

ELECTRICAL SYMBOL LEGEND

LIGHTING (NORMAL)

UPPER CASE LETTER (A) BY LIGHT FIXTURE = FIXTURE TYPE
LOWER CASE LETTER (a) BY LIGHT FIXTURE = CONTROL SWITCH
"NL" INDICATES NIGHT LIGHT (NON SWITCHED)

- 1'x3' FLUORESCENT LIGHT (CEILING)
- 1'x3' FLUORESCENT LIGHT (WALL)
- 1'x4' FLUORESCENT LIGHT (CEILING)
- 1'x4' FLUORESCENT LIGHT (WALL)
- 2'x2' FLUORESCENT LIGHT
- 2'x4' FLUORESCENT LIGHT
- SCONCE / wall mounted light
- NEON TUBE - LENGTH AS SHOWN ON PLANS
- 2' TASK/STRIP LIGHTING
- 3' TASK/STRIP LIGHTING
- 4' TASK/STRIP LIGHTING
- 6' TASK/STRIP LIGHTING
- 8' TASK/STRIP LIGHTING
- TRACK LIGHTING
- ACCENT LIGHT
- DOWN LIGHT
- DECORATIVE PENDANT

LIGHTING (EMERGENCY)

- EMERGENCY DOWN LIGHT
- 1'x3' EMERGENCY FLUORESCENT LIGHT (CEILING)
- 1'x3' EMERGENCY FLUORESCENT LIGHT (WALL)
- 1'x4' EMERGENCY FLUORESCENT LIGHT (CEILING)
- 1'x4' EMERGENCY FLUORESCENT LIGHT (WALL)
- 2'x2' EMERGENCY FLUORESCENT LIGHT
- 2'x4' EMERGENCY FLUORESCENT LIGHT
- EMERGENCY SCONCE
- EMERGENCY WALL WASHER
- BATTERY PACK LIGHT FIXTURE

LIGHTING (SWITCHES)

- \$ LIGHT SWITCH
- 2 = DOUBLE POLE
- 3 = THREE WAY
- 4 = FOUR WAY
- o = CONTROL DESIGNATION
- k = KEY-OPERATED SWITCH
- P = PILOT LIGHT
- M = MOTOR RATED TOGGLE SWITCH
- TO = MOTOR RATED TOGGLE SWITCH WITH THERMAL OVERLOAD PROTECTION

EXIT SIGNS

- EXIT SIGN CEILING
- EXIT SIGN WALL MOUNTED

CONDUIT & WIRING SYMBOLS

- GROUND CONDUCTOR
- "HOT" OR "PHASE" CONDUCTOR
- NEUTRAL CONDUCTOR
- 1/2" CONDUIT WITH 3#12 WIRES HOT, NEUTRAL, GROUND. (UNO)
- 1/2" CONDUIT WITH 4#12 WIRES (UNO)
- 3/4" CONDUIT WITH 5#12 WIRES (UNO)
- UNDERGROUND CONDUIT
- GROUND CONNECTION
- CONDUIT HOMERUN TO PANELBOARD "A" A-1,3,5 WITH CIRCUITS 1,3,5

OUTLETS (DATA/VOICE)

- DATA (FLOOR) 3/4" WITH TWO(2) CAT 5 TO TEL/DATA CABINET
- DATA (WALL) 3/4" WITH ONE(1) CAT 5 TO TEL/DATA CABINET
- DATA/VOICE (WALL) 3/4" WITH TWO(2) CAT 5 TO EXISTING TEL/DATA CABINET
- DATA/VOICE (WALL) 3/4" WITH TWO(2) CAT 5 TO EXISTING TEL/DATA CABINET
- VOICE (FLOOR) 1/2" WITH ONE(1) CAT 5 TO TEL/DATA CABINET
- VOICE (WALL) 1/2" WITH ONE(1) CAT 5 TO TEL/DATA CABINET

OUTLETS (NORMAL)

- DUPLEX (WALL)
- DUPLEX (CEILING)
- DUPLEX (FLOOR)
- GFI (WALL)
- ISOLATED GROUND DUPLEX OUTLET - FLUSH WALL
- JUNCTION BOX (CEILING)
- JUNCTION BOX (FLOOR)
- JUNCTION BOX (WALL)
- QUAD (FLOOR)
- QUAD (WALL)
- IG = ISOLATED GROUND
- SINGLE (CEILING)
- SINGLE (WALL)
- SINGLE (FLOOR)
- SPECIAL PURPOSE (FLOOR)
- SPECIAL PURPOSE (WALL)
- 220V (NEMA 6-20R)
- CLOCK
- TELEVISION OUTLET, MOUNTED @18" AFF

