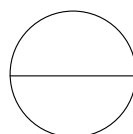
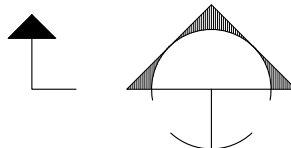
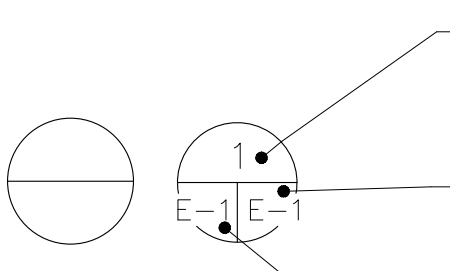
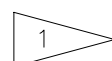


LEGEND

GENERAL

	LIGHT LINE INDICATES NON-ELECTRICAL OR BACKGROUND (THIS IS NOT CONTRACTUAL DEFINITION OF WORK)
	HEAVY LINE INDICATES NEW WORK (THIS IS NOT CONTRACTUAL DEFINITION OF WORK)

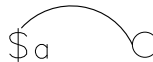
DETAIL IDENTIFICATION

<u>SYMBOL</u>	<u>NAME</u>
	DETAIL, DIAGRAM, OR PARTIAL PLAN
	SECTION
	ALL DETAIL SYMBOLS CONTAIN THE FOLLOWING INFORMATION: SEQUENTIAL CHARACTER (BY SHEET) ALPHABET = SECTIONS & ELEVATIONS NUMBER = DETAILS & PARTIAL PLANS DRAWING CONTAINING SECTION, ELEVATION, PARTIAL PLAN, OR DETAIL DRAWING CONTAINING PLAN AT WHICH SECTION, ELEVATION, PARTIAL PLAN, OR DETAIL APPLIES (NOT ALWAYS USED)
	FLAG NOTE
	REVISION NOTE
	REVISION DEFINITION, AREA ENCIRCLED CONTAINS DRAWING CHANGES MADE SUBSEQUENT TO PREVIOUS ISSUE

LIGHTING

	FIXTURE IDENTIFICATION SYMBOL SEE LUMINAIRE SCHEDULE FOR FIXTURE SYMBOLS
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SWITCHES

	SWITCH, SINGLE POLE; WITH SWITCHING SUBSCRIPT
	THERMAL OVERLOAD MOTOR STARTER SWITCH
	SWITCH, SINGLE POLE; WITH SWITCHING SUBSCRIPT "D" INDICATES WALLBOX DIMMER
	SWITCH & CONTROLLED OUTLET OR FIXTURE
	RELAY
	SWITCH WITH TWIST TIMER
	VACANCY SENSOR WALL SWITCH
	CEILING MOUNTED OCCUPANCY SENSOR
	PHOTOSENSOR FOR DAYLIGHT ZONE. LETTER INDICATES LIGHTING ZONE CONTROLLED BY SENSOR

RECEPTACLES

	DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER (GFCI). INDICATES MOUNTING HEIGHT SHOWN.
	SHOW WINDOW RECEPTACLE
	CEILING MOUNTED DUPLEX RECEPTACLE
	SPECIAL EQUIPMENT
	CONTROLLED RECEPTACLE

OTHER

	SPECIAL HARDWIRED ELECTRICAL CONNECTION
	FUSED DISCONNECT SWITCH
	JUNCTION BOX

LOW VOLTAGE EQUIPMENT FOR REFERENCE ONLY. CONFIRM WITH LOW VOLTAGE VENDOR

	BROADBAND OUTLET
	TELEPHONE OUTLET

ABBREVIATIONS	
A	AMPERE
AC	ALTERNATING CURRENT
AFF	ABOVE FINISHED FLOOR
AIC	AMPS INTERRUPTING CAPACITY
AL	ALUMINUM
AMP	AMPERE
AWG	AMERICAN WIRE GAUGE
BKR	BREAKER
BLDG	BUILDING
C	COIL or CONDUIT
CKT	CIRCUIT
CO	CONDUIT/RACEWAY ONLY
CT	CURRENT TRANSFORMER
Cu	COPPER
CW	COOL WHITE
D	DIMMER
DED	DEDICATED
EXIST	EXISTING
EF	EXHAUST FAN
ELEC	ELECTRICAL
EMT	ELECTRICAL METALLIC TUBING
EQUIP	EQUIPMENT
FACP	FIRE ALARM CONTROL PANEL
FLUOR	FLUORESCENT
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
GRS	GALVANIZED RIGID STEEL
HID	HIGH INTENSITY DISCHARGE
HP	HORSEPOWER
KCMIL	THOUSAND CIRCULAR MILLS
KVA	KILOVOLT AMPERES
KW	KILOWATT
LTG	LIGHTING
LV	LOW VOLTAGE
MFR	MANUFACTURER
MIN	MINIMUM
MLO	MAIN LUGS ONLY
N	NEUTRAL
NEC	NATIONAL ELECTRICAL CODE (NFPA-70)
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NTS	NOT TO SCALE
PNL	PANEL
POC	POINT OF CONNECTION
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE
PWR	POWER
QTY	QUANTITY
RECEPT	RECEPTACLE
RI	ROUGH-IN
RM	ROOM
RO	RACEWAY ONLY
SHT	SHEET
SPEC	SPECIFICATIONS
SW	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TYP	TYPICAL
UG	UNDERGROUND
UL	UNDERWRITERS LABORATORIES
UON	UNLESS OTHERWISE NOTED
V	VOLTS
W	WATTS
WW	WARM WHITE
WP	WEATHERPROOF
W/	WITH
W/O	WITHOUT
WSNREC	WASH. STATE NONRESIDENTIAL ENERGY CODE
XFMR	TRANSFORMER
XFR	TRANSFER
Z	IMPEDANCE OR ZONE

- ALL DEVICES, WIRING, AND INSTALLATION IS NEW, UNLESS NOTED OTHERWISE. CONTRACTOR SHALL MAINTAIN POWER, DATA WIRING, AND FUNCTIONALITY OF ALL EQUIPMENT AND DEVICES DESIGNATED AS EXISTING TO REMAIN OR RELOCATED EXISTING. CONTRACTOR WARRANTS ALL WORK FOR NO LESS THAN ONE YEAR.
- 2) PROVIDE A MINIMUM SIZE OF 3/4" CONDUIT.
- 3) REFER TO ARCHITECTURAL SET FOR ALL RECEPTACLE MOUNTING HEIGHTS. OTHERWISE, ALL RECEPTACLES MTD 18" A.F.F.
- 4) REFER TO ARCHITECTURAL SET FOR ALL SWITCHES MOUNTING HEIGHTS. OTHERWISE, ALL SWITCHES MTD 48" A.F.F.
- 5) ALL DEVICES TO MATCH BUILDING STYLES U.N.O.
- 6) THE CONTRACTOR SHALL REFER TO THE STRUCTURAL, PLUMBING, HVAC, FIRE PROTECTION, AND ARCHITECTURAL DRAWINGS BEFORE INSTALLING ANY ELECTRICAL EQUIPMENT.
- 7) ALL WIRES, TERMINATIONS, & DEVICES SHALL BE RATED 75°C. ALL BRANCH CIRCUIT WIRING, AND DISTRIBUTION FEEDERS SHALL BE COPPER WITH THHN/THWN INSULATION UNLESS NOTED OTHERWISE.
- 8) ALL COMPONENTS FURNISHED BY THE CONTRACTOR SHALL BE UL LISTED FOR THEIR INTENDED USE.
- 9) CONTRACTOR SHALL PROVIDE FULLY RATED ELECTRICAL EQUIPMENT OF THEIR NAMEPLATE VALUES.
- 10) THE CONTRACTOR SHALL PROVIDE BOX, CONDUIT AND PULL STRING FOR COMMUNICATION CABLES. COORDINATE WITH SECURITY AND COMM/DATA VENDORS AND DETERMINE REQUIREMENTS.
- 11) ALL WIRING SHALL BE ROUTED PERPENDICULAR TO COLUMN LINES.
- 12) CONTRACTOR SHALL COORDINATE ELECTRICAL SYSTEM SHORT-CIRCUIT WITHSTAND AND INTERRUPT WITH THE SHELL ELECTRICAL SYSTEM AND DESIGN.
- 13) CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION & QUANTITIES OF ALL DEVICES.
- 14) CONTRACTOR SHALL MATCH BUILDING STANDARDS FOR ALL ELECTRICAL DEVICES, COVER PLATES, RECEPTACLES AND THE LIKE. TRIMS, FINISHES AND COLORS SHALL BE COORDINATED THROUGH THE ARCHITECT.
- 15) CONTRACTOR SHALL GUARANTEE ALL WORK PERFORMED AS PART OF THIS CONTRACT IS FREE FROM DEFECTS FOR A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION. EC SHALL REPLACE OR REPAIR ANY DAMAGED OR DEFECTIVE DEVICES OR WORK FREE OF CHARGE DURING THIS PERIOD.
- 16) A MANUFACTURER'S SPEC SHEET (INCLUDING CATALOG NUMBER AND SHOP DRAWINGS) SHALL BE SUBMITTED FOR APPROVAL ON ALL DISTRIBUTION RACEWAYS AND WIRING, FIXTURES, DEVICES AND EQUIPMENT PRIOR TO PURCHASING.
- 17) ALL WIRING SHALL BE IDENTIFIED WITH PANELBOARD AND CIRCUIT NUMBERS IN ALL JUNCTION BOXES, TROUGHS, POINTS OF TERMINATION, ETC.
- 18) CONTRACTOR SHALL CLEAN, VACUUM & TIGHTEN ALL CONNECTIONS FOR ALL ELECTRICAL DISTRIBUTION EQUIPMENT THAT IS TO BE RE-USED.
- 19) ALL KNOCKOUTS IN ALL ENCLOSURES SHALL BE SEALED.
- 20) CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AN UPDATED TYPED CIRCUIT DIRECTORY FOR ALL PANELBOARDS THAT ARE AFFECTED BY THE CONSTRUCTION.
- 21) CONTRACTOR SHALL PROVIDE ENGRAVED NAMEPLATES FOR ALL PANELBOARDS, JUNCTION BOXES, DISCONNECT SWITCHES AND TRANSFORMERS.
- 22) CONTRACTOR SHALL CROSS REFERENCE AND IDENTIFY ALL EQUIPMENT THAT REQUIRES ELECTRICAL AND FIRE ALARM SERVICE WITH ALL OTHER TRADES.
- 22) CONTRACTOR SHALL REVIEW PROJECT SPECIFICATIONS FOR ALL ELECTRICAL WORK.
- 23) CONTRACTOR SHALL UTILIZE THE MOST STRINGENT SPECIFICATIONS IN THESE DOCUMENTS. IF THERE ARE ANY CONFLICTS OR CONTRADICTIONS, THE MOST STRINGENT SPECIFICATIONS SHALL APPLY.

