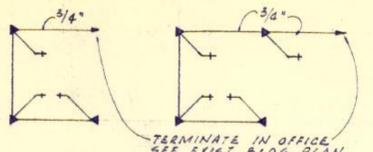
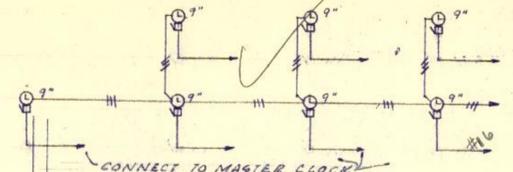


NOTE: ALL CONDUIT 1/2" EMPTY CONDUIT EXCEPT AS NOTED W/ PULL WIRE

NOTE: BUZZERS MTD. IN CLOCKS



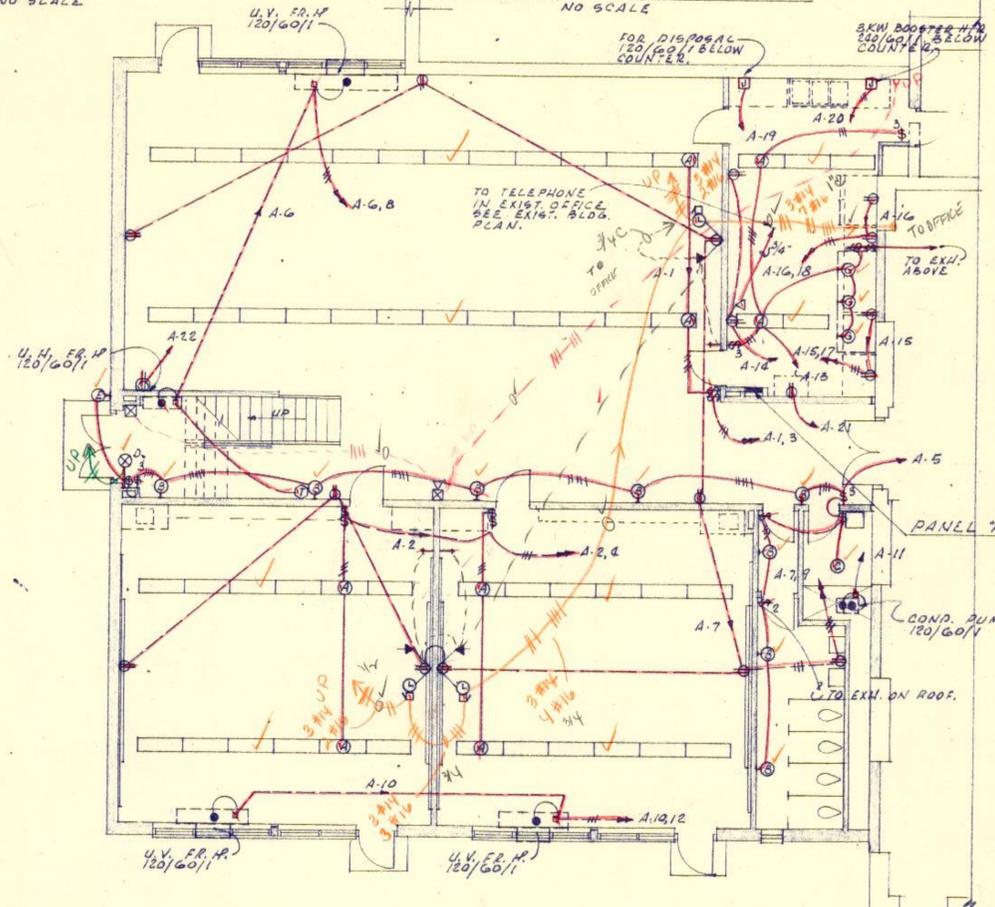
P.A. SYSTEM DIAGRAM
NO SCALE



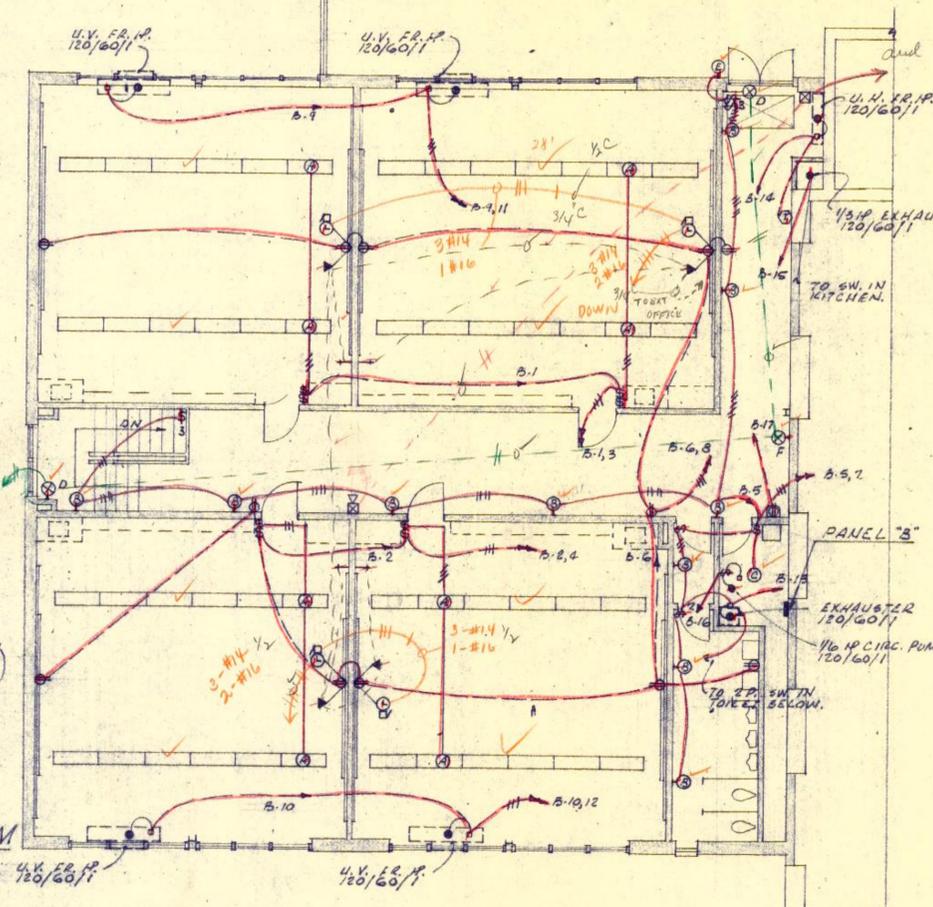
PROGRAM SYSTEM DIAGRAM
NO SCALE

ELECTRICAL SYMBOLS

- ⊙ INCAND. LT. & FIX. LTR. (CEIL.)
- ⊙ INCAND. LT. & FIX. LTR. (WALL)
- ⊙ EXIT LT. & FIX. LTR. (WALL)
- ⊙ FLUOR. LT. & FIX. LTR. (CEIL.)
- ⊙ DISC. SWITCH (NON-FUSED)
- ⊙ SAFETY SWITCH (FUSED)
- ⊙ WALL SWITCH - S.P.S.T., 3-WAY, 2-POLE
- ⊙ CLOCK
- ⊙ GND. TYPE REC. (A" ABOVE CTR.)
- ⊙ JUNCTION OR PULL BOX FLUSH MTD.
- ⊙ TELEPHONE OUTLET BOX
- ⊙ THERMOSTAT
- ⊙ MOTOR
- ⊙ PANEL
- 2" IN 1/2" C. (ROUTE IN CEIL OR WALL)
- 2" IN 3/4" C. (ROUTE FLR. OR GLAB.)
- ⊙ FIRE ALARM STATION
- ⊙ FIRE ALARM HORN
- ⊙ BUZZER
- ⊙ WALL SPEAKER BOX
- ⊙ CALL BACK SWITCH BOX



GROUND FLOOR PLAN
SCALE 1/8" = 1'-0"



SECOND FLOOR PLAN
SCALE 1/8" = 1'-0"

FIRE ALARM SYSTEM DIAGRAM
NO SCALE

EXIT LIGHT SYSTEM DIAGRAM
NO SCALE

