EXISTING SERVICE PANEL, 1 PH, 3 WIRE, 120/240 VOLTS 200 AMP MAIN CB
MIN INTERRUPTING RATING 10k RMS SYM AMPS LOCATION: GRAND CANYON/HORSE DR NEMA 3R

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

POLE SPACE CKT #	POLE SPACE CKT #	CIRCUIT USE	CKT BKR RATING	CONNECTED LOAD VA A	CONNECTED LOAD VA B	CKT BKR RATING	CIRCUIT USE	POLE SPACE CKT #	POLE SPACE CKT #
1	1	MAIN	200/2		—				
				2000	—	60	TRAFFIC SIGNAL CABINET	2	2
	3	MAIN	X	—					
				—		X	X	4	
5	5	EXISTING LIGHTING	60/2		—				
					—	15	EXISTING PHOTOCELL	6	6
	7	X	X	—					
				—		15	EXISTING	8	8
	9	SO			—				
					—		SO	10	
	11	SO		—					
				—			SO	12	
	13	SO			—				
					—		SO	14	
	15	SO		—					
				—			SO	16	
				2000	0				
				2000					

CONTACTOR SCHEDULE

CONTACTOR #	RATING	No. POLES	CKT #'S
C1	60	2	5
C2	60	2	SPARE

CONTACTOR CONTROLLED BY PHOTOCELL MOUNTED ON SERVICE PEDESTAL. MOUNT PHOTOCELL SO THAT IT IS FACING AWAY FROM ONCOMING TRAFFIC. PROVIDE BYPASS SWITCH MOUNTED WITHIN SERVICE PEDESTAL TO OVERRIDE PHOTOCELL FOR TESTING.
* PROVIDE NEW BREAKER AS INDICATED

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EXISTING SERVICE PANEL, 1 PH, 3 WIRE, 120/240 VOLTS 200 AMP MAIN CB
MIN INTERRUPTING RATING 10k RMS SYM AMPS LOCATION: FT APACHE/BRENT LN NEMA 3R

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

POLE SPACE CKT #	POLE SPACE CKT #	CIRCUIT USE	CKT BKR RATING	CONNECTED LOAD VA A	CONNECTED LOAD VA B	CKT BKR RATING	CIRCUIT USE	POLE SPACE CKT #	POLE SPACE CKT #
1	1	MAIN	200/2		—				
				—		60	TRAFFIC SIGNAL CABINET	2	2
	3	MAIN	X	—					
				—		X	X	4	
5	5	EXISTING	20		—				
					—		SO	6	
	7	SO		—					
				—			SO	8	
	9	SO			—				
					—		SO	10	
	11	SO		—					
				—			SO	12	
	13	SO			—				
					—		SO	14	
	15	SO		—					
				—			SO	16	
				0	0				
				0					

CONTACTOR SCHEDULE

CONTACTOR #	RATING	No. POLES	CKT #'S
C1	60	2	SPARE
C2	60	2	SPARE

CONTACTOR CONTROLLED BY PHOTOCELL MOUNTED ON SERVICE PEDESTAL. MOUNT PHOTOCELL SO THAT IT IS FACING AWAY FROM ONCOMING TRAFFIC. PROVIDE BYPASS SWITCH MOUNTED WITHIN SERVICE PEDESTAL TO OVERRIDE PHOTOCELL FOR TESTING.
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EXISTING SERVICE PANEL, 1 PH, 3 WIRE, 120/240 VOLTS 200 AMP MAIN CB
MIN INTERRUPTING RATING 10k RMS SYM AMPS LOCATION: FT APACHE/IRON MOUNTAIN NEMA 3R