GENERAL

1. PROVIDE ELECTRICAL INSTALLATION IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE, LOCAL CODES, AND ORDINANCES.
2. PROVIDE ITEMS NECESSARY TO COMPLETE ELECTRICAL SYSTEMS. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY SHOW EVERY CONDUIT, BOX, CONDUCTOR OR SIMILAR ITEMS FOR A COMPLETE INSTALLATION.
3. WHEREVER THE WORD "PROVIDE" IS USED, IT MEANS, "FURNISH AND INSTALL COMPLETE AND READY FOR USE."
4. VERIFY ALL FINAL ROOM NAMES AND NUMBERS WITH OWNER PRIOR TO PREPARING PERMANENT PANEL SCHEDULES.
5. NOT ALL SYMBOLS AND ABBREVIATIONS ARE USED.

CIRCUITS

1. BRANCH CIRCUIT CONNECTIONS ARE SHOWN FOR THE SOLE PURPOSE OF INDICATING ALL OF THE DEVICES WHICH ARE TO BE CONNECTED TO A PARTICULAR BRANCH CIRCUIT. CONDUCTOR SIZES AND/OR QUANTITIES ARE NOT INDICATED FOR 20 AND 15 AMP. BRANCH CIRCUITS. CONDUCTOR SIZES AND/OR QUANTITIES ARE ONLY INDICATED WHERE OVERSIZED CONDUCTORS ARE REQUIRED TO MINIMIZE VOLTAGE DROP OR ON BRANCH CIRCUIT CONNECTIONS WHICH ARE NOT FED BY 15 OR 20 AMP CIRCUIT BREAKERS. THE ELECTRICAL CONTRACTOR SHALL DETERMINE RACEWAY ROUTING, GROUPING OF BRANCH CIRCUITS FOR HOMERUNS, NUMBERS OF CONDUCTORS REQUIRED AND PLACEMENT OF JUNCTION BOXES. SHOW ACTUAL RACEWAY ROUTING AND CIRCUITING ON RECORD DRAWINGS.
2. PROVIDE #10 CONDUCTORS IN LIEU #12 IN 20A CIRCUIT HOMERUNS LONGER THAN 75 FEET.

LIGHTING

1. SUPPORT LIGHT FIXTURES FROM BUILDING STRUCTURE. DO NOT SUPPORT FIXTURES FROM SUSPENDED CEILING.
2. PROVIDE LIGHT FIXTURES WITH PROPER FITTING FLANGES, MOUNTING SUPPORTS, AND ACCESSORY ITEMS, UL LISTED FOR CONDITIONS OF USE.
3. THE MAXIMUM LIGHTING POWER THAT MAY BE CONTROLLED FROM A SINGLE SWITCH OR AUTOMATIC CONTROL SHALL NOT EXCEED THAT WHICH IS PROVIDED BY A TWENTY AMPERE CIRCUIT LOADED TO NOT MORE THAN EIGHTY PERCENT. A MASTER CONTROL MAY BE INSTALLED PROVIDED THE INDIVIDUAL SWITCHES RETAIN THEIR CAPABILITY TO FUNCTION INDEPENDENTLY.
4. CIRCUIT BREAKERS MAY NOT BE USED AS THE SOLE MEANS OF SWITCHING.

GROUNDING

1. GROUND ALL ELECTRICAL DEVICES, MOTORS, METALLIC PIPING, DUCTWORK, METAL FRAMING, REINFORCING STEEL, ETC., IN ACCORDANCE WITH NEC ARTICLE 250. UTILIZE THE METALLIC RACEWAY SYSTEMS AS THE SYSTEM GROUNDING PATH FOR ALL DEVICES UNLESS OTHERWISE NOTED. PROVIDE SEPARATE GREEN GROUNDING CONDUCTOR FOR ALL FLEXIBLE EQUIPMENT CONNECTIONS AND ALL EXTERIOR ELECTRICAL DEVICES, SUCH AS POLE MOUNTED LIGHTING, RECEPTACLES, BUILDING MOUNTED LIGHTING, ETC.

LIGHTING CONTROL COMMISSIONING

1. OCCUPANCY SENSORS, PHOTOCELLS, CONTACTORS AND OTHER LIGHTING CONTROLS SHALL BE TESTED TO ENSURE THAT CONTROL DEVICES, COMPONENTS, EQUIPMENT AND SYSTEMS ARE CALIBRATED, ADJUSTED AND OPERATE IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS.
2. SUBMIT A REPORT OF TEST PROCEDURES AND RESULTS TO THE OWNER.

CONTRACTOR SUBSTITUTIONS & REVISIONS: SUBMIT PROPOSALS FOR SUBSTITUTIONS OR REVISIONS FOR REVIEW AND APPROVAL PRIOR TO ORDERING MATERIAL OR DOING WORK. FOR EQUIPMENT THAT IS SCHEDULED BY MANUFACTURER'S NAME AND CATALOG DESIGNATIONS, THE MANUFACTURER'S PUBLISHED DATA AND/OR SPECIFICATION FOR THAT ITEM ARE CONSIDERED PART OF SPECIFICATION. ENGINEERING COSTS FOR REVISING MEP PLANS SHALL BE ADDRESSED IN THE COST ANALYSIS OF THE SUBSTITUTION PROPOSAL. CONTRACTOR TO COORDINATE WITH ENGINEER AND DETERMINE ASSOCIATED DESIGN AND PERMITTING COSTS. CONTRACTOR SHALL BE RESPONSIBLE FOR OTHER COSTS ASSOCIATED WITH UNFORESEEN ISSUES RESULTING FROM SUBSTITUTIONS OR REVISIONS.

