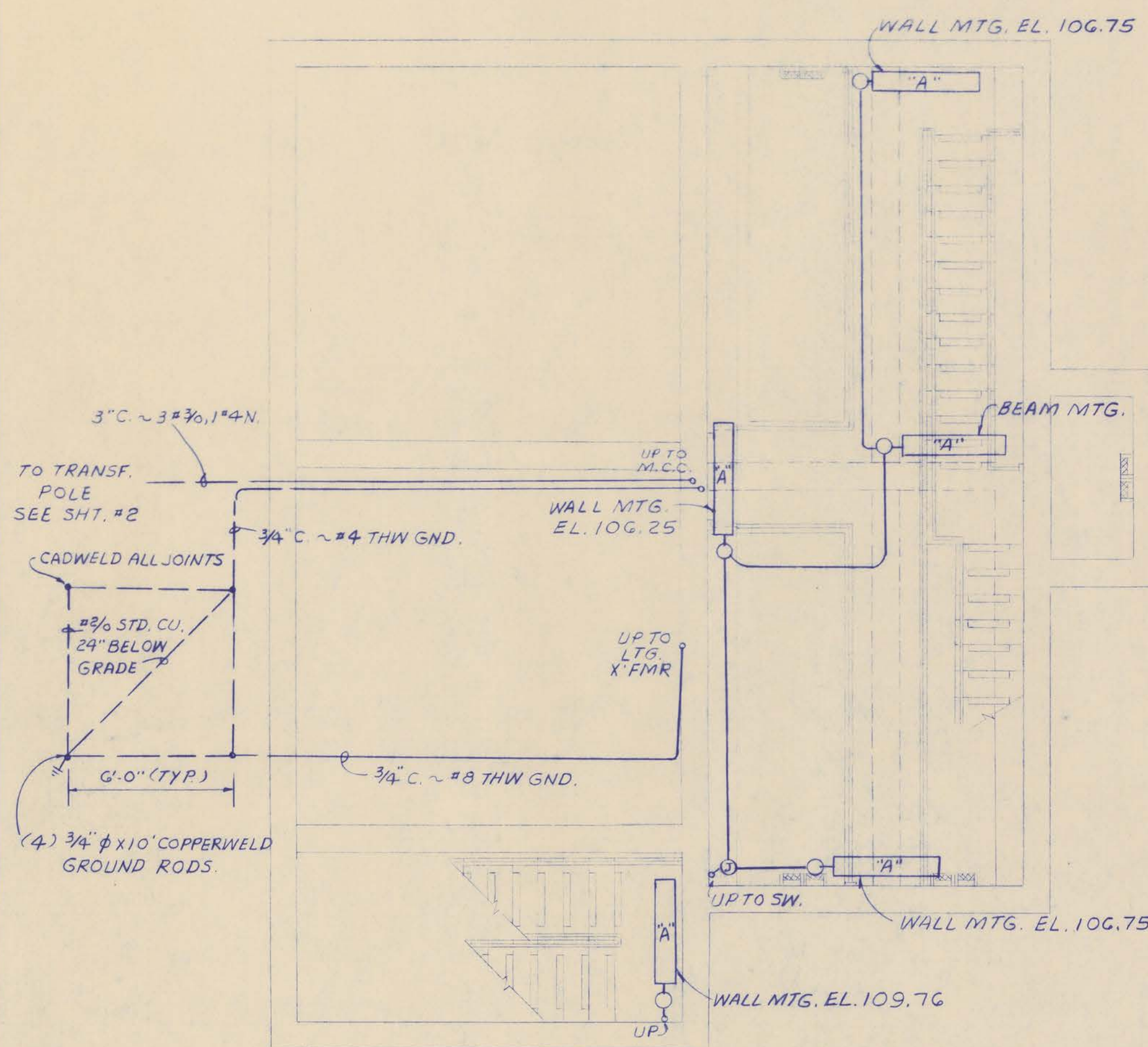
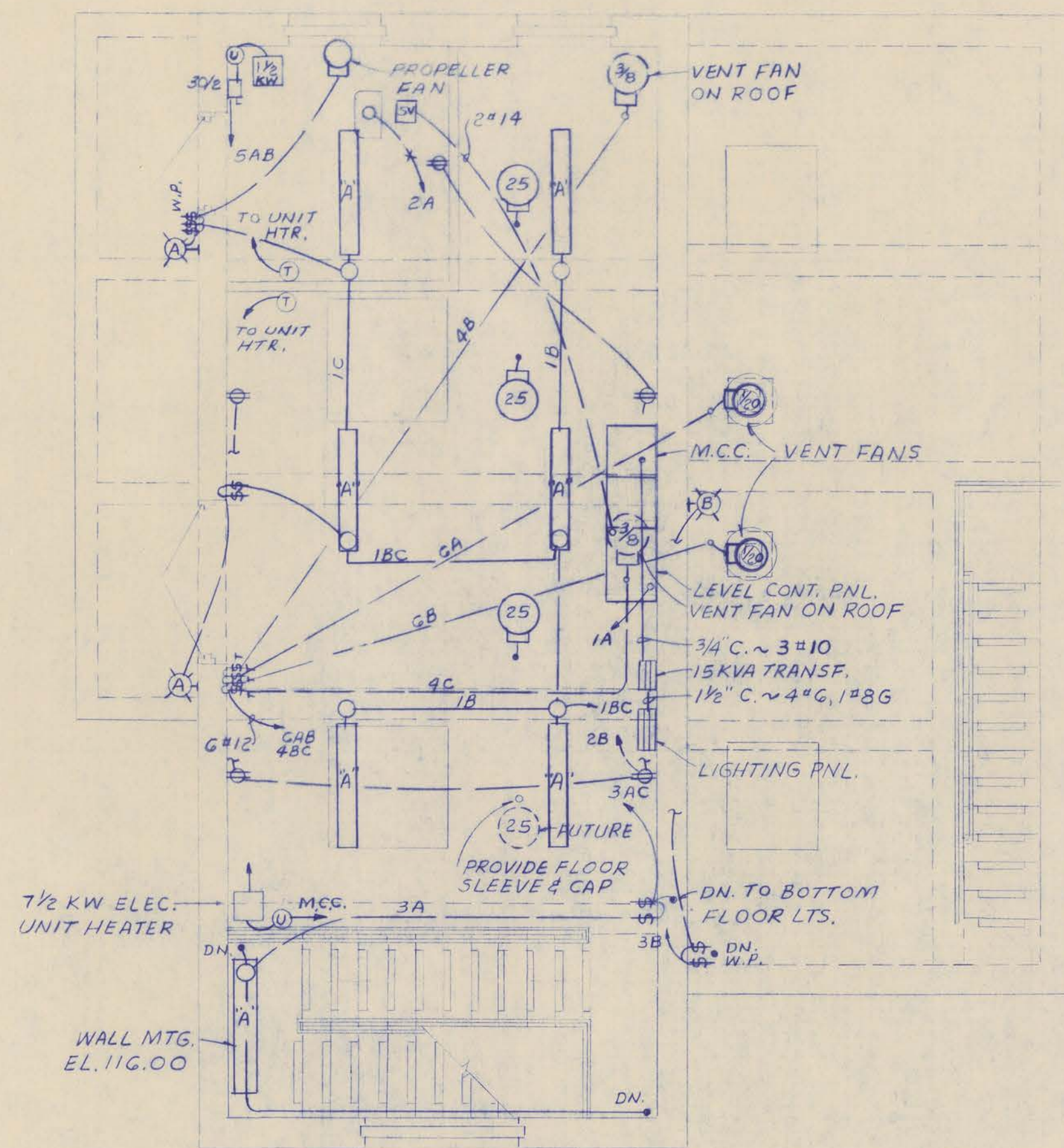
