

**RECEPTACLE SCHEDULE**

CALLOUT	SYMBOL	NEMA	VOLTS	FEATURES
GFCI UNITS		5-20R	120V 1P 2W	GFCI, GND
GFCI WP		5-20R	120V 1P 2W	WP, GFCI, GND
JUNCTION BOX			120V 1P 2W	GND
QUAD		5-20R	120V 1P 2W	GND
STANDARD		5-20R	120V 1P 2W	GND
SWITCHED RECEPTACLE		5-20R	120V 1P 2W	GND
UNIT MICRO/REFRIG DEDICATED		5-20R	120V 1P 2W	GND

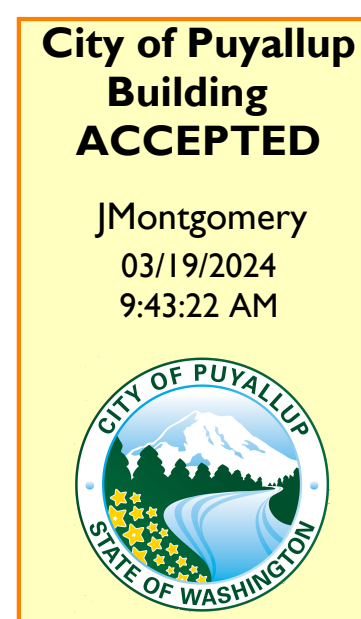
**SWITCH SCHEDULE**

CALLOUT	SYMBOL
CAPTIVE KEY SYSTEM	
PHOTOCELL	
STANDARD SWITCH	
WALL OCCUPANCY SENSOR SWITCH	

**INSTRUCTION TO BIDDERS**

- IT IS MANDATORY FOR THE CONTRACTOR TO VISIT THE SITE AND REVIEW THE EXISTING SYSTEM AND CONDITIONS IN ORDER TO BID THIS PROJECT.
- DESIGN DRAWINGS ARE SCHEMATIC. THIS CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING OR AWARD OF CONTRACT TO INSPECT EXISTING FIELD CONDITIONS. THIS CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS.
- THE CONTRACTOR SHALL CONTACT THE ARCHITECT, ENGINEER OR OWNER PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN HIS BID ALL COSTS TO MEET THE DESIGN INTENT. CLARIFICATIONS MADE BY THE ARCHITECT, ENGINEER OR OWNER AFTER BIDDING WILL BE FINAL AND SHALL BE IMPLEMENTED AT CONTRACTOR'S COST.
- BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES, THE PLANS AND SPECIFICATIONS NOT WITHSTANDING. THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OF ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.

**FULL SIZED LEDGIBLE COLOR PLANS ARE REQUIRED TO BE PROVIDED BY THE PERMITTEE ON SITE FOR ALL INSPECTIONS (MIN. PLAN SIZE 24" X 36")**



**ELECTRICAL GENERAL NOTES:**

- ALL ELECTRICAL INSTALLATIONS SHALL COMPLY WITH 2014 NEC, 2015 WSEC AND ADA STANDARDS.
- ALL RECEPTACLES AND SWITCHES SHALL BE FLUSH MOUNTED FOR ALL AREAS. U.O.N.
- THE ELECTRICAL DRAWINGS ARE GENERALLY DIAGRAMMATIC. THE ELECTRICAL INSTALLATION SHALL BE COORDINATED WITH ALL OTHER TRADES SO THAT INTERFERENCES BETWEEN THE ELECTRICAL INSTALLATION AND ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION AND EQUIPMENT INSTALLATION WILL BE AVOIDED.
- REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ROOM AND AREA FINISHES, CEILING PLANS, DOOR SWINGS, FIRE RELATED PARTITIONS, CABINET AND CASE WORK AND BUILT-IN DETAILS.
- ALL WIRING TO BE SIZE #12 AWG UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL PROVIDE ALL DISCONNECTS TO MEET LOCAL CODES.
- ALL FINAL CONNECTIONS SHOWN ON THE DRAWINGS ARE ACTUAL REQUIREMENTS OF THE EQUIPMENT AND ARE SHOWN IN THEIR APPROXIMATE LOCATION.
- ALL MOTOR STARTERS SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR FURNISHING THE EQUIPMENT AND INSTALLED, WIRED AND CONNECTED BY ELECTRICAL CONTRACTOR. SEE MECHANICAL SPECIFICATIONS SECTION 15001, PART 3.07.
- ALL RECEPTACLES, HORNS, VISUAL INDICATORS, EMERGENCY LIGHTS, PULL STATIONS AND EXIT LIGHTS MOUNTED ON THE EXTERIOR OF THE BUILDING SHALL BE THE WEATHERPROOF TYPE.
- AUDIO/VISUAL INDICATOR SHALL BE INSTALLED ABOVE THE FIRE ALARM PULL STATION WHERE APPLICABLE AT APPROXIMATELY 6" BELOW CEILING.
- ALL EXTERIOR EQUIPMENT AND DEVICES SHALL BE WEATHERPROOF AND RAIN TIGHT.
- COORDINATE ALL LIGHTING WITH MECHANICAL AND PLUMBING EQUIPMENT.
- CONTRACTOR TO VERIFY THAT ALL EQUIPMENT WITH CIRCUIT BREAKERS AS LOCAL DISCONNECT MEANS IS HACR RATED. IF NOT, PROVIDE DISCONNECT SWITCH PER N.E.C.
  - RECEPTACLES +15" TO BOTTOM
  - SWITCHES +48" TO CENTERLINE
- REFER TO ARCHITECTURAL DRAWINGS FOR DESIGNATION AND LISTING OF FIRE RATED ASSEMBLY DESIGN NUMBERS. COORDINATE ALL DESIGN WORK WITH FIRE RESISTANCE OF MATERIALS AND CONSTRUCTION.
- FINAL DETERMINATION OF FIRE DAMPERS AND OTHER FIRE STOPPING REQUIREMENTS SHALL BE BASED ON LOCAL CODE REQUIREMENTS.
- ELECTRICAL SYSTEM AND COMPONENTS SHALL BE IN COMPLIANCE WITH THE REGULATIONS OF THE STATE AND LOCAL ENFORCING AGENCIES.
- ALL BATHROOM RECEPTACLES SHALL BE G.F.I. (TYP.)
- THE ELECTRICAL CONTRACTOR SHALL REFER TO AND COORDINATE THE LOCATION OF ALL AREA/OCCUPANCY SEPARATION WALLS WITH THE ARCHITECTURAL DRAWINGS AND DETAILS.
- ALL CONDUIT, ETC. PENETRATIONS THROUGH THE BUILDING SHALL BE FIRE/SMOKE STOPPED PER THE LATEST EDITION OF THE UNDERWRITERS LABORATORIES FIRE RESISTANCE WITH HOURLY RATINGS FOR THROUGH-PENETRATION FIRE STOPS SYSTEM VOLUME #2 OR SHALL BE INSTALLED IN STRICT ACCORDANCE PER THE MANUFACTURERS U.L. LISTINGS. COORDINATE WITH GENERAL CONTRACTOR PRIOR TO BIDDING.
- MOUNTING HEIGHT OF ALL WALL MOUNTED LIGHT FIXTURES SHALL BE PER ARCHITECTURAL PLANS, ELEVATIONS AND DETAILS.
- SEE ARCHITECTURAL PLANS AND DETAILS FOR MINIMUM SEPARATION REQUIREMENTS OF RESIDENTIAL UNIT PARTY WALL OUTLETS FOR SOUND ABATEMENT.
- EMERGENCY EGRESS LIGHTING TEST TO BE PERFORMED. ALL EXTERIOR BUILDING MOUNTED LIGHTING TO BE SHIELDED SO DIRECT ILLUMINATION IS CONFINED TO PROPERTY BOUNDARIES OF LIGHT SOURCE.
- PROJECT TO COMPLY WITH 2015 IFC SECTION 510 EMERGENCY RESPONDER RADIO COVERAGE.