PROPERTY ADDRESS
WOODS COFFEE
1115 E. MAIN STREET
PUYALLUP, WA 98372

APPLICABLE CODES
THE FOLLOWING PROJECT DESIGN IS BASED ON THE FOLLOWING CODES:

- 2023 NATIONAL ELECTRICAL CODE (NEC)
- 2021 WASHINGTON CITIES ELECTRICAL CODE (WCEC)
- 2021 INTERNATIONAL BUILDING CONSERVATION CODE (IECC)
- 2021 INTERNATIONAL BUILDING CODE (IBC) & WASHINGTON STATE AMENDMENTS
- 2021 INTERNATIONAL FIRE CODE (IFC) & WASHINGTON STATE AMENDMENTS
- 2021 INTERNATIONAL MECHANICAL CODE (IMC) & WASHINGTON STATE AMENDMENTS
- 2021 UNIFORM PLUMBING CODE (UPC) & WASHINGTON STATE AMENDMENTS

SCOPE OF WORK
ELECTRICAL TO SUPPORT TENANT IMPROVEMENT ON AN EXISTING BUILDING TO BE USED FOR A DRIVE THRU COFFEE SHOP. ELECTRICAL DESIGN INCLUDES NEW INTERIOR LIGHTING, GENERAL CONVENIENCE RECEPTACLES, AND RECEPTACLES FOR COFFEE SHOP EQUIPMENT.

		INCLUDED IN SET									
		DD SET 04/17/26	PERMIT SET 04/29/26								
DWG	DESCRIPTION										
E0.0	LEGEND, GENERAL NOTES, & DRAWING INDEX	x	x								
E1.0	LIGHTING PLAN	x	x								
E1.1	LUMINAIRE SCHEDULE AND NOTES	x	x								
E1.5	EGRESS PHOTOMETRIC CALCULATIONS	x	x								
E2.0	POWER PLAN	x	x								
E3.0	ONE-LINE & PANEL SCHEDULES	x	x								
E4.0	ENERGY CODE COMPLIANCE		x								

Separate Electrical Permit is required with the Washington State Department of Labor & Industries.
<https://lni.wa.gov/licensing-permits/electrical/electrical-permits-fees-and-inspections>
 or call for Licensing Information: 1-800-647-0982

City of Puyallup
Building
REVIEWED
FOR
COMPLIANCE

BSnowden
06/01/2026
8:19:46 AM

The seal of the City of Puyallup, State of Washington, is located in the bottom right corner. It is a circular emblem with a blue border. Inside the border, the words "CITY OF PUVALUP" are written in a semi-circle at the top, and "STATE OF WASHINGTON" is written in a semi-circle at the bottom. The center of the seal depicts a landscape with a blue river flowing through green hills and trees, with a white mountain peak in the background.

NO.	REVISIONS	
	DATE	DESCRIPTION
	04/17/26	DD SET



DRAWN:	KAS
DESIGNED:	KAS
CHECKED:	MHS
APPROVED:	MHS

PROJECT: WOODS COFFEE - PUYALLUP 1115 E. MAIN STREET PUYALLUP, WA 98372	ROBISON ENGINEERING, INC	19401 40TH AVE. W, SUITE 302 LYNNWOOD, WA 98036 PHONE(206)364-3343	PROJ. NO: 1459-003
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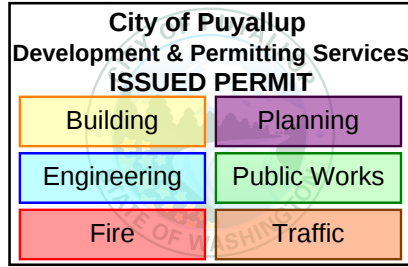
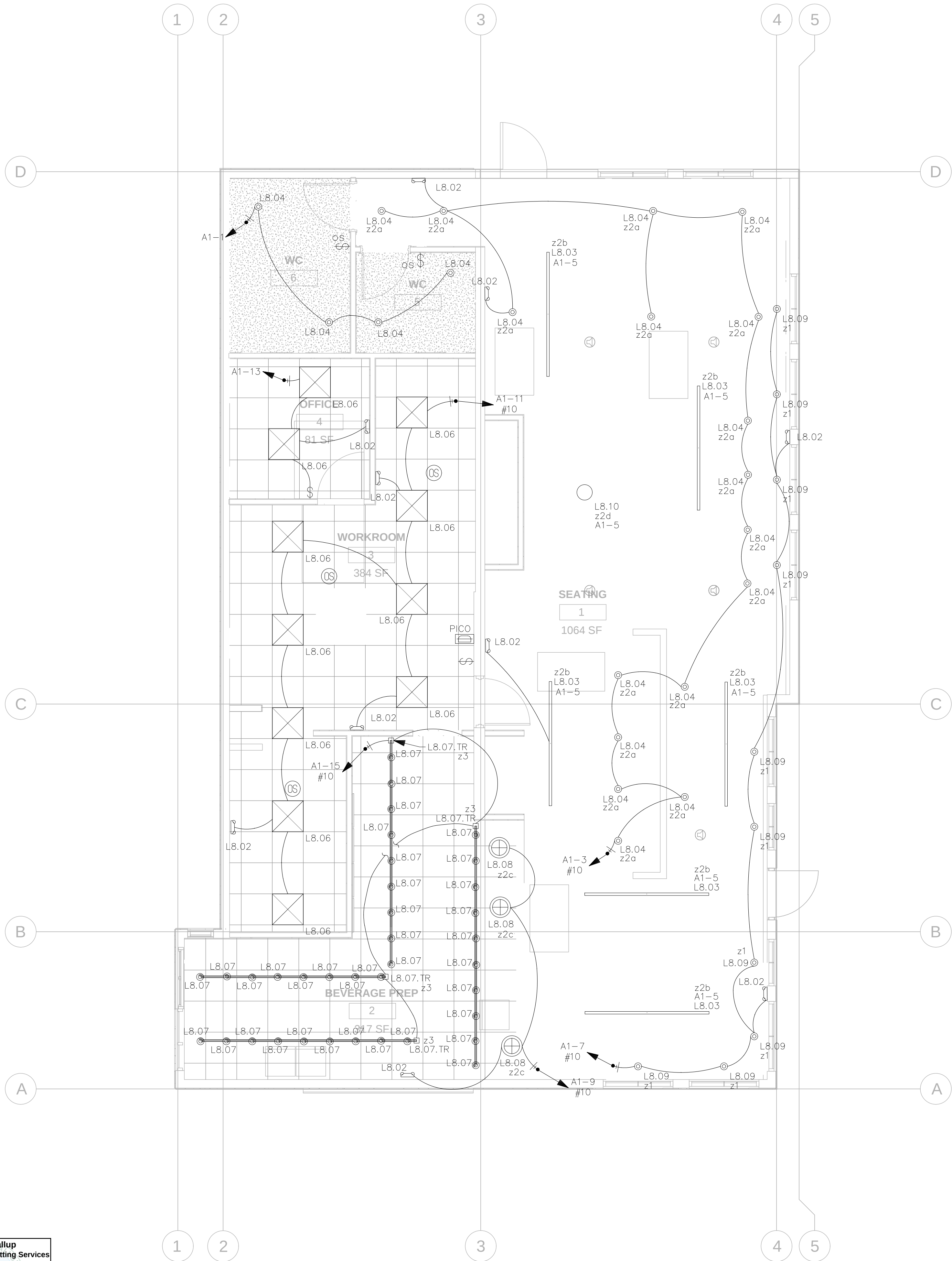
DATE:
04.29.26

SHEET TITLE:

LEGEND,
GENERAL NOTES, &
DRAWING INDEX

SHEET NO.

E0.0



LIGHTING PLAN

SCALE: 1/4" = 1'-0"

GENERAL NOTES

- ALL WALL MOUNTED ELECTRICAL DEVICES SHALL BE LOCATED PER THE FOOD SERVICE ELEVATION DRAWINGS. DO NOT SCALE DEVICE LOCATIONS.
- LIGHT LEVELS IN ALL FOOD PREPARATION AND CLEANING TO HAVE A FOOT CANDLE RATING NO LESS THAN 50 FOOT CANDLES, AND BE LIT BY SHIELDED FIXTURES.
- EC TO ARRANGE EMERGENCY LIGHT FIXTURES SO AS TO PROVIDE AN ILLUMINATION OF 1 FOOT-CANDLE AVERAGE AND 0.1 FOOT-CANDLES MINIMUM ALONG PATH OF EGRESS. REFER TO ARCHITECTURAL SET FOR PATH OF EGRESS. COORDINATE PRIOR TO INSTALLATION.
- CONFIRM ALL SCOPE OF WORK WITH OWNER PRIOR TO BID AND WORK.
- PROVIDE ELECTRICAL INSTALLATION IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE, NATIONAL ELECTRICAL SAFETY CODE, LOCAL CODES, ORDINANCES AND REQUIREMENTS OF UTILITY COMPANIES FURNISHING SERVICES TO INSTALLATION.
- PROVIDE ELECTRICAL INSTALLATION IN ACCORDANCE WITH WASHINGTON ELECTRICAL CODE, LOCAL CODES, ORDINANCES AND REQUIREMENTS OF UTILITY COMPANIES FURNISHING SERVICES TO INSTALLATION.
- PROVIDE ITEMS NECESSARY TO COMPLETE ELECTRICAL SYSTEMS. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY SHOW EVERY CONDUIT, BOX, CONDUCTOR OR SIMILAR ITEMS FOR A COMPLETE INSTALLATION.
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID AND DETERMINE CONDITIONS WHICH MAY AFFECT BID. ANY ITEMS NOT FULLY UNDERSTOOD SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO BIDDING.
- EC TO REUSE, REPLACE, AND/OR PROVIDE NEW CIRCUIT BREAKERS AS NECESSARY FOR PROVIDING ALL POWER CONNECTIONS TO NEW AND EXISTING EQUIPMENT.
- ALL EQUIPMENT, DEVICES AND FIXTURES SHALL BE IN SPECIFICATION GRADE AND IN COMPLIANCE WITH NEC AND UL REQUIREMENTS.
- EMERGENCY EGRESS LIGHTING: BY CONTRACTOR.
- SEE SITE PLAN FOR BUILDING SIGNAGE LOCATIONS.
- SEE ARCHITECTURAL ELEVATIONS FOR FIXTURE MOUNTING HEIGHTS.

