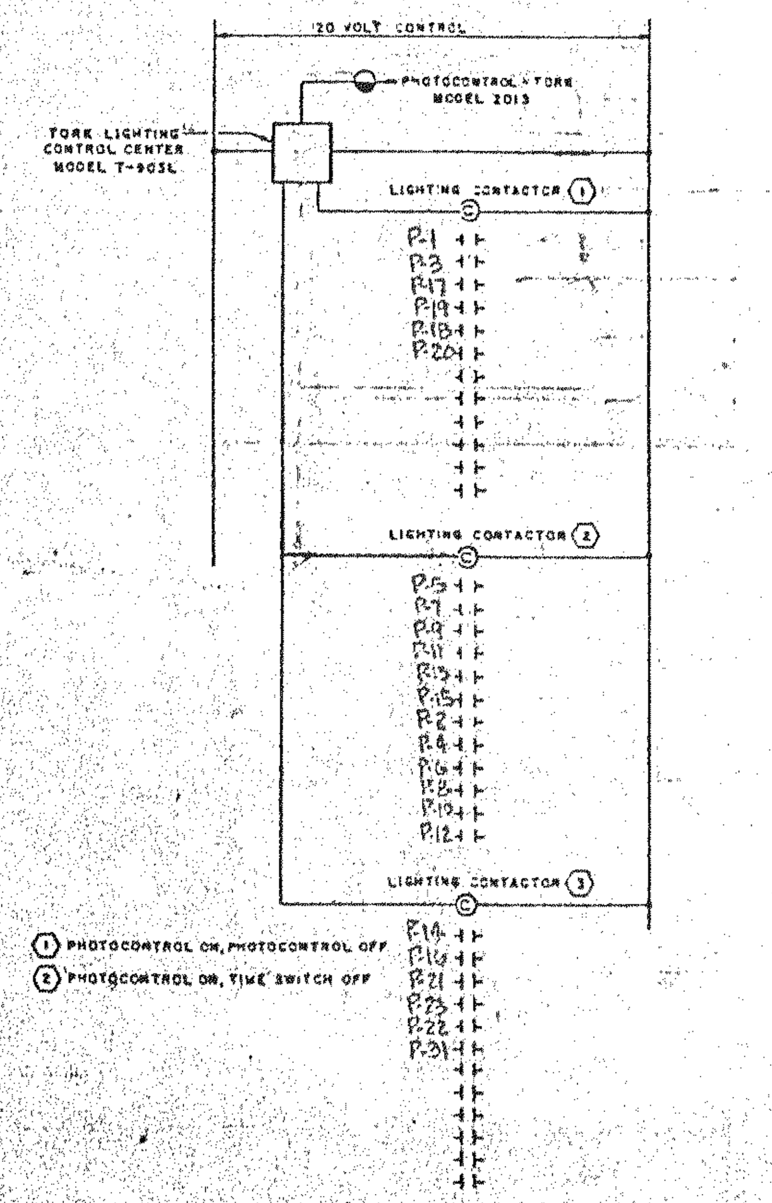


LIGHTING CONTROL DIAGRAM

FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NO.	LAMPS	VOLTS	MOUNTING	REMARKS
SA	McPHILBEN	5B2410	1-HR100E DXFL38-4	208	CONCRETE BASE	
SB	McPHILBEN	5E2411 ⚠1	1-HR100E DXFL38-4	208	CONCRETE BASE	
SC	KIM	ERG 401/175 MV	1-HR175 DX39-22	208	14' HINGED POLE	
SD	PEERLESS	1-HR75 PF L43-4 (DWG. P13475)	75W PAR36	120	12' POLE	FOUR FIXTURES PER POLE *
SE	KIM	5007 MV	1-HR75DX 43	208	FLUSH WITH FINISH GRADE	
SF	KIM / HUBBELL	5020 MV / BAC D100C 1BX	1-HR100E DXFL38-4	208	FLUSH WITH FINISH GRADE	
SG	VANGUARD / HARRIS	5000 W/1501 / 300 B CP	1-60A19	120	BOTTOM OF HANDRAIL	
SH	LITHONIA / SIMKAR	DL 240 A / IF 240 LG	2-F40CW	120	SURFACE	
SI	LIGHTOLIER / LIGHTOLIER	1202/1221 ⚠1 / 1202/1241	1-150A21	120	SEMI-RECESSED	
SJ	LIGHTOLIER / LIGHTOLIER	40302/40316 ⚠1 / 40308/40318	1-F40CW	120	SURFACE-WALL	SATIN CHROME FINISH
SK	PRESCOLITE / LIGHTOLIER	9344 / 1833	1-75R30	120	SURFACE-WALL	MATTE WHITE FINISH

* CO-ORDINATE ACTUAL AIMING WITH ARCHITECT.

