Abbreviations

EXISTING FUTURE

DEMOLISH

AUTHORITY HAVING JURISDICTION

AVAILABLE INTERRUPTING CAPACITY

AMERICAN NATIONAL STANDARDS INSTITUTE

CONDUIT, CLOSE, CONTROL

CATEGORY

CIRCUIT BREAKER

CONTRACTOR FURNISHED CONTRACTOR INSTALLED

CONTRACTOR FURNISHED OWNER INSTALLED

ELECTRICAL METALLIC TUBING

G, GND

GROUND FAULT CIRCUIT INTERRUPTER

GROUND FAULT INTERRUPTER

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS

LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT

INCH, INCHES

KILOVOLT

KILOVOLT AMPERES

LIGHT EMITTING DIODE

NOT IN CONTRACT

NOT APPLICABLE

NATIONAL ELECTRIC CODE

NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION

OWNER FURNISHED, CONTRACTOR INSTALLED

OWNER FURNISHED, OWNER INSTALLED

REQUEST FOR INFORMATION

UNDERWRITERS LABORATORIES

UNLESS OTHERWISE NOTED

TRANSFORMER

VOLTS, VOLTAGE

WIRE, WHITE

Connections / Equipment

JUNCTION BOX

TRANSFORMER

UTILITY METER BASE

General

—X—X— DEMOLISH **EXISTING WORK**

NEW WORK

DETAIL NUMBER AND SHEET LOCATION

KEYED NOTE

EXIT SIGN WALL MOUNTED, ARROW(S) INDICATES DIRECTION IF

SURFACE MOUNTED 1' X 4' LUMINAIRE

SURFACE MOUNTED 1' X 4' LUMINAIRE CONNECTED TO INTEGRAL EMERGENCY BATTERY CONNECTED TO UNSWITCHED CIRCUIT

YELLOW STRIPE) CONDUCTOR.

Miscellaneous

BRANCH CIRCUIT WIRING. ARROW INDICATES HOME RUN TO PANEL WITH CIRCUITS AS NOTED. WIRE SIZE IS #12 AWG MINIMUM UNLESS NOTED OTHERWISE. SHORT TICK MARKS INDICATE PHASE CONDUCTORS. LONG TICK MARKS INDICATE NEUTRAL CONDUCTORS. A SINGLE CURVED TICK MARK INDICATES INSULATED GREEN GROUND CONDUCTOR. SECOND CURVED TICK MARK INDICATES "ISOLATED GROUND" (GREEN INSULATION WITH

CIRCUIT BREAKER METER WITH CONNECTION

_____ CONDUIT ROUTED BELOW FLOOR / GRADE

SUBGRADE VAULT TELEPHONE

Raceways

CONDUIT/WIRING CONTINUATION CONDUIT/WIRING STUBBED OUT WITH END CAP OR INSULATED

Switches and Receptacles

DUPLEX RECEPTACLE (MULTIPLE LETTERS INDICATE MULTIPLE

A = ABOVE COUNTER

B = CLOCK HANGER C = FLUSH CEILING MOUNTED

E = EMERGENCY F = ARC FAULT PROTECTED BY BREAKER IN PANEL G = GROUND FAULT CIRCUIT INTERRUPTER

H = HOSPITAL GRADE K = CHILD RESISTANT COVER L = ISOLATED GROUND

P = PENDANT MOUNTED WITH CORD GRIPS. VERIFY PENDANT LENGTH R1 = HALF SWITCHED BY OCCUPANCY SENSOR RELAY R2 = FULLY SWITCHED BY OCCUPANCY SENSOR RELAY S = SPLIT WIRED

T = TAMPER RESISTANT SHUTTERED RECEPTACLE W = WEATHERPROOF CONTINUOUS USE COVER, GFCI PROTECTED, WITH WEATHER-RESISTANT RECEPTACLE

v (LOWERCASE) = VACANCY CONTROL DESIGNATION

v (LOWERCASE) = VACANCY CONTROL DESIGNATION

CEILING MOUNTED OCCUPANCY SENSOR P = PASSIVE INFRARED D = DUAL TECHNOLOGY U = ULTRASONIC, 360 DEG RANGE H = ULTRASONIC, HALLWAY PATTERN

WALL MOUNTED OCCUPANCY SENSOR/SWITCH S = PASSIVE INFRARED WITH INTEGRAL "OFF" SWITCH T = DUAL RELAY PASSIVE INFRARED WITH TWO INTEGRAL "OFF" SWITCHES D = PASSIVE INFRARED WITH INTEGRAL DIMMER TO OFF.