LIGHTING CONTROLS

- CONTRACTOR TO PROVIDE FULLY OPERATIONAL LIGHTING CONTROL SYSTEM(S).
 - PROVIDE PROGRAMMABLE LIGHTING CONTROL SYSTEM WITH MANUAL OVERRIDE CONTROL STATION NOT ACCESSIBLE TO PUBLIC.
- LIGHTING CONTROLS SHALL BE INSTALLED WHICH MEET ALL REQUIREMENTS OF LOCAL ENERGY CODES.
- CONTRACTOR SHALL VERIFY THE COMPATIBILITY OF DIMMING AND CONTROL MODULES WITH FIXTURE TYPES PRIOR TO INSTALLATION.
- LOCATIONS OF OCCUPANCY SENSORS, PHOTO SENSORS, AND MANUAL LIGHTING CONTROLS ARE DIAGRAMMATIC. CONTRACTOR TO COORDINATE QUANTITIES AND OPTIMAL LOCATIONS WITH LIGHTING CONTROL MANUFACTURER AND ARCH/OWNER.
- EMERGENCY EGRESS LIGHTING: EMERGENCY LUMINAIRES TYPE L8.02 WITH 90 MINUTE BATTERY BACKUP.

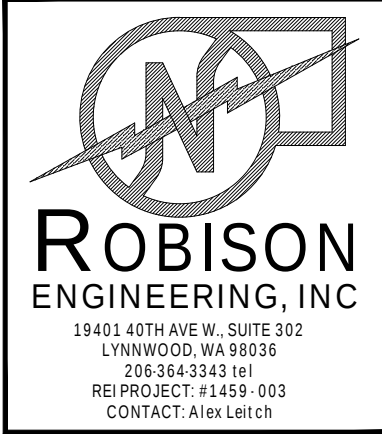
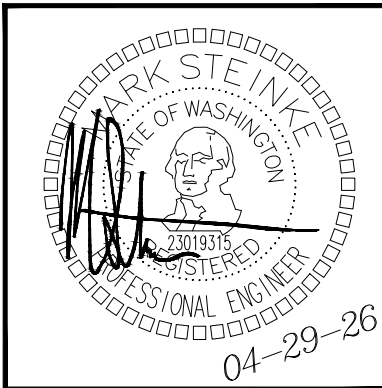
FLAG NOTES

- EC SHALL COORDINATE SWITCH LOCATIONS AND LAYOUT ON WALL TO MATCH FOOD SERVICE EQUIPMENT PLAN.
- NEW EXIT SIGNS. EC TO CONNECT ALL EMERGENCY BATTERY BALLASTS AND EXIT SIGNS AHEAD OF ANY LIGHTING CONTROLS AND ARE TO BE POWERED 24/7.
- EC TO PROVIDE AND INSTALL LUTRON VIVE SYSTEM WITH PICO CONTROLS. ALL LIGHTING IN BUILDING SHALL BE CONNECTED TO VIVE SYSTEM. EC TO ENSURE PROPER MODEL CODE AND SPECIFICATIONS PRIOR TO INSTALL. EC TO INSTALL ACCORDING TO MANUFACTURER SPECIFICATIONS AND INSTALL MANUAL.

SEE SHEET E1.1 FOR LUMINAIRE SCHEDULE, LIGHTING CONTROL ZONES AND ADDITIONAL NOTES

PER 2020 NEC 210.8(B): ALL 50 AMPS OR LESS SINGLE PHASE RECEPTACLES RATED 150V TO GROUND OR LESS & ALL 100 AMPS OR LESS, THREE PHASE RECEPTACLES RATED 150V TO GROUND OR LESS WITHIN KITCHEN, BATHROOM, ROOFTOP, OUTDOORS, SINKS, AND INDOOR WET LOCATIONS SHALL HAVE GFCI PROTECTION AT THE PANEL OR AT THE RECEPTACLE

NO.	DATE	DESCRIPTION	REVISIONS
041726		DO SET	



DRAWN:	KAS	DESIGNED:	KAS	CHECKED:	MHS	APPROVED:	MHS
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PROJECT:	WOODS COFFEE - PUYALLUP 1115 E MAIN STREET PUYALLUP, WA 98372	PROJ NO:	1459-003
		19401 40TH AVE W, SUITE 302 LYNNWOOD, WA 98036 PHONE: (206) 354-3343	
		ROBISON ENGINEERING, INC	

DATE:	04.29.26
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SHEET TITLE:	LIGHTING PLAN
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PRCTI20260728

SHEET NO.	E1.0
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LUMINAIRE SCHEDULE							
CALLOUT	SYMBOL	DESCRIPTION	FIXTURE	LAMPING	VOLTAGE	WATTAGE	TYPE
L8.02		EMERGENCY LIGHT	DUAL LITE: EVR2B	(1) 5W EM	MULTIPLE	5	EMERGENCY ON
L8.03		SUSPENDED LINEAR INDIRECT LIGHT 8FT	ELITE LIGHTING: OMLS-DI-LED 1 S 8 D750L U750L DIM10 MVOLT 35K 90 [COLOR]	(1) 28W LED	120	28	0-10V DIMMING
L8.04		PENDANT LIGHT	NORA LIGHTING: NYLM-3C 30X BB LE 4	(1) 30W LED	120	30	0-10V DIMMING
L8.06		2x2 TROFFER – MANUFACTURER SHALL LOCK SELECTABLE WATTAGE PER THIS SCHEDULE	RAB LIGHTING: T34FA 2X2 / E	(1) 20W LED	120	20	0-10V DIMMING
L8.07		TRACK LIGHT	JUNO LIGHTING: R600L G2 27K 97CRI PDIM FL BL	(1) 9.5W LED	120	9.5	PHASE DIMMING
L8.07.TR		TRACK SYSTEM COMPATIBLE WITH TYPE L8.07 – PROVIDE 1AMP CURRENT LIMITER	JUNO LIGHTING: TRACK SERIES R / CONTRACTOR SHALL COORDINATE LENGTH IN FIELD	(1) 120W LED	120	120	0-10V DIMMING
L8.08		DOME PENDANT LIGHT – PROVIDE MAXIMUM WATTAGE RESTRICTION LABEL PER THIS SCHEDULE	SHADES OF LIGHT: PE22104 [COLOR]	(1) 10W LED	120	10	NONE
L8.09		SHOWROOM WINDOW PENDANT – PROVIDE MAXIMUM WATTAGE RESTRICTION LABEL PER THIS SCHEDULE	ARHAUS: 652036L045	(1) 10W LED	120	10	NONE
L8.10		FIREPLACE CHANDELIER	FAUX ANTLER CHANDELIER	(1) 120W LED	120	120	TBD DIMMING

- EC TO VERIFY EMERGENCY & EXIT LIGHTING MEETS REQUIREMENT OF LOCAL CODE.
- EC TO VERIFY FINAL QUANTITY & MAKE/MODEL SPECIFICATIONS WITH LIGHTING MANUFACTURER , CONSTRUCTION MANAGER AND LOCAL CODE PRIOR TO ORDERING.