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

POLE SPACE CKT #	POLE SPACE CKT #	CIRCUIT USE	CKT BKR RATING	CONNECTED LOAD VA A	CONNECTED LOAD VA B	CKT BKR RATING	CIRCUIT USE	POLE SPACE CKT #	POLE SPACE CKT #
1	1	MAIN	200/2		—				
				—		60	TRAFFIC SIGNAL CABINET	2	2
	3	MAIN	X	—					
				—		X	X	4	
5	5	EXISTING	60/2		—				
					—		SO	6	
	7	X	X	—					
				—			SO	8	
9	9	EXISTING	60/2		—				
					—		SO	10	
	11	X	X	—					
				—			SO	12	
13	13	EXISTING	15		—				
					—		SO	14	
	15	SO		—					
				—			SO	16	
				0	0				
				0					

CONTACTOR SCHEDULE

CONTACTOR #	RATING	No. POLES	CKT #'S
C1	60	2	5
C2	60	2	9

CONTACTOR CONTROLLED BY PHOTOCELL MOUNTED ON SERVICE PEDESTAL. MOUNT PHOTOCELL SO THAT IT IS FACING AWAY FROM ONCOMING TRAFFIC. PROVIDE BYPASS SWITCH MOUNTED WITHIN SERVICE PEDESTAL TO OVERRIDE PHOTOCELL FOR TESTING.
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EXISTING SERVICE PANEL, 1 PH, 3 WIRE, 120/240 VOLTS 200 AMP MAIN CB
MIN INTERRUPTING RATING 10k RMS SYM AMPS LOCATION: OSO BLANCA/TEE PEE NEMA 3R

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

POLE SPACE CKT #	POLE SPACE CKT #	CIRCUIT USE	CKT BKR RATING	CONNECTED LOAD VA A	CONNECTED LOAD VA B	CKT BKR RATING	CIRCUIT USE	POLE SPACE CKT #	POLE SPACE CKT #
1	1	MAIN	200/2		—				
					—	15	EXISTING	2	2
	3	MAIN	X	—					
				—		15	EXISTING	4	4
5	5	EXISTING	60/2		—				
					—		SO	6	
	7	X	X	—					
				—			SO	8	
	9	SO			—				
					—		SO	10	
	11	SO		—					
				—			SO	12	
	13	SO			—				
					—		SO	14	
	15	SO		—					
				—			SO	16	
				0	0				
				0					

CONTACTOR SCHEDULE

CONTACTOR #	RATING	No. POLES	CKT #'S
C1	60	2	SPARE
C2	60	2	SPARE

CONTACTOR CONTROLLED BY PHOTOCELL MOUNTED ON SERVICE PEDESTAL. MOUNT PHOTOCELL SO THAT IT IS FACING AWAY FROM ONCOMING TRAFFIC. PROVIDE BYPASS SWITCH MOUNTED WITHIN SERVICE PEDESTAL TO OVERRIDE PHOTOCELL FOR TESTING.
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NEW SERVICE PANEL SP1, 1 PH, 3 WIRE, 120/240 VOLTS 200 AMP MAIN CB
MIN INTERRUPTING RATING 10k RMS SYM AMPS LOCATION: OSO BLANCA RD., NEMA 3R

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

POLE SPACE CKT #	POLE SPACE CKT #	CIRCUIT USE	CKT BKR RATING	CONNECTED LOAD VA A	CONNECTED LOAD VA B	CKT BKR RATING	CIRCUIT USE	POLE SPACE CKT #	POLE SPACE CKT #
1	1	MAIN	200/2		—				
					—	15	R PHOTOCELL	2	2
	3	MAIN	X	—					
				—		60/2	L SC	4	4
5	5	L SC	60/2		—				
					—	X	L X	6	
	7	L X	X	—					
				—	1296	60/2	L OSA BLANCA LIGHTS	8	8
9	9	L OSA BLANCA LIGHTS	60/2	1296	—				
				1296	—	X	L X	10	
	11	L X	X	—	1296				
				—			SO	12	
13	13	L SC	60/2		—				
					—		SO	14	
	15	L X	X	—					
				—			SO	16	
				2592	2592				
				5184					

