

ELECTRICAL ABBREVIATIONS			
#	NUMBER	L	LOCATION
+18"	MOUNTING HEIGHTS ARE TO CENTERLINE OF DEVICE ABOVE FINISH FLOOR OR FINISH GRADE	LOR	LOOK OUT RELAY
		LTG	LIGHTING
		LV	LOW VOLTAGE
A		M	
A, AMP	AMPERES	M	EXISTING EQUIPMENT TO BE REWORKED/MODIFIED
AC	AIR CONDITIONING	M, MTR	MOTOR
ADA	AMERICAN WITH DISABILITIES ACT	MAG	MOTOR/GENERATOR SET
AF	AMPERE FRAME	MAN	MANUAL
AFCI	ARC FAULT CIRCUIT INTERRUPTER	MAX	MAXIMUM
AFF	ABOVE FINISHED FLOOR	MCA	MINIMUM CIRCUIT AMPS
AFG	ABOVE FINISHED GRADE	MCB	MAIN CIRCUIT BREAKER
AHU	AUTHORITY HAVING JURISDICTION	MCC	MOTOR CONTROL CENTER
AHU	AIR HANDLING UNIT	MCP	MOTOR CONTROL PANEL
AIC	AMPERE INTERRUPTING CAPACITY	ME	MASSACHUSETTS ELECTRICAL CODE
AL	ALUMINUM	MCH	MECHANICAL
APPROX	APPROXIMATE	MFR	MANUFACTURER
ARCH	ARCHITECT	MH	MAINTENANCE HATCH
ATS	AUTOMATIC TRANSFER SWITCH	MIN	MINIMUM
AUTO	AUTOMATIC	MISC	MISCELLANEOUS
AVG	AVERAGE	MLO	MAIN LUGS ONLY
AWG	AMERICAN WIRE GAUGE	MOP	MAXIMUM OVER CURRENT PROTECTION
		MSB	MAIN SWITCHBOARD
B		N	
B	BURIED	N	NEW LOCATION OF EXISTING WORK
BKR	BREAKER	(N)	NEUTRAL
BLDG	BUILDING	NA	NOT APPLICABLE
		NC	NORMALLY CLOSED
C		NEC	NATIONAL ELECTRICAL CODE
C	CONDUIT	NEHA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
CA	CABLE	NEMA	NOT IN CONTRACT
CAB	CABINET	NO	NORMALLY OPEN
CAT	CATALOG	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CATV	CABLE TELEVISION	NF	NON-FUSED
CB	CIRCUIT BREAKER	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CCTV	CLOSED CIRCUIT TELEVISION	NORM	NORMAL
CEC	CALIFORNIA ELECTRICAL CODE	NRTL	NATIONALLY RECOGNIZED TESTING LABORATORY
CKT	CIRCUIT	NTS	NOT TO SCALE
CL	CENTERLINE	NVE	NEVADA ENERGY
CLF	CURRENT LIMITING FUSE	O	
CLG	CEILING	OC	ON CENTER
COL	COLUMN	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
CON	CONNECTION	OH	OVERHEAD
CONN	CONNECTION	OPD	OVER CURRENT PROTECTION DEVICE
CONST	CONSTRUCTION	OSHPD	OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
CONTR	CONTRACTOR		
CPU	CENTRAL PROCESSING UNIT		
CS	CONTROL SWITCH		
CTRL	CONTROL		
CU	COPPER		
		P	
D		P	
(D)	DEMO	P	POLE
dB	DECIBEL	PB	PUSH BUTTON
DB	DISTRIBUTION BOARD	PDU	POWER DISTRIBUTION UNIT
DC	DIRECT CURRENT	PF	POWER FACTOR
DET	DETAIL	PH(ø)	PHASE
DIA	DIAMETER	PL	PILOT LIGHT
DISC	DISCONNECT	PAN	POINT OF CONNECTION
DIST	DISTRIBUTION	POD	POINT OF DISCONNECTION
DN	DOWN	POS	PROVIDED UNDER OTHER SECTIONS
DWG	DRAWING	PP	POWER POLE
		PTZ	PAN, TILT, ZOOM
E		PVC	POLYVINYL CHLORIDE
(E)	EXIST EXISTING	PWR	POWER
EA	EACH		
EC	ELECTRICAL CONTRACTOR	R	
EHU	ELECTRIC HEATING UNIT	(R)	EXISTING WORK TO BE RELOCATED
EL	ELEVATION	RECEPT	RECEPTACLE
ELEC	ELECTRICAL	REFRIG	REFRIGERATOR
ELR	END OF LINE RESISTOR	REQ'D	REQUIRED
EMERG	EMERGENCY	RGS	RIGID GALVANIZED STEEL
EMT	ELECTRIC METALLIC TUBING	RM	ROOM
ENG	ENGINEER	RMS	ROOT MEAN SQUARE VALUE
EQUIP	EQUIPMENT	RND	ROUND
(ER)	EXISTING TO BE RELOCATED	RPM	REVOLUTIONS PER MINUTE
ETC	ELAPSED TIME CONTROLLER		
EW	ELECTRIC WATER HEATER	S	
		SEC	SECOND
F		SN	SOLID NEUTRAL
FIA	FIRE ALARM	SNEC	SOUTHERN NEVADA ELECTRICAL CODE AMENDMENTS
FAAP	FIRE ALARM ANNUNCIATOR PANEL	SPD	SURGE PROTECTIVE DEVICE
FACP	FIRE ALARM CONTROL PANEL	SPR	SPEAKER
FBR	FEE	SQ	SQUARE
FIXT	FIXTURE	SQFT	SQUARE FEET
FLA	FLOOR	SS	SAFETY SWITCH
FLMT	FLEXIBLE LIQUID TIGHT METALLIC TUBING	STR	STARTER
FLUR	FLUORESCENT	STRUCT	STRUCTURAL
FR	FRAME	SW	SWITCH
FREQ	FREQUENCY	SWBD	SWITCHBOARD
FT	FOOT	SWGR	SWITCHGEAR
		SYM	SYMMETRICAL
G		T	
G, GND	GROUND	T, XFMR	TRANSFORMER
GEC	GROUNDING ELECTRODE CONDUCTOR	TS	TERMINAL BLOCK
GEN	GENERATOR	TEL	TELEPHONE
GFI, GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TERM	TERMINAL
GFP	GROUND FAULT PROTECTION	TERMSW	TERMINAL SWITCH
		TT	TELEVISION
H		TYS	TRANSIENT VOLTAGE SURGE SUPPRESSER
HH	HANDHOLE	TYP	TYPICAL
HID	HIGH INTENSITY DISCHARGE		
HOA	HAND OFF AUTOMATIC	U	
HORZ	HORIZONTAL	UFD	UNDERFLOOR DUCT
HP	HORSEPOWER	UG	UNDERGROUND
HTR	HEATER	UH	UNIT HEATER
HV	HIGH VOLTAGE	UL	UNDERWRITERS LABORATORIES
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING	UNO	UNLESS NOTED OTHERWISE
HZ	HERTZ	UPS	UNINTERRUPTIBLE POWER SUPPLY
		UTP	UNSHIELDED TWISTED PAIR
I		V	
IBC	INTERNATIONAL BUILDING CODE	V	VOLT
IG	ISOLATED GROUND	VA	VOLT AMPERE
IMC	INTERMEDIATE METALLIC CONDUIT	VAV	VARIABLE AIR VOLUME
INCAND	INCANDESCENT	VD	VOLTAGE DROP
		VENT	VENTILATION
J		VFD	VARIABLE FREQUENCY DRIVE
JB	JUNCTION BOX	VSD	VARIABLE SPEED DRIVE
JCT	JUNCTION		
		W	
K		W	
KCMIL	THOUSAND CIRCULAR MILS	W	WATT
KO	KNOCK OUT	WP	WEATHER-PROOF (NEMA 3R)
KV	KILOVOLT	X	EXPLOSION PROOF
KVA	KILOVOLT AMPERES		
KW	KILOWATT		
KWH	KILOWATT HOURS		