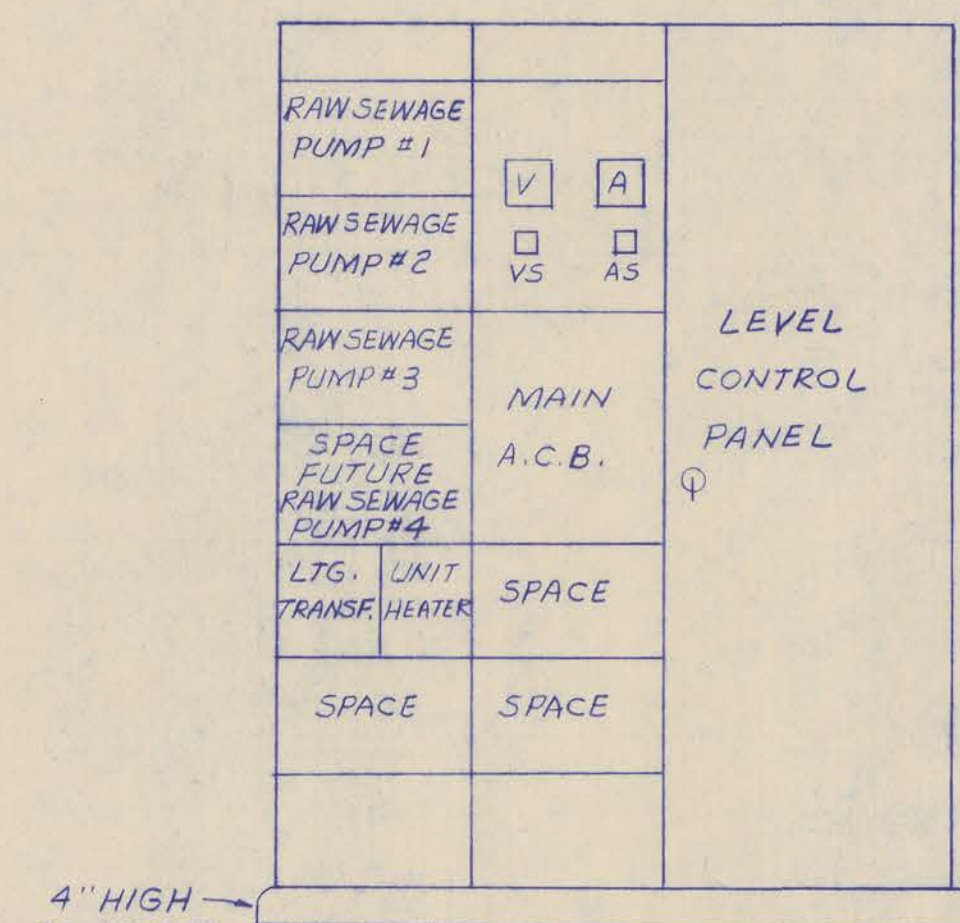




