

SERVICE PANEL SP-1, 1 PH, 3 WIRE 120/240 VOLTS 200 AMP MAIN CB
MIN INTERRUPTING RATING 10,000 RMS SYM AMPS LOCATION: DURANGO & TROPICAL NEMA 3R

L=LIGHTS, R=RECEPTACLES, M=MECHANICAL EQUIPMENT, SO=SPACE ONLY
SC=SPARE CIRCUIT, E=EXISTING, G=GFI BREAKER, F=FIXED EQUIPMENT,
N=NEW, MCB=MAIN CIRCUIT BREAKER, MLO=MAIN LUGS ONLY

POLE SPACE NO. (1-16)	CIRCUIT USE	GFI RATING	CONNECTED LOAD (VA)		GFI RATING	CIRCUIT USE	POLE SPACE NO. (1-16)
			A	B			
1	MAIN	-	-	-	-	MAIN	2
3	MAIN	-	-	-	-	MAIN	4
1 5	L-DURANGO (EAST SIDE)	60/2	1350	-	15/1	F-CONTACTOR CONTROL	6 2
7	L X	X	200	1350	-	-	8
5 9	L-DURANGO (WEST SIDE)	60/2	1350	-	60/1	F-SIGNAL CONTROLLER	10 6
11	L X	X	4800	1350	40/1	L-INTERSECTION LIGHTS	12 8
13	SO	-	-	-	-	SO	14
15	SO	-	-	-	-	SO	16
			7700	5900	TOTAL PER PHASE		
			13600	-	TOTAL CONNECTED		

CONTACTOR SCHEDULE:

CONTACTOR #	RATING	No. POLES	CKT #s
C1	60	2	1
C2	60	2	5

SERVICE PANEL SP-2, 1 PH, 3 WIRE 120/240 VOLTS 200 AMP MAIN CB
MIN INTERRUPTING RATING 10,000 RMS SYM AMPS LOCATION: DURANGO 37+00 NEMA 3R

L=LIGHTS, R=RECEPTACLES, M=MECHANICAL EQUIPMENT, SO=SPACE ONLY
SC=SPARE CIRCUIT, E=EXISTING, G=GFI BREAKER, F=FIXED EQUIPMENT,
N=NEW, MCB=MAIN CIRCUIT BREAKER, MLO=MAIN LUGS ONLY

POLE SPACE NO. (1-16)	CIRCUIT USE	GFI RATING	CONNECTED LOAD (VA)		GFI RATING	CIRCUIT USE	POLE SPACE NO. (1-16)
			A	B			
1	MAIN	-	-	-	-	MAIN	2
3	MAIN	-	-	-	-	MAIN	4
1 5	L-DURANGO (NORTH SIDE)	60/2	2700	-	15/1	F-CONTACTOR CONTROL	6 2
3 7	L X	X	200	2700	-	-	8 4
5 9	L-DURANGO (SOUTH SIDE)	60/2	2760	-	15/1	F-CONTACTOR CONTROL	6 2
7 11	L X	X	2760	200	-	SO	10 6
9 13	SO	-	-	-	-	SO	12 8
11 15	SO	-	-	-	-	SO	14 10
			5660	5660	TOTAL PER PHASE		
			11320	-	TOTAL CONNECTED		

CONTACTOR SCHEDULE:

CONTACTOR #	RATING	No. POLES	CKT #s
C1	60	2	1
C2	60	2	5

SERVICE PANEL SP-3, 1 PH, 3 WIRE 120/240 VOLTS 200 AMP MAIN CB
MIN INTERRUPTING RATING 10,000 RMS SYM AMPS LOCATION: GRAND MONTECITO PKWY NEMA 3R

L=LIGHTS, R=RECEPTACLES, M=MECHANICAL EQUIPMENT, SO=SPACE ONLY
SC=SPARE CIRCUIT, E=EXISTING, G=GFI BREAKER, F=FIXED EQUIPMENT,
N=NEW, MCB=MAIN CIRCUIT BREAKER, MLO=MAIN LUGS ONLY