ELECTRICAL SYMBOL LEGEND	
GENERAL	
SYMBOL	DESCRIPTION
	KEY NOTE
	FEEDER NOTE
	KITCHEN EQUIPMENT TAG
	REVISION NUMBER
	ELECTRICAL EQUIPMENT TAG
	MECHANICAL EQUIPMENT TYPE
	MECHANICAL EQUIPMENT NUMBER
	- SEE HVAC AND PLUMBING DRAWINGS.
	SECTION DRAWING NUMBER
	REFERENCING SHEET
	CALLOUT DRAWING NUMBER
	REFERENCING SHEET
EXISTING DEVICE LEGEND	
SYMBOL	DESCRIPTION
	NEW WORK
	EXISTING WORK TO REMAIN
	EXISTING WORK TO BE REMOVED (DEMO)
	EXISTING WORK TO BE RELOCATED
	NEW LOCATION OF EXISTING WORK
LIGHTING	
SYMBOL	DESCRIPTION
	LIGHTING FIXTURE (SEE LIGHTING FIXTURE SCHEDULE)
	A1 - INDICATES LIGHTING FIXTURE TYPE
	2 - INDICATES CIRCUIT NUMBER
	4 - INDICATES SWITCH CONTROL
	FIXTURE SHADING INDICATES FIXTURE ON EMERGENCY CIRCUIT, LIFE SAFETY OR INTEGRAL BATTERY BACKUP
	FIXTURE HALF SHADING INDICATES FIXTURE ON CRITICAL BRANCH CIRCUITING
	LINEAR PENDANT FIXTURE
	LINEAR STRIP FIXTURE
	RECESSED LINEAR SLOT LIGHT
	LINEAR LED FIXTURE
	DOWNLIGHT FIXTURE
	PENDANT FIXTURE
	TRACK LIGHT WITH FIXTURE HEADS
	WALL WASH / ACCENT LIGHT
	SPECIALTY FIXTURE - PROFILE SPOT LIGHT
	SPECIALTY FIXTURE - WASH LIGHT
	WALL MOUNTED FIXTURE
	STEP LIGHT
	POLE MOUNTED FIXTURE
	BOLLARD FIXTURE
	EXIT SIGN WITH DIRECTIONAL ARROWS AND EXIT FACE (SHADED) AS INDICATED CEILING MOUNTED
	EXIT SIGN WITH DIRECTIONAL ARROWS AND EXIT FACE (SHADED) AS INDICATED WALL MOUNTED
	EMERGENCY BATTERY LIGHTING UNIT WITH TWIN HEADS
	EMERGENCY BATTERY LIGHTING UNIT WITH TWIN HEADS AND EXIT SIGN
POWER DISTRIBUTION	
SYMBOL	DESCRIPTION
	DARK SHADING ON EQUIPMENT INDICATES 208/120V, LIGHT SHADING INDICATES 480/277V
	SURFACE MOUNTED PANELBOARD
	FLUSH MOUNTED PANELBOARD
	DRY TYPE TRANSFORMER
	TS - INDICATES KVA RATING OF TRANSFORMER
	REFER TO DRY TYPE K-RATED TRANSFORMER SCHEDULE
	SWITCHBOARD, MOTOR CONTROL CENTER OR DISTRIBUTION BOARD
	LIGHTING CONTROL PANEL
	CONTROL PANEL
	LADDER CABLE TRAY
	CHANNEL CABLE TRAY
	BUSWAY, HORIZONTAL, REFER TO RISER FOR RATING
	BUSWAY, VERTICAL, REFER TO RISER FOR RATING
	BUSWAY, HORIZONTAL, WITH FUSED PLUG-IN DISCONNECT
	GROUND BAR
	CUSTOMER METER
	UTILITY METER AND SOCKET
	CURRENT TRANSFORMER CABINET