PANEL BOARD SCHEDULE "P"

A	B	C	LOAD	poles	amps	ckt	ckt	amps	poles	LOAD	A	B	C
4			LTG. PARKING	2	20	1	2	20	2	LTG. LANDSCAPE	6		
	4			–		3	4		–			6	
		4	LANDSCAPE	2	20	5	6	20	2				4
4				–		7	8		–		4		
	6			2	20	9	10	20	1			6	
		6		–		11	12	20	1				6
4				2	20	13	14	20	2		5		
	4			–		15	16		–			5	
		5	PARKING	2	20	17	18	20	2	PARKING			6
5			"	–		19	20		–		6		
	3		LANDSCAPE	2	20	21	22	20	1	WALKWAY		5	
		3	"	–		23	24	20	1	BLDG.			7
3			EWC	1	20	25	26	20	1	BLDG.	8		
	6		REC. TLT. RMS.	1	20	27	28	20	1	TRELLIS			
		12	" SITE	1	20	29	30	20	1	REC. BLDG.			9
12			"	1	20	31	32	20	1	EXH. FANS			
	3		LTG. PAVILION	1	20	33	34			SPACE			
			SPACE			35	36						
						37	38						
						39	40			⚠			
						41	42	20	1	F.A. PANEL			

Rated voltage: ■120/208 □277/480v 3phase, 4 wire — Branch poles □12 □20 □30 ■42

Rated amps: □100 ■225 □400 □____ — Cabinet: ■Surface □Flush

Full neutral bus — ■Ground bus — ■Hinged door — ■Keyed door latch

□ Fused ■Circuit breaker (bolt-in) branch devices — Feed is to be □bottom □top

■Main lugs only — Main ___ amp □breaker □fused switch — ■ 25,27,29 + 31 to be GFI breakers

All breakers must be rated to interrupt a short circuit Isc of 10,000 amps symmetrical

PANEL BOARD SCHEDULE "PA"

A	B	C	LOAD	poles	amps	ckt	ckt	amps	poles	LOAD	A	B	C
3			RECEPTACLE	1	20	1	2						
			POOL LIGHTS	1	20	3	4						
			SPACE			5	6						
						7	8						
						9	10			SPACE FOR POOL			
						11	12			EQUIP. CIRCUIT BREAKERS			
						13	14			TO BE PROVIDE BY			
						15	16			FUTURE POOL CONTRACTOR			
						17	18						
						19	20						
						21	22						
						23	24						
						25	26						
						27	28						
						29	30						
						31	32						
						33	34						
						35	36						
						37	38						
						39	40						
						41	42						