PHOTO ELECTRIC SWITCH D = CONTINUOUS DIMMING PHOTOCELL S = SWITCHED PHOTOCELL

SINGLE POLE SWITCH

2 = DOUBLE POLE SWITCH 3 = THREE-WAY SWITCH 4 = FOUR-WAY SWITCH a THRU z (LOWERCASE) = LUMINAIRE CONTROL DESIGNATION

D = DIMMER F = FAN SPEED CONTROL K = KEY OPERATED SWITCH L = LIGHTED HANDLE

M = MANUAL MOTOR STARTER WITH THERMAL OVERLOAD P = SWITCH WITH PILOT LIGHT S = SENTRY SWITCH T = INTERVAL TIMER

V = LOW VOLTAGE SWITCH aa THRU zz (LOWERCASE) = LUMINAIRE CONTROL VIA LIGHTING CONTROL PANEL

W = WEATHERPROOF SWITCH

TECHNOLOGY SYMBOL LIST

NOTE: This is a standard symbol list and not all items listed may be used.

Electronic Security

ELECTRIC STRIKE DOOR LOCKS

WALL MOUNTED ACCESS CONTROL CARD READER

LOW VOLTAGE CABLES TO IN MOB OR HOSPITAL **GENERAL NOTES** AND RACEWAYS ONLY FOR ACCESS 1/2"C. TYP— CARD READER & PUSHBUTTON, LOCATE ON UNSECURE SIDE PUSHBUTTON FOR DOOR — OF DOOR. VERIFY LOCATION RELEASE. LOCATE ON PRIOR TO ROUGH-IN. TO BE SECURE SIDE OF DOOR. POST MOUNTED. TO BE MULLION MOUNTED. ELECTRIC STRIKE · HINGE SIDE OF -DOOR

SINGLE ACCESS DOOR DETAIL

	LUMINAIRE SCHEDULE											
TYPE	DESCRIPTION	HOUSING	SHIELDING	MOUNTING	FINISH	UL/IP RATING	BALLAST	LAMP(S)	INPUT WATTS	VOLTAGE	MFG/CATALOG #	NOTES
SA	EXTERIOR LINEAR ADJUSTABLE METAL HALIDE WALL SCONCE	NOMINAL 13" WIDE BY 11" HIGH ANGULAR ALUMINUM ENCLOSURE	MICRO-PRISMATIC GLASS LENS	COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS	AS SELECTED BY ARCHITECT. TO MATCH EXISTING	WET	INTEGRAL ELECTRONIC	ONE 35 WATT CERAMIC METAL HALIDE	40 WATTS	120	ELLIPTIPAR ENSCONCE 452-OSO SERIES OR APPROVED. TO MATCH EXISTING	
SAE	MANUFACTURERS: DAYBRITE ARIOSO SERIES, LITHONIA RT8 SERIES INPUT WATTS: 34 SCONCE											
SB	EXTERIOR SURFACE MOUNTED LINEAR FLUORESCENT WITH SPECULAR ALUMINUM REFLECTOR	NOMINAL 4-INCH WIDE BY 4-INCH HIGH EXTRUDED ALUMINUM IN LENGTHS AS SHOWN ON DRAWINGS	ACRYLIC SATIN LENS, SEMI-SPECULAR LOUVER	SURFACE TO SIDE OF TRUSS	BRUSHED ALUMINUM	DAMP	ZERO DEGREE START ELECTRONIC	ONE 32 WATT 3100 LUMEN T8	32 WATTS	120	GAMMALUX G-BEAM GB44D SERIES, PRUDENTIAL P40 SERIERS, PMC ES44 SERIES OR APPROVED. TO MATCH EXISTING	
SBE	SAME AS TYPE SB, EXCEPT WITH INTEGRAL BATTERY BACK-UP TO PRODUCE 1350 LUMENS IN EMERGENCY MODE											
Х	PHOTOLUMINESCENT EXIT SIGN	NOMINAL 15-INCH LONG BY 8-INCH TALL BY 0.5-INCH DEEP STENCILED ALUMINUM FACEPLATE WITH POLYCARBONATE VANDAL RESISTANT SHIELD		COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS	WHITE			GREEN PHOTOLUMINESCENT	NOMINAL 2 WATTS	120	ISOLITE PH924 SERIES OR APPROVED	DIRECTIONAL ARROWS AS SHOWN ON DRAWINGS

