MAIN SWITCHBOARD

120/208V, 3Φ, 4W
1600 AMP

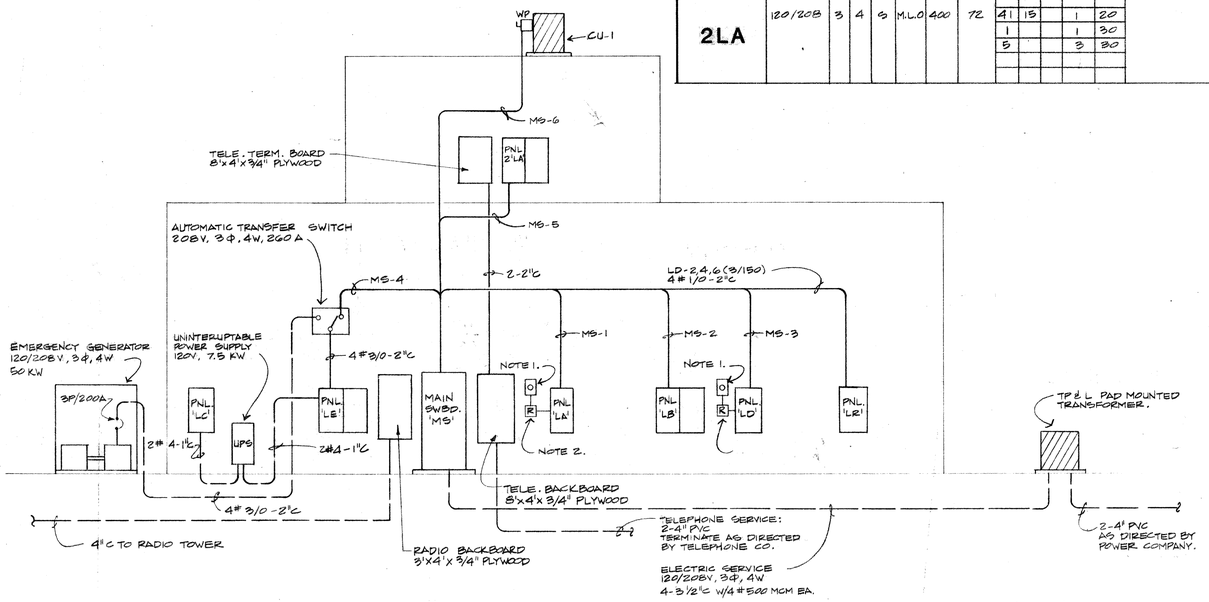
CCT. NO.	SERVES	FUSED SWITCH: SWITCH SIZE	FUSED SWITCH: POLE	FUSED SWITCH: FUSE SIZE	CONDUIT & WIRE	REMARKS
M-1	PANEL 'LA'	400	3	400	2-2½"C W/4 #3/0 EACH	MAIN #1
-2	PANEL 'LB'	400	|	250	4#250 MCM - 2½"C	#2
-3	PANEL 'LD'	400	|	300	4#350MCM - 3"C	#3
-4	PANEL 'LE'	200	|	200	4#3/0 - 2"C	#4
-5	PANEL '2LA'	400	|	250	4#250MCM - 2½"C	#5
-6	CU-1	400	↓	300	3#250 MCM-2½"C	#6

PANELBOARD SCHEDULE

DESIGNATION	VOLTS	PHASE	WIRE	MTG.	MAINS: TYPE	MAINS: AMPS	BRANCH CIRCUIT: TOTAL POLES	ACTIVE	SPARE	SPACE	POLE	AMPS	REMARKS
LA	120/208	3	4	S	M.L.O	400	66	37	17		1	20	
								1			3	30	
								2			3	40	
								1			3	175	
LB	120/208	3	4	S	M.L.O	400	84	40	17	6	1	20	
								2			1	30	
								2			2	30	
								2			3	30	
								1			3	20	
	120	1	2	S	M.L.O	125	8	5	1		1	20	GE # TLM 812 CABLE BOTH PHASE BUSSES TOGETHER
								2			1	30	
LD	120/208	3	4	S	M.L.O	400	42	19	12		1	20	
								1			2	50	
								1			3	40	
								1			3	60	
								1			3	150	
LE	120/208	3	4	S	M.L.O	225	42	22	10		1	20	
								2			1	30	
								1			1	70	
								2			3	20	
								1			3	60	
LR	120/208	3	4	S	M.L.O	225	42	27	12		1	20	
								1			1	25	
								1			2	70	
2LA	120/208	3	4	S	M.L.O	400	72	41	15		1	20	
								1			1	30	
								5			3	30	