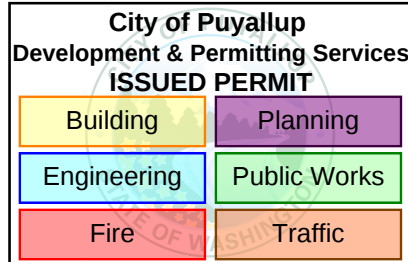
LIGHTING CONTROL SCHEDULE NOTES

1. CS--XX ("CONTROL")
 - 1.1. FINAL LOCAL CONTROL LOCATIONS SHALL BE COORDINATED WITH ARCHITECT/OWNER/INTERIOR DESIGN.
 - 1.2. (CENTRAL CONTROL) - INDICATES SPACE NETWORKED TO CENTRAL LIGHTING SYSTEM. SCENE SELECTION AND PROGRAMMING SHALL BE BY AUTHORIZED PERSONNEL ONLY.
 - 1.3. (LOCAL CONTROL) - INDICATES SPACE WITH LOCAL SCENE/DIM/ON/OFF CONTROL (SCENE CONTROL AS NEEDED). PROGRAMMING SHALL BE BY AUTHORIZED PERSONNEL ONLY. FINAL COORDINATION REQUIRED WITH ARCHITECT/OWNER FOR SPACE AS STANDALONE NETWORKED LIGHTING SYSTEM OR AS PART OF THE CENTRAL LIGHTING SYSTEM.
 - 1.4. (CENTRAL CONTROL, LOCAL SCENE CONTROL) - INDICATES SPACE NETWORKED TO CENTRAL LIGHTING SYSTEM WITH LOCAL SCENE/DIM/ON/OFF FOR MANUAL OVERRIDE AS NEEDED. SCENE SELECTION PROGRAMMING SHALL BE BY AUTHORIZED PERSONNEL ONLY.
2. PROTOCOL WITH "EM" INDICATE ZONES WITH EMERGENCY POWER.
 - 2.1. PROVIDE UL924 LISTED DEVICES AND ASSOCIATED WIRING. IN ADDITION TO EMERGENCY POWER CIRCUIT, PROVIDE NORMAL POWER REFERENCE TO UL924 DEVICE. WHEN NORMAL POWER IS RESTORED, CONTROLS SHALL AUTOMATICALLY RESUME NORMAL OPERATION.
 - 2.2. EMERGENCY MODE: LIGHTING CONTROLS SHALL AUTOMATICALLY OVERRIDE EMERGENCY LIGHTS TO TURN ON TO FULL OR PRESET BRIGHTNESS UPON NORMAL POWER LOSS.
3. EXTERIOR LIGHTING - PROVIDE AUTOMATIC LIGHTING CONTROLS AS INDICATED:
 - 3.1. "DUSK/DAWN" - LIGHTING TO BE AUTOMATICALLY TURNED OFF WHEN DAYLIGHT IS PRESENT.
 - 3.2. "LS" - LIGHTING SCHEDULED FOR AUTOMATIC SHUTOFF OR REDUCTION BY AT LEAST 50% DURING PART OF THE NIGHT.
4. ZONES PRECEDED WITH ASTERIX (*) IN LIGHTING CONTROLS TABLE REQUIRE REMOTE POWER SUPPLY FOR LOW VOLTAGE FIXTURES.
 - 4.1. PROVIDE CLASS 2 REMOTE DRIVERS AS NEEDED PER MANUFACTURER GUIDELINES.
 - 4.2. PROVIDE NEMA3R ENCLOSURES AS NEEDED FOR OUTDOOR LOCATIONS.
 - 4.3. LOCATE REMOTE DRIVERS IN ACCESSIBLE AREAS/CEILINGS OUT OF SIGHT OF PUBLIC.
 - 4.4. CONTRACTOR SHALL CONFIRM NUMBER OF DRIVERS REQUIRED IN FIELD.

DAYLIGHT ZONES

PER EXCEPTION C405.2.4, DAYLIGHT RESPONSIVE CONTROLS ARE NOT REQUIRED ON THE FIRST FLOOR ABOVE GRADE IN GROUP A-2 AND GROUP M OCCUPANCIES

LIGHTING CONTROL SCHEDULE – E1.0					
ZONE	CIRCUIT	FIXTURE	PROTOCOL	LOAD (WATTS)	FIXTURE QTY
LOBBY & BEVERAGE PREP: PICO – 3 SCENE (CENTRAL CONTROL)					
z1	A1-7		0-10V		
z2a	A1-3		0-10V		
z2b	A1-5		0-10V		
z2c	A1-9		0-10V		
z2d	A1-5		TBD		
z3	A1-15		PHASE		



LIGHTING CONTROL SYSTEM REQUIREMENTS

1. CONTRACTOR TO PROVIDE FULLY OPERATIONAL LIGHTING CONTROL SYSTEM(S).
2. LIGHTING CONTROLS SHALL BE INSTALLED WHICH MEET ALL REQUIREMENTS OF LOCAL ENERGY CODES.
3. CONTRACTOR SHALL VERIFY THE COMPATIBILITY OF DIMMING AND CONTROL MODULES WITH FIXTURE TYPES PRIOR TO INSTALLATION.
4. LOCATIONS OF OCCUPANCY SENSORS, PHOTO SENSORS, AND MANUAL LIGHTING CONTROLS ARE DIAGRAMMATIC. CONTRACTOR TO COORDINATE QUANTITIES AND OPTIMAL LOCATIONS WITH LIGHTING CONTROL MANUFACTURER AND ARCH/OWNER.
5. THE CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL ENGINEER FOR EXACT LOCATIONS OF EXTERIOR PHOTO CELLS, IF ANY.

AUTOMATIC LIGHTING CONTROLS

6. OCCUPANCY SENSORS (WSEC C405.2.1) SHALL BE CONFIGURED PER THE FOLLOWING (UON):
 - 6.1. AUTOMATICALLY TURN OFF LIGHT WITHIN 20 MINUTES OF ALL OCCUPANTS LEAVING THE SPACE.
 - 6.2. AUTOMATICALLY TURN ON LIGHTING TO NOT MORE THAN 50 PERCENT POWER WHEN OCCUPANT ENTERS THE SPACE
 - 6.3. SHALL INCORPORATE A MANUAL CONTROL TO ALLOW OCCUPANTS TO TURN LIGHTS ON/OFF.
7. DAYLIGHT ZONES ARE SHOWN ON PLANS AS DEFINED BY C405.2.5.2-C405.2.5.4. DAYLIGHT ZONES ARE REFERRED TO AS 'PRIMARY', 'SECONDARY', AND 'TOPLIT' ON PLANS AND DENOTED BY DASHED 'DZ' LINES.
 - 7.1. DAYLIGHT RESPONSIVE CONTROLS SHALL PROVIDE CONTINUOUS AUTOMATIC DIMMING BASED ON DAYLIGHT CONTRIBUTION OF THE GENERAL LIGHTING WITHIN DAYLIGHT ZONES. CONTROLS SHALL BE CONFIGURED PER THE FOLLOWING (UON):
 - 7.1.1. LIGHTS IN PRIMARY, SECONDARY, AND TOPLIGHT DAYLIGHT ZONES SHALL EACH BE CONTROLLED INDEPENDENTLY OF EACH OTHER.
 - 7.1.2. CALIBRATION MECHANISMS SHALL BE IN A LOCATION WITH READY ACCESS AND SHALL BE CALIBRATED BY AUTHORIZED PERSONNEL ONLY.
 - 7.1.3. DAYLIGHT RESPONSIVE CONTROLS SHALL DIM LIGHTS CONTINUOUSLY FROM FULL LIGHT OUTPUT TO 15 PERCENT OF FULL LIGHT OR LOWER; TIME DELAY CIRCUITS SHALL BE INCORPORATED TO PREVENT CYCLING OF LIGHT LEVEL CHANGES LESS THAN THREE MINUTES.
8. EXTERIOR LIGHTING SHALL BE CONFIGURED PER THE FOLLOWING (UON):
 - 8.1. LIGHTS SHALL BE CONFIGURED TO AUTOMATICALLY TURN OFF WHEN DAYLIGHT IS PRESENT AND SATISFIES THE LIGHTING NEEDS. (C405.2.9.1)
 - 8.2. BUILDING FACADE AND LANDSCAPE LIGHTING SHALL BE CONFIGURED TO AUTOMATICALLY SHUT OFF FOR A MINIMUM OF 6 HOURS OR FROM ONE HOUR AFTER BUSINESS CLOSING TO NOT EARLIER THAN ONE HOUR BEFORE BUSINESS OPENING PER NIGHT EXCEPT WHERE AUTOMATIC SHUTOFF WOULD ENDANGER SAFETY OR SECURITY. (C405.2.9.2)
 - 8.3. LIGHTING SETBACK (C405.2.9.3) SHALL COMPLY WITH THE FOLLOWING:
 - 8.3.1. LUMINAIRES SERVING OUTDOOR PARKING AREAS WITH A WATTAGE GREATER THAN 40 WATTS AND A MOUNTING HEIGHT OF LESS THAN 24 FEET ABOVE GROUND SHALL BE CONTROLLED SO THE TOTAL WATTAGE IS REDUCED BY NOT LESS THAN 50 PERCENT DURING ANY TIME WHERE ACTIVITY HAS NOT BE DETECTED FOR 15 MINUTES OR MORE.
 - 8.3.2. ALL OTHER LIGHTING SHALL BE CONTROLLED SO THAT THE TOTAL WATTAGE IS AUTOMATICALLY REDUCED BY NOT LESS THAN 50 PERCENT FROM NOT LATER THAN 12 MIDNIGHT TO 6AM, FROM NOT LATER THAN ONE HOUR AFTER BUSINESS CLOSING TO NOT EARLIER THAN ON HOUR BEFORE BUSINESS OPEN, OR DURING ANY PERIOD WHEN NO ACTIVITY HAS BEEN DETECTED FOR 15 MINUTES OR MORE.

