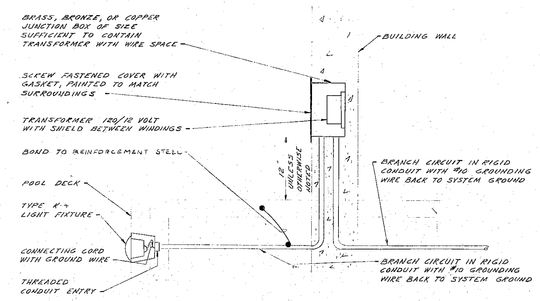
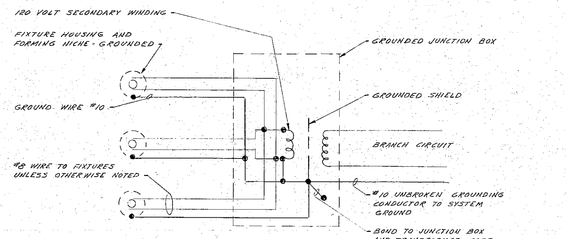


DETAIL "A"

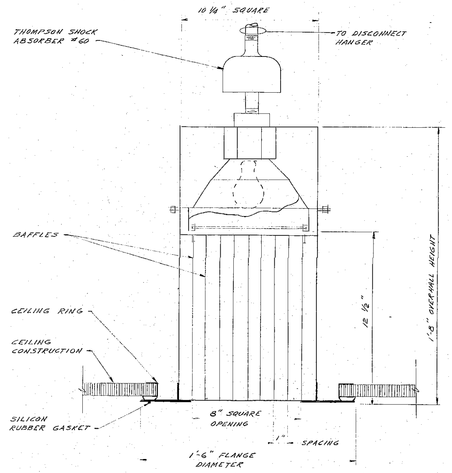
NOTE: SEE SCHEMATIC DIAGRAM THIS SHEET — NO SCALE



SCHEMATIC DIAGRAM - POOL SIDE LIGHTING

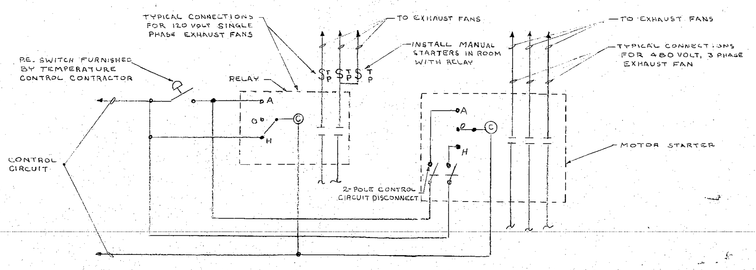
NO SCALE

AUTOMATIC EXHAUST FAN SCHEDULE					
ZONE NUMBER	EXHAUST FAN NUMBER	H.P.	CONTROLLED BY RELAY NUMBER	R.C. SWITCH LOCATION	POWER CONTROL CIRCUIT
6	A-1	1/4	RA-1	A-118	215-19
6	A-2	1/3	RA-1	A-118	215-19
					215-21
10	B-3	1/4	RB-2	B-227	225-21
8	B-2	1/3	RB-6	B-227	225-24
8	B-5	1/4	RB-6	B-227	225-24
8	B-6	1/3	RB-4	B-227	225-24
10	B-7	1/4	RB-2	B-227	225-21
8	B-12	1/3	RB-4	B-227	225-24
13	B-13	1/4	RB-3	B-227	225-24
10	B-14	1/4	RB-2	B-227	225-21
					225-25
14	C-5	1/4	RC-3	C-208	226-17
14	C-6	1/4	RC-3	C-208	226-17
14	C-7	1/4	RC-3	C-208	226-17
14	C-8	1/4	RC-2	C-211	227-13
14	C-9	1/3	RC-2	C-211	227-13
14	C-10	1/4	RC-2	C-211	227-13
8	C-16	1/4	RB-5	B-227	225-19
8	C-17	1/4	RB-5	B-227	225-19
					225-24
18	D-3	1/4	RD-1	D-242	231-70
18	D-4	1/12	RD-1	D-242	231-70
					231-74



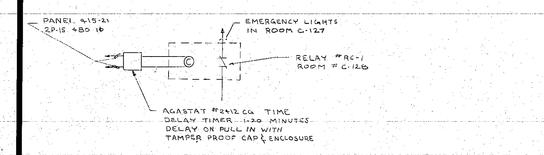
DETAIL "B"