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	DIFFUSER / LAMPS	REMARKS
A	2'X4' STATIC FLUORESCENT TROFFER, LAY-IN, WITH BAKED WHITE ENAMEL FINISH, NATURAL ALUMINUM (DEEP 18 CELL) PARABOLIC LOUVER, 120V BALLAST. DAYBRITE # L0A-324-18A24.	PARABOLIC LOUVER 3-F40T12 CW/RS	
B	2'X4' STATIC FLUORESCENT TROFFER, LAY-IN, WITH BAKED WHITE ENAMEL FINISH, RECESSED ALUMINUM DOOR, 120 V BALLAST. DAYBRITE # SS 243-SRA-12D	ACRYLIC PRISMATIC 3-F40T12 CW/RS	
C	SAME AS TYPE 'B' EXCEPT 1'X4', TWO LAMP. DAYBRITE # SS 142-SRA-12A	ACRYLIC PRISMATIC 2-F40T12 CW/RS	
D	SAME AS TYPE 'B' EXCEPT FLANGED FOR GYP. BOARD CEILING. DAYBRITE # SF 244-SRA-12D	ACRYLIC PRISMATIC 4-F40T12 CW/RS	
E	4'-TWO LAMP STRIP, BAKED WHITE ENAMEL FINISH, 120 V BALLAST. WRIGHT LIGHT # S-240 RS	— 2-F40T12 CW/RS	
F	RECESSED INCANDESCENT DOWNLIGHT, CLEAR ALZAK CONE, WHITE TRIM RING, PREWIRED J-BOX, 120 V. MARCO # D41222-S	— 150 W R40 FL	
G	8' ANODIZED ALUMINUM FLUORESCENT FIXTURE WITH WRAP AROUND ACRYLIC LENS, ENCLOSED & GASKETED FOR DAMP LOCATION, LOW TEMP BALLAST, 120V. DEVINE # A216	ACRYLIC PRISMATIC 2-F96T12 CW/HO	
H	SAME AS TYPE 'G' EXCEPT WITH CEILING MOUNTING BRACKETS, TOP ELECTRIC FEED, 4' LENGTH, RAPID START LAMPS. DEVINE # A200-MCB	ACRYLIC PRISMATIC 2-F40T12 CW/RS	
J	DARKROOM DUAL COMPARTMENT INCANDESCENT WITH FRESNEL LENS & KODAK FILTER (FILTER BY OWNER), BAKED WHITE ENAMEL FINISH, 120V. MORLITE # F-548-2DR	LENS & FILTER 15 W A-15 150 W A21	
K	4' THREE CIRCUIT TRACK, SURFACE MOUNTED, WHITE FINISH, WITH WHITE CYLINDRICAL FIXTURES & BLACK LOUVER, THREE FIXTURES PER TRACK, 120 V MARCO # T406300 SERIES, FIXTURES # T362006-P	— 150 W PAR 38	
L	175 W METAL HALIDE DOWNLIGHT WITH CLEAR ALZAK CONE, PREWIRED J-BOX, EXTRA QUIET POTTED BRICK TYPE 120 V BALLAST. MARCO # LD 527256	— 175 W M.H.	
M	20' SPAN OF PLUGMOLD #2100 WITH PORCELAIN SOCKETS #2126 P @ 12" O.C. WIREMOLD	— 20 - 150 W PAR-FL	
N	ADJUSTABLE ACCENT INCANDESCENT FIXTURE WITH SPECULAR CLEAR ALZAK CONE, 120V LIGHTOLIER # 7771-AC	— 250 W PAR 38	
P	KEYLESS PORCELAIN SOCKET P.E.S. #44	— 100 W A19	
Q	WALL MOUNTED FLUORESCENT FIXTURE WITH WRAP AROUND OPAL ACRYLIC DIFFUSER, 120V BALLAST. WRIGHT LIGHT # CPA 8-240L-7	OPAL ACRYLIC 2-F40T12 CW/RS	