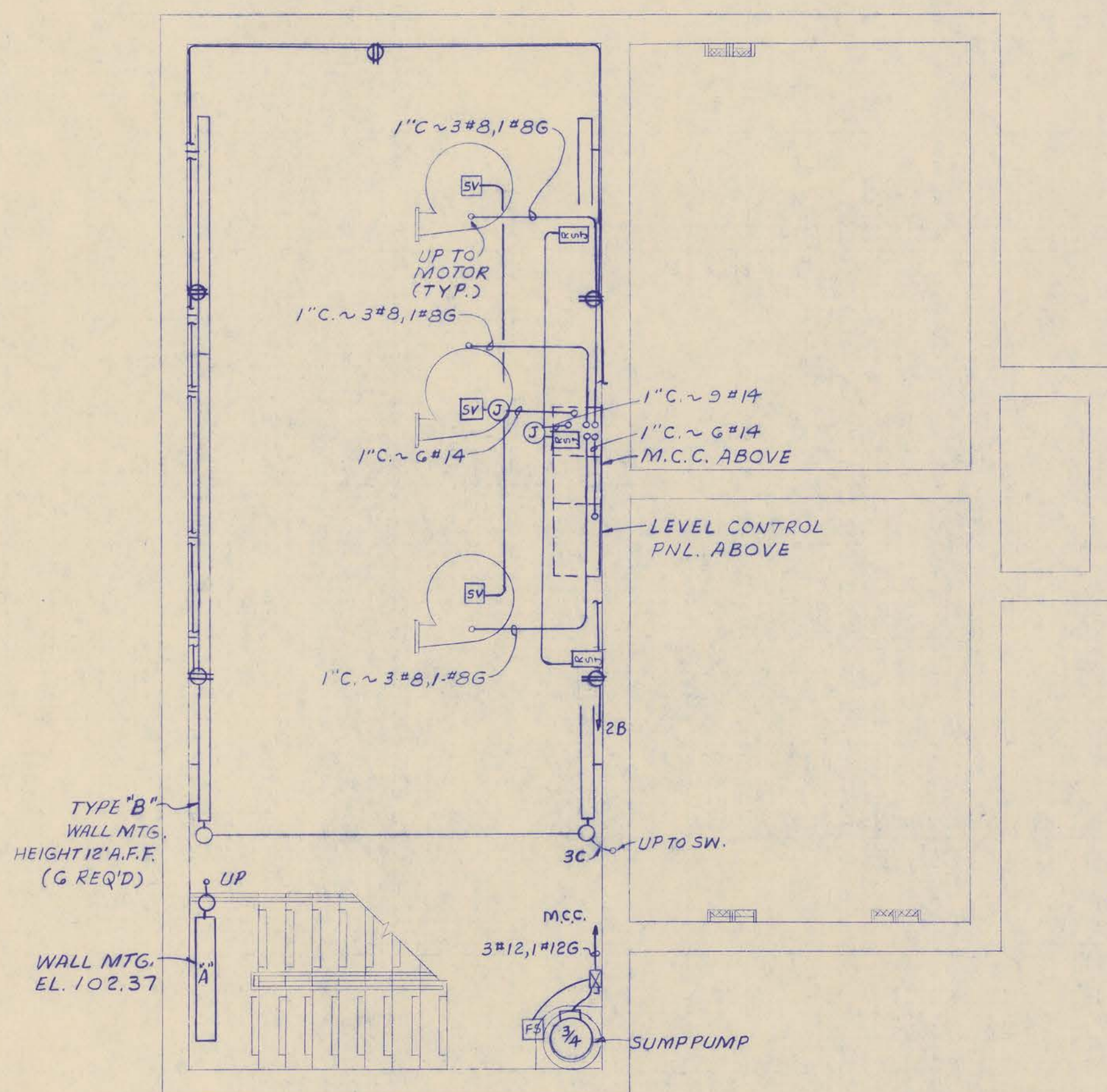
INTERMEDIATE PLAN
1/4" = 1'-0"