NO SCALE



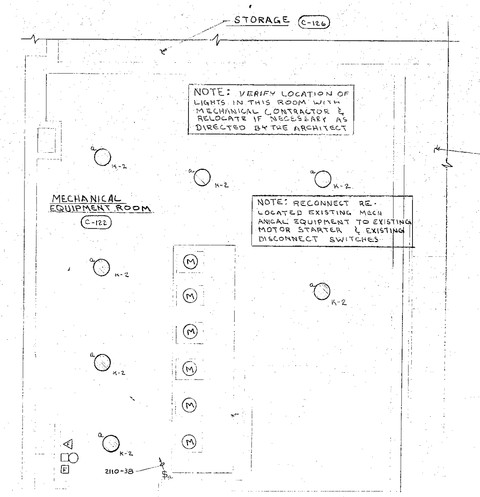
TYPICAL AUTOMATIC EXHAUST FAN WIRING DIAGRAM

NO SCALE



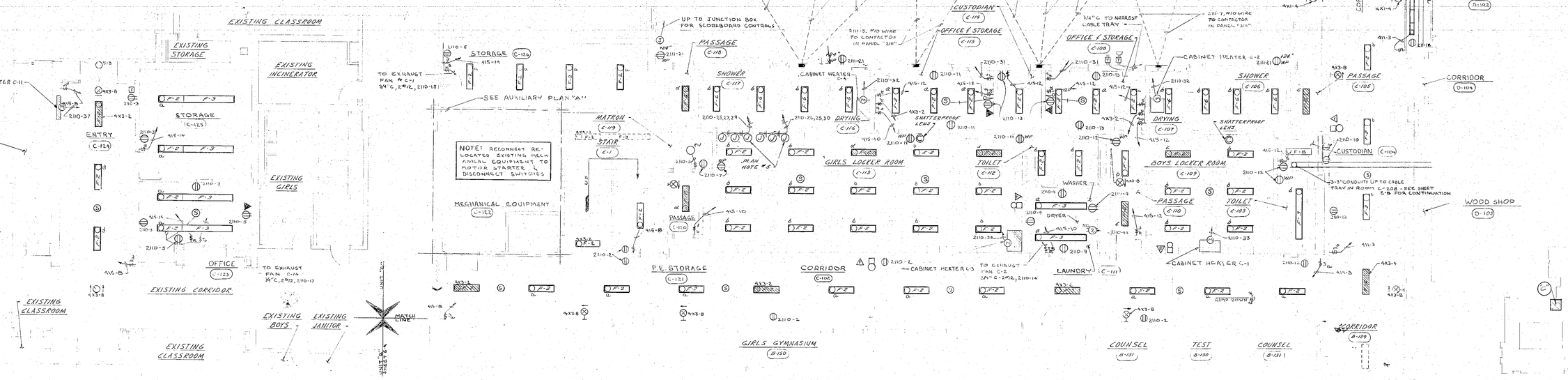
DETAIL "C" POOL EMERGENCY LIGHT CONTROL

NO SCALE



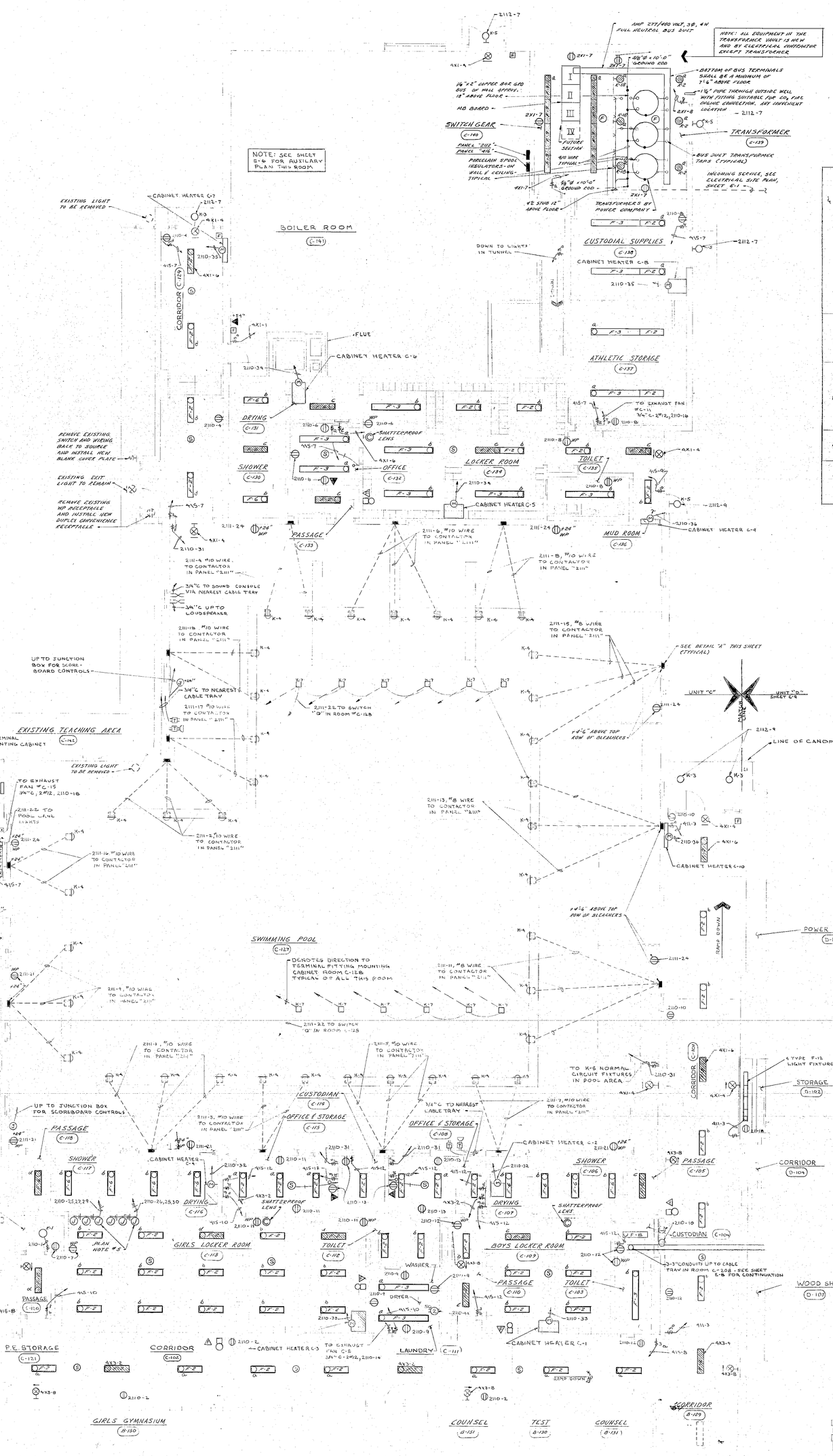
AUXILIARY PLAN "A" MECHANICAL EQUIPMENT ROOM C-122

SCALE 1/8"=1'-0"



UNIT "C" ELECTRICAL FIRST FLOOR PLAN

SCALE - 1/8"=1'-0"



FIRST FLOOR KEY PLAN

1/8" SCALE

PLAN NOTES

1. SEE SHEET E-1 FOR ELECTRICAL SITE PLAN
2. SEE SHEET E-2 FOR SYMBOLS, SCHEDULES, DETAILS AND GENERAL NOTES.
3. SEE SHEET E-12 FOR POWER RISER DIAGRAM.
4. SEE SHEET M-10 FOR EXHAUST FAN SCHEDULE AND POWER CIRCUITS.
5. MAIN BUSSER JUNCTION BOXES SHALL BE INSTALLED AT 7'-2" TO TOP OF BOX. MAIN BUSSERS BY ELECTRICAL CONTRACTOR. SEE SPECIFICATIONS.
6. TO CONTACTOR IN PANEL "415" FOR POOL OVERHEAD LIGHTS.
7. TO CONTACTOR IN PANEL "211" FOR POOL NORTH-SOUTH UNDERWATER LIGHTS.
8. TO CONTACTOR IN PANEL "211" FOR POOL EAST-WEST UNDERWATER LIGHTS.
9. ALL ELECTRICAL WORK SHOWN IS NEW AND BY THE ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED.