**LUMINAIRE SCHEDULE**

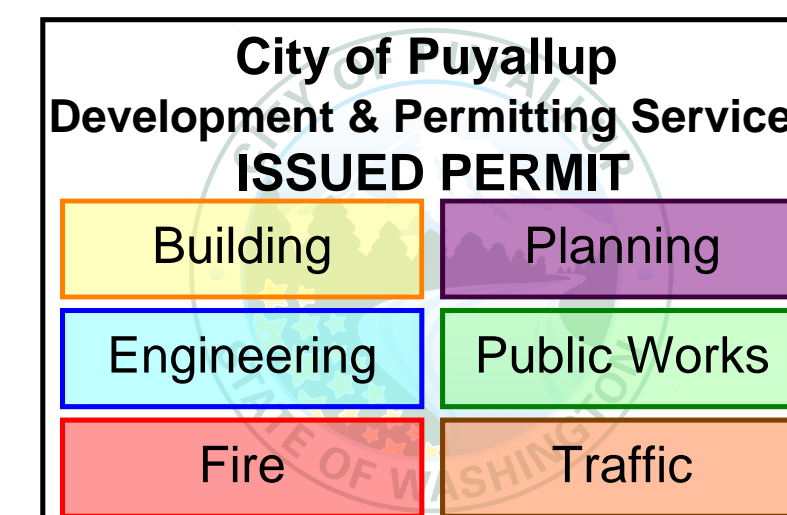
CALLOUT	SYMBOL	LAMP	DESCRIPTION	BALLAST	MOUNTING	MODEL	INPUT WATTS	VOLTS	LOCATION/NOTES	QUANTITY
L-1		(1) 15.6W LED	RECESSED 5" DOWNLIGHT	ELECTRONIC	RECESSED	JUNO UC20LED G4 14LM 30K 90CRI 204 CWH	15.6	120V 1P 2W	LVL 2-4 NEW ADDITION CORRIDOR	62
L-2		(1) 11.2W LED	RECESSED 4" FOCAL LIGHT	ELECTRONIC	RECESSED	JUNO IC1LED G4 09LM 30K 90CRI 17 BWH	11.2	120V 1P 2W	LVL 2-4 NEW ADDITION CORRIDOR DOORS	30
L-3		(1) 8W LED	WALL SCONCE ACCENT LIGHT	ELECTRONIC	WALL	KUZCO 601471-BK-LED	8	120V 1P 2W	LVL 2-4 NEW ADDITION CORRIDOR	75
P1		(1) 47W LED	PARKING GARAGE DOWNLIGHT W/ BUILT-IN OCCUPANCY SENSOR	ELECTRONIC	SURFACE	HE WILLIAMS 97-4-L50/830-FR--DRV-120V	47	120V 1P 2W	LVL 1 NEW ADDITION GARAGE	6
P1E		(1) 47W LED	PARKING GARAGE DOWNLIGHT W EMERGENCY BACKUP AND BUILT IN OCCUPANCY SENSOR	ELECTRONIC	RECESSED	HE WILLIAMS 97-4-L50/830-FR-EM/BSL310-DRV-120V	47	120V 1P 2W	LVL 1 NEW ADDITION GARAGE	5
S1		(1) 39.5W LED	LED SURFACE MOUNTED LIGHT FIXTURE	ELECTRONIC	SURFACE	LITHONIA WL4-40L-EZ1-LP830-NES7-EL14L	39.5	120V 1P 2W	STAIRWELLS WITH OCCUPANCY SENSOR FOR LIGHT REDUCTION & BATTERY BACKUP. REFER TO ARCHITECTURAL PLANS FOR MOUNTING LOCATIONS.	8
S2		(1) 40W LED	1'X4' SURFACE LIGHT	ELECTRONIC	SURFACE	PHILIPS DAYBRITE LF4FR3135ULAG	40	120V 1P 2W	LVL 2-4 NEW ADDITION STORAGE	6
W1		(1) 16W LED	EXTERIOR WALL SCONCE WET RATED	ELECTRONIC	WALL	COOPER INDUSTRIES B95-VE-GRY-LD4-16W-30-CL-120-ED1D1 -PB120/SC95/GRY, UTILIZE LIGHT GREY COLOR FOR CASING.	16	120V 1P 2W	EXTERIOR WALL, 1% DIMMING DRIVER	1
X1		(1) 0.8W LED	EXIT SIGN	ELECTRONIC	CEILING	EXR-LED-EL-M6	0.8	120V 1P 2W	EGRESS	23
XM		(1) 3W LED	EMERGENCY BUGEYE	ELECTRONIC	WALL	LITHONIA LIGHTING QUANTUM ELM2LED	3.6	120V 1P 2W	EGRESS	21