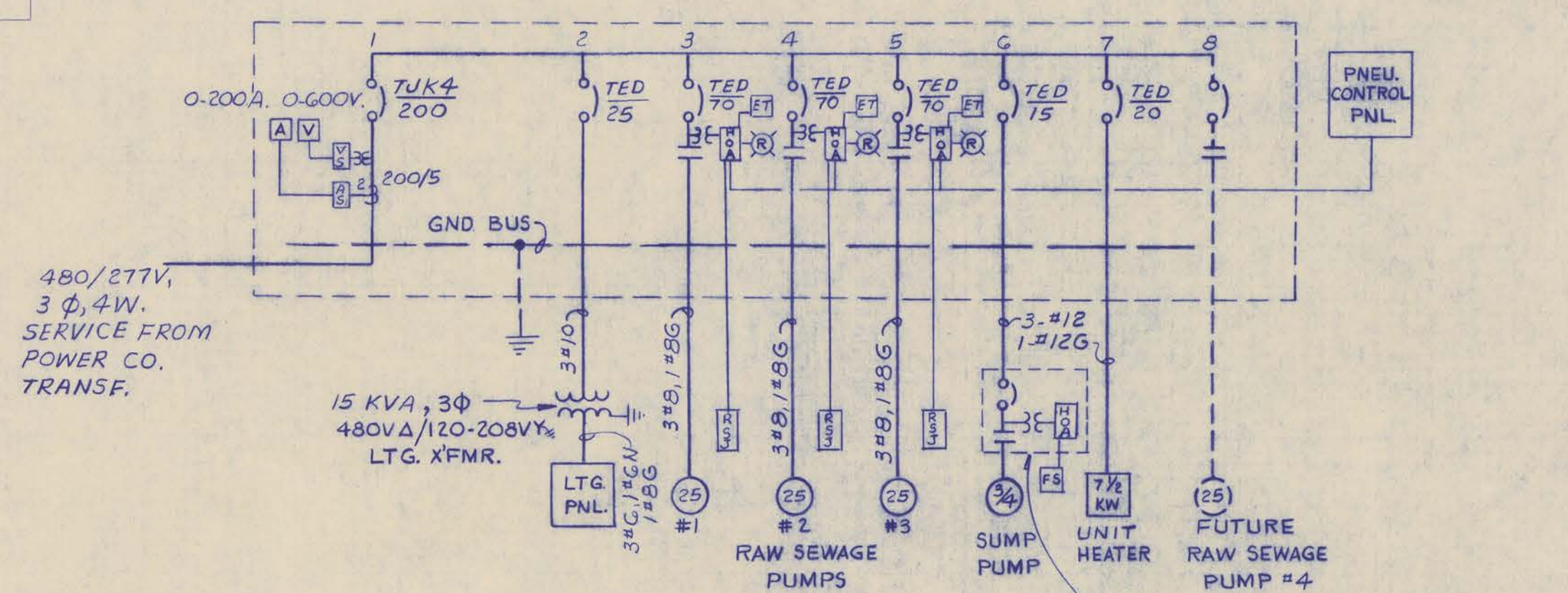
ENTRANCE FLOOR PLAN
1/4" = 1'-0"