THIS LUMINAIRE SCHEDULE IS NOT COMPLETE WITHOUT A COPY OF THE PROJECT MANUAL CONTAINING THE ELECTRICAL SPECIFICATIONS.

FLUORESCENT BALLASTS: UNIVERSAL VOLTAGE, PROGRAM START WITH END-OF-LIFE PROTECTIVE CIRCUITRY. 3 DIMMING CONTROL PROTOCOL (0-10VDC, LINE VOLTAGE, DALI, ETC.) COMPATIBLE WITH LIGHTING CONTROL SYSTEM AS SPECIFIED AND SHOWN ON DRAWINGS.

T8 LAMPS: NOMINAL 4 FOOT LAMPS TO HAVE INITIAL 3100 LUMENS. MINIMUM 36000 HOURS RATED LIFE ON 3 HOUR SWITCHING CYCLE AND 42000 HOURS ON 12 HOUR SWITCHING CYCLE.

FLUORESCENT LAMPS TO HAVE 4100K COLOR TEMPERATURE AND 85+ CRI FOR LINEAR LAMPS AND 82+ CRI FOR COMPACT FLUORESCENT LAMPS UNLESS OTHERWISE NOTED.

COORDINATE ALL CEILING TYPES WITH LUMINAIRE LOCATIONS PRIOR TO ORDERING LUMINAIRES. COORDINATE INSTALLATION WITH REFLECTED CEILING PLAN.

SPECIFIED MANUFACTURERS ARE APPROVED TO SUBMIT BID. INCLUSION DOES NOT RELIEVE MANUFACTURER FROM SUPPLYING PRODUCT AS DESCRIBED. 8 PROVIDE SUBMITTALS THAT INCLUDE THE LUMINAIRE, LAMP AND BALLAST INFORMATION OF EACH LUMINAIRE, WITH APPLICABLE OPTIONS CLEARLY CHECKED OR HIGHLIGHTED. SUBMITTALS NOT INCLUDING THIS INFORMATION WILL BE RETURNED AS REJECTED BY THE ENGINEER OF RECORD.

120/208V, 3 Ph., 4 W.; 225A Bus with Main Lug Only 2010-0202 Wallowa MOB Panel '2C' Surface Mounted, Lighting & Appliance Branch Panelboard Ckt. Description /
No. Location (VA)|Type | A/Pole | Note | Ph. | Note | A/Pole | (VA)|Type | Location 360 R 20/1 A 20/1 311 L L-COVERED WALKWAY 1 R - EXAM 1
 360
 R
 20/1
 B
 20/1
 180
 R
 R - COVERED WALKWAY

 720
 R
 20/1
 C
 20/1
 1,000
 M
 DOOR OPERATOR

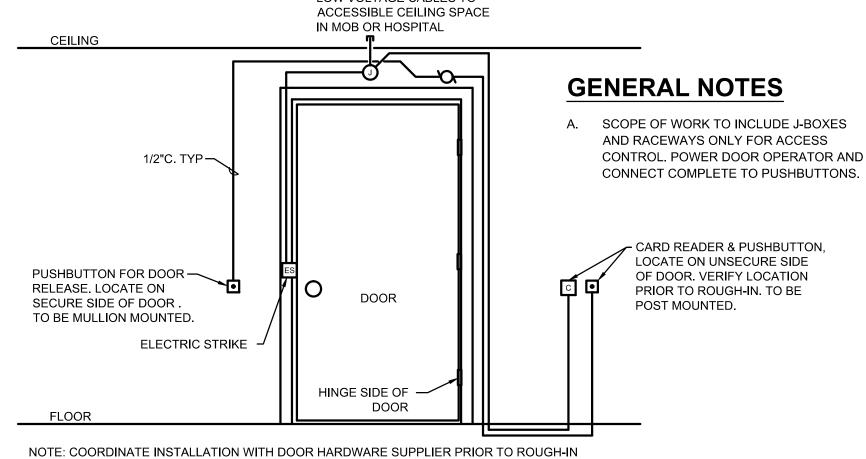
 720
 R
 20/1
 A
 20/1
 1,000
 M
 DOOR OPERATOR
 3 R - EXAM 2 5 R - DR ROSE OFFICE 7 R - STORAGE, SOILED
 1,080
 R
 20/1
 B
 20/1
 1,000
 M
 DOOR OPERATOR