**UNITS LUMINAIRE SCHEDULE**

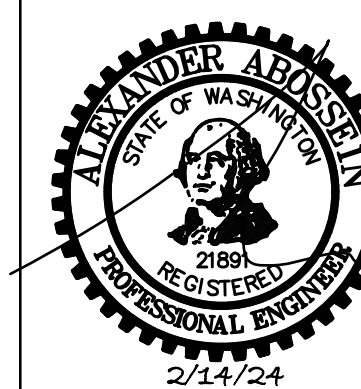
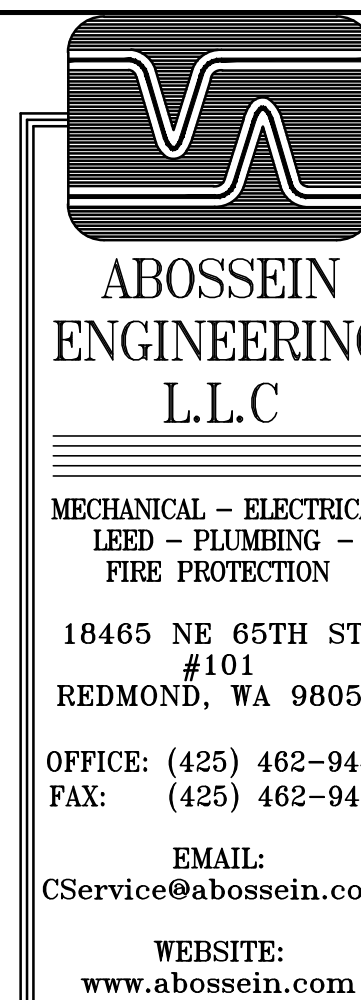
CALLOUT	SYMBOL	LAMP	DESCRIPTION	BALLAST	MOUNTING	MODEL	INPUT VA	TOTAL VA	VOLTS	NOTES	QUANTITY
L-4		(1) 26W LED	12" FLUSH MOUNT GENERAL LIGHT FIXTURE	ELECTRONIC	SURFACE	MODERN FORMS PI FLUSH-FM-W44812-30-BK	26	26	120V 1P 2W	LVL 2-4 NEW ADDITION GUESTROOMS	30
L-5		(1) 17W LED	12" FLUSH MOUNT GENERAL LIGHT FIXTURE	ELECTRONIC	CEILING	ACCESS LIGHTING VISION ROUND-50037LEDD-BS/FST	17	17	120V 1P 2W	LVL 2-4 NEW ADDITION GUESTROOM BATHS	33
L-6		(1) 38W LED	WALL MOUNTED 27" VANITY LIGHT FIXTURE	ELECTRONIC	WALL	MODERN FORMS VOGUE-WS-3127-CH	38	38	120V 1P 2W	LVL 2-4 NEW ADDITION GUESTROOM BATH VANITY	30

**PLAN INDEX:**

SHEET NO.	SHEET DESCRIPTION	SHEET NO.	SHEET DESCRIPTION
E1.0	GENERAL NOTES, SCHEDULES, AND PLAN INDEX	E5.2	FIRE ALARM RISER DIAGRAM AND NOTES
E2.0	1ST FLOOR POWER	E6.0	DETAILS
E2.1	2ND FLOOR POWER	E7.0	PANEL SCHEDULES
E2.2	3RD FLOOR POWER	E7.1	PANEL SCHEDULES
E2.3	4TH FLOOR POWER	E7.2	PANEL SCHEDULES
E2.4	ROOF FLOOR POWER	E8.0	ENERGY CODE FORMS
E3.0	1ST FLOOR LIGHTING	E8.1	ENERGY CODE FORMS
E3.1	2ND FLOOR LIGHTING	E9.0	MECHANICAL EQUIPMENT SCHEDULES
E3.2	3RD FLOOR LIGHTING	E9.1	FAULT CURRENT & ARC FLASH SCHEDULE
E3.3	4TH FLOOR LIGHTING	E10.0	SPECIFICATIONS
E4.0	ENLARGED UNIT PLANS ELECTRICAL		
E5.0	POWER RISER DIAGRAM LEVELS 1-4		
E5.1	TELECOMMUNICATION RISER DIAGRAM		