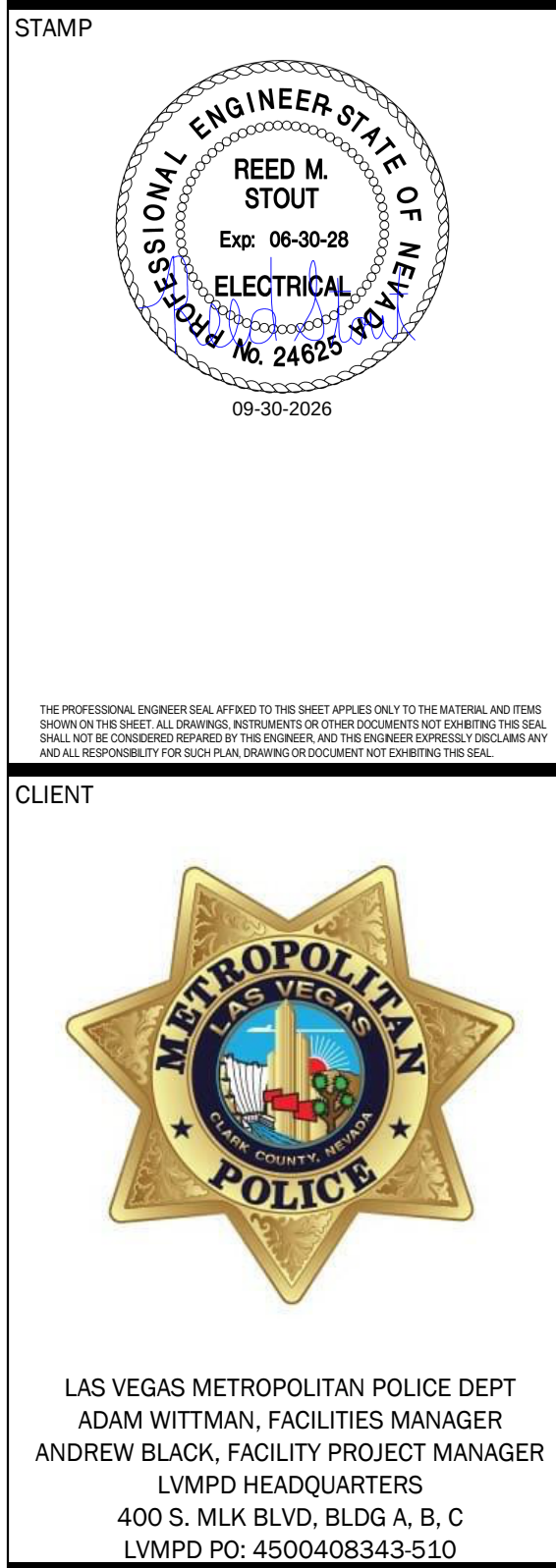
ELECTRICAL SYMBOL LEGEND	
WIRING DEVICES	
SYMBOL	DESCRIPTION
	RECEPTACLE RATED 20A, 125V, MOUNTED AT +18" UNLESS NOTED OTHERWISE
	RECEPTACLE HEIGHTS SHALL COMPLY WITH ANSI 117.1 REQUIREMENTS
	5 - INDICATES CIRCUIT NUMBER
	1 - INDICATES FOOD CART RECEPTACLE
	1G - INDICATES ISOLATED GROUND TYPE
	1WP - INDICATES WEATHERPROOF GFCI RECEPTACLE
	1SP - INDICATES SURGE PROTECTION
	1T - INDICATES TAMPER RESISTANT
	1TK - INDICATES TECHNOLOGY RECEPTACLE, REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL INFORMATION
	1C - INDICATES COUNTER HEIGHT
	1TC - INDICATES TIME CLOCK
	1U2 - DUPLEX RECEPTACLE WITH INTEGRAL LOW VOLTAGE TRANSFORMER AND (2) USB PORTS
	1U4 - RECEPTACLE WITH INTEGRAL LOW VOLTAGE TRANSFORMER AND (4) USB PORTS
	1GF - GFCI RECEPTACLE
	RECEPTACLE ON EMERGENCY POWER
	HALF SWITCHED RECEPTACLE / CONTROLLED RECEPTACLE
	SINGLE RECEPTACLE
	DUPLEX RECEPTACLE
	DOUBLE DUPLEX RECEPTACLE
	FLUSH FLOOR/CEILING DUPLEX RECEPTACLE
	FLUSH FLOOR/CEILING DOUBLE DUPLEX RECEPTACLE
	SPECIAL PURPOSE RECEPTACLE - WALL / FLOOR / CEILING. "XX" INDICATES TAG NUMBER. REFER TO SPECIAL PURPOSE RECEPTACLE SCHEDULE
	HOSPITAL GRADE RECEPTACLE
	HOSPITAL GRADE DOUBLE DUPLEX RECEPTACLE
	MULTI-OUTLET PLUGSTRIP
	MULTI-OUTLET ASSEMBLY, DEVICES AS INDICATED
	WALL JUNCTION BOX
	FLOOR/CEILING JUNCTION BOX
	JUNCTION BOX AND SWITCH WITH CONNECTION TO FIRE/SMOKE DAMPER, COORDINATE REQUIREMENTS WITH FIRE ALARM SYSTEM AND MECHANICAL CONTROL DIAGRAMS
	JUNCTION BOX AND SWITCH WITH CONNECTION TO VARIABLE AIR VOLUME BOX, COORDINATE REQUIREMENTS WITH MECHANICAL CONTROL DIAGRAMS
	DOOR HOLDER
	CLOCK RECEPTACLE AT +90" UNLESS NOTED OTHERWISE
	SPECIALTY BOX - WALL / FLOOR / CEILING
	FLOOR MOUNTED BOX FOR POWER CONNECTION TO PRE-WIRED FURNITURE PARTITIONS
	WALL MOUNTED BOX FOR POWER CONNECTION TO PRE-WIRED FURNITURE PARTITIONS
	FLOOR MOUNTED BOX WITH MULTIPLE DEVICES.
	1F1 - INDICATES TYPE AS DEFINED IN NOTES/SCHEDULES
	PULL BOX
	POWER POLE
	CORD DROP WITH DUPLEX RECEPTACLE
	CORD DROP WITH DOUBLE DUPLEX RECEPTACLE
