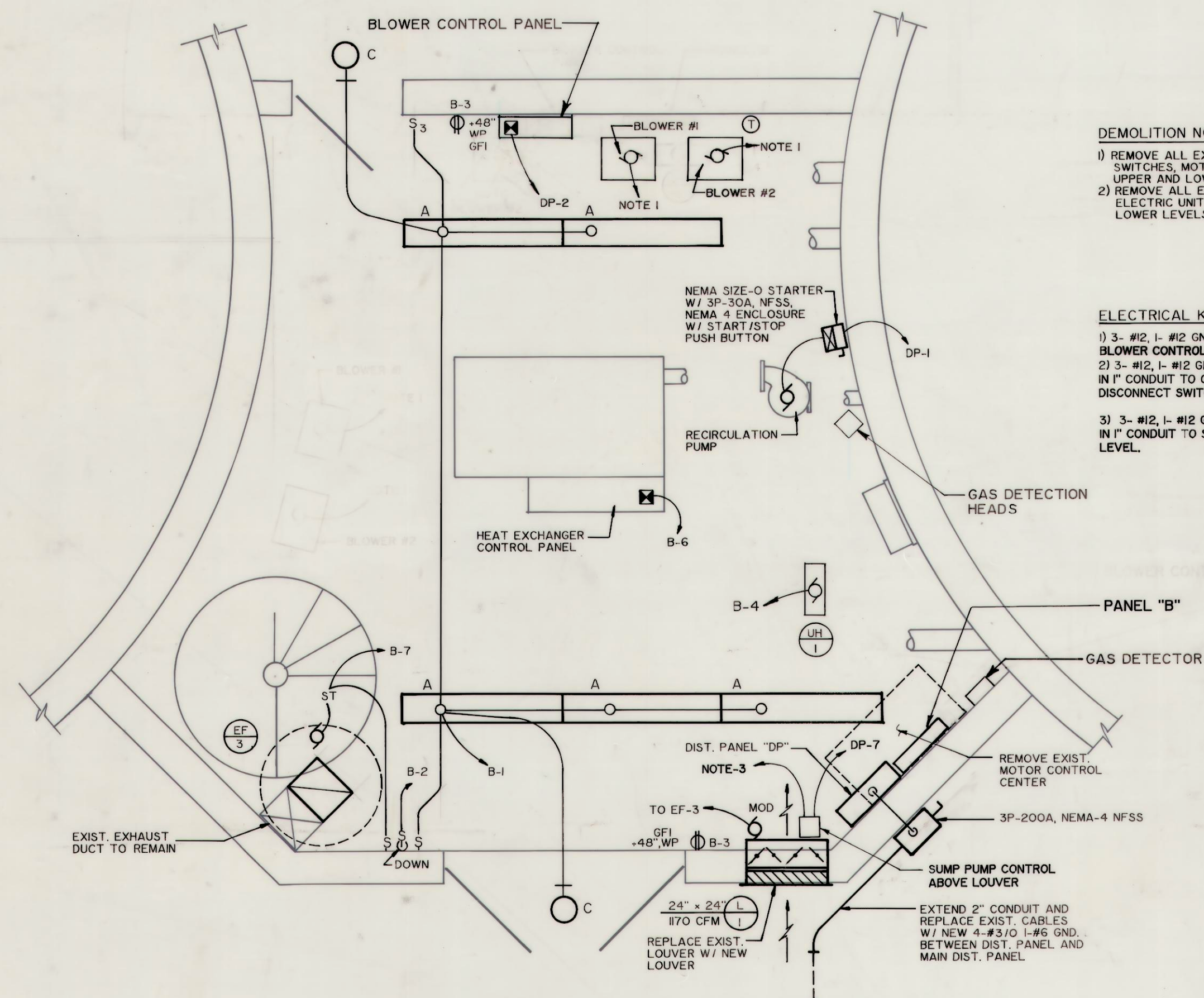


ROOF MOUNTED PANEL
SCALE: NONE

(SEE DRAWING 19 FOR LOCATION)

