



- KEYNOTES:**
- ① #10 CU THWN THROUGHOUT EXTERIOR LIGHTING CIRCUIT.
 - ② CIRCUIT THROUGH PHOTOCELL "TORK 2007" RELAY MOUNTED ON NORTH ROOF.
 - ③ 4"x8"x3/4" FIRE TREATED PLYWOOD TELEPHONE TERMINAL BACKBOARD.
 - ④ 3/4" C. TO J-BOX IN CONCESSION AREA-PROVIDE PULL STRING
 - ⑤ RUN (2) 2" SPARE CONDUITS FROM THE PANEL TO A LANDSCAPE AREA W/ A PULL BOX. LOCATION DETERMINED BY A CLV REPRESENTATIVE. RUN (1) FROM PHONE BOARD & (1) FROM ELECT. PANEL
 - ⑥ ELECTRONIC TIME SWITCH
 - ⑦ GENERAL PURPOSE TIMER
 - ⑧ FIELD SATELLITES 1" CONDUITS FOR SIGNAL & POWER
 - ⑨ EXTERIOR DISCONNECT-LABEL W/1" HIGH BLACK LETTERS ON YELLOW BACKGROUND STATING "MAIN ELECTRICAL DISCONNECT".
- GENERAL NOTES:**
- PROVIDE COVER PLATES FOR ALL J-BOXES
ALL CONDUIT TO BE CONCEALED (IN WALLS)

PANEL: A PANEL VOLTAGE: 120/240V 1Φ 3 W
BUS: 400A
MAINS: MCB WITH SHUNT TRIP
AIC RATING: 22,000

Ckt No	CODE	TRIP	POLE	LOAD DESIGNATION				CONNECTED VA				LOAD DESIGNATION				TRIP	POLE	CODE	Ckt No						
				DESCRIPTION	(NOTE)	M	R	L	ΦA	ΦB	A	B	ΦA	ΦB	L					R	M	(NOTE)	DESCRIPTION		
1	K	20	1	REFRIGERATOR					300	300								1000	240	EXTERIOR WALL LTS	20	1	L	2	
3	K	20	1	REFRIGERATOR															240	CHASE LTS	20	1	L	4	
5	K	20	1	DEDICATED					1800										214	MEN LTS	20	1	L	6	
7	K	20	1	DEDICATED					1800	1800									214	WOMEN LTS	20	1	L	8	
9	K	20	1	ICE					1800										214	CONCESSION LTS	20	1	L	10	
11	20	1		DRYER						1800									150	MECH M	20	1	L	12	
13	K	20	1	DEDICATED					1800										180	ELECTRONIC TIME SW	20	1	L	14	
15	K	20	1	DEDICATED						1800									180	GEN PURPOSE TIMER	20	1	L	16	
17	K	20	1	DEDICATED					1800										180	SATELLITE SYSTEM	20	1	L	18	
19	20	1		GFI						540									180	SATELLITE SYSTEM	20	1	L	20	
21	20	1		TEL QUAD					360										180	CCU	20	1	L	22	
23	20	1		FIELD LT CONTROL						180									X	X				24	
25	20	1		EXTRA					1800										X	X				26	
27	20	1		DRYER					X	1800									X	X				28	
29				X					X										X	X				30	
31	20			EVAPORTIVE COOLER						1920									1920	1920	CONTACTORS 1-8	20	1	L	32
33	2	X		X															1600	1000	CONTACTORS 9-16	20	1	L	34
35	20			UNIT HEATER					1920	1920											CONTACTORS 17-21	20	1	L	36
37	2	X		X															1920	1620	FIELD 1 RECEPT	20	1	L	38
39	50			WATER HEATER					1920	4500											FIELD 2 RECEPT	20	1	L	40
41	2	X		X															1920	1620	SCOREBOARD (FUT)	20	1	L	42
PANEL NOTES:				PHASE TOTALS				ΦA:	24868	ΦB:	21324	TOTAL CONNECTED VA				46192									
								KVA				28560													
								CONNECTED VA (CODE L)				7790													
								25% LARGEST MOTOR				960													
								CONNECTED VA (CODE K)				7410													
								PANEL DEMAND KVA				44.7													
								PANEL DEMAND AMPS				186.3													
								NEUTRAL				137.7													



REVISIONS
 7/25/12 AS BUILT CONDITIONS
 8/15/12 ELEC. PANEL
 9/12/12 CLV COMMENTS
 9/15/12 CLV COMMENTS

DEUC INC.
 2900 SO. RANCHO RD.
 LAS VEGAS, NEVADA 89102
 (702) 871-5164
 (702) 871-5164

BONANZA-SANDHILL PARK
 Concession Building
ELECTRICAL
 LIGHTING

OWNER: CITY OF LAS VEGAS
 DEPARTMENT OF PUBLIC WORKS
 ARCHITECTURAL SERVICES

400 EAST STEWART AVENUE
 LAS VEGAS, NEVADA 89101
 PHONE: (702) 229-8535
 FAX: (702) 382-5232
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DATE: 4/8/12
 SCALE: 1/4" = 1'-0"
 SHEET NO: 02.1534.01
 CLV DRAWING NO: 65069
 102
 SHEET NO: RCB-E1

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