	CORD DROP WITH SPECIAL PURPOSE RECEPTACLE. "XX" INDICATES TAG NUMBER. REFER TO SPECIAL PURPOSE RECEPTACLE SCHEDULE
BRANCH CIRCUITS AND FEEDERS	
SYMBOL	DESCRIPTION
	BRANCH CIRCUIT HOME RUN TICKS INDICATE QUANTITY OF CONDUCTORS, GROUND CONDUCTORS ARE NOT INDICATED. NO TICKS INDICATES 2B/12 & 14/10 IN 3/4" MINIMUM. R22A-1,3,5 INDICATES PANEL AND CIRCUIT DESIGNATION FROM WHICH HOMERUN SHALL ORIGINATE. EACH CIRCUIT SHALL BE 20A-1P (20AMP SINGLE POLE) UNLESS NOTED OTHERWISE.
	CONDUIT BELOW FLOOR OR BELOW GRADE
	CONDUIT STUB-OUT
	CONDUIT AND/OR WIRE TURNED UP
	CONDUIT AND/OR WIRE TURNED DOWN
	FLEXIBLE CONNECTION TO EQUIPMENT, RACEWAY AND CONDUCTOR RATING TO MATCH ASSOCIATED BRANCH CIRCUIT OR FEEDER
	BRANCH CIRCUIT FOR EMERGENCY BATTERY DC CIRCUIT, MINIMUM 2#10 IN 3/4" UNLESS OTHERWISE NOTED
	FEEDER HOMERUN. REFER TO LEGEND OF FEEDER SIZES FOR CONDUCTOR AND RACEWAY REQUIREMENTS DESIGNATED INSIDE TAG. H42B-1 INDICATES PANEL AND CIRCUIT NUMBER DESIGNATION FROM WHICH HOME RUN SHALL ORIGINATE. 100A-3P INDICATES 100 AMPERE, 3 POLE CIRCUIT BREAKER.
MOTOR AND CONTROLS	
SYMBOL	DESCRIPTION
	HEAT TRACE
	MANUAL MOTOR STARTING SWITCH WITH THERMAL OVERLOAD PROTECTION
	MAGNETIC MOTOR STARTER. REFER TO MAGNETIC MOTOR STARTER & VFD SCHEDULE FOR TYPE, SIZE AND ENCLOSURE
	COMBINATION FUSED DISCONNECT MAGNETIC MOTOR STARTER. REFER TO MAGNETIC MOTOR STARTER AND VFD SCHEDULE FOR TYPE, SIZE AND ENCLOSURE
	CONTACTOR IN NEMA 1 ENCLOSURE UNLESS OTHERWISE NOTED
	MOTOR CONTROL CENTER
	EQUIPMENT CONTROL PANEL
	VARIABLE SPEED DRIVE
	MOTOR, NUMERAL INDICATES HORSEPOWER "2" - INDICATES HORSEPOWER RATING
	DISCONNECT SWITCH RATED 30AMP, 3-POLE, IN NEMA TYPE 1 ENCLOSURE UNLESS OTHERWISE NOTED
	3R - INDICATES NEMA TYPE 3R ENCLOSURE
	2P - INDICATES 2 POLE SINGLE PHASE DISCONNECT
	60AS - INDICATES 60A SWITCH
	FUSED DISCONNECT SWITCH, 3-POLE, IN NEMA TYPE 1 ENCLOSURE UNLESS OTHERWISE NOTED
	3R - INDICATES NEMA TYPE 3R ENCLOSURE
	60AS - INDICATES 60AMP SWITCH
	50AP - INDICATES 50AMP FUSES
	ENCLOSED CIRCUIT BREAKER IN NEMA TYPE 1 ENCLOSURE, UNLESS OTHERWISE NOTED

