

SYMBOL	DESCRIPTION
	CONNECTION POINT TO EQUIPMENT SPECIFIED, FURNISHED AND INSTALLED UNDER OTHER DIVISIONS. RACEWAY, CONDUCTOR AND CONNECTION SPECIFIED IN DIVISION 16, COORDINATE FINAL CONNECTION WITH EQUIPMENT SUPPLIER.
	MAJOR ELECTRICAL COMPONENT OR DEVICE - NAME OR IDENTIFYING SYMBOL AS SHOWN.
	BRANCH CIRCUIT PANELBOARD
	UNIT HEATER
	TELEPHONE TERMINAL CABINET
	COMPUTER TERMINAL CABINET
	TERMINAL JUNCTION BOX
	MOTOR, SQUIRREL CAGE INDUCTION, HORSEPOWER INDICATED ON ONE-LINE DIAGRAM
	LUMINAIRE, SEE SCHEDULE
	LUMINAIRE, SEE SCHEDULE
	LUMINAIRE, UNSWITCHED, SEE SCHEDULE
	LUMINAIRE AND POLE, SEE SCHEDULE
	WALL MOUNTED LUMINAIRE, SEE SCHEDULE
	EMERGENCY LIGHTING UNIT
	EXIT LIGHTS, SEE SCHEDULE
	SMALL LETTER SUBSCRIPT AT SWITCH AND LUMINAIRE INDICATES SWITCHING. SUBSCRIPT NUMBER AT LUMINAIRE INDICATES CIRCUIT IN PANELBOARD.
	HOME RUN - DESTINATION SHOWN
	EXPOSED CONDUIT AND CONDUCTORS
	CONCEALED CONDUIT AND CONDUCTORS MINIMUM NO.12 AWG POWER MINIMUM NO.14 AWG LIGHTING MINIMUM NO.16 AWG CONTROL
	UNGROUNDLED OR NEUTRAL CONDUCTORS
	GROUNDLED CONDUCTORS
	FLEXIBLE OR LIQUID-TIGHT CONDUIT
	CIRCUIT CALLOUT, [1" C. 3#9 AWG. 1#10G] CONDUIT, CONDUCTOR, AND NUMBER INDICATED. [2-3" C. 3-350 KC MIL. 1#1/0G. EA.] INDICATES TWO CONDUITS, EACH WITH CONDUCTORS INDICATED.
	GROUND TEST WELL
	GROUND ROD
	CONDUIT DOWN
	CONDUIT UP
	CONDUIT, STUBBED AND CAPPED AS SHOWN
	BUS DUCT, SEE SPECIFICATIONS
	CONCRETE ENCASED CONDUIT
	DIRECT BURIED CONDUIT
	GROUND
	TRENCHING FOR UTILITY COMPANY PRIMARY POWER CIRCUITS
	TRENCHING FOR TELEPHONE COMPANY CIRCUITS
	SWITCH: 2- DOUBLE POLE 3- THREE WAY 4- FOUR WAY CRE- CORROSION RESISTANT D- DIMMER K- KEY OPERATED P- PILOT LIGHT WP- WEATHERPROOF
	MOTOR SWITCH M- MOTOR RATED TOGGLE SWITCH WITHOUT OVERLOADS MS- MANUAL MOTOR STARTER WITH OVERLOADS

SYMBOL	DESCRIPTION
	CONVENIENCE RECEPTACLE - DUPLEX UNLESS SPECIFIED OTHERWISE. NUMBER INDICATES PANELBOARD CIRCUIT. WP- WEATHERPROOF C- CLOCK HANGER TL- TWIST LOCK CRE- CORROSION RESISTANT
	RECEPTACLE - 240V, 1PH, AMPERAGE INDICATED NUMBERS INDICATES PANELBOARD CIRCUITS.
	RECEPTACLE, SPECIAL PURPOSE - AMPERAGE INDICATED
	DUPLEX CONVENIENCE RECEPTACLE - FLUSH IN FLOOR
	MULTI-OUTLET ASSEMBLY
	CLOCK HANGER CONVENIENCE RECEPTACLE
	TELEPHONE RECEPTACLE (OUTLET BOX ONLY) FLUSH IN FLOOR
	TELEPHONE RECEPTACLE (OUTLET BOX ONLY)
	DATA RECEPTACLE (OUTLET BOX ONLY)
	THERMOSTAT. NUMBER INDICATES PANELBOARD CIRCUIT.
	GENERAL CONTROL OR WIRING DEVICE. LETTER SYMBOLS OR ABBREVIATIONS INDICATE TYPE OF DEVICE.
	CONTROL STATION, SEE CONTROL DIAGRAMS FOR TYPE.
	CONDUIT FITTING OR JUNCTION BOX
	NONFUSED DISCONNECT SWITCH, SIZE INDICATED, 3 POLE UNLESS INDICATED OTHERWISE.
	FUSED DISCONNECT SWITCH, SIZE INDICATED. (60/40, 60 = SWITCH RATING; 40 = FUSE RATING) 3 POLE UNLESS INDICATED OTHERWISE.
	CONTACTOR, MAGNETIC, NEMA SIZE INDICATED.
	LIGHTING CONTACTOR, CURRENT RATING INDICATED. FOR NUMBER OF POLES, SEE CONTROL DIAGRAM.
	STARTER MAGNETIC NEMA SIZE INDICATED, SEE CONTROL DIAGRAM.
	COMBINATION (FUSE OR CIRCUIT BREAKER AS INDICATED) MAGNETIC STARTER, NEMA SIZE INDICATED, SEE CONTROL DIAGRAM.
	METERING FACILITIES
	FIBER OPTIC CABLE PATCH PANEL