REVISION	DESCRIPTION	DATE
1	REMOVE WATERSEAL DISCONNECT	
2	ADD SLUDGE TRANSFER PUMP CONTROL PANEL	4/23/90

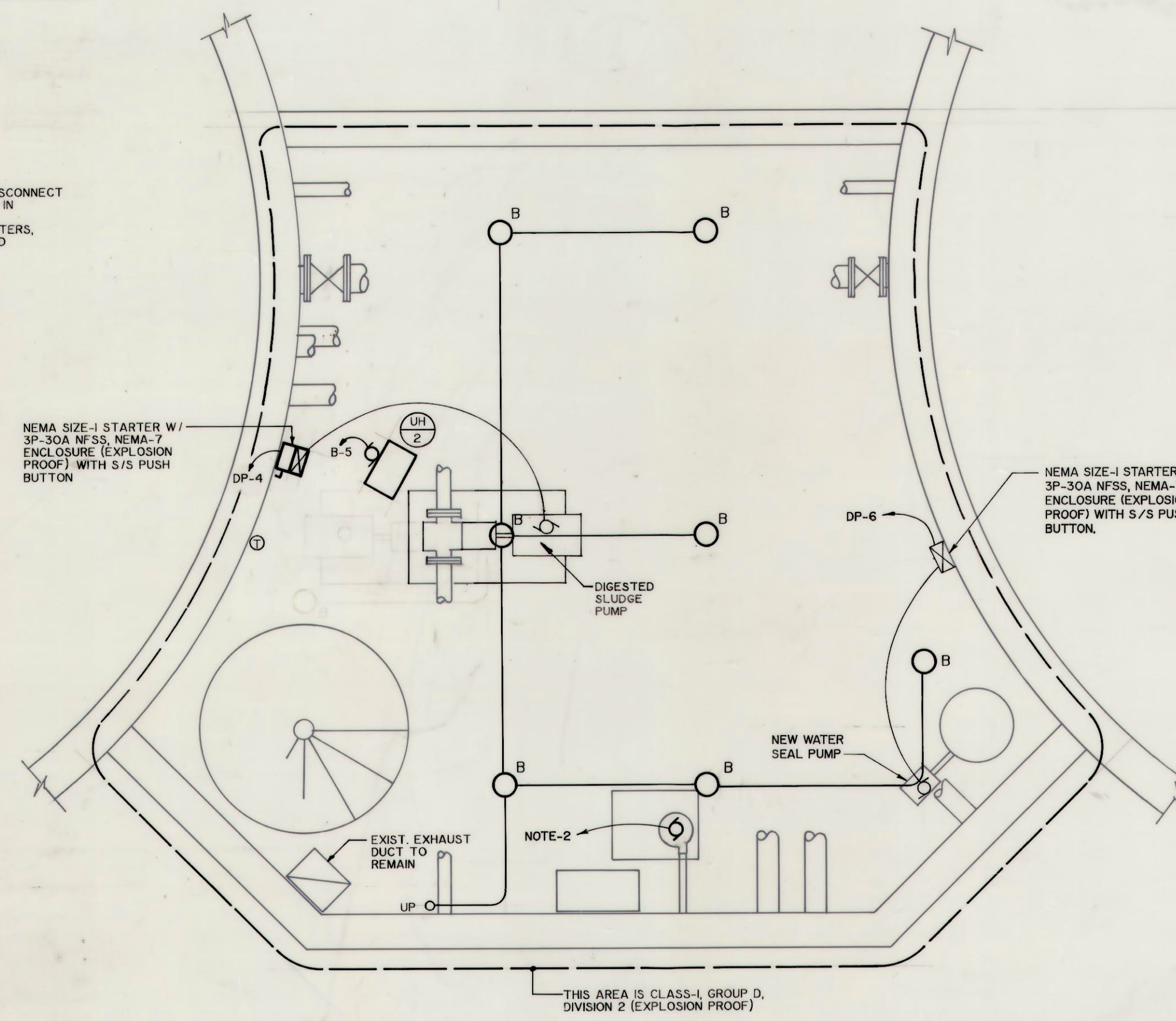
THICKENED SLUDGE PUMPS AND SLUDGE TRANSFER PUMPS



UPPER LEVEL ELECTRICAL / MECHANICAL PLAN
SCALE: 3/8" = 1'-0"

- DEMOLITION NOTES**
- 1) REMOVE ALL EXISTING CONDUITS, WIRES, DISCONNECT SWITCHES, MOTOR CONTROL CENTER, ETC. IN UPPER AND LOWER LEVELS.
 - 2) REMOVE ALL EXIST. HOT WATER UNIT HEATERS, ELECTRIC UNIT HEATER, ETC. IN UPPER AND LOWER LEVELS.

- ELECTRICAL KEY NOTES**
- 1) 3- #12, 1- #12 GND. IN 1/2" CONDUIT TO BLOWER CONTROL PANEL.
 - 2) 3- #12, 1- #12 GND. AND CONTROL WIRES IN 1" CONDUIT TO COMBINATION STARTER AND DISCONNECT SWITCH AT UPPER LEVEL.
 - 3) 3- #12, 1- #12 GND. AND CONTROL WIRES IN 1" CONDUIT TO SUMP PUMP AT LOWER LEVEL.



LOWER LEVEL ELECTRICAL / MECHANICAL PLAN
SCALE: 3/8" = 1'-0"

PRIMARY AND SECONDARY DIGESTERS CONTROL ROOM



PROJECT INFORMATION
CITY OF ST. ALBANS
MUNICIPAL UTILITY COMMISSION
KANAWHA COUNTY, WEST VIRGINIA
WASTEWATER SYSTEM IMPROVEMENTS
EPA PROJECT NO. C-540618-01
ST. ALBANS MUNICIPAL UTILITY COMMISSION
CONTRACT NO. 1



Chapman Technical Group

DRAWING TITLE
THICKENED SLUDGE PUMPS
ELECTRICAL PLANS
PRIMARY AND SECONDARY
DIGESTER CONTROL ROOM
ELECTRICAL / MECHANICAL PLANS

DRAWN
JOE BIRD
CHECKED
F. CLINGENPEEL
DATE
MARCH 1990
SCALE
AS NOTED
PROJECT NUMBER
ST016
DRAWING NUMBER