ELECTRICAL SYMBOL LEGEND	
DIAGRAMS	
SYMBOL	DESCRIPTION
	TRANSFORMER
	CIRCUIT BREAKER
	SHUNT TRIP CIRCUIT BREAKER
	DRAW-OUT CIRCUIT BREAKER - MEDIUM VOLTAGE
	DRAW-OUT CIRCUIT BREAKER - LOW VOLTAGE
	SWITCH FUSE
	GENERATOR
	POTENTIAL TRANSFORMER
	CURRENT TRANSFORMER
	GROUNDING ELECTRODE
	METER
	AUTOMATIC TRANSFER SWITCH
	AUTOMATIC TRANSFER SWITCH WITH BYPASS MAINTENANCE
	CAPACITOR
	SURGE PROTECTION DEVICE
	KIRK KEY INTERLOCK
	AMMETER
	VOLTMETER
	WATT METER
	WATT/ HOUR METER
	SHUNT TRIP DEVICE
	PANELBOARD
	R21A
SWITCHING CONTROLS	
SYMBOL	DESCRIPTION
	SINGLE POLE SWITCH AT +44" UNLESS NOTED OTHERWISE. MOUNTING HEIGHTS SHALL COMPLY WITH ANSI 117.1 REQUIREMENTS (AT +44" UNLESS NOTED OTHERWISE)
	3 - INDICATES SWITCH CONTROL
	2 - INDICATES 2 POLE SINGLE THROW SWITCH
	3 - INDICATES 3-WAY SWITCH
	4 - INDICATES 4-WAY SWITCH
	1 - INDICATES SWITCH WITH LED PILOT LIGHT
	1 - INDICATES BACKLIT SWITCH
	1 - INDICATES DIMMER SWITCH - SOLID STATE TYPE
	1 - INDICATES FLUORESCENT DIMMER
	1 - INDICATES FAN SPEED CONTROL SWITCH
	1 - INDICATES KEY OPERATED
	1 - INDICATES LOW VOLTAGE SWITCH
	1 - INDICATES SWITCH WITH MOTION SENSOR
	1 - INDICATES SWITCH WITH OCCUPANCY SENSOR
	1 - INDICATES MOMENTARY CONTACT SWITCH
	1 - INDICATES TIME CLOCK
	1 - INDICATES SWITCH WITH DIGITAL TIMER
	1 - INDICATES SWITCH WITH TIME DELAY
	1 - WIRELESS SWITCH
	1 - INDICATES WEATHERPROOF
	CEILING/WALL DAYLIGHT SENSOR
	DIMMING MODULE
	CEILING/WALL OCCUPANCY SENSOR (XX REFERS TO TYPE DESIGNATION, SEE OCCUPANCY SENSOR SCHEDULE - WALL / CEILING)
	PHOTO CELL - WALL / CEILING
	RELAY - WALL / CEILING
	EMERGENCY SUPERVISORY BYPASS RELAY
	ROOM CONTROLLER
	SWITCHING MODULE
	PUSHBUTTON TYPE CONTROL STATION, "EPO" INDICATES EMERGENCY POWER OFF
	TOUCH PANEL
	PRESET STATION