PANEL SCHEDULE

MARK & TYPE	SURFACE	FLUSH	MAIN LUG	MAIN BR.	2W	3W	4W	SPACES	CIRCUITS	BREAKER OR SWITCH POLES & TRIP	FRAME SIZE	REMARKS
									1-24	1P-20	EQB	
									25-30	1P-30	EQB	
									31-40	1P-20	EQB	
2110 NLAD	✓		1000			✓	✓		41-43	3P-SPACE	EQB	TWO SECTION HORIZONTAL PANEL BOTH SECTIONS SAME HEIGHT
									44	2P-50	EQB	
									45-48	3P-SPACE	EQB	
2211 NLAD	✓		1000						1-24	1P-20	EQB	18 2W 120/240 V CIRCUITS 1-18 & 9-16 ON ASCO BULLETIN #300, 60 AMP CONTACTOR, TWO CONTACTORS GROUNDED FROM ADJACENT GROUP
415 NHB-4	✓		225A			✓	✓		1-20	1P-20	E	
									21	2P-15	EH	CIRCUITS 1-16 ON ASCO BULLETIN #300 30 AMP CONTACTOR
									22	2P-SPACE	EH	
									23	3P-30	EH	
									24	3P-100	EH	
2112 NLAD	✓		1000			✓	✓		1-30	1P-20	EQB	
416 NHB-4	✓		225A			✓		✓	1-6	1P-20	E	
									7-8	3P-15	EH	
									9-10	3P-30	EH	
									11-12	3P-SPACE	EH	
									13-14	3P-60	EH	

EVERETT I. BROWN COMPANY -- ARCHITECTS & ENGINEERS
5500 BRADBURY AVENUE — PARK FLETCHER
INDIANAPOLIS INDIANA

ADDITION TO CHESTERTON HIGH SCHOOL