Rated voltage: ■120/208 □277/480v 3phase, 4 wire — Branch poles □12 □20 ■30 □42

Rated amps: □100 ■225 □400 □____ — Cabinet: ■Surface □Flush

Full neutral bus — ■Ground bus — ■Hinged door — ■Keyed door latch

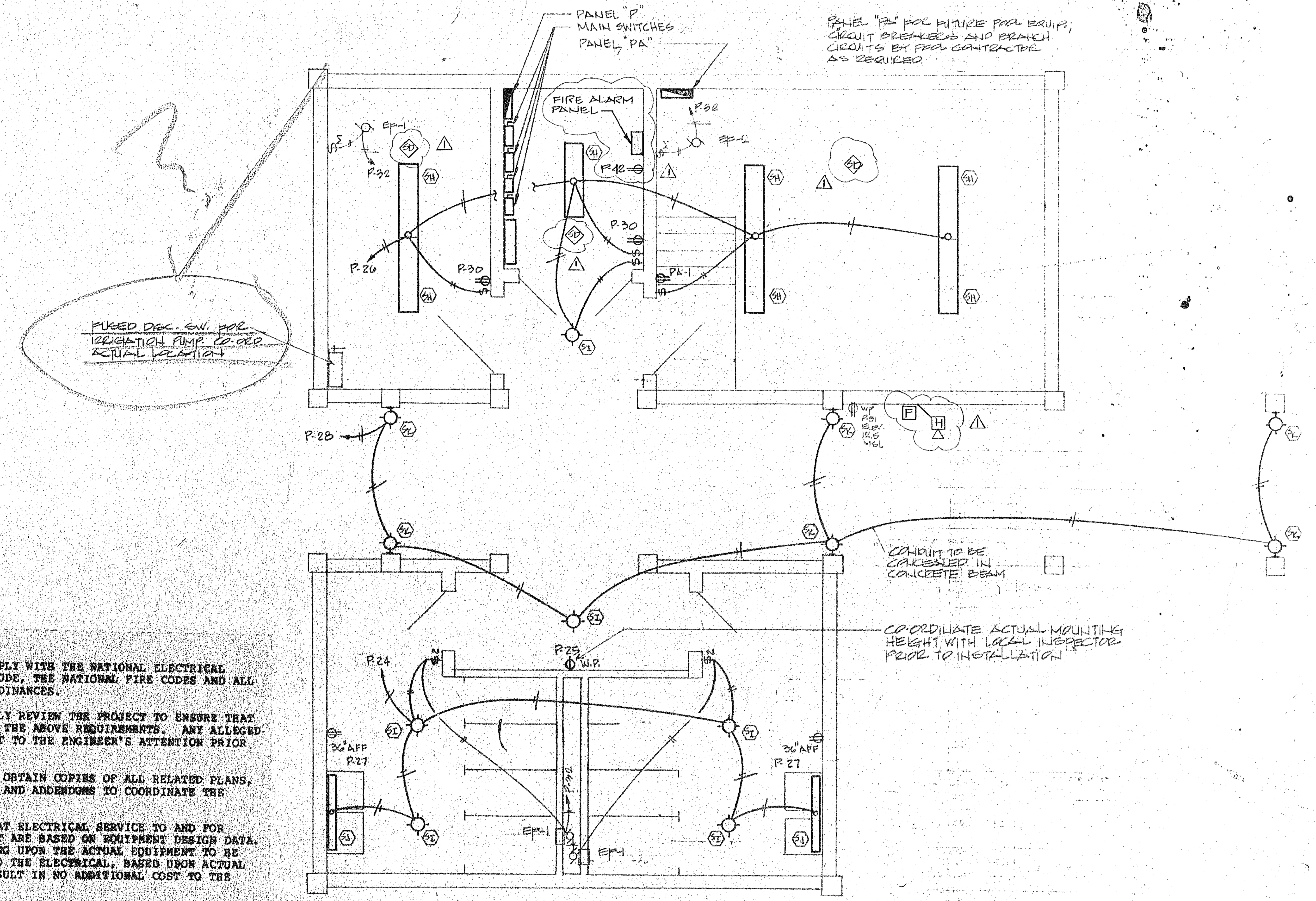
□ Fused ■Circuit breaker (bolt-in) branch devices — Feed is to be □bottom □top

■Main lugs only — Main ___ amp □breaker □fused switch — □ ________ to be GFI breakers

All breakers must be rated to interrupt a short circuit Isc of 10,000 amps symmetrical