**REVISION #8  
B-20-0078**



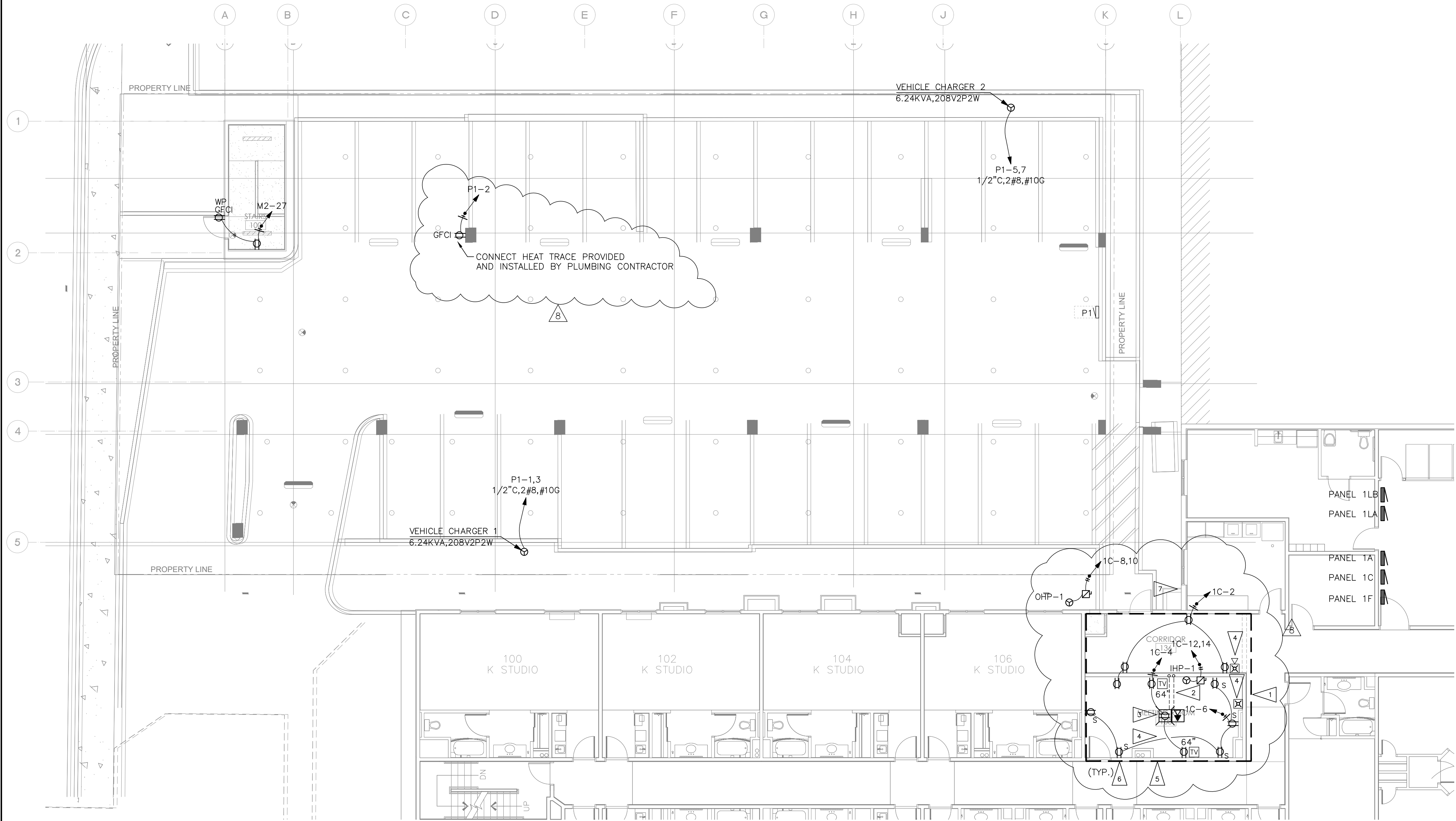
ADDITION TO HAMPTON INN & SUITES  
1515 S. MERIDIAN  
PUYALLUP, WA. 98371

SHEET TITLE:  
**GENERAL NOTES, SCHEDULES AND PLAN INDEX**

- Revisions:
- 01/24/2024
  - 02/03/2024 HEAT TRACING ADD.
  - 02/14/2024 ELEC REVISIONS

Job No.: 219007  
Date: 01/03/2024

**E1.0**



**GENERAL NOTES:**

1. THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS RELATIVE TO THE RECORD DRAWING INFORMATION USED TO CREATE THESE DRAWINGS AND REPORT ANY DISCREPANCIES TO THE ENGINEER OF RECORD.
2. THE ELECTRICAL CONTRACTOR SHALL PROVIDE NEW TYPE WRITTEN PANEL SCHEDULES TO REFLECT CIRCUIT CHANGES.
3. REFERENCE ID-3.03 FOR DEVICE MOUNTING HEIGHTS AND LOCATIONS.

**FLAG NOTES:**

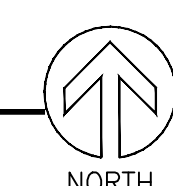
- 1 REMOVE AND DISPOSE OF ALL EXISTING POWER OUTLETS AND LOW VOLTAGE DEVICES IN THIS AREA FOR DEMOLITION. REFER TO RECORD DRAWINGS FOR DEVICE QUANTITIES AND CIRCUIT DETAILS. REMOVE CABLE AND CONDUIT BACK TO SOURCE. REUSE CIRCUITS WHERE PRACTICAL.
- 2 CUT AND PATCH FLOOR AS NECESSARY TO INSTALL (1) 3/4" PVC SCHEDULE 40 CONDUIT FOR POWER AND (1) 1" DATA CONDUIT. STUB DATA CONDUIT TO ABOVE CEILING IN ACCESSIBLE LOCATION. PROVIDE PULL STRING AND PROTECTIVE BUSHING.
- 3 PROVIDE NEW FLUSH FLOOR DUPLEX AND DATA OUTLET WITH BRASS COVER PLATE. PROVIDE CONNECTION TO TWO DESK POWER MODULES VIA SO CORD AND PLUG.
- 4 INSTALL FA DEVICES AS SHOWN. EXTEND FROM NEAREST FA SLC. BIDDER DESIGN CONTRACTOR TO PROVIDE SHOP DRAWINGS TO FIRE DEPARTMENT FOR APPROVAL.
- 5 REUSE EXISTING GUEST SUITES CIRCUITS PANEL 1C-2,4, REFER TO RECORD DRAWINGS FOR DETAILS.
- 6 PROVIDE 1/2 SWITCHED OUTLET USING ROOM OCCUPANCY SENSOR IN COMPLIANCE WITH WSEC C405.10.
- 7 RELOCATE AND REROUTE POWER AND CONTROL BOXES, CONDUIT, AND WIRE WHERE CONFLICTS WITH CONSTRUCTION.

DISCONNECT AND RECONNECT EXISTING PTAC UNIT AS NECESSARY FOR WALL MODIFICATIONS. FLOORS 2,3,4

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**1ST FLOOR PLAN - POWER**  
SCALE: 1/8"=1'-0"



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**B-20-0078**

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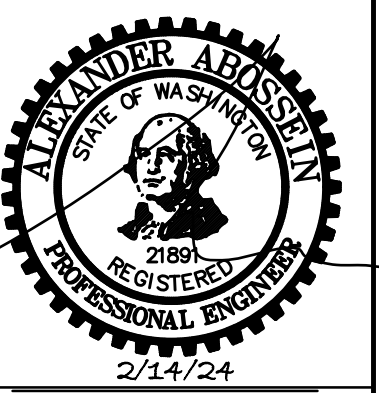
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ADDITION TO HAMPTON INN &  
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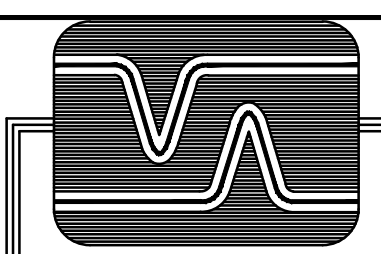
1ST FLOOR POWER

SHEET TITLE:

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- 01/24/2024
  - 02/03/2024 HEAT TRACING ADD.
  - 02/14/2024 ELEC REVISIONS

