

STREETLIGHT CIRCUIT CAPACITY VERIFICATION		
CIRCUIT SP1-1		
EXISTING SERVICE POINT CAPACITY	60	AMPS
MAXIMUM ALLOWABLE DRAW (.80 x 60 AMPS)	48	AMPS
EXISTING CIRCUIT LOAD	0	AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT		
(A) 100 WATT LUMINAIRES @ 0.6 AMP EACH	0	AMPS
(B) 150 WATT LUMINAIRES @ 0.9 AMPS EACH	0	AMPS
(C) 9-250 WATT LUMINAIRES @ 1.35 AMPS EACH	12.15	AMPS
(D) 400 WATT LUMINAIRES @ 1.9 AMPS EACH	0	AMPS
TOTAL PROPOSED LOAD	12.15	AMPS
EXISTING PLUS PROPOSED LOAD	12.15	AMPS
REMAINING AVAILABLE LOAD	35.85	AMPS
AS OF 5/31/01 BY WALTER G. KIFFER, P.E.		

STREETLIGHT CIRCUIT CAPACITY VERIFICATION		
CIRCUIT SP1-5		
EXISTING SERVICE POINT CAPACITY	60	AMPS
MAXIMUM ALLOWABLE DRAW (.80 x 60 AMPS)	48	AMPS
EXISTING CIRCUIT LOAD	0	AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT		
(A) 100 WATT LUMINAIRES @ 0.6 AMP EACH	0	AMPS
(B) 150 WATT LUMINAIRES @ 0.9 AMPS EACH	0	AMPS
(C) 9-250 WATT LUMINAIRES @ 1.35 AMPS EACH	12.15	AMPS
(D) 400 WATT LUMINAIRES @ 1.9 AMPS EACH	0	AMPS
TOTAL PROPOSED LOAD	12.15	AMPS
EXISTING PLUS PROPOSED LOAD	12.15	AMPS
REMAINING AVAILABLE LOAD	35.85	AMPS
AS OF 5/31/01 BY WALTER G. KIFFER, P.E.		

STREETLIGHT CIRCUIT CAPACITY VERIFICATION		
CIRCUIT SP2-1		
EXISTING SERVICE POINT CAPACITY	60	AMPS
MAXIMUM ALLOWABLE DRAW (.80 x 60 AMPS)	48	AMPS
EXISTING CIRCUIT LOAD	0	AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT		
(A) 100 WATT LUMINAIRES @ 0.6 AMP EACH	0	AMPS
(B) 150 WATT LUMINAIRES @ 0.9 AMPS EACH	0	AMPS
(C) 18-250 WATT LUMINAIRES @ 1.35 AMPS EACH	24.3	AMPS
(D) 400 WATT LUMINAIRES @ 1.9 AMPS EACH	0	AMPS
TOTAL PROPOSED LOAD	24.3	AMPS
EXISTING PLUS PROPOSED LOAD	24.3	AMPS
REMAINING AVAILABLE LOAD	23.7	AMPS
AS OF 5/31/01 BY WALTER G. KIFFER, P.E.		

STREETLIGHT CIRCUIT CAPACITY VERIFICATION		
CIRCUIT SP2-5		
EXISTING SERVICE POINT CAPACITY	60	AMPS
MAXIMUM ALLOWABLE DRAW (.80 x 60 AMPS)	48	AMPS
EXISTING CIRCUIT LOAD	0	AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT		
(A) 100 WATT LUMINAIRES @ 0.6 AMP EACH	0	AMPS
(B) 150 WATT LUMINAIRES @ 0.9 AMPS EACH	0	AMPS
(C) 17-250 WATT LUMINAIRES @ 1.35 AMPS EACH	22.95	AMPS
(D) 400 WATT LUMINAIRES @ 1.9 AMPS EACH	0	AMPS
TOTAL PROPOSED LOAD	22.95	AMPS
EXISTING PLUS PROPOSED LOAD	22.95	AMPS
REMAINING AVAILABLE LOAD	25.05	AMPS
AS OF 12/09/03 BY WALTER G. KIFFER, P.E.		

STREETLIGHT CIRCUIT CAPACITY VERIFICATION		
CIRCUIT SP3-1		
EXISTING SERVICE POINT CAPACITY	60	AMPS
MAXIMUM ALLOWABLE DRAW (.80 x 60 AMPS)	48	AMPS
EXISTING CIRCUIT LOAD	0	AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT		
(A) 100 WATT LUMINAIRES @ 0.6 AMP EACH	0	AMPS
(B) 150 WATT LUMINAIRES @ 0.9 AMPS EACH	0	AMPS
(C) 4-250 WATT LUMINAIRES @ 1.35 AMPS EACH	5.4	AMPS
(D) 400 WATT LUMINAIRES @ 1.9 AMPS EACH	0	AMPS
TOTAL PROPOSED LOAD	5.4	AMPS
EXISTING PLUS PROPOSED LOAD	5.4	AMPS
REMAINING AVAILABLE LOAD	42.6	AMPS
AS OF 6/1/01 BY WALTER G. KIFFER, P.E.		