PANELS

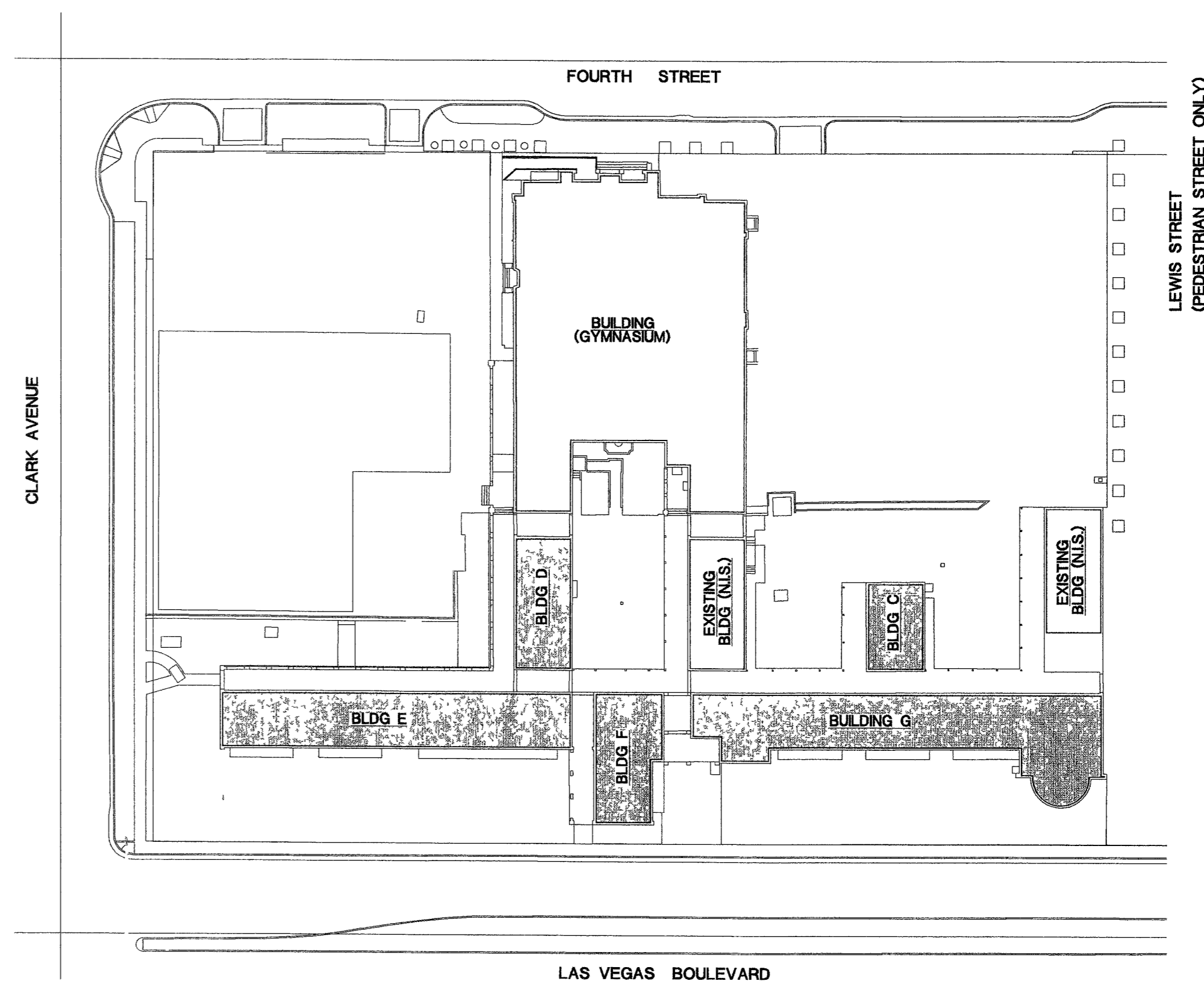
- SURFACE MOUNT
- FLUSH MOUNT
- DISTRIBUTION PANELBOARD
- SWITCHBOARD
- TELEPHONE BACKBOARD, 4'x8'x3/4" FIRE RATED PLYWOOD (UNO)