NETWORKED LIGHTING CONTROLS

9. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH A LIGHTING CONTROLS VENDOR TO OBTAIN LIGHTING CONTROL SYSTEM PACKAGE COMPLETE WITH DEVICES, WIRING DIAGRAMS, ANNOTATED PLANS INDICATING WHICH DEVICE TO BE USED IN EACH LOCATION, CONNECTION REQUIREMENTS, AND SET UP INSTRUCTIONS.
 - 9.1. PROVIDE ALL LOW VOLTAGE WIRING AS REQUIRED FOR CONTROL DEVICE INTERCONNECTIONS.
10. INSTALLER QUALIFICATIONS: TECHNICIAN INSTALLING AND WIRING THE LIGHTING CONTROL SYSTEM SHALL HAVE INSTALLED THIS SAME SYSTEM AT LEAST ONCE PREVIOUSLY. TECHNICIAN SHALL HAVE RECEIVED TRAINING BY FACTORY REPRESENTATIVE ON THE SYSTEM BEING INSTALLED.
11. SEQUENCE OF OPERATIONS SHALL BE CODE MINIMUM UON ON PLANS.

EXIT SIGN NOTES

DURING CONSTRUCTION UPON COMPLETION OF A TYPICAL FLOOR FRAMING AND BEFORE WALL COVER, ELECTRICAL CONTRACTOR SHALL WALK THE EGRESS PATHS WITH THE LOCAL INSPECTOR (AHJ) TO CONFIRM THAT ALL THE EXIT SIGNS ARE LOCATED PER THE AHJ'S SATISFACTION AND IDENTIFY ANY ADDITIONAL EXIT SIGNS THAT THE AHJ WISHES TO BE INSTALLED (IBC 1013.1). CONTRACTOR SHALL PROVIDE UP TO 10% ADDITIONAL EXIT SIGNS AT NO ADDITIONAL COST.

GENERAL LIGHTING NOTES

LUMINAIRES:

1. ALL FIXTURES SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
2. CONTRACTOR SHALL BE RESPONSIBLE TO ORDER ALL NECESSARY HARDWARE, ELECTRICAL CABLE, TIMERS, TRANSFORMERS, ETC., AS REQUIRED FOR COMPLETION OF INSTALLATION OF A FULLY FUNCTIONING SYSTEM.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR EQUIPPING ALL FIXTURES WITH THE EXACT LAMPS SPECIFIED IN THE FIXTURE SCHEDULE OR AN EQUIVALENT APPROVED BY ELECTRICAL DESIGNER.
4. WHERE FIXTURES REQUIRE REMOTE TRANSFORMERS OR BALLASTS, THE CONTRACTOR SHALL DETERMINE LOCATIONS AS REQUIRED FOR EVEN LOAD DISTRIBUTION, SERVICE ACCESS, AND VENTILATION.
5. WHERE APPLICABLE, THE CONTRACTOR SHALL AIM AND ADJUST LIGHTING FIXTURES AS DIRECTED BY THE LIGHTING DESIGNER UPON COMPLETION OF THE INSTALLATION.
6. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC. REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF FIXTURES AND DEVICES. QUESTIONS CONCERNING THE LOCATION OF FIXTURES AND DEVICES SHALL BE DIRECTED TO THE ARCHITECT.

DECORATIVE LIGHTING:

7. FOR CUSTOM FF&E FIXTURES, IT IS THE MANUFACTURER'S RESPONSIBILITY TO FURNISH PRODUCTS WHICH ARE COMPLIANT WITH ALL REQUIREMENTS OF LOCAL ENERGY CODES, AS WELL AS MATCH THE ELECTRICAL SPECIFICATIONS PROVIDED IN THE LUMINAIRE SCHEDULES. PROVIDE SUBMITTAL SHOP DRAWINGS WITHIN 30 DAYS OF RECEIVING FIXTURE ORDER. SUBMITTALS SHALL CLEARLY INDICATE LAMPING AND MAXIMUM WATTAGE RATING OF LAMP SOCKETS. NON-COMPLIANT FIXTURES REJECTED BY ELECTRICAL INSPECTOR SHALL BE RETURNED TO THE MANUFACTURER FOR REWORKING AND/OR RE-LABELING.

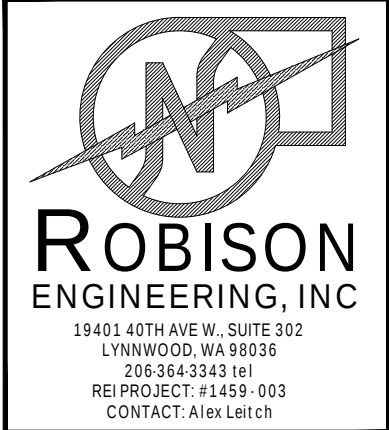
EXIT SIGNS, EGRESS, AND EMERGENCY LIGHTING:

8. EXIT SIGNS: PROVIDE UNSWITCHED HOT. EXIT SIGN LETTERS SHALL NOT BE DIMMED OR RESPOND TO AUTOMATIC LIGHTING CONTROLS.
9. EMERGENCY LIGHTING FIXTURES: IN ADDITION TO SWITCH-LEG, PROVIDE UNSWITCHED HOT TO SERVE INTERNAL BATTERY AND CHARGER.
10. MEANS OF EGRESS ILLUMINATION DURING NORMAL OPERATION SHALL COMPLY WITH IBC 1008.2.1:
 - 10.1. AT ANY TIME THE BUILDING IS OCCUPIED, THE MEANS OF EGRESS SHALL BE ILLUMINATED AT AN INTENSITY OF NOT LESS THAN 1 FOOTCANDLE AT THE WALKING SURFACE.
 - 10.2. ALONG EXIT ACCESS STAIRWAYS, EXIT STAIRWAYS AND AT THEIR REQUIRED LANDINGS, THE ILLUMINATION SHALL NOT BE LESS THAN 10 FOOTCANDLES AT THE WALKING SURFACE WHEN THE STAIRWAY IS IN USE.
11. MEANS OF EGRESS ILLUMINATION DURING EMERGENCY OPERATION SHALL COMPLY WITH IBC 1008.3:
 - 11.1. EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS NOT LESS THAN AN AVERAGE OF 1 FOOTCANDLE AND A MINIMUM AT ANY POINT OF 0.1 FOOTCANDLE.
 - 11.2. THE EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES.
12. DURING EMERGENCY CONDITIONS EMERGENCY LIGHTING CIRCUITS/UNIT EQUIPMENT SHALL BYPASS ALL LIGHTING CONTROLS AND ENERGIZE ALL CONNECTED LUMINAIRES TO PROVIDE ILLUMINATION AT FULL POWER OR TO A PRESET LOAD SHEDDING DIMMED OUTPUT. PROVIDE UL924 RELAYS/DEVICES AS REQUIRED TO BYPASS AREA CONTROLS. WHEN NORMAL POWER IS RESTORED, CONTROLS SHALL AUTOMATICALLY RESUME NORMAL OPERATION.
13. EMERGENCY LIGHTING POWER SHALL BE PROVIDED BY CONTRACTOR.

SPECIAL NOTE TO THE CONTRACTOR:

FIXTURE SUBMITTALS THAT DO NOT INCLUDE LAMP SPECIFICATIONS WILL BE CONSIDERED INCOMPLETE AND WILL NOT BE REVIEWED.