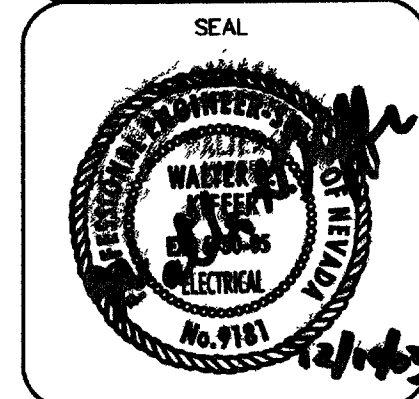
STREETLIGHT CIRCUIT CAPACITY VERIFICATION		
CIRCUIT SP3-5		
EXISTING SERVICE POINT CAPACITY	60	AMPS
MAXIMUM ALLOWABLE DRAW (.80 x 60 AMPS)	48	AMPS
EXISTING CIRCUIT LOAD	0	AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT		
(A) 100 WATT LUMINAIRES @ 0.6 AMP EACH	0	AMPS
(B) 150 WATT LUMINAIRES @ 0.9 AMPS EACH	0	AMPS
(C) 3-250 WATT LUMINAIRES @ 1.35 AMPS EACH	4.05	AMPS
(D) 400 WATT LUMINAIRES @ 1.9 AMPS EACH	0	AMPS
TOTAL PROPOSED LOAD	4.05	AMPS
EXISTING PLUS PROPOSED LOAD	4.05	AMPS
REMAINING AVAILABLE LOAD	43.95	AMPS
AS OF 6/1/01 BY WALTER G. KIFFER, P.E.		

STREETLIGHT CIRCUIT CAPACITY VERIFICATION		
CIRCUIT SP4-1		
EXISTING SERVICE POINT CAPACITY	60	AMPS
MAXIMUM ALLOWABLE DRAW (.80 x 60 AMPS)	48	AMPS
EXISTING CIRCUIT LOAD	0	AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT		
(A) 100 WATT LUMINAIRES @ 0.6 AMP EACH	0	AMPS
(B) 150 WATT LUMINAIRES @ 0.9 AMPS EACH	0	AMPS
(C) 2-250 WATT LUMINAIRES @ 1.35 AMPS EACH	2.70	AMPS
(D) 400 WATT LUMINAIRES @ 1.9 AMPS EACH	0	AMPS
TOTAL PROPOSED LOAD	2.70	AMPS
EXISTING PLUS PROPOSED LOAD	2.70	AMPS
REMAINING AVAILABLE LOAD	45.3	AMPS
AS OF 08/13/03 BY WALTER G. KIFFER, P.E.		

STREETLIGHT CIRCUIT CAPACITY VERIFICATION		
CIRCUIT SP4-5		
EXISTING SERVICE POINT CAPACITY	60	AMPS
MAXIMUM ALLOWABLE DRAW (.80 x 60 AMPS)	48	AMPS
EXISTING CIRCUIT LOAD	0	AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT		
(A) 100 WATT LUMINAIRES @ 0.6 AMP EACH	0	AMPS
(B) 150 WATT LUMINAIRES @ 0.9 AMPS EACH	0	AMPS
(C) 2-250 WATT LUMINAIRES @ 1.35 AMPS EACH	2.7	AMPS
(D) 400 WATT LUMINAIRES @ 1.9 AMPS EACH	0	AMPS
TOTAL PROPOSED LOAD	2.7	AMPS
EXISTING PLUS PROPOSED LOAD	2.7	AMPS
REMAINING AVAILABLE LOAD	45.3	AMPS
AS OF 6/1/01 BY WALTER G. KIFFER, P.E.		

RECORD DRAWING INFORMATION AS PROVIDED BY TAB CONTRACTORS, INC.		REVISION	
LOR	10/19/03	BY	DATE
1	REV		
DEPARTMENT OF PUBLIC WORKS CITY OF LAS VEGAS		CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS 2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89102-5148 PHONE (702) 873-7550 FAX (702) 362-2597	

TITLE	STREET LIGHTING CIRCUIT PANEL SCHEDULE & CIRCUIT CAPACITY VERIFICATION
PROJECT	DURANGO DRIVE IMPROVEMENTS TROPICAL PARKWAY TO I-215



WO. NO.	5678
BY	LMW,WBM
DATE	12/05/03
SCALE	HORIZ. NONE VERT. NONE
DRAWING	T3
SHEET	54 OF 71 SHEETS