ELECTRICAL SHEET INDEX			
ISSUE		SHEET NUMBER	SHEET DESCRIPTION
	2026-09-29 PERMIT SET		
		E000	ELECTRICAL LEGEND, NOTES AND ABBREVIATIONS
		E001	ELECTRICAL SPECIFICATIONS
		E201	ELECTRICAL POWER PLAN - 1ST FLOOR
		E202	ELECTRICAL POWER PLAN - 2ND FLOOR
		E203	ELECTRICAL POWER PLAN - 3RD FLOOR
		E204	ELECTRICAL POWER PLAN - 4TH FLOOR
		E206	ELECTRICAL POWER PLAN - ROOF
		E500	ONE LINE DIAGRAM

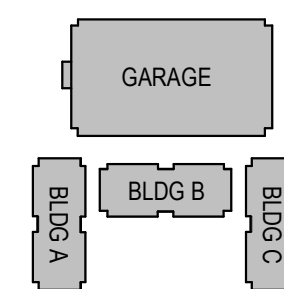
Digitally signed by Reed Stout
DN: C=US,
E=reed.stout@nv5.com,
O=NV5, CN=Reed Stout
Reason: I have reviewed this document
Date: 2026.09.30 17:06:07-07'00'

Reed Stout

[illegible]

HQ HVAC
REPLACEMENT
BUILDING A

REVISION/ISSUANCE		
#	DESCRIPTION	DATE

[illegible]

PROJECT NO.: 26-0018227
DESIGNED BY: RS
CHECKED BY: RS
DATE: 2026-09-29
SCALE: AS SHOWN

SHEET NAME

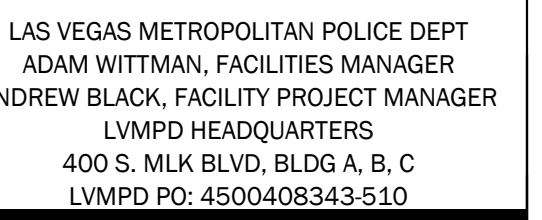
ELECTRICAL SPECIFICATIONS

E001

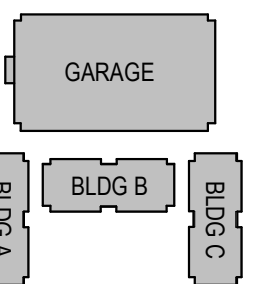
- 2 RECONNECT NEW MECHANICAL EQUIPMENT TO EXISTING CIRCUIT DISCONNECTED FROM OLD DEMO EQUIPMENT. VERIFY EXISTING MECHANICAL POWER REQUIREMENTS TO MATCH MECHANICAL EQUIPMENT SCHEDULE ON SHEET E500.

(NOT ALL NOTES APPLY TO THIS DRAWING)

- B. EXISTING EQUIPMENT SHOWN ON THIS PLAN IS BASED ON AVAILABLE INFORMATION AND SHALL BE VERIFIED BY THE CONTRACTOR. ALL DISCREPANCIES BETWEEN PLAN AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE ENGINEER IN WRITING PRIOR TO BID.
- C. EXISTING ELECTRICAL INSTALLATIONS IN WALLS AND BUILDING ELEMENTS THAT ARE TO BE DEMOLISHED OR CHANGED SHALL BE REMOVED OR DISCONTINUED PRIOR TO BID. ALL EXISTING ARCHITECTURAL PLANS FOR IDENTIFICATION OF BUILDING ELEMENTS AND FIELD VERIFY EXISTING ELECTRICAL INSTALLATIONS IN THESE AREAS PRIOR TO BID.
- D. EXISTING LIGHT FIXTURES THAT ARE TO BE TO BE REUSED SHALL BE IDENTIFIED AND MARKED PRIOR TO BID. ALL EXISTING EMERGENCY BATTERY PACKS FOR EXIT SIGNS AND EMERGENCY LIGHTS SHALL BE REPLACED WITH NEW. NORMAL BALLASTS THAT ARE NOT IN WORKING ORDER SHALL BE REPLACED WITH NEW BALLASTS THAT IS COMPARABLE TO THE EXISTING.
- E. ALL EXISTING WIRING DEVICES AND COMMUNICATION OUTLETS THAT ARE TO REMAIN OR BE RELOCATED SHALL BE REPLACED WITH NEW WIRING DEVICES AND COVERS TO MATCH NEW DEVICES BEING INSTALLED AS PART OF THIS PROJECT. CONTRACTOR SHALL FIELD VERIFY EXISTING TYPES AND QUANTITIES PRIOR TO BID.