Job No.: 219007  
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**E2.0**



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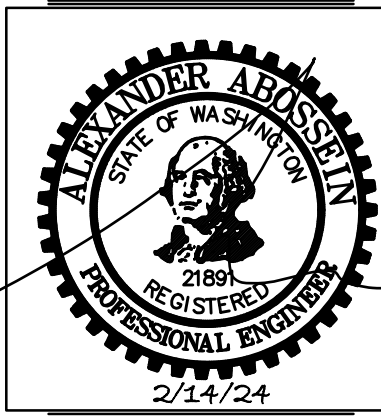
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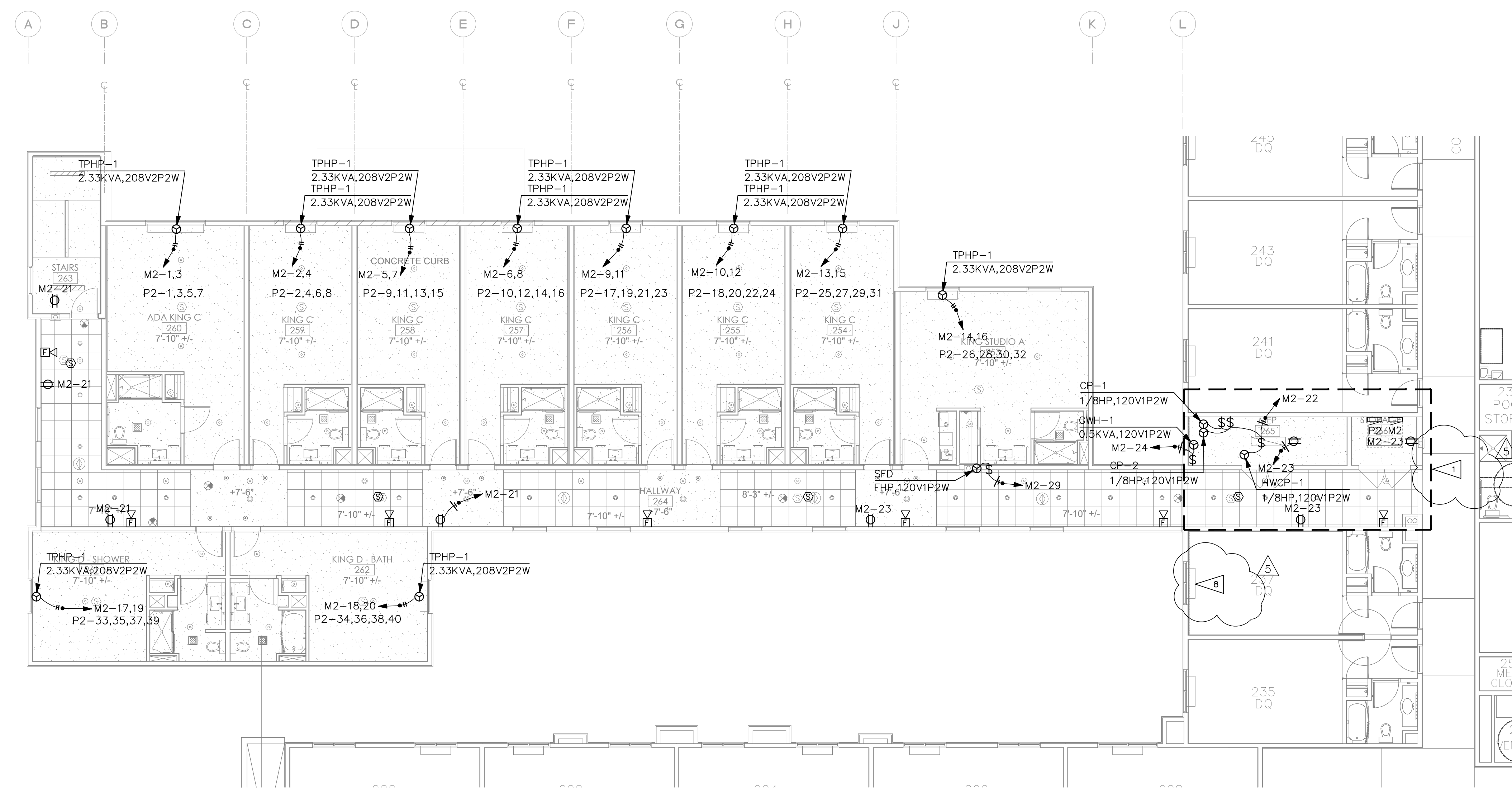
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**2ND FLOOR PLAN - POWER**  
SCALE: 1/8"=1'-0"  
NORTH

**FLAG NOTES:**  
REMOVE AND DISPOSE OF ALL EXISTING POWER OUTLETS AND LOW VOLTAGE DEVICES IN THIS AREA FOR DEMOLITION OF GUEST SUITE 239. REFER TO RECORD DRAWINGS FOR DEVICE QUANTITIES AND CIRCUIT DETAILS. REMOVE CABLE AND CONDUIT BACK TO SOURCE. REUSE CIRCUITS WHERE PRACTICAL.

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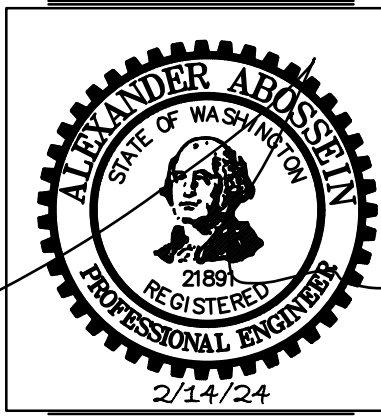
SHEET TITLE:  
2ND FLOOR POWER

Revisions:

01/24/2024
02/03/2024 HEAT TRACING ADD.
02/14/2024 ELEC REVISIONS

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Date: 01/03/2024

**E2.1**

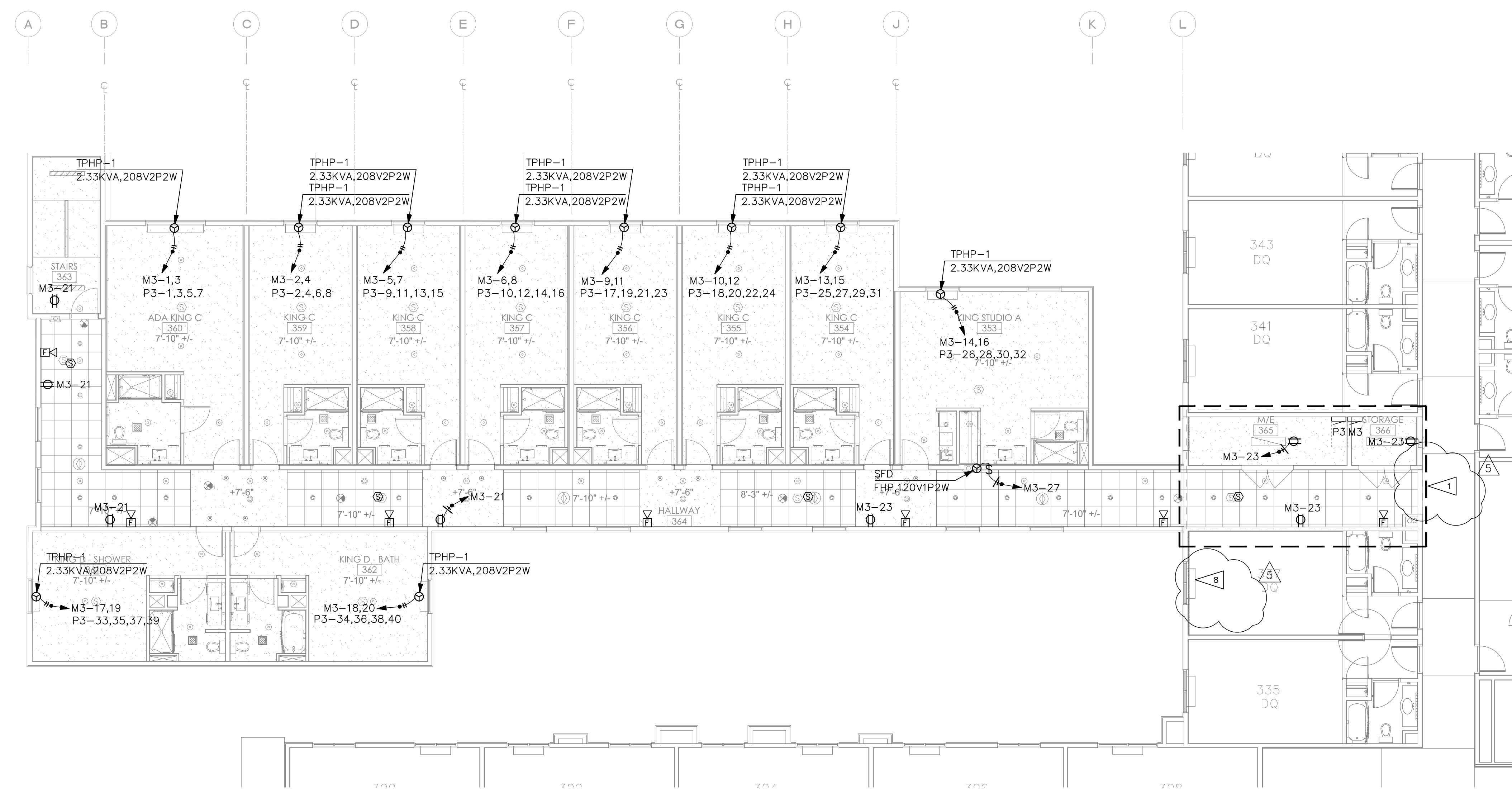


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**E2.2**



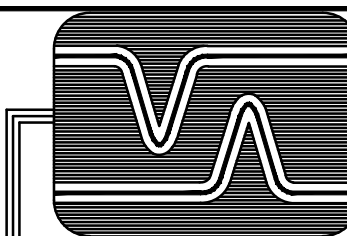
**3RD FLOOR PLAN - POWER**  
 SCALE: 1/8"=1'-0"  
 NORTH

**FLAG NOTES:**  
 1 REMOVE AND DISPOSE OF ALL EXISTING POWER OUTLETS AND LOW VOLTAGE DEVICES IN THIS AREA FOR DEMOLITION OF GUEST SUITE 339. REFER TO RECORD DRAWINGS FOR DEVICE QUANTITIES AND CIRCUIT DETAILS. REMOVE CABLE AND CONDUIT BACK TO SOURCE. REUSE CIRCUITS WHERE PRACTICAL.

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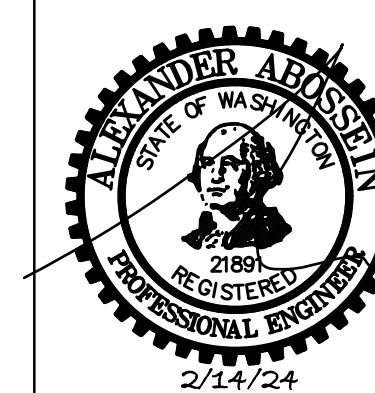
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4TH FLOOR POWER

SHEET TITLE:

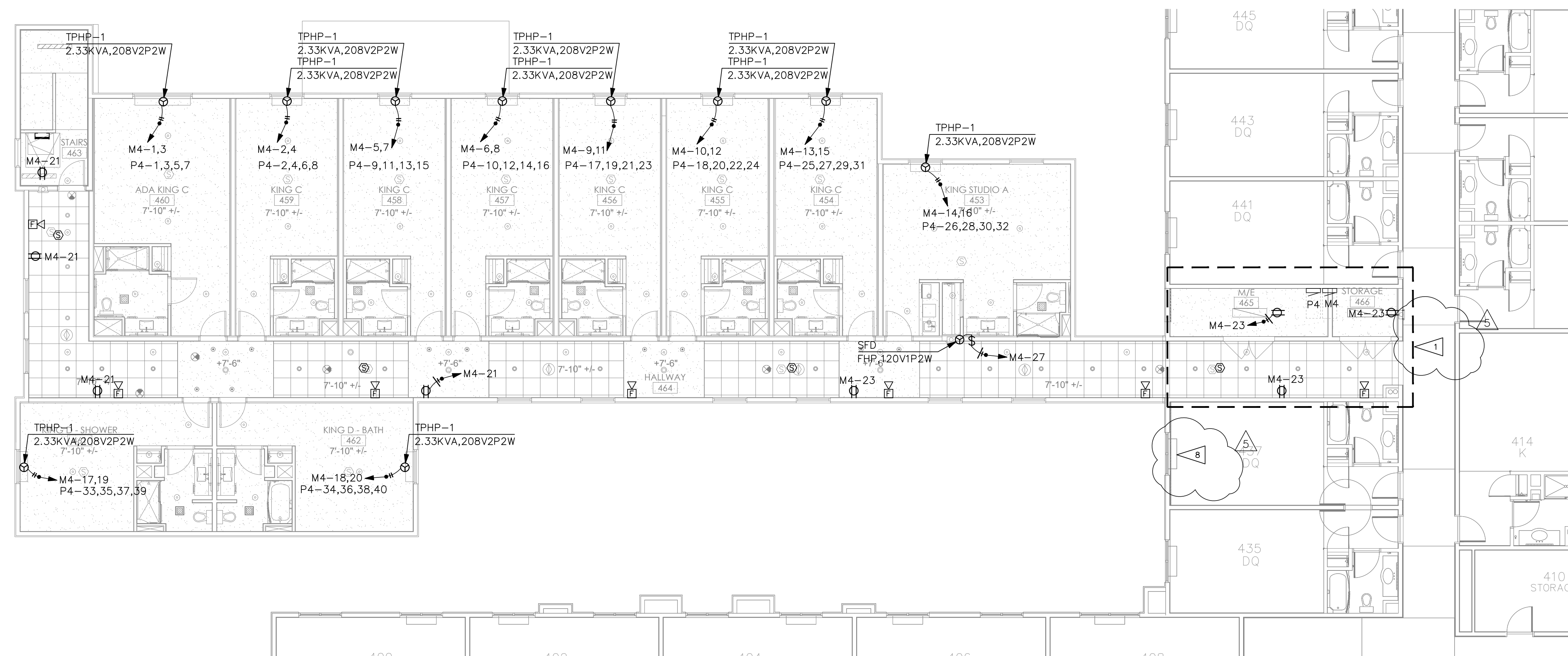
Revisions:

- 01/24/2024
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- 02/14/2024 ELEC REVISIONS

Job No.: 219007

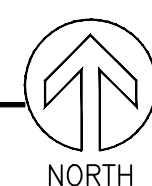
Date: 01/03/2024

**E2.3**



**4TH FLOOR PLAN - POWER**

SCALE: 1/8"=1'-0"



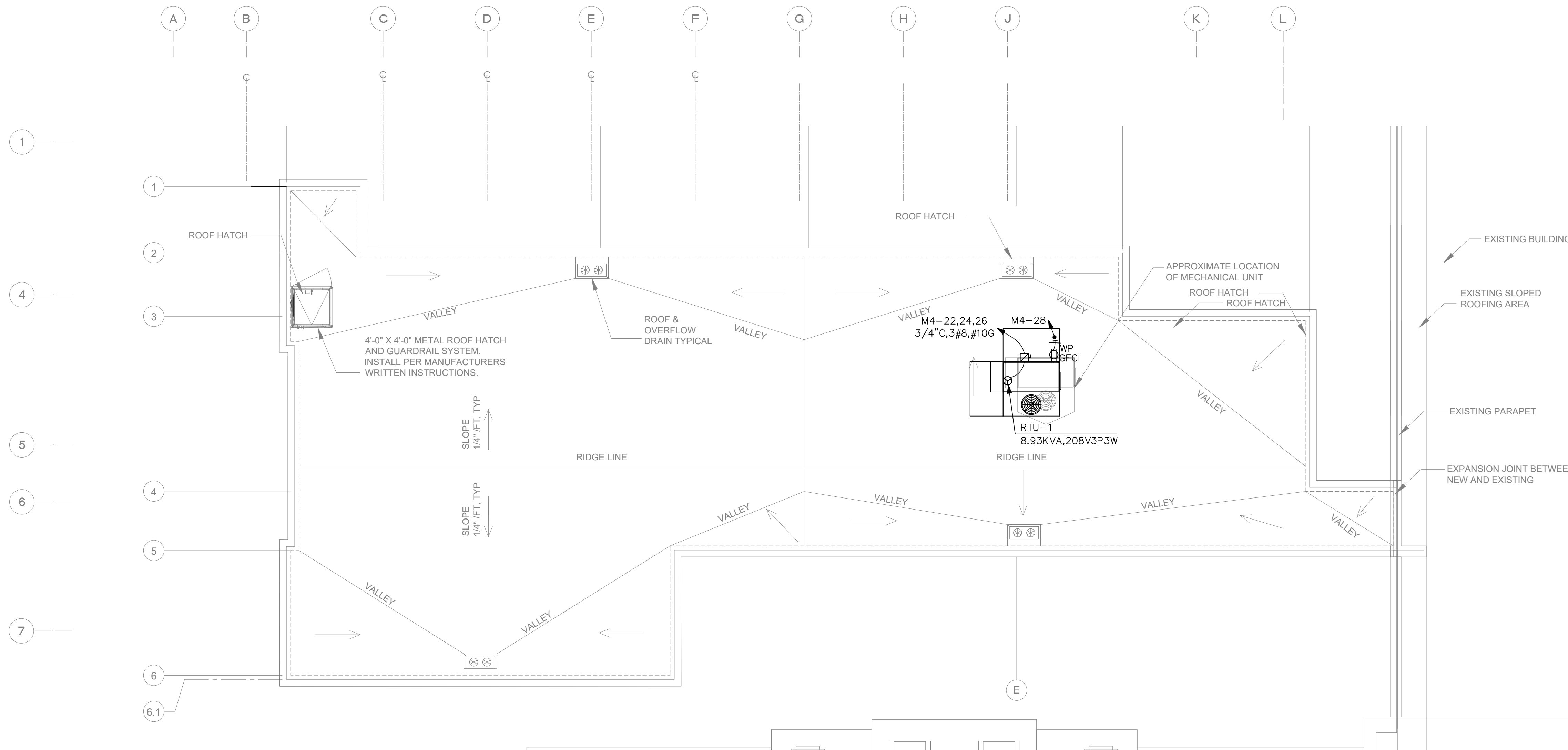
**FLAG NOTES:**

1 REMOVE AND DISPOSE OF ALL EXISTING POWER OUTLETS AND LOW VOLTAGE DEVICES IN THIS AREA FOR DEMOLITION OF GUEST SUITE 339. REFER TO RECORD DRAWINGS FOR DEVICE QUANTITIES AND CIRCUIT DETAILS. REMOVE CABLE AND CONDUIT BACK TO SOURCE. REUSE CIRCUITS WHERE PRACTICAL.