POLE SPACE NO. (1-16)	CIRCUIT USE	GFI RATING	CONNECTED LOAD (VA)		GFI RATING	CIRCUIT USE	POLE SPACE NO. (1-16)
			A	B			
1	MAIN	-	-	-	-	MAIN	2
3	MAIN	-	-	-	-	MAIN	4
1 5	L-DURANGO LOOP (NORTH)	60/2	600	-	15/1	F-CONTACTOR CONTROL	6 2
7	L X	X	200	600	-	-	8
5 9	L-DURANGO LOOP (SOUTH)	60/2	450	-	60/1	F-SIGNAL CONTROLLER	10 6
11	L X	X	4800	450	40/1	L-INTERSECTION LIGHTS	12 8
13	SO	-	-	-	-	SO	14
15	SO	-	-	-	-	SO	16
			6050	4050	TOTAL PER PHASE		
			10100	-	TOTAL CONNECTED		

CONTACTOR SCHEDULE:

CONTACTOR #	RATING	No. POLES	CKT #s
C1	60	2	1
C2	60	2	5

SERVICE PANEL SP-4, 1 PH, 3 WIRE 120/240 VOLTS 200 AMP MAIN CB
MIN INTERRUPTING RATING 10,000 RMS SYM AMPS LOCATION: DURANGO & CENTENNIAL NEMA 3R

L=LIGHTS, R=RECEPTACLES, M=MECHANICAL EQUIPMENT, SO=SPACE ONLY
SC=SPARE CIRCUIT, E=EXISTING, G=GFI BREAKER, F=FIXED EQUIPMENT,
N=NEW, MCB=MAIN CIRCUIT BREAKER, MLO=MAIN LUGS ONLY

POLE SPACE NO. (1-16)	CIRCUIT USE	GFI RATING	CONNECTED LOAD (VA)		GFI RATING	CIRCUIT USE	POLE SPACE NO. (1-16)
			A	B			
1	MAIN	-	-	-	-	MAIN	2
3	MAIN	-	-	-	-	MAIN	4
1 5	L-DURANGO (NORTH SIDE)	60/2	2700	-	15/1	F-CONTACTOR CONTROL	6 2
7	L X	X	200	2700	-	SO	8
5 9	L-DURANGO (SOUTH SIDE)	60/2	2550	-	60/1	F-SIGNAL CONTROLLER	10 6
11	L X	X	4800	2550	40/1	L-INTERSECTION LIGHTS	12 8
13	SO	-	-	-	-	SO	14
15	SO	-	-	-	-	SO	16
			10250	8250	TOTAL PER PHASE		
			18500	-	TOTAL CONNECTED		

CONTACTOR SCHEDULE:

CONTACTOR #	RATING	No. POLES	CKT #s
C1	60	2	1
C2	60	2	5

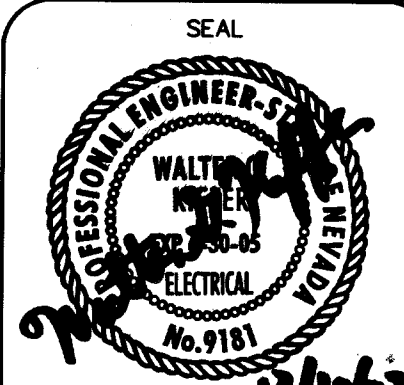
DEPARTMENT OF PUBLIC WORKS
CITY OF LAS VEGAS



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TITLE
STREET LIGHTING
CIRCUIT PANEL SCHEDULE

PROJECT
DURANGO DRIVE IMPROVEMENTS
TROPICAL PARKWAY TO I-215



NO. NO. 5878
BY LMW, WBM
DATE 12/05/03
SCALE HORIZ. NONE
VERT. NONE
DRAWING T3 SHEET 55 OF 71 SHEETS