MISCELLANEOUS

- BREAK
- KEY/SPECIFIC/REFERENCE NOTE
- REVISION TRIANGLE
- DETAIL CALLOUT

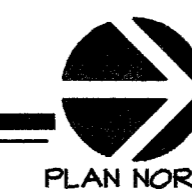
ABBREVIATIONS

A	AMPERE	KV	KILOVOLT
AFF	ABOVE FINISHED FLOOR	KVA	KILOVOLT AMPERE
AF	AMP FUSE	KW	KILOWATT
AFG	ABOVE FINISHED GRADE	KWH	KILOWATT HOUR
ANC	AMPERE INTERRUPTING CAPACITY	LTO	LIGHTING
ARCH	ARCHITECTURAL	LTS	LIGHTS
AS	AMP SWITCH	MAX	MAXIMUM
AWG	AMERICAN WIRE GAUGE	MCB	MAIN CIRCUIT BREAKER
BLDG	BUILDING	MCM	THOUSAND CIRCULAR MILS
C	CONDUIT	MECH	MECHANICAL
CAT	CATALOG	MFR	MANUFACTURER
CB	CIRCUIT BREAKER	MIN	MINIMUM
CKT	CIRCUIT	MLO	MAIN LOSS ONLY
CLG	CEILING	MTO	MOUNTED
CO	CONDUIT ONLY	MTO	MOUNTING
COP	COPPER	NEC	NATIONAL ELECTRICAL CODE
DN	DOWN	NECA	NATIONAL ELECTRICAL CONTRACTOR'S ASSOCIATION
DWG	DRAWING	NEMA	NATIONAL ELECTRICAL MFR'S ASSOCIATION
EA	EACH	NIC	NOT IN CONTRACT
EC	ELECTRICAL CONTRACTOR, EMPTY CONDUIT	NPCO	NEVADA POWER COMPANY
ECC	EQUIPMENT GROUNDING CONDUCTOR	NTS	NOT TO SCALE
ELEC	ELECTRICAL	OCP	OVERCURRENT PROTECTION
EM, EMER	ELECTRICAL EMERGENCY	P	POLE
EMT	ELECTRICAL METALLIC TUBING	PH	PHASE
EQUIP	EQUIPMENT	PNL	PANEL
FBO	FURNISHED BY OTHERS	PWR	POWER
FF	FINISHED FLOOR	QTY	QUANTITY
FIXT	FIXTURE	REC, RECEPT	RECEPTACLE
FL	FLOOR	REQ'D	REQUIRED
FLEX	FLEXIBLE METALLIC CONDUIT (STEEL)	RGS	ROD GALVANIZED STEEL CONDUIT
FLUOR	FLUORESCENT	RM	ROOM
FT	FEET OR FOOT	SP	SINGLE POLE
GEC	GROUNDING ELECTRODE CONDUCTOR	TYP	TYPICAL
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	UL	UNDERWRITERS LABORATORY
GFI	GROUND FAULT INTERRUPTER	UNO	UNLESS NOTED OTHERWISE
GND	GROUND	V	VOLT, VOLTAGE
IMC	INTERMEDIATE METAL CONDUIT	VA	VOLT AMPERE
IN	INCH(ES)	W	WATT
ISC	SHORT CIRCUIT AMPERES (KA)	W/	WITH
IG	ISOLATED GROUND	WP	UL LISTED WEATHERPROOF
JB, J-BOX	JUNCTION BOX	XFMR	TRANSFORMER
KA	KILOAMPERES	Z	IMPEDANCE (Ω)
KCMIL	THOUSAND CIRCULAR MILS		



REFERENCE SITE PLAN

SCALE: 1" = 50'



LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER/ MODEL NUMBER	LAMP(S)		VOLTAGE	WATTS	REMARKS AND MOUNTING
			#	TYPE			
F	4FT FLUORESCENT STRIP LIGHT	LITHONIA C-2-32-120-GEB WGCUN	2	F032/18	120V	60W	PROVIDE CHAIN MOUNT DEVICES AS REQUIRED
FE	4FT FLUORESCENT STRIP LIGHT WITH EM BALLAST	LITHONIA C-2-32-120-GEB ELN WGCUN	2	F032/18	120V	60W	PROVIDE CHAIN MOUNT DEVICES AS REQUIRED 1400 LUMEN (MINIMUM EM)

ELECTRICAL LOAD SUMMARY

ELECTRICAL LOAD ADDED IS SMALLER THAN THE LOAD REMOVED AS INDICATED IN THE PLAN.

WORK COMPLETED PER PLANS

SHEET INDEX

SHEET NO.	DESCRIPTION	DATE			
		10/25/05	11/14/05	11/23/05	12/07/05
E000	ELECTRICAL SYMBOLS LEGEND, ABBREVIATIONS, SHEET INDEX & FIXTURE SCHEDULE	●	●	●	●
E001	ELECTRICAL SPECIFICATIONS	●	●	●	●
E101	ELECTRICAL DEMOLITION PLAN- BLDG. D, E, F	●	●	●	●
E102	ELECTRICAL DEMOLITION PLAN- BLDG. C, G	●	●	●	●
E201	NEW ELECTRICAL FLOOR PLAN- BLDG. D, E, F	●	●	●	●
E202	NEW ELECTRICAL FLOOR PLAN- BLDG. C, G	●	●	●	●

SEAL

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DATE: 8/11/06
REVISION DESCRIPTION: RECORD DOCUMENTS
PROJECT NUMBER: 04148
DRAWN BY: FT
CHECKED BY: DB
DATE: DEC. 07, 2005
SCALE: N.T.S.

SHEET NUMBER: E000

CONSTRUCTION DOCUMENT

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