 806
 L
 20/1
 C
 20/1
 1,000
 M
 DOOR OPERATOR

 180
 R
 20/1
 A
 20/1
 SPARE

 20/1
 B
 20/1
 SPARE
 9 R - NURSE 11 L - DR ROSE 13 R - ELEC CLOSET 15 SPARE 17 SPARE19 SPARE 21 SPARE 25 SPARE27 (TWO) RP-1 - EXAM ROOMS 31 BUSSED SPACE 33 BUSSED SPACE BUSSED SPACE 35 BUSSED SPACE BUSSED SPACE 37 BUSSED SPACE 39 BUSSED SPACE **BUSSED SPACE** 41 BUSSED SPACE BUSSED SPACE 2,571 VA 21 Amps Total Connected Load: Ph. A Panel Connected Load: 9.7 KVA 3,120 VA 26 Amps Sub-Fed Connected Load: 0.0 KVA 0.0 Amps Total Connected Load: Ph. B 4,026 VA 34 Amps Total Connected Load: Ph. C Total Demand Load: 10.2 KVA 28.5 **Amps** 1. ADD ALTERNATE #3A.

				RELAY PANEL SCHEDULE					MOUNTING: ACCESSIBLE CEILING			
LOCATION:				LCP-C				MANUFACTURER: LC&D OR APPROVED				
				ON/OFF CONTROL PROGRAMM				ING				
RELAY	TAG	DESCRIPTION	CIRCUIT	LS	os	РНОТО	TC-ON	TC-OFF	SWEEP	NOTES		
R1	aa	CORRIDOR LIGHTS	2C-11.	Х			Х		Х			
R2	bb	EXAM ROOM LIGHTS	2C-11.	Х					Х			
R3	СС	COVERED WALKWAY	2C-2.			Х						
R4	dd	SPARE RELAY										
GENERAL:				NOTES:								
A. LS (LOC.) - LOCAL SWITCH IN ROOM AS INDICATED.				[1] POWER FIXTURES TO FULL BRIGHTNESS IN THE EVENT OF EMERGENCY								
B. OS - ON/OFF CONTROL VIA OCCUPANCY SENSOR				[2] PROVIDE SPARE RELAY FOR FUTURE LOADS. PROVIDE JUNCTION								
C. PHOTO - CONTROL VIA PHOTOCELL				BOX AND CONDUIT TO ACCESSIBLE CEILING SPACE.								
D. TC-ON/TC-OFF - ON/OFF CONTROL VIA SYSTEM TIME CLOCK					[3] FIXTURES TO BE CONTROLLED BY ROOFTOP PHOTOCELL.							
E. SWEEP - SWEEP CIRCUIT OFF THROUGHOUT UNOCCUPIED HOURS.					[4] PROVIDE OVERRIDE SWITCHES AS SHOWN ON PLANS.							
COORDI	INATE	START TIME AND FREQUENCY OF SWEEP WITH										
OWNER												
F. PRO\	/IDE E	BARRIER BETWEEN LOW-VOLTAGE, NORMAL, AND		•					_			



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REVISIONS:

E001 ELECTRICAL SYMBOLS LIST, DETAILS AND SCHEDULES

E201 ENLARGED FLOOR PLANS - POWER/SIGNAL &

PROJECT 2016-0464 CONTACT JIM SATTEM/JOEY DYSERT INTERFACE ENGINEERING

100 SW Main Street Portland, OR 97204 TEL 503.382.2266 FAX 503.382.2262 www.interfaceengineering.com

ELECTRICAL SYMBOLS LIST, **DETAILS AND SCHEDULES**