BRANCH CIRCUIT PANEL SCHEDULE

PANEL DESIGNATION	TYPE	VOLT	Φ	N	BREAKER	CIRC. NO.	A.P.	V.	AC-100	REMARKS	MOUNTING	MAIN LUGS
A	120/208	3	4	1-10, 12-19, 21, 22	20	1	120	✓			FLUSH	200 A.
				20	20	2	240					
				23-24	20	1	120	✓				
				11	30	1	120	✓				
B	120/208	3	4	1-17	20	1	120	✓		SURFACE	200 A.	
				18-20	20	1	120	✓				

FIXTURE SCHEDULE

FLX. LTR.	MANUFACTURER	CAT. NO.	LAMP	NO.	TYPE	FINISH	MOUNTING	REMARKS
A	SUNBEAM	L-1282 4885	2	40	T-1/2	STANDARD	BOT. OF BEAMS	PEND. HANGERS BETWEEN BEAMS
B	PRESCOLITE	4239	1	150	A	"	WALL	"
C	STEBER	RP-114-RVO	1	150	A	"	CEILING	RCM
D	PRESCOLITE	W-51	2	25	A	"	WALL	EXIT LIGHTS
E	M ^c PHILBEN	7-10	1	150	A	"	WALL	"
F	PRESCOLITE	W-51-L	2	25	A	"	WALL	EXIT LIGHT
G	STEBER	VC 150	1	100	A	"	IN KIT. HOOD	"

ELECTRICAL PLANS & DETAILS

AN ADDITION TO HUMBOLDT ELEMENTARY SCHOOL ST. JOSEPH, MO.

PAUL E. C. MASSAGLIA REGISTERED PROFESSIONAL ENGINEER E-4203

HERSCHMAN & DOUGLAS ARCHITECTS

MADE BY: J.M. CH'KD. BY: DM. REVISED: _____

MASSAGLIA-NEUSTROM-MIDDLETON MECHANICAL ENGINEERS

SHEET NUMBER E-1 OF 4 DATE: _____

2007.33.2003AAA