LIGHTING CONTROLS LEGEND		
SYMBOL	CONTROL TYPE	CONTROL FUNCTION
	TOGGLE SWITCH	MANUAL ON/OFF LIGHTING CONTROL. SUBSCRIPT INDICATES WHICH FIXTURES ARE TO BE CONTROLLED BY WHICH SWITCH (WSEC C405.2.3). SUBSCRIPT 'k' INDICATES TAMPER RESISTANT KEYED SWITCH FOR USE BY AUTHORIZED PERSONNEL ONLY.
	DIMMER SWITCH	MANUAL LIGHT REDUCTION CONTROLS. CONTROL SHALL ALSO HAVE MANUAL ON/OFF FUNCTIONALITY. SUBSCRIPT INDICATES WHICH FIXTURES ARE TO BE CONTROLLED BY WHICH DIMMER. (C405.2.3, C405.2.4)
	TOGGLE/DIMMER SWITCH WITH OCCUPANCY SENSOR	SWITCHES LABELED 'os' OR 'vs' SHALL TURN OFF ALL CONNECTED LUMINAIRES WITHIN 20 MINUTES OF SPACE BEING VACANT. (C405.2.1, C405.2.3)
CS-01 	CONTROL STATION; SEE LIGHTING CONTROL ZONE TABLE ON PLANS.	MANUAL LOCAL LIGHTING CONTROL STATION. CONTROL STATION SHALL HAVE CAPACITY TO CONTROL MULTIPLE ZONES AND MULTIPLE SCENES AS NEEDED. SUBSCRIPT CORRESPONDS TO 'CONTROL ZONES' TABLE ON PLANS. (C405.2.3, C405.2.4)
	SURFACE MOUNTED OCCUPANCY SENSOR	AUTOMATIC LIGHTING CONTROL SHALL TURN OFF ALL CONNECTED LUMINAIRES WITHIN 20 MINUTES OF SPACE BEING VACANT. (C404.2.1)
	MULTIZONE PHOTOSENSOR	AUTOMATIC LIGHTING CONTROL SHALL AUTOMATICALLY ADJUST THE LIGHT OUTPUT OF ALL CONNECTED LUMINAIRES BASED ON AVAILABLE DAYLIGHT (C405.2.5).

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DRAWN:	KAS
DESIGNED:	KAS
CHECKED:	MHS
APPROVED:	MHS

PROJECT: WOODS COFFEE - PUYALLUP 1115 E. MAIN STREET PUYALLUP, WA 98372	ROBISON ENGINEERING, INC	19401 40TH AVE W, SUITE 302 LYNNWOOD, WA 98036 PHONE(206)364-3343	PROJ. NO: 1459.003
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DATE:
04.29.26

SHEET TITLE:

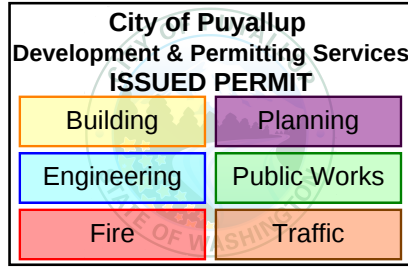
LIGHTING NOTES
AND SCHEDULES

PRCTI20260728

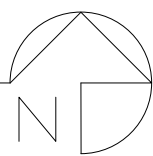
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E1.1



Egress Photometric Schedule	
AVERAGE FOOT-CANDLES	1.82
MAXIMUM FOOT-CANDLES	4.9
MINIMUM FOOT-CANDLES	0.2
MAXIMUM TO MINIMUM FC RATIO	25.48
AVERAGE TO MINIMUM FC RATIO	9.56



EGRESS PHOTOMETRIC CALCULATIONS
SCALE: 3/8" = 1'-0"



NO.	DATE	DESCRIPTION	REVISIONS
041726		DD SET	

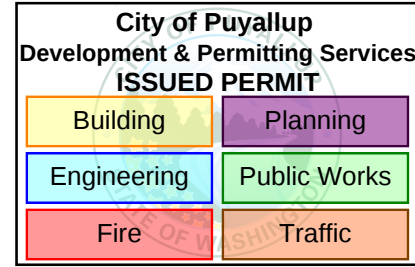


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DESIGNED:	KAS
CHECKED:	MHS
APPROVED:	MHS

PROJECT:	WOODS COFFEE - PUYALLUP 1115 E MAIN STREET PUYALLUP, WA 98372
PROJ NO:	1459-003
DATE:	04.29.26

SHEET TITLE:	EGRESS PHOTOMETRIC CALCULATIONS PRCT120260728
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SHEET NO.	E1.5
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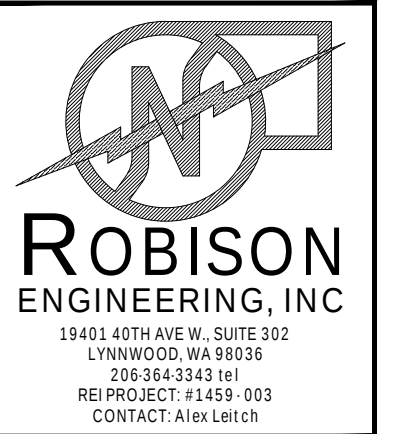
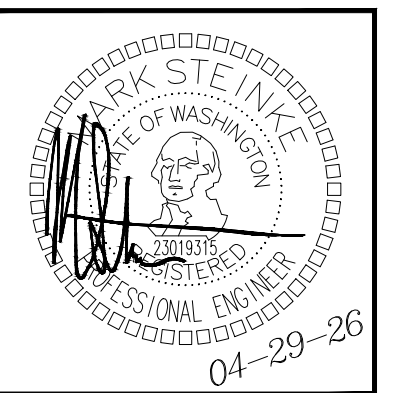


1. CONFIRM ALL SCOPE OF WORK WITH ARCHITECT PRIOR TO BID AND WORK.
2. PROVIDE ELECTRICAL INSTALLATION IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE, NATIONAL ELECTRICAL SAFETY CODE, LOCAL CODES, ORDINANCES AND REQUIREMENTS OF UTILITY COMPANIES FURNISHING SERVICES TO INSTALLATION.
3. PROVIDE ITEMS NECESSARY TO COMPLETE ELECTRICAL SYSTEMS. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY SHOW EVERY CONDUIT, BOX, CONDUCTOR OR SIMILAR ITEMS FOR A COMPLETE INSTALLATION.
4. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID AND DETERMINE CONDITIONS WHICH MAY AFFECT BID. ANY ITEMS NOT FULLY UNDERSTOOD SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO BIDDING.
5. EC TO REUSE, REPLACE, AND/OR PROVIDE NEW CIRCUIT BREAKERS AS NECESSARY FOR PROVIDING ALL POWER CONNECTIONS TO NEW AND EXISTING EQUIPMENT. CONFIRM ALL SCOPE OF WORK WITH OWNER PRIOR TO BID AND WORK.
6. ALL EQUIPMENT, DEVICES AND FIXTURES SHALL BE IN SPECIFICATION GRADE AND IN COMPLIANCE WITH NEC AND UL REQUIREMENTS.
7. REFER TO ARCHITECTURAL SET FOR RECEPTACLE MOUNTING HEIGHTS. OTHERWISE, ALL RECEPTACLES SHALL BE MOUNTED AT +18" A.F.F.
8. LOW VOLTAGE DATA RECEPTACLES ARE SHOWN FOR REFERENCE ONLY. EC TO COORDINATE WITH LOW VOLTAGE VENDOR FOR FINAL LOCATION, QUANTITIES, AND ANY MORE POWER REQUIREMENTS PRIOR TO BID & INSTALLATION.

1. EXISTING ELECTRICAL PANELS TO BE RELOCATED TO NEW LOCATION.
2. PROVIDE WIRING AND CONDUIT FOR CEILING MOUNTED SPEAKERS. COORDINATE FINAL DEVICE SELECTIONS AND REQUIREMENTS WITH LOW VOLTAGE VENDOR/DRAWINGS. TYPICAL.
3. ROUTE CONDUIT DOWN INSIDE NEAREST FULL HEIGHT WALL, EXTEND INTO TRENCH AND TERMINATE CONDUIT IN FLUSH MOUNTED FLOOR JBOX. COORDINATE FINAL LOCATION WITH ARCHITECT AND/OR OWNERSHIP PRIOR TO FLOOR WORK.
4. PROVIDE TAMPER RESISTANT SURFACE MOUNTED 12' RACEWAY (BOD:LEGRAND-WIREMOLD).
5. POWER AND DATA FOR POS SYSTEM INCORPORATED INTO CASEWORK. COORDINATE FINAL MOUNTING LOCATION WITH ARCHITECT/OWNER.
6. RECEPTACLE TO BE INCORPORATED IN CASEWORK. COORDINATE WITH INTERIOR ELEVATIONS FOR FINAL MOUNTING HEIGHT.
7. SHOW WINDOW RECEPTACLE MOUNTED ABOVE WINDOW. COORDINATE FINAL MOUNTING LOCATIONS WITH ARCHITECTURAL ELEVATIONS.
8. EC TO COORDINATE FINAL LOCATIONS AND POWER REQUIREMENTS WITH MECHANICAL DRAWINGS.
9. EXISTING HVAC EQUIPMENT ON ROOFTOP. EC TO COORDINATE WITH MECHANICAL DRAWINGS.

