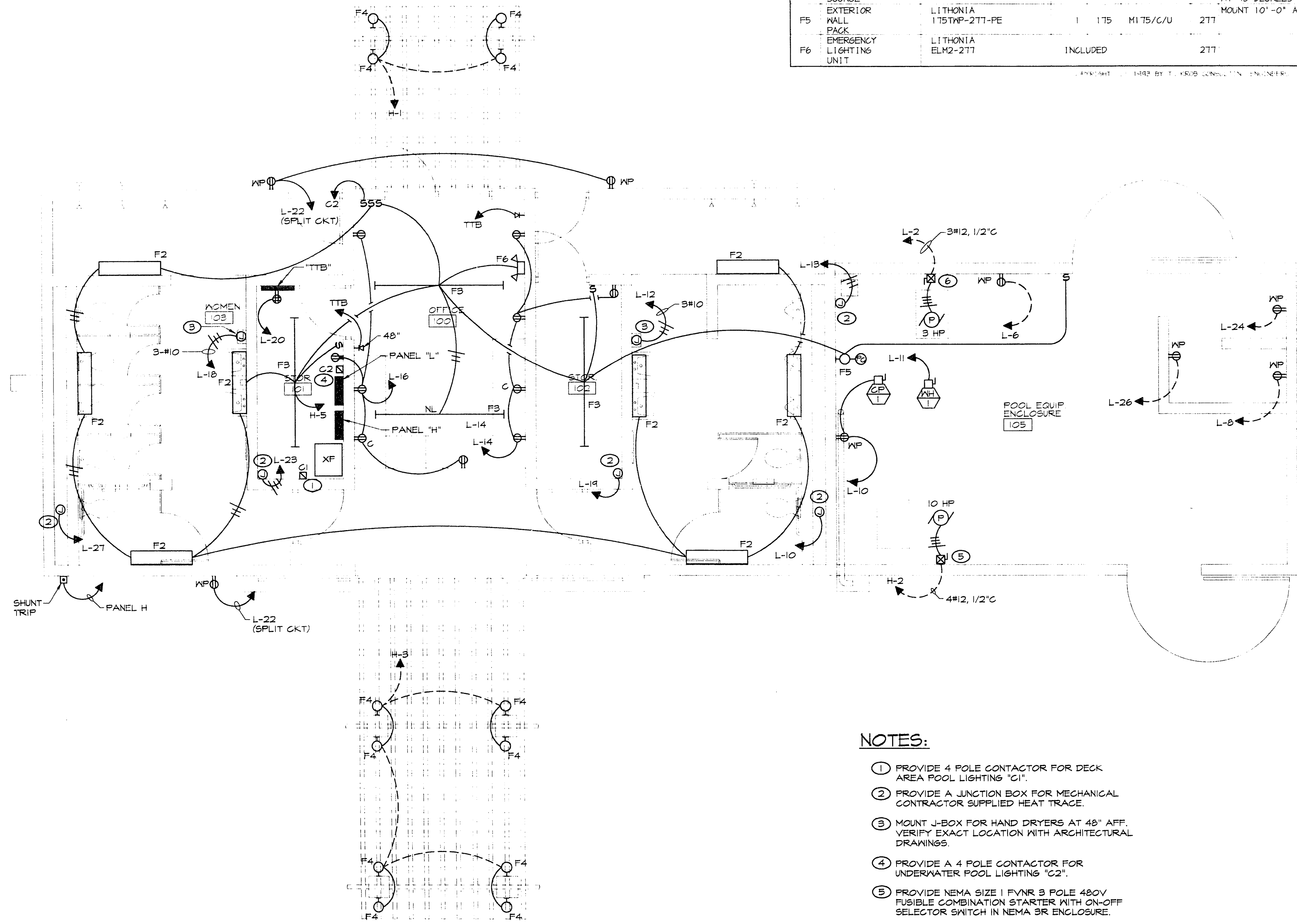


The Trails Park at Summerlin
Las Vegas, Nevada
Pool and Bathhouse

LIGHTING FIXTURE SCHEDULE

FIXT ID	TYPE	MANUFACTURER AND CATALOG NO.	NO.	WATTS	LAMPS TYPE	CKT VLTG	REMARKS AND MOUNTING
F1	POLE MOUNTED HID CUTOFF AREA FIXTURE	GARDCO A261FM1000M440BRALF	1	1000	M1000/U	480	30 FT. POLE MOUNTING
F2	WALL MOUNTED SECURITY FLUORESCENT	NORTHERN LIGHT SHNM-BT-14R-24R-1/EBP/ML-21T	3	40	F40SPX30	277	
F3	6 FOOT 2-LAMP LOUVERED FLUORESCENT EXTERIOR	LITHONIA THL232M277ESSQ4B	4	40	F40SPX30	277	STEM HANG 40" BELOW CEILING
F4	WALL SCENCE EXTERIOR	BEGA 2688P-POLYLENS	1	26	F26DTT/DB35	277	MOUNT 88" AFF AT 45 DEGREES
F5	WALL PACK EMERGENCY LIGHTING UNIT	LITHONIA 175THP-27T-PE LITHONIA ELM2-27T	1	175	M175/C/U	277	MOUNT 10'-0" AFF
F6					INCLUDED	277	



- NOTES:**
- PROVIDE 4 POLE CONTACTOR FOR DECK AREA POOL LIGHTING "C1".
 - PROVIDE A JUNCTION BOX FOR MECHANICAL CONTRACTOR SUPPLIED HEAT TRACE.
 - MOUNT J-BOX FOR HAND DRYERS AT 48" AFF. VERIFY EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
 - PROVIDE A 4 POLE CONTACTOR FOR UNDERWATER POOL LIGHTING "C2".
 - PROVIDE NEMA SIZE 1 FVNR 3 POLE 480V FUSIBLE COMBINATION STARTER WITH ON-OFF SELECTOR SWITCH IN NEMA 3R ENCLOSURE.
 - PROVIDE NEMA SIZE 1 FVNR 2 POLE 240V FUSIBLE COMBINATION STARTER WITH ON-OFF SELECTOR SWITCH IN NEMA 3R ENCLOSURE.