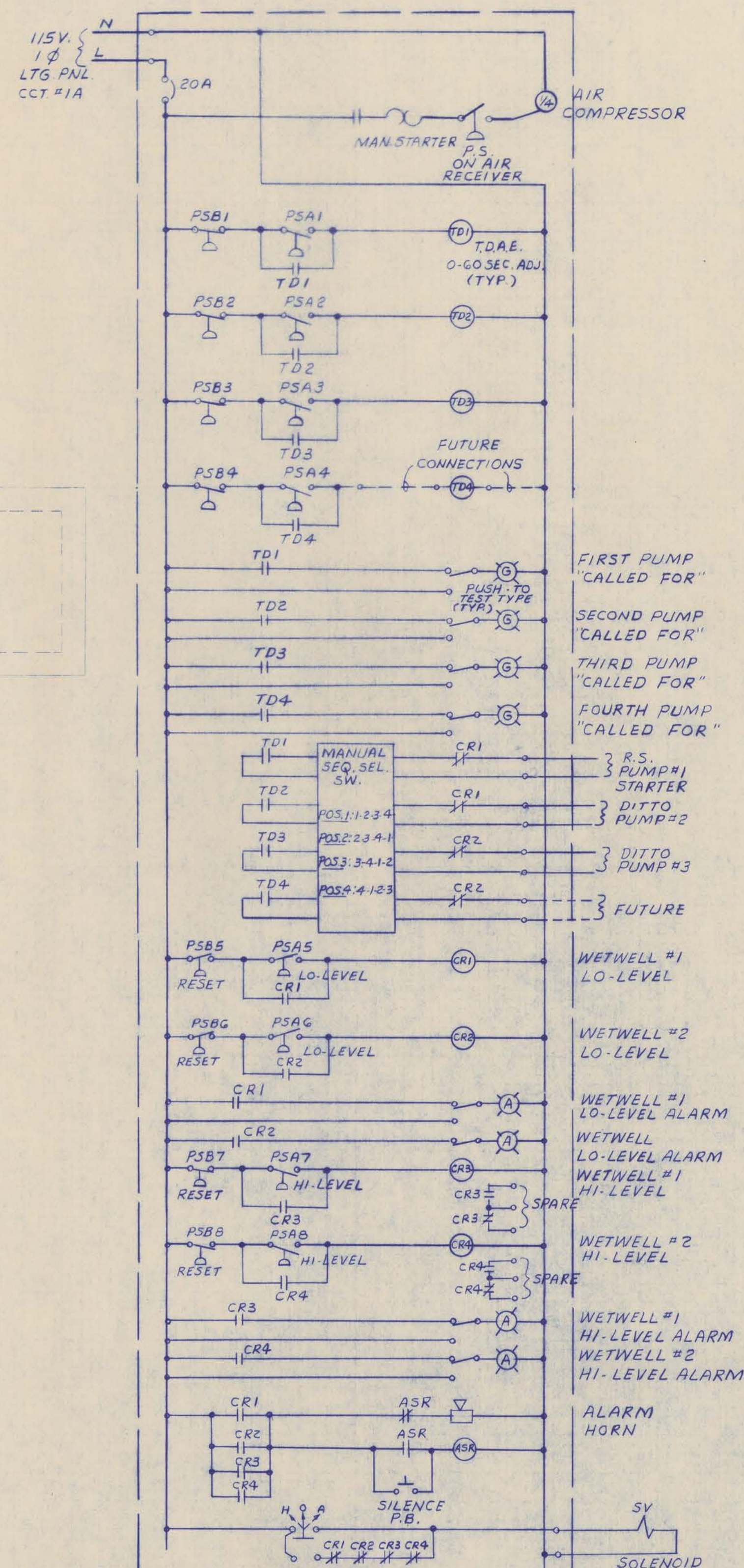
M.C.C. & LEVEL CONTROL PANEL



BOTTOM PLAN
1/4" = 1'-0"