SYMBOL	DESCRIPTION
	CONTACT - NORMALLY OPEN WITH NEMA SIZE INDICATED AS APPLICABLE
	CONTACT - NORMALLY CLOSED
	OVERLOAD RELAY HEATER
	MAGNETIC STARTER WITH NEMA SIZE INDICATED
	CIRCUIT BREAKER, MAGNETIC TRIP ONLY, FRAME SIZE SHOWN, 3 POLE UNLESS INDICATED OTHERWISE.
	CIRCUIT BREAKER, THERMAL MAGNETIC TRIP SHOWN, 3 POLE UNLESS INDICATED OTHERWISE.
	SWITCH - CURRENT RATING INDICATED, 3 POLE UNLESS INDICATED OTHERWISE.
	FUSE - RATING INDICATED
	DRAWOUT CIRCUIT BREAKER, LOW VOLTAGE
	DRAWOUT CIRCUIT BREAKER, MEDIUM VOLTAGE
	DRAWOUT FUSED SWITCH, MEDIUM VOLTAGE
	SURGE ARRESTER
	CAPACITOR - KVAR INDICATED
	METER WITH SWITCH - SCALE RANGE SHOWN
	GROUND
	TRANSFORMER, SECONDARY VOLTAGES, PHASE AND RATING INDICATED AS APPLICABLE
	PICK-UP SETTING
	TIME CURRENT CHARACTERISTIC
	PUSH-BUTTON SWITCH, MOMENTARY CONTACT, NORMALLY OPEN
	PUSH-BUTTON SWITCH, MOMENTARY CONTACT, NORMALLY CLOSED
	PUSH BUTTON SWITCH, MAINTAINED CONTACTS WITH MECHANICAL INTERLOCK
	NORMALLY CLOSED, TIME DELAY OPENING
	NORMALLY CLOSED, TIME DELAY CLOSING
	NORMALLY OPEN, TIME DELAY CLOSED
	NORMALLY OPEN, TIME DELAY OPEN
	REMOTE DEVICE
	ROTARY SELECTOR SWITCH - ARROW INDICATES SPRING RETURN IF APPLICABLE - CHART IDENTIFIES OPERATION.
	CURRENT TRANSFORMER, NUMBER INDICATED
	INDICATING LIGHT, PUSH-TO-TEST, LETTER INDICATES COLOR
	INDICATING LIGHT - LETTER INDICATES COLOR A - AMBER G - GREEN B - BLUE R - RED C - CLEAR W - WHITE