**METER # ___-___-___

CONTACTOR SCHEDULE

CONTACTOR #	RATING	No. POLES	CKT #'S
C1	60	2	#5
C2	60	2	#9
C3	60	2	#4
C4	60	2	#8
C5	60	2	SPARE

CONTACTOR CONTROLLED BY PHOTOCELL MOUNTED ON SERVICE PEDESTAL. MOUNT PHOTOCELL SO THAT IT IS FACING AWAY FROM ONCOMING TRAFFIC. PROVIDE BYPASS SWITCH MOUNTED WITHIN SERVICE PEDESTAL TO OVERRIDE PHOTOCELL FOR TESTING.
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NEW SERVICE PANEL SP2, 1 PH, 3 WIRE, 120/240 VOLTS 200 AMP MAIN CB
MIN INTERRUPTING RATING 10k RMS SYM AMPS LOCATION: SKY POINTE DR., NEMA 3R

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

POLE SPACE CKT #	POLE SPACE CKT #	CIRCUIT USE	CKT BKR RATING	CONNECTED LOAD VA A	CONNECTED LOAD VA B	CKT BKR RATING	CIRCUIT USE	POLE SPACE CKT #	POLE SPACE CKT #
1	1	MAIN	200/2		—				
					—	15	R PHOTOCELL	2	2
	3	MAIN	X	—					
				—			SO	4	
5	5	L SC	60/2		—				
					—		SO	6	
	7	L X	X	—					
				—			SO	8	
9	9	L APACHE/SKY ST. LIGHTS	60/2	4896	—				
					—		SO	10	
	11	L X	X	—	4896				
				—			SO	12	
13	13	L APACHE/SKY ST. LIGHTS	60/2	4291	—				
					—		SO	14	
	15	L X	X	—	4291				
				—			SO	16	
				9187	9187				
				18374					

CONTACTOR SCHEDULE

CONTACTOR #	RATING	No. POLES	CKT #'S
C1	60	2	#5
C2	60	2	#9
C3	60	2	#13

CONTACTOR CONTROLLED BY PHOTOCELL MOUNTED ON SERVICE PEDESTAL. MOUNT PHOTOCELL SO THAT IT IS FACING AWAY FROM ONCOMING TRAFFIC. PROVIDE BYPASS SWITCH MOUNTED WITHIN SERVICE PEDESTAL TO OVERRIDE PHOTOCELL FOR TESTING.
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NEW SERVICE PANEL SP3, 1 PH, 3 WIRE, 120/240 VOLTS 200 AMP MAIN CB
MIN INTERRUPTING RATING 10k RMS SYM AMPS LOCATION: HORSE DR. NEMA 3R

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

POLE SPACE CKT #	POLE SPACE CKT #	CIRCUIT USE	CKT BKR RATING	CONNECTED LOAD VA A	CONNECTED LOAD VA B	CKT BKR RATING	CIRCUIT USE	POLE SPACE CKT #	POLE SPACE CKT #
1	1	MAIN	200/2		—				
					—	15	R PHOTOCELL	2	2
	3	MAIN	X	—					
				—			SO	4	
5	5	L HORSE DR. ST. LIGHTS	60/2	3917	—				
					—		SO	6	
	7	L X	X	—	3917				
				—			SO	8	
9	9	SC	60/2		—				
					—		SO	10	
	11	X	X	—					
				—			SO	12	
	13	SO			—				
					—		SO	14	
	15	SO		—					
				—			SO	16	
				3917	3917				
				7834					

**METER # ___-___-___

CONTACTOR SCHEDULE

CONTACTOR #	RATING	No. POLES	CKT #'S
C1	60	2	#5
C2	60	2	SPARE

CONTACTOR CONTROLLED BY PHOTOCELL MOUNTED ON SERVICE PEDESTAL. MOUNT PHOTOCELL SO THAT IT IS FACING AWAY FROM ONCOMING TRAFFIC. PROVIDE BYPASS SWITCH MOUNTED WITHIN SERVICE PEDESTAL TO OVERRIDE PHOTOCELL FOR TESTING.
* PROVIDE NEW BREAKER AS INDICATED

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NEW SERVICE PANEL SP4, 1 PH, 3 WIRE, 120/240 VOLTS 200 AMP MAIN CB
MIN INTERRUPTING RATING 10k RMS SYM AMPS LOCATION: SKY POINTE DR., NEMA 3R