HQ HVAC
REPLACEMENT
BUILDING A

[illegible]

PROJECT NO.: 26-0018227
DESIGNED BY: RS
CHECKED BY: RS
DATE: 2026-09-29
SCALE: AS SHOWN

ELECTRICAL
POWER PLAN -
2ND FLOOR

E202

- 2 RECONNECT NEW MECHANICAL EQUIPMENT TO EXISTING CIRCUIT DISCONNECTED FROM OLD DEMO EQUIPMENT. VERIFY EXISTING MECHANICAL POWER REQUIREMENTS TO MATCH MECHANICAL EQUIPMENT SCHEDULE ON SHEET E500.

(NOT ALL NOTES APPLY TO THIS DRAWING)

- B. EXISTING EQUIPMENT SHOWN ON THIS PLAN IS BASED ON AVAILABLE INFORMATION AND SHALL BE VERIFIED BY THE CONTRACTOR. ALL DISCREPANCIES BETWEEN PLANS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE ENGINEER IN WRITING PRIOR TO BID.



REED M. STOUT
 Expr 06-30-28
 ELECTRICAL
 No. 24625
 09-30-2026

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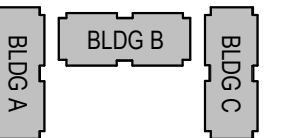
400 S. MLK BLVD, BLDG A, B, C
LVMPD PO: 4500408343-510

LAS VEGAS METRO
POLICE DEPARTMENT

REPLACEMENT
BUILDING A

400 S. MLK BLVD, BLDG A,
LAS VEGAS, NV 89106
APN: 13933202009

DESCRIPTION

[illegible]

KEY PLAN

PROJECT NO.: 26-0018227
DESIGNED BY: RS
CHECKED BY: RS
DATE: 2026-09-29
SCALE: AS SHOWN

HEET NAME

ELECTRICAL
POWER PLAN -
4TH FLOOR

SHEET NUMBER

E204

1 ELECTRICAL POWER PLAN - 4TH FLOOR

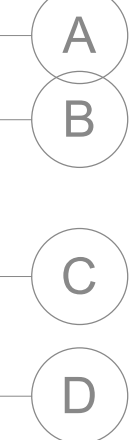
E204 $1/8" = 1'-0"$



- 2 RECONNECT NEW MECHANICAL EQUIPMENT TO EXISTING CIRCUIT DISCONNECTED FROM OLD DEMO EQUIPMENT. VERIFY EXISTING MECHANICAL POWER REQUIREMENTS TO MATCH MECHANICAL EQUIPMENT SCHEDULE ON SHEET E500.

(NOT ALL NOTES APPLY TO THIS DRAWING)

- B. EXISTING EQUIPMENT SHOWN ON THIS PLAN IS BASED ON AVAILABLE INFORMATION AND SHALL BE VERIFIED BY THE CONTRACTOR. ALL DISCREPANCIES LAMPS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE ENGINEER IN WRITING PRIOR TO BID.
- C. EXISTING ELECTRICAL INSTALLATIONS IN WALLS AND BUILDING ELEMENTS THAT ARE TO BE DEMOLISHED OR CHANGED SHALL BE REMOVED OR RELOCATED. THE CONTRACTOR SHALL REVIEW ALL ARCHITECTURAL PLANS FOR IDENTIFICATION OF BUILDING ELEMENTS AND FIELD VERIFY EXISTING ELECTRICAL INSTALLATIONS IN THESE AREAS PRIOR TO BID.
- D. EXISTING LIGHT FIXTURES THAT ARE TO BE REUSED SHALL BE IDENTIFIED AND RELABELLED. EXISTING EMERGENCY BATTERY PACKS FOR EXIT SIGNS AND EMERGENCY LIGHTS SHALL BE REPLACED WITH NEW, NORMAL BALLASTS THAT MEET THE WORKING CODE REQUIREMENTS. EACH NEW BALLAST THAT IS COMPATIBLE WITH EXISTING FIXTURES.
- E. ALL EXISTING WIRING DEVICES AND COMMUNICATION OUTLETS THAT ARE TO REMAIN OR BE RELOCATED SHALL BE REPLACED WITH NEW WIRING DEVICES AND COVERS TO MATCH NEW DEVICES BEING INSTALLED AS PART OF THIS PROJECT. CONTRACTOR SHALL FIELD VERIFY EXISTING TYPES AND QUANTITIES PRIOR TO BID.