ELECTRICAL LIGHTING, POWER PLAN
SCALE: 1/4"=1'-0"

PANEL L, 3 PH, 4 WIRE, 120/208 VOLTS, 100 A MCB SURFACE MOUNTED MIN INTERRUPTING RATING 10,000 RMS SYM AMPS LOCATION: STORAGE 101 NEMA 1

L=LIGHTS, R=RECEPTACLES, M=MECHANICAL EQUIPMENT, SO=SPACE ONLY, SC=SPARE CIRCUIT, E=EXISTING, 6=6FT BREAKER, MLO=MAIN LUGS ONLY, MCB=MAIN CIRCUIT BREAKERS, N=NEM

POLE SPACE	CIRCUIT USE	BKR RATING	CONNECTED LOAD VA			BKR RATING	CIRCUIT USE	POLE SPACE
			A	B	C			
1, 1	L-UNDERWATER	20/6	1500					
3, 3	L-UNDERWATER	20/6	1150	700		30/2	3 HP POOL PUMP	2, 2
5, 5	L-UNDERWATER	20/6	1500					
7, 7	L-UNDERWATER	20/6	1500			2400, 20/6	R-CHEM SYSTEM	6, 6
9, 9	R-POOL DECK	20/6	1200			20/6	R-CHEM SYSTEM	8, 8
11, 11	RATER HEATER	20/6	180			20/6	R-POOL PAD	10, 10
13, 13	HEAT TRACE	20/2/6	1000			2400, 30/6	HAND DRYER	12, 12
15, 15		X	900			20	R-OFFICE	14, 14
17, 17	HEAT TRACE	20/6	1000			20	R-OFFICE	16, 16
19, 19	HEAT TRACE	20/2/6	1000			2400, 30/6	HAND DRYER	18, 18
21, 21		X	360			20	R-TTB	20, 20
23, 23	HEAT TRACE	20/2/6	1000			20/6	R-EXTERIOR	22, 22
25, 25		X	500			180, 20/6	R-CHEM SYSTEM ACID	24, 24
27, 27	HEAT TRACE	20/6	500			20/6	CHEM CONTROL PANEL	26, 26
29, 29	SC					20		28, 28
31, 31								30, 30
33, 33								32, 32
35, 35								34, 34
37, 37								36, 36
39, 39								38, 38
41, 41								40, 40
			10110	6800	11890			42, 42

PANEL H, 3 PH, 4 WIRE, 277/480 VOLTS, 100 A MCB SURFACE MOUNTED MIN INTERRUPTING RATING 10,000 RMS SYM AMPS LOCATION: STORAGE 101 NEMA 1

L=LIGHTS, R=RECEPTACLES, M=MECHANICAL EQUIPMENT, SO=SPACE ONLY, SC=SPARE CIRCUIT, E=EXISTING, 6=6FT BREAKER, MLO=MAIN LUGS ONLY, MCB=MAIN CIRCUIT BREAKERS, N=NEM

POLE SPACE	CIRCUIT USE	BKR RATING	CONNECTED LOAD VA			BKR RATING	CIRCUIT USE	POLE SPACE
			A	B	C			
1, 1	L-EXTERIOR	20	300					
3, 3	L-EXTERIOR	20	3680			30/3	10 HP POOL PUMP	2, 2
5, 5	L-INTERIOR	20	300					
7, 7	L-POOL AREA	30/2/6	3680			X	X	4, 4
9, 9		X	3680			20	SC	6, 6
11, 11						20	SC	8, 8
13, 13						20	SC	10, 10
15, 15						20	SC	12, 12
17, 17						20	SC	14, 14
19, 19						20	SC	16, 16
21, 21			10110			45/3	PANEL L	18, 18
23, 23						20	SC	20, 20
25, 25				6800		X	X	22, 22
27, 27					11890	X	X	24, 24
29, 29								26, 26
31, 31								28, 28
33, 33								30, 30
35, 35								32, 32
37, 37								34, 34
39, 39								36, 36
41, 41								38, 38
								40, 40
			17910	14660	16910			42, 42

DESIGN WORKSHOP, INC.

LAND PLANNING
URBAN DESIGN
310 SOUTH MILL AVENUE, SUITE 201
TAMPA, ARIZONA 85281
(602) 966-5881

**HOLMES
SABATINI
ASSOCIATES**
ARCHITECTS
3625 South Mojave,
Suite 7
Las Vegas, NV 89121
(702) 791-7882
FAX (702) 794-3658
A Professional Corporation
COPYRIGHT © 1994 BY HOLMES
SABATINI ASSOCIATES ARCHITECTS

REVISIONS

Date _____
Date _____
Date _____
DATE 02/14/94
Job No. 3114/LTGPWR
Drawn DSN/JDI
Approved TOM KROB

SHEET TITLE
**ELECTRICAL
LIGHTING, AND
POWER PLAN**

DRAWING NUMBER

TJ KROB
CONSULTING ENGINEERS, INC.
1919 S. JONES BLVD.
SUITE B
LAS VEGAS, NEVADA 89102
(702) 871-3621
ELECTRICAL ENGINEERING

E200