SINGLE LINE DIAGRAM



LEVEL CONTROL PANEL

LIGHTING PANEL					
120/208V, 3 ϕ , 4W.					
CIRCUIT WIRE SIZE	ALL C.B.'S 20A. & WIRE SIZE #12 AWG UNLESS OTHERWISE NOTED.	BLACK	RED	BLUE	WIRE SIZE
1A	PNEU. LEVEL CONTROL PNL.				2A
1B	ENTRANCE FLOOR LTS.				2B
1C	ENTRANCE FLOOR LTS.				2C
3A	STAIRWAY LTS.				4A
3B	INTERMEDIATE FLOOR LTS.				4B
3C	BOTTOM FLOOR LTS.				4C
5A					4A
5B	CHLORINATOR ROOM HEATER				4B
5C	SPARE				4C
7A	"				8A
FEEDER					
1 1/2" Cu. 3 #6, 1 #8G					
		A	B	C	N

ELECTRICAL SYMBOLS

- AMMETER WITH SEL. SW.
- VOLTMETER WITH SEL. SW.
- CURRENT TRANSFORMERS, NO. & RATIO AS NOTED.
- CONTROL POWER TRANSFORMER.
- THREE POSITION SEL. SW. MARKED "HAND-OFF-AUTO."
- TWO POSITION SEL. SW. MARKED "START-STOP"
- THREE POSITION SEL. SW. MARKED "RUN-SAFE-JOG."
- SPRING RETURN TO "SAFE" FROM "JOG" POSITION
- INDICATING LIGHT - R - RED, G - GREEN, A - AMBER.
- ELAPSED TIME METER.
- COMBINATION C.B. MAGNETIC STARTER.
- INCANDESCENT FIXTURE & OUTLET.
- FLUORESCENT FIXTURE & OUTLET.
- DUPLEX OUTLET.
- WEATHERPROOF DUPLEX OUTLET.
- EQUIPMENT OUTLET, CONNECT AS REQUIRED.
- OUTLET BOX USED AS JUNCTION BOX.
- W.P. DENOTES WEATHERPROOF, AS SPECIFIED.
- SINGLE POLE SWITCH. ST SWITCH WITH THERMAL OVERLOAD.
- SWP WEATHERPROOF SWITCH.
- SWITCH AND PILOT LIGHT.
- NON-FUSED DISCONNECT SWITCH.
- LIGHTING PANEL - SEE SCHEDULE.
- MOTOR SIZE SHOWN (20 H.P.) WITH MOTOR JUNCTION BOX
- LIGHTING TRANSFORMER.
- CONDUIT CONCEALED IN CEILING OR WALL.
- CONDUIT CONCEALED IN FLOOR OR WALL.
- CONDUIT RUN EXPOSED.
- HOME RUN TO MOTOR CONTROL CENTER.
- HOME RUN TO LIGHTING PANEL.
- THERMOSTAT
- SOLENOID VALVE
- FRAME MOLDDED CASE C.B. FRAME AND TRIP RATING AS NOTED.

LIGHTING FIXTURE SCHEDULE

INCANDESCENT

- RED DOT VRB202 NI-GI, WALL MOUNT, BACKFEED MOUNTED T.A.F.F.
- STONCO 511-200, 200W VAPOR TIGHT WALL MOUNTED 10' A.F.F.

FLUORESCENT

- "A" GIBSON CAT #VT-240 A-WL, 4' ENCLOSED & GASKETED, WITH CORROSIONPROOF HOUSING, 2-F40 C.W. LAMPS, U.L. APPROVED FOR WET LOCATIONS.
- "B" GIBSON CAT #VT-29GA-WL, 8' ENCLOSED & GASKETED, WITH CORROSIONPROOF HOUSING, 2-F96 C.W. LAMPS, U.L. APPROVED FOR WET LOCATIONS.

CONTRACT - A - 1976
EPA PROJECT NO. C130381
DIVISION TWO

CITY OF BRUNSWICK, GEORGIA
SEWERAGE SYSTEM IMPROVEMENTS

ELECTRICAL
ARCO PUMPING STATION

SCALE AS SHOWN
DATE JAN. 1976
WIEDEMAN AND SINGLETON
ENGINEERS
ATLANTA
SHEET 6
OF 8