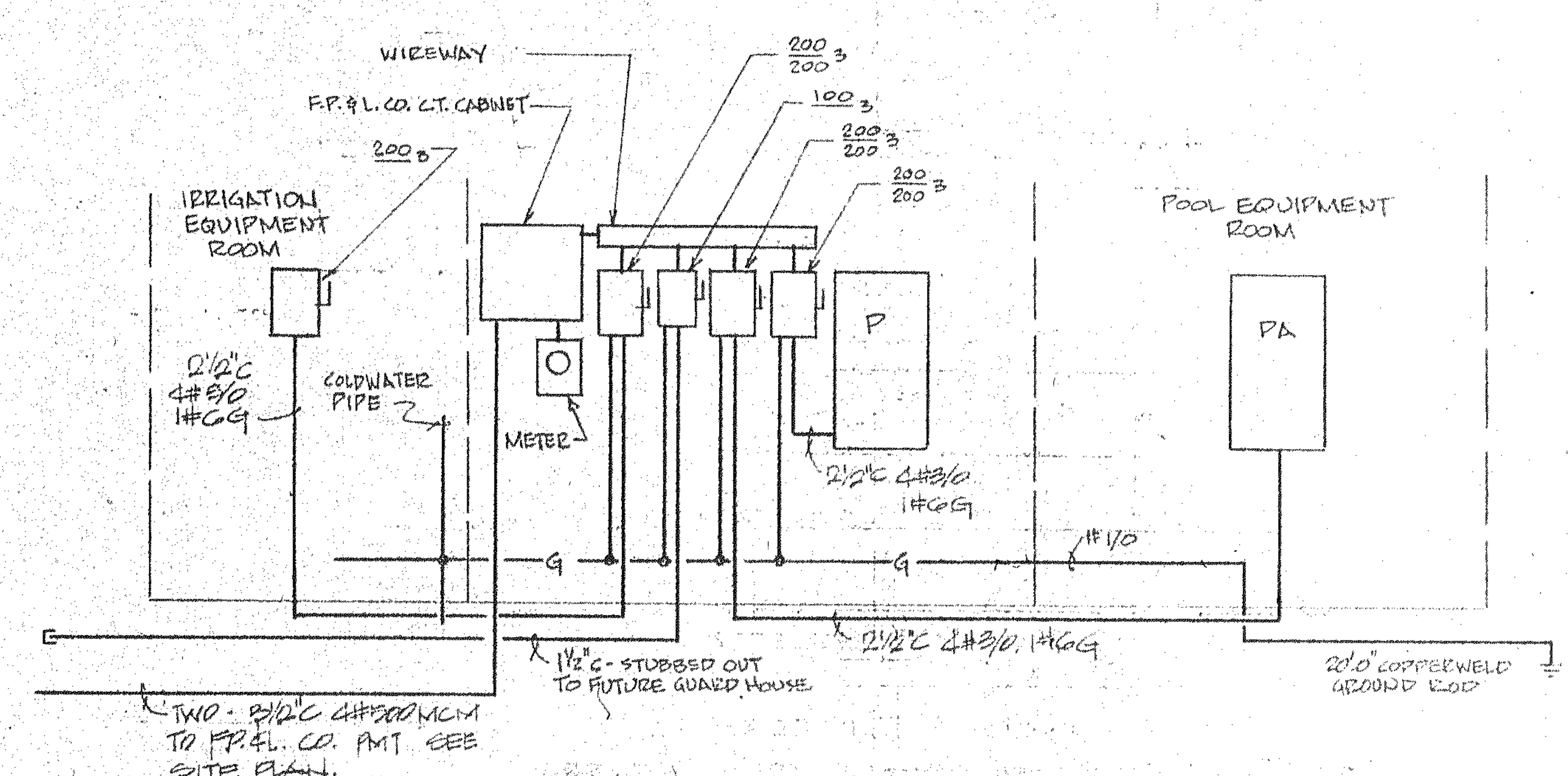
GENERAL ELECTRICAL NOTES:

1. ALL ELECTRICAL WORK SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE, THE STANDARD BUILDING CODE, THE NATIONAL FIRE CODES AND ALL APPLICABLE LOCAL CODES AND ORDINANCES.
2. THE CONTRACTOR SHALL THOROUGHLY REVIEW THE PROJECT TO ENSURE THAT ALL WORK SHALL MEET OR EXCEED THE ABOVE REQUIREMENTS. ANY ALLEGED DISCREPANCIES SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO BID.
3. THE CONTRACTOR IS DIRECTED TO OBTAIN COPIES OF ALL RELATED PLANS, SPECIFICAITONS, SHOP DRAWINGS AND ADDENDUMS TO COORDINATE THE RELATED WORK AND SCHEDULING.
4. THE CONTRACTOR IS REMINDED THAT ELECTRICAL SERVICE TO AND FOR MECHANICAL AND OTHER EQUIPMENT ARE BASED ON EQUIPMENT DESIGN DATA. THE VALUES MAY DIFFER DEPENDING UPON THE ACTUAL EQUIPMENT TO BE FURNISHED; ANY MODIFICATION TO THE ELECTRICAL, BASED UPON ACTUAL EQUIPMENT SELECTION, SHALL RESULT IN NO ADDITIONAL COST TO THE OWNER.
5. MECHANICAL AND ELECTRICAL EQUIPMENT HAVE BEEN LOCATED AND ARRANGED TO MINIMIZE THE INTERFERENCES OF EQUIPMENT AND STRUCTURE. THE CONTRACTOR SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE WORK TO BE PERFORMED BY OTHER TRADES AND THE PHYSICAL CHARACTERISTICS OF THE STRUCTURE IN ORDER TO SCHEDULE AND INSTALL EQUIPMENT AND TO MINIMIZE POSSIBLE INTERFERENCE. FAILURE TO PROPERLY COMMUNICATE AND SCHEDULE WORK WITH OTHER TRADES RESULTING IN ADDITIONAL WORK AND MATERIAL, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE MODIFICATIONS REQUIRED TO RESOLVE THE CONFLICT SHALL BE DECIDED BY THE ENGINEER.
6. PRELIMINARY COORDINATION HAS BEEN STARTED WITH THE LOCAL POWER COMPANY. THE RESULTING UTILITY REQUIREMENTS ARE INDICATED ON THE PLANS; THE CONTRACTOR IS DIRECTED TO OBTAIN FINAL UTILITY REQUIREMENTS AND/OR SPECIFICATIONS AND INCLUDE ALL COST AND CHARGES IN HIS BID.
7. ALL CONDUIT TURN-UPS SHALL BE MADE WITH RIGID GALVANIZED CONDUIT COATED WITH RUST INHIBITOR.
8. MINIMUM TRADE SIZE CONDUIT PERMITTED SHALL BE 3/4 INCH UNLESS NOTED OTHERWISE.
9. ALL CONDUITS SHALL HAVE A SEPARATE GREEN GROUND CONDUCTOR INSTALLED FOR GROUNDING.
10. ALL CONDUITS SHALL BE CONNECTED BY MEANS OF COMPRESSION TYPE CONNECTIONS; NO SET SCREW TYPE FITTINGS SHALL BE PERMITTED.
11. THE PLANS INDICATE THE DESIRED ARRANGEMENT AND GENERAL LOCATIONS OF THE LIGHT FIXTURES. THE ARCHITECTURAL PLANS INDICATE ADDITIONAL DATA AS TO THE FINAL FIXTURE PLACEMENT.
12. THE CONTRACTOR SHALL FURNISH THE CEILING CONTRACTOR COPIES OF APPROVED LIGHT FIXTURE SHOP DRAWINGS.
13. ALL CONDUCTOR METAL SHALL BE COPPER WITH 600 VOLT INSULATION TYPE THW, THHN/THWN, OR THW/THHN/THWN. (MINIMUM SIZE SHALL BE #12AWG.)
14. ALL CONDUIT RUNS SHALL BE CONCEALED UNLESS SPECIFICALLY NOTED OTHERWISE.
15. ALL LIGHT SWITCHES AND DUPLEX RECEPTACLES SHALL BE RATED FOR 20 AMPERE AT 125 VOLTS A/C. WIRING DEVICES SHALL BE MANUFACTURED BY HUBBELL OR APPROVED EQUAL.
16. ALL DISCONNECT SWITCHES SHALL BE THE HEAVY DUTY TYPE WITH BUSSMAN TIME DELAY, DUAL ELEMENT, AND CURRENT LIMITING FUSES.
17. THE CONTRACTOR IS DIRECTED TO VERIFY ALL CEILING MEDIA AND LIGHT FIXTURE FRAMING AND MOUNTINGS PRIOR TO SHOP DRAWING SUBMITTALS. ANY DEVIATION NECESSARY FROM CONTRACT DRAWINGS SHALL BE INDICATED ON SAID SHOP DRAWING SUBMITTAL FOR APPROVAL BY ENGINEER.
18. ALL ELECTRICAL WIRING DEVICES INDICATED TO BE INSTALLED IN WALLS OR FLOORS SHALL BE FLUSH MOUNTED. THE CONDUITS TO ASSOCIATED ELECTRICAL EQUIPMENT SHALL BE CONCEALED IN WALLS OR FLOOR.



POOL HOUSE ELECTRICAL PLAN

scale 1/4" : 1'-0"



ELECTRICAL RISER DIAGRAM

n.t.s.

ARVIDA CORPORATION · EDWARD J SEIBERT AIA ARCHITECT & PLANNER PA · THE SWA GROUP
BRABHAM KUHNS DESBAY CONSULTING ENGINEERS · OLSEN WHITE & ASSOCIATES STRUCTURAL ENGINEERS · BENNETT & ...

ISSUED 4-1-83

REVISED ⚠1 ADDENDUMS 8-23-83

SHEET PH-... OF