ABBREVIATIONS	DESCRIPTION	ABBREVIATIONS	DESCRIPTION
A	AMMETER, AMPERE, AMBER	M	MAGNETIC CONTACTOR
AF	AMPERE FRAME	MBB	MAKE BEFORE BREAK
AFD	ADJUSTABLE FREQUENCY DRIVE	MCC	MOTOR CONTROL CENTER
AFF	ABOVE FINISHED FLOOR	MH	MANHOLE, METAL HALIDE
AFG	ABOVE FINISHED GRADE	MO	MOTOR OPERATOR
AIT	AMPERE INSTANTANEOUS TRIP	MPC	MINI-POWER-CENTER
AL	ALUMINUM	MS	MOTOR STARTER
AS	AMMETER SWITCH, AMPERE SENSOR, ADJUSTABLE SETTING	MT	MOUNT
ASU	AIR SUPPLY UNIT	MTS	MANUAL TRANSFER SWITCH
AT	AMPERE TRIP	MTD	MOUNTED
ATC	AUTOMATIC THROWOVER CONTROL	MTP	MOTOR THERMAL PROTECTION
ATS	AUTOMATIC TRANSFER SWITCH	N	NEUTRAL
BBM	BREAK BEFORE MAKE	NA	NON-AUTOMATIC
BC	BARE COPPER	NC	NORMALLY CLOSED
BKR	BREAKER	NL	NIGHT LIGHT
		NO	NORMALLY OPEN
		NP	NAMEPLATE
		OC	ON CENTER
		OFE	OWNER FURNISHED EQUIPMENT
		OL	OVERLOAD RELAY
CB	CONDUIT, CONTACTOR	PB	PULL BOX, PUSH BUTTON, SWITCH
CC	CIRCUIT BREAKER	PC	PHOTOCELL
CE	CONTROL CABLE	PH	PHASE
CKT	CONCRETE ENCASED	PMR	PHASE MONITOR RELAY
CPT	CIRCUIT	PNL	PANEL
CR	CONTROL POWER	PNLB	PANELBOARD
CRE	TRANSFORMER	PS	PRESSURE SWITCH
CRS	CONTROL RELAY	PT	POTENTIAL TRANSFORMER
CT	CORROSION-RESISTANT	PVC	POLYVINYL CHLORIDE CONDUIT
CU	COATED RIGID STEEL		
DC	CURRENT TRANSFORMER		
DIV	COPPER		
DSC	DIRECT CURRENT		
E	DIVISION		
EO	DISCONNECT, SAFETY SWITCH		
EOP	EMPTY, EXISTING		
ESS	ELECTRIC OPERATOR		
ETM	EQUIPMENT		
EXST	RIGID STEEL CONDUIT		
	SWITCH		
	ELAPSED TIME METER		
	EXISTING		
FDR	RED		
F	RECEPTACLE		
FLR	REQUIRED		
FLUOR	RIGID GALVANIZED STEEL (RMC)		
FO	REMOTE MULTIPLEXER		
FVNR	REFERENCE POINT		
	NON-REVERSING		
FVR	RIGID STEEL CONDUIT		
	FULL VOLTAGE		
	REVERSING		
G	GREEN, GROUND		
GALV	GROUND EQUIPMENT		
GEPD	PROTECTION DEVICE		
GFCI	GROUND FAULT CIRCUIT INTERRUPTER		
GFR	GROUND FAULT RELAY		
GND	GROUND		
H	HIGH SPEED		
HH	HANDHOLE		
HID	HIGH INTENSITY DISCHARGE		
HMCP	MOTOR CIRCUIT PROTECTOR		
HPS	HIGH PRESSURE SODIUM		
HS	HAND SWITCH OR STATION		
IC	INTER interrupting CAPACITY		
I&C	INSTRUMENTATION AND CONTROL		
IMC	INTERMEDIATE METAL CONDUIT		
INCAND	INCANDESCENT		
INST	INSTANTANEOUS		
I.S.	INTRINSICALLY SAFE		
J, J-BOX	JUNCTION BOX		
K	KEY INTERLOCK		
L	LIGHTING CONTACTOR, LOW SPEED		
LOS	LOCKOUT STOP PUSH BUTTON		
LR	LATCH RELAY, LINE REACTOR		
LT FLEX	LIQUID TIGHT FLEX CONDUIT		
LTS	LIGHTS		

SHEET NOTES

- (E) EXISTING EQUIPMENT TO BE RETAINED OR MODIFIED UNDER THIS CONTRACT.
- (F) FUTURE EQUIPMENT NOT PROVIDED UNDER THIS CONTRACT, RESERVE SPACE.
- REFER TO SPECIFICATION SECTION x FOR PAD MOUNT GEAR
- REFER TO SPECIFICATION SECTION x FOR SUB-STATION TRANSFORMERS

GENERAL NOTES



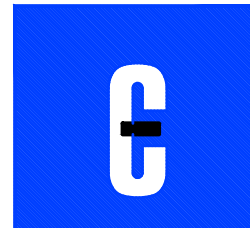
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Control Engineers

Δ	Date	Description
	03/29/2024	PERMIT SET
	2/11/22/2024	REVISION ONE

Seal / Signature

ISSUE FOR CONSTRUCTION

Project Name

MICRON BUILDING B42

Project Number

78.6518.000

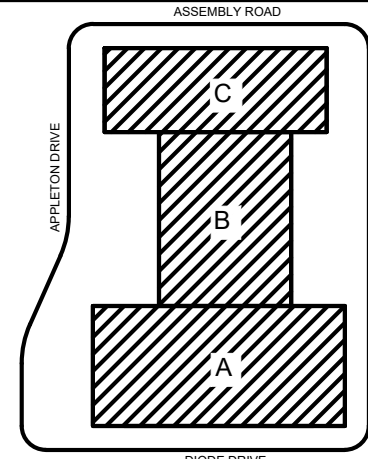
Description

B42 - ELECTRICAL POWER - LEGEND

Scale

EP-0.2

KEY PLAN



City of Boise Stamps

MV ELECTRICAL LEGEND