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

POLE SPACE CKT #	POLE SPACE CKT #	CIRCUIT USE	CKT BKR RATING	CONNECTED LOAD VA A	CONNECTED LOAD VA B	CKT BKR RATING	CIRCUIT USE	POLE SPACE CKT #	POLE SPACE CKT #
1	1	MAIN	200/2		—				
					—	15	R PHOTOCELL	2	2
	3	MAIN	X	—					
				—			SO	4	
5	5	L SKY PT. ST. LIGHTS	60/2	1728	—				
					—		SO	6	
	7	L X	X	—	1728				
				—			SO	8	
9	9	SC	60/2		—				
					—		SO	10	
	11	X	X	—					
				—			SO	12	
	13	SO			—				
					—		SO	14	
	15	SO		—					
				—			SO	16	
				1728	1728				
				3456					

**METER # ___-___-___

CONTACTOR SCHEDULE

CONTACTOR #	RATING	No. POLES	CKT #'S
C1	60	2	#5
C2	60	2	SPARE

CONTACTOR CONTROLLED BY PHOTOCELL MOUNTED ON SERVICE PEDESTAL. MOUNT PHOTOCELL SO THAT IT IS FACING AWAY FROM ONCOMING TRAFFIC. PROVIDE BYPASS SWITCH MOUNTED WITHIN SERVICE PEDESTAL TO OVERRIDE PHOTOCELL FOR TESTING.
* PROVIDE NEW BREAKER AS INDICATED

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NEW NDOT SERVICE PANEL SP5, 1 PH, 3 WIRE, 120/240 VOLTS 200 AMP MAIN CB
MIN INTERRUPTING RATING 10k RMS SYM AMPS LOCATION: I-95/HORSE DR., NEMA 3R

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

POLE SPACE CKT #	POLE SPACE CKT #	CIRCUIT USE	CKT BKR RATING	CONNECTED LOAD VA A	CONNECTED LOAD VA B	CKT BKR RATING	CIRCUIT USE	POLE SPACE CKT #	POLE SPACE CKT #
1	1	MAIN	200/2		—				
					—	15	R PHOTOCELL	2	2
	3	MAIN	X	—					
				—		60/2	L I-95 LIGHTS	4	4
5	5	L I-95 LIGHTS	60/2	2189	—				
				1498	—	X	L X	6	
	7	L X	X	—	2189				
				—	1152	60/2	L I-95 LIGHTS	8	8
9	9	L I-95 LIGHTS	60/2	1843	—				
				1152	—	X	L X	10	
	11	L X	X	—	1843				
				—	518	60/2	L UNDERDECK LIGHTS	12	12
13	13	L SC	60/2		—				
				518	—	X	L X	14	
	15	L X	X	—					
				—			SO	16	
				7200	7200				
				14400					

**METER # ___-___-___

CONTACTOR SCHEDULE

CONTACTOR #	RATING	No. POLES	CKT #'S
C1	60	2	#5
C2	60	2	#9
C3	60	2	#4
C4	60	2	#8
C5	60	2	#12
C6	60	2	SPARE

CONTACTOR CONTROLLED BY PHOTOCELL MOUNTED ON SERVICE PEDESTAL. MOUNT PHOTOCELL SO THAT IT IS FACING AWAY FROM ONCOMING TRAFFIC. PROVIDE BYPASS SWITCH MOUNTED WITHIN SERVICE PEDESTAL TO OVERRIDE PHOTOCELL FOR TESTING.
* PROVIDE NEW BREAKER AS INDICATED

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NEW SERVICE PANEL SP6, 1 PH, 3 WIRE, 120/240 VOLTS 200 AMP MAIN CB
MIN INTERRUPTING RATING 10k RMS SYM AMPS LOCATION: I-95/HORSE DR., NEMA 3R