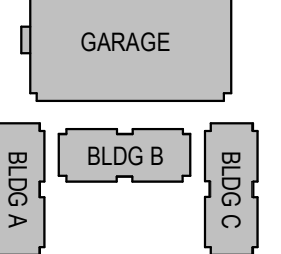


400 S. MLK BLVD, BLDG A, B, C
LVMPD PO: 4500408343-510

LAS VEGAS METRO
POLICE DEPARTMENT

REPLACEMENT
BUILDING A

400 S. MLK BLVD, BLDG A,
LAS VEGAS, NV 89106
APN: 13933202009

[illegible]

KEY PLAN

PROJECT NO.:	26-0018227
SIGNED BY:	RS
CHECKED BY:	RS
DATE:	2026-09-29
SCALE:	AS SHOWN

ELECTRICAL
POWER PLAN -
ROOF

SHEET NUMBER

E206

1 ELECTRICAL POWER PLAN - ROOF
E206 1/8" = 1'-0"

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PANEL: (E) H4B				VOLTAGE: 480/277V, 3PH, 4W		BUS: 100		LOAD TYPE KEY: K=KITCHEN						
PROJECT NUMBER: 30-010227				MAIN: 100 A/100		NEMA RATING: 750/1		L=LOAD CONTINUOUS						
				AIC RATING: 35 KAC		MOUNTING: SURFACE		N=NON-CONTINUOUS						
						SUPPLIED FROM:		R=REMOVABLE RECEPTABLES						
								M=CONNECTED MOTORS						
CKT	TYPE	TRIP	POLE	LOAD DESCRIPTION	NOTES	A	B	C	NOTES	LOAD DESCRIPTION	POLE	TRIP	TYPE	CKT
1	L	20A	1	ELT-2	--	100	1300 VA			ELT-2	1	20A	N	1
3	L	20A	1	ELT-2	--	--	200 VA	1300 VA		ELT-2	1	20A	N	4
5	L	20A	1	ELT-2	--	--	--	160 VA	90	ELT-2	1	20A	N	6
7	L	20A	1	ELT-2	--	200	90 VA			ELT-2	1	20A	N	8
9	L	20A	1	ELT-2	--	--	210 VA	90 VA		ELT-2	1	20A	N	10
11	L	20A	1	ELT-2	--	--	--	300 VA	80	ELT-2	1	20A	N	12
13	L	20A	1	ELT-2	--	210	80 VA			ELT-2	1	20A	N	14
15	L	20A	1	ELT-2	--	210	80 VA			ELT-2	1	20A	N	16
17	L	20A	1	ELT-2	--	260	200 VA	80 VA		ELT-2	1	20A	N	18
19	L	20A	1	ELT-2	--	--	--	220 VA	0	ELT-2	1	20A	N	20
21	--	20A	1	(E) SPARE	--	200	0 VA			(E) SPARE	1	20A	N	22
23	--	20A	1	(E) SPARE	--	--	0 VA			(E) SPARE	1	20A	N	24
25	--	20A	1	(E) SPARE	--	--	0 VA			(E) SPARE	1	20A	N	26
27	--	20A	1	(E) SPARE	--	0	0 VA			(E) SPARE	1	20A	N	28
29	--	20A	1	(E) SPARE	--	--	0 VA	0 VA		(E) SPARE	1	20A	N	30
31	--	20A	1	(E) SPARE	--	--	0 VA	0		(E) SPARE	1	20A	N	32
33	--	20A	1	(E) SPARE	--	--	0 VA			(E) SPARE	1	20A	N	34
35	--	20A	1	(E) SPARE	--	--	0 VA	0		(E) SPARE	1	20A	N	36
37	--	20A	1	(E) SPARE	--	--	0 VA			(E) SPARE	1	20A	N	38
39	--	20A	1	(E) SPARE	--	--	0 VA	0 VA		(E) SPARE	1	20A	N	40
41	--	20A	1	(E) SPARE	--	--	0 VA	0		(E) SPARE	1	20A	N	42
TOTAL CONNECTED LOAD:				6300 VA		9900 VA	3618 VA							
TOTAL CURRENT:				30 A		31 A								
LOAD TYPE				CONNECTED LOAD		DEMAND LOAD								
L				19072 VA		2400 VA								
N				7901 VA		7501 VA								