PER 2020 NEC 210.8(B): ALL 50 AMPS OR LESS SINGLE PHASE RECEPTACLES RATED 150V TO GROUND OR LESS & ALL 100 AMPS OR LESS, THREE PHASE RECEPTACLES RATED 150V TO GROUND OR LESS WITHIN KITCHEN, BATHROOM, ROOFTOP, OUTDOORS, SINKS, AND INDOOR WET LOCATIONS SHALL HAVE GFCI PROTECTION AT THE PANEL OR AT THE RECEPTACLE

SCALE: 1/4" = 1'-0"

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DRAWN:	KAS
DESIGNED:	KAS
CHECKED:	MHS
APPROVED:	MHS

PROJECT: WOODS COFFEE - PUYALLUP 1115 E. MAIN STREET PUYALLUP, WA 98372	19401 10TH AVE W. SUITE 302 LYNNWOOD, WA 98038 PHONE (206) 364-3343	PROJ NO: 1459-003
ROBISON ENGINEERING, INC		

DATE:
04.29.26

SHEET TITLE:

POWER PLAN

PRCTI20260728

SHEET NO.
E2.0

LIGHTING COMPLIANCE SUMMARY

2021 WSEC Compliance Forms for Commercial Buildings including Group R2, R3 & R4 over 3 stories and all R1

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Project & Applicant Information	Project Title	WOODS COFFEE - 2021 WSEC	For Building Department Use:	Date: Apr 22, 2026
	Project Address	1115 E. MAIN STREET Puyallup, WA 98372		
	Applicant Name	Kaneez Sheikh		
	Applicant Phone	206-364-3343		
	Applicant Email	ksheikh@robinsonengineering.com		

For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com

General Occupancy	All Commercial		General Building Use Type		Dining, Fast Food	Building Cond. Floor Area	2,208
General Project Types	Alteration	New Building or Addition Lighting Scope		Alteration Lighting Scope	Interior Lighting	Project Cond. Floor Area	2,208
						Floors Above Grade	1
						Compliance Method	General Prescriptive
Lighting Project Description							

Lighting Compliance Scope and Method	Project Type	Interior / Exterior (Interior includes both interior & parking)	Luminaire Replacement Scope	Compliance Method	LPA Calculation Adjustment	Compliance Verification
	Alteration	Interior Lighting	20% or more replaced	Building area	No Calculation Adjustments allowed	COMPLIES
Additional Energy Efficiency (AEC) Measures Included	No lighting or electrical additional energy efficiency measures included in project		Load Management (LDM) Measures Included		No lighting or electrical load management measures included in project	

Project Title	WOODS COFFEE - 2021 WSEC			Date	Apr 22, 2026
Lighting Power Calculation		ALTERATION - INTERIOR LIGHTING (20% or more replaced)		Compliance Verification	
				COMPLIES	
Compliance Method		Building area	LPA Calculation Adjustment		none

Interior Lighting Power Allowance - Building Area					
Building Areas	Gross Interior Area (SF)	LPA (Watts/SF)	Total Watts Allowed (SF x LPA x 1)	Total Proposed Watts By Building Area	Compliance Status by Building Area
Dining - Cafeteria/fast food	2,208	0.72	1,590	1,490	COMPLIES

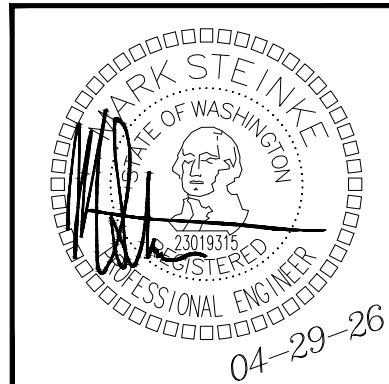
Proposed Lighting Power Density								
Fixture Type/Application	Fixture ID	Building Area	New or Existing-to-Remain	Quantity of Fixtures, CLDs or Luminaires (#F)	Watts per Fixture, CLD or Luminaire (WpF)	Total Linear Feet (LF)	Watts per Linear Foot (WpLF)	Total Watts Proposed (#F x WpF) or (LF x WpLF)
Individual Fixtures								
Direct / indirect pendant	L8.09	Dining - Cafeteria/fast food	New	10	10			100
Direct / indirect pendant	L8.08	Dining - Cafeteria/fast food	New	3	10			30
Direct / indirect pendant	L8.03	Dining - Cafeteria/fast food	New	6	28			168
Direct / indirect pendant	L8.04	Dining - Cafeteria/fast food	New	21	30			630
Troffer	L8.06/E	Dining - Cafeteria/fast food	New	11	20			220
Other fixture type	L8.07	Dining - Cafeteria/fast food	New	36	10			342

Project Title	WOODS COFFEE - 2021 WSEC				Date	Apr 22, 2026
Proposed Fixtures Details		ALTERATION - INTERIOR LIGHTING (20% or more replaced)				
Fixture Type/Application	Fixture ID	Location in Documents		Lamp Type	Building Area	New or Existing-to-Remain

Individual Fixtures					
Direct / indirect pendant	L8.09	E1.00	LED	Dining - Cafeteria/fast food	New
	Fixture Description: SHOWROOM WINDOW PENDANT			Are these fixtures located within a daylight zone?: Yes, controls provided	
Direct / indirect pendant	Daylight zone location(s): Sidelit daylight zones (primary and/or secondary)			Do these fixtures require specific application lighting controls?: None required	
	L8.08	E1.00	LED	Dining - Cafeteria/fast food	New
Direct / indirect pendant	Fixture Description: DOME PENDANT LIGHT			Are these fixtures located within a daylight zone?: No	
	Do these fixtures require specific application lighting controls?: None required				
Direct / indirect pendant	L8.03	E1.00	LED	Dining - Cafeteria/fast food	New
	Fixture Description: SUSPENDED LINEAR LIGHT 8 FT			Are these fixtures located within a daylight zone?: Yes, controls provided	
Direct / indirect pendant	Daylight zone location(s): Sidelit daylight zones (primary and/or secondary)			Do these fixtures require specific application lighting controls?: None required	
	L8.04	E1.00	LED	Dining - Cafeteria/fast food	New
Troffer	Fixture Description: PENDANT LIGHT			Are these fixtures located within a daylight zone?: Yes, controls provided	
	Daylight zone location(s): Sidelit daylight zones (primary and/or secondary)			Do these fixtures require specific application lighting controls?: None required	
Troffer	L8.06/E	E1.00	LED	Dining - Cafeteria/fast food	New
	Fixture Description: 2X2 TROFFER			Are these fixtures located within a daylight zone?: No	
Other fixture type	Do these fixtures require specific application lighting controls?: None required				
	L8.07	E1.00	LED	Dining - Cafeteria/fast food	New
	Fixture Description: TRACK LIGHT			Are these fixtures located within a daylight zone?: No	
	Do these fixtures require specific application lighting controls?: None required				

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graph TD
    A[ISSUED PERMIT] --- B[Building]
    A --- C[Planning]
    A --- D[Engineering]
    A --- E[Public Works]
    A --- F[Fire]
    A --- G[Traffic]
  
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DRAWN:	KAS
DESIGNED:	KAS
CHECKED:	MHS
APPROVED:	MHS

PROJECT: WOODS COFFEE - PUYALLUP 1115 E. MAIN STREET PUYALLUP, WA 98372	ROBISON <u>ENGINEERING, INC</u>	PROJ NO: 1459-003
	19401 140TH AVE.W. SUITE 302 LYNNWOOD, WA 98038 PHONE:(206)364-3343	

DATE:
04.29.26

SHEET TITLE:

ENERGY
COMPLIANCE
FORMS

PRCTI20260728

SHEET NO.
E4.0