R	MAXIMUM SECURITY, CORNER MOUNTED FLOURESCENT FIXTURE, WITH .375 CLEAR POLYCARBONATE & .125 PRISMATIC ACRYLIC LENS, 14 GAUGE C.R.S. HOUSING, DOOR & LENS FRAME, 120V BALLAST, GASKETED, 25W T-10 NIGHT LIGHT. MORLITE # CHX-89-240-X1-DL-NL-120	POLYCARB .375 2-F40T12 CW/RS	
T	MAXIMUM SECURITY, CEILING MOUNTED INCANDESCENT FIXTURE, WITH .25 TEMPERED GLASS WITH PRISMATIC TEMPERED GLASS OVERLAY, GASKETED FOR DAMP LOCATION. MORLITE # SH-150-TG-73T-DL-120	TEMPERED GLASS 150 W INCAND.	
U	MEDIUM SECURITY SURFACE MOUNTED FLUORESCENT FIXTURE WITH .250 CLEAR POLYCARBONATE & .125 PRISMATIC ACRYLIC LENS, 16 GAUGE C.R.S. HOUSING, DOOR & LENS FRAME, 120V BALLAST, GASKETED. MORLITE # SMH-142-240-DI-DL-120V	POLYCARB .250 2-F40T12 CW/RS	
W	RECESSED INCANDESCENT WALL WASH FIXTURE WITH CLEAR ALZAK DUAL REFLECTOR SYSTEM, 120 DEGREE CUT-OFF, 120 V. MARCO # W305507-P	— 150 W A 23	
X	EXIT SIGN, UNIVERSAL MOUNT, UNIVERSAL ARROWS, RED LETTERS, STENCILED FACE, 120 V. PRESCOLITE # 75300 SERIES	RED PLASTIC 2-20W T-6½	
Y	INCANDESCENT DUST IGNITION PROOF FIXTURE U.L. LISTED FOR CLASS II, DIV. I LOCATIONS, PENDANT MOUNTED. APPLETON ELECTRIC # DTP 10778	GLASS 100 W A-23	MOUNTED HGT. : 8'-0" AFF
Z	175 METAL HALIDE RECESSED FIXTURE W/ 8" FLAT FRESNEL LENS, 120 V, -20 °F BALLAST M&ECO # LR 607747-55-CL	GLASS 175 W M.H. E 28	
A_2	SAME AS TYPE 'A' EXCEPT FLANGED FOR GYP. BOARD CEILING DAYBRITE # LFA-324-18A24	3-F40T12 CW/RS	
C_2	SAME AS TYPE 'C' EXCEPT FLANGED FOR GYP. BOARD CEILING DAYBRITE # SF142-SRA12A		
W_2	RECESSED ADJUSTABLE INCANDESCENT W/SCISSOR ARM TO ALLOW LUMINAIRE TO EXTEND PARTLY OR FULLY BELOW CEILING LINE, BLACK LOUVER. MARCO # A507612-79-PP	— 150 W PAR 38	



ELECTRICAL RISER DIAGRAM

NOT TO SCALE

NOTES:

1. TIME SWITCH: 7-DAY WITH SKIP-A-DAY & ASTRO DIAL FEATURES, 3P-DT & 120V MOTOR.
2. RELAY ASCO BUL. #125E-166, 25 AMP, 120V COIL, 6 POLES.

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A NEW POLICE FACILITY FOR THE
TOWN OF ADDISON
4799 AIRPORT PARKWAY
ADDISON, TEXAS
75248

REGISTERED ARCHITECT STATE OF TEXAS

REVISIONS

DATE
7-12-82

S. TOUB & ASSOC.
CONSULTING ENGINEERS
DALLAS TEXAS

SHEET
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