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

POLE SPACE CKT #	POLE SPACE CKT #	CIRCUIT USE	CKT BKR RATING	CONNECTED LOAD VA A	CONNECTED LOAD VA B	CKT BKR RATING	CIRCUIT USE	POLE SPACE CKT #	POLE SPACE CKT #
1	1	MAIN	200/2		—				
					—	15	R PHOTOCELL	2	2
	3	MAIN	X	—					
				—		60/2	L I-95 LIGHTS	4	4
5	5	L I-95 LIGHTS	60/2	2016	—				
				1152	—	X	L X	6	
	7	L X	X	—	2016				
				—	1152	60/2	L I-95 LIGHTS	8	8
9	9	L I-95 LIGHTS	60/2	1843	—				
				1152	—	X	L X	10	
	11	L X	X	—	1843				
				—	1382	60/2	L UNDERDECK LIGHTS	12	12
13	13	L SC	60/2		—				
				1382	—	X	L X	14	
	15	L X	X	—					
				—			SO	16	
				7545	7545				
				15090					

**METER # ___-___-___

CONTACTOR SCHEDULE

CONTACTOR #	RATING	No. POLES	CKT #'S
C1	60	2	#5
C2	60	2	#9
C3	60	2	#4
C4	60	2	#8
C5	60	2	#12
C6	60	2	SPARE

CONTACTOR CONTROLLED BY PHOTOCELL MOUNTED ON SERVICE PEDESTAL. MOUNT PHOTOCELL SO THAT IT IS FACING AWAY FROM ONCOMING TRAFFIC. PROVIDE BYPASS SWITCH MOUNTED WITHIN SERVICE PEDESTAL TO OVERRIDE PHOTOCELL FOR TESTING.
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NEW SERVICE PANEL TP2, 1 PH, 3 WIRE, 120/240 VOLTS 200 AMP MAIN CB
MIN INTERRUPTING RATING 10k RMS SYM AMPS LOCATION: APACHE/SKY NEMA 3R

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

POLE SPACE CKT #	POLE SPACE CKT #	CIRCUIT USE	CKT BKR RATING	CONNECTED LOAD VA A	CONNECTED LOAD VA B	CKT BKR RATING	CIRCUIT USE	POLE SPACE CKT #	POLE SPACE CKT #
1	1	MAIN	200/2		—				
				2000	—	60	R TRAFFIC SIGNAL CABINET	2	2
	3	MAIN	X	—					
				—		15	R PHOTOCELL	4	4
5	5	L TRAFFIC SIGNAL LUMINAIR	20/2		—				
					—		SO	6	
	7	L X	X	—					
				—			SO	8	
9	9	SC	60/2		—				
					—		SO	10	
	11	X	X	—					
				—			SO	12	
	13	SO			—				
					—		SO	14	
	15	SO		—					
				—			SO	16	
				2000	0				
				2000					

**METER # ___-___-___

CONTACTOR SCHEDULE

CONTACTOR #	RATING	No. POLES	CKT #'S
C1	60	2	SPARE
C2	60	2	SPARE

CONTACTOR CONTROLLED BY PHOTOCELL MOUNTED ON SERVICE PEDESTAL. MOUNT PHOTOCELL SO THAT IT IS FACING AWAY FROM ONCOMING TRAFFIC. PROVIDE BYPASS SWITCH MOUNTED WITHIN SERVICE PEDESTAL TO OVERRIDE PHOTOCELL FOR TESTING.
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PUBLIC WORKS DEPARTMENT
400 E. STEWART AVE.
LAS VEGAS, NV 89101
702-229-6272

CITY OF LAS VEGAS, NV

nevada CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS
2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5146
PH. (702) 873-7500 FAX (702) 362-2597

STREET LIGHTING PANEL SCHEDULES

HORSE DRIVE / US 95 INTERCHANGE

DRAWN BY:	DESIGNED BY:	CHECKED BY:	PROJECT NO:	SCALE:	HORIZ.
MBM 05/30/2008	TJK 05/30/2008	AB 05/30/2008	6500	N/A	
				N/A	VERT.

7/1/08

SHEET L19
230 OF 433 SHEETS

DRAWING NO. 107V3759

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