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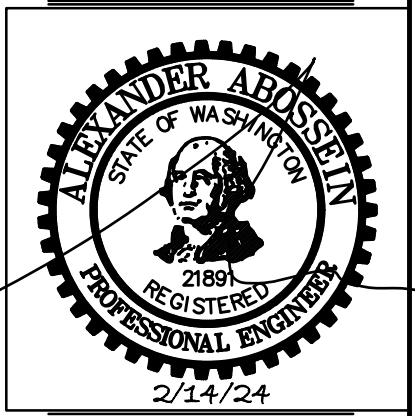
**ROOF PLAN - POWER**  
 SCALE: 1/8"=1'-0"  
 NORTH

**City of Puyallup**  
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**ROOF PLAN - POWER**

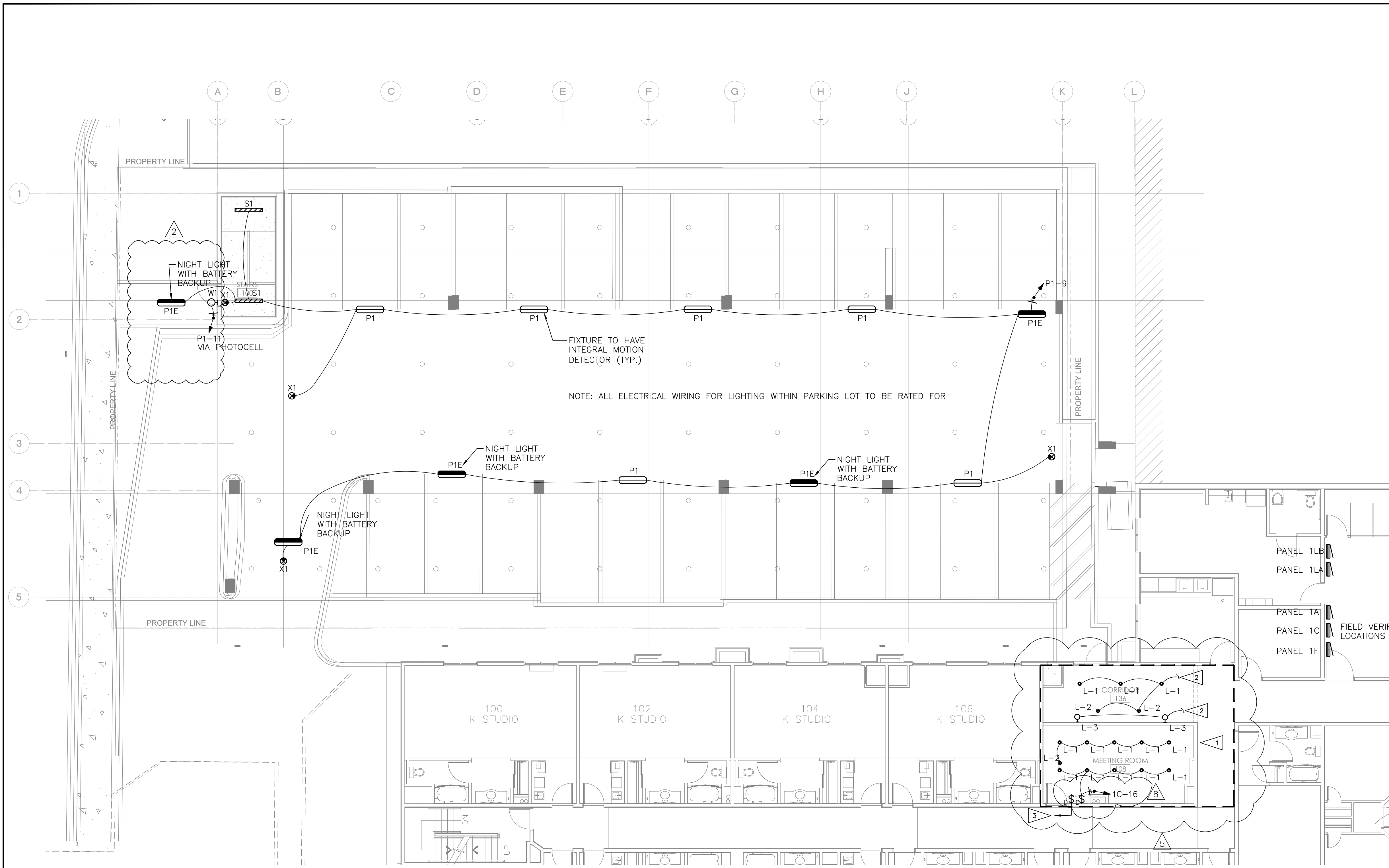
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Revisions:

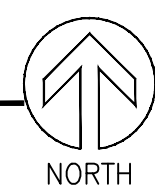
01/24/2024
02/03/2024 HEAT TRACING ADD.
02/14/2024 ELEC REVISIONS

Job No.: 219007  
 Date: 01/03/2024

**E2.4**



1ST FLOOR PLAN - LIGHTING  
SCALE 1/8"=1'-0"



**GENERAL NOTES:**

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2. THE ELECTRICAL CONTRACTOR SHALL PROVIDE NEW TYPE WRITTEN PANEL SCHEDULES TO REFLECT CIRCUIT CHANGES.

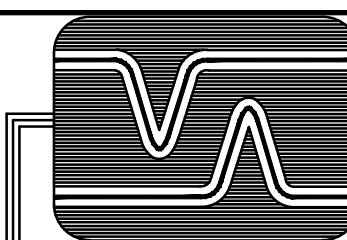
**FLAG NOTES:**

- 1 REMOVE AND DISPOSE OF ALL EXISTING POWER OUTLETS AND LOW VOLTAGE DEVICES IN THIS AREA FOR DEMOLITION. REFER TO RECORD DRAWINGS FOR DEVICE QUANTITIES AND CIRCUIT DETAILS. REMOVE CABLE AND CONDUIT BACK TO SOURCE.
- 2 CONNECT NEW CORRIDOR WALL AND CEILING LIGHTS TO RESPECTIVE EXISTING LIGHTING CIRCUITS AND CONTROLS.
- 3 CONNECT NEW MEETING ROOM LIGHTING TO CIRCUIT PANEL 1C-16.

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ADDITION TO HAMPTON INN &  
SUITES

PUYALLUP, WA, 98371

1515 S. MERIDIAN

SHEET TITLE:

1ST FLOOR LIGHTING

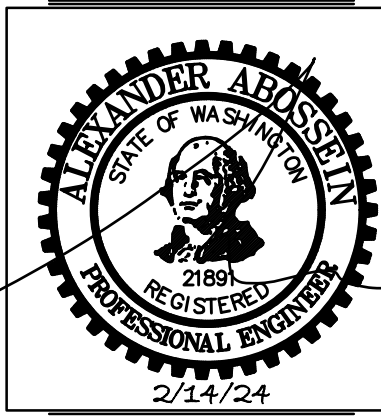
Revisions:

- ⚠ 01/24/2024
- ⚠ 02/03/2024 HEAT TRACING ADD.
- ⚠ 02/14/2024 ELEC REVISIONS

Job No.: 219007

Date: 01/03/2024

**E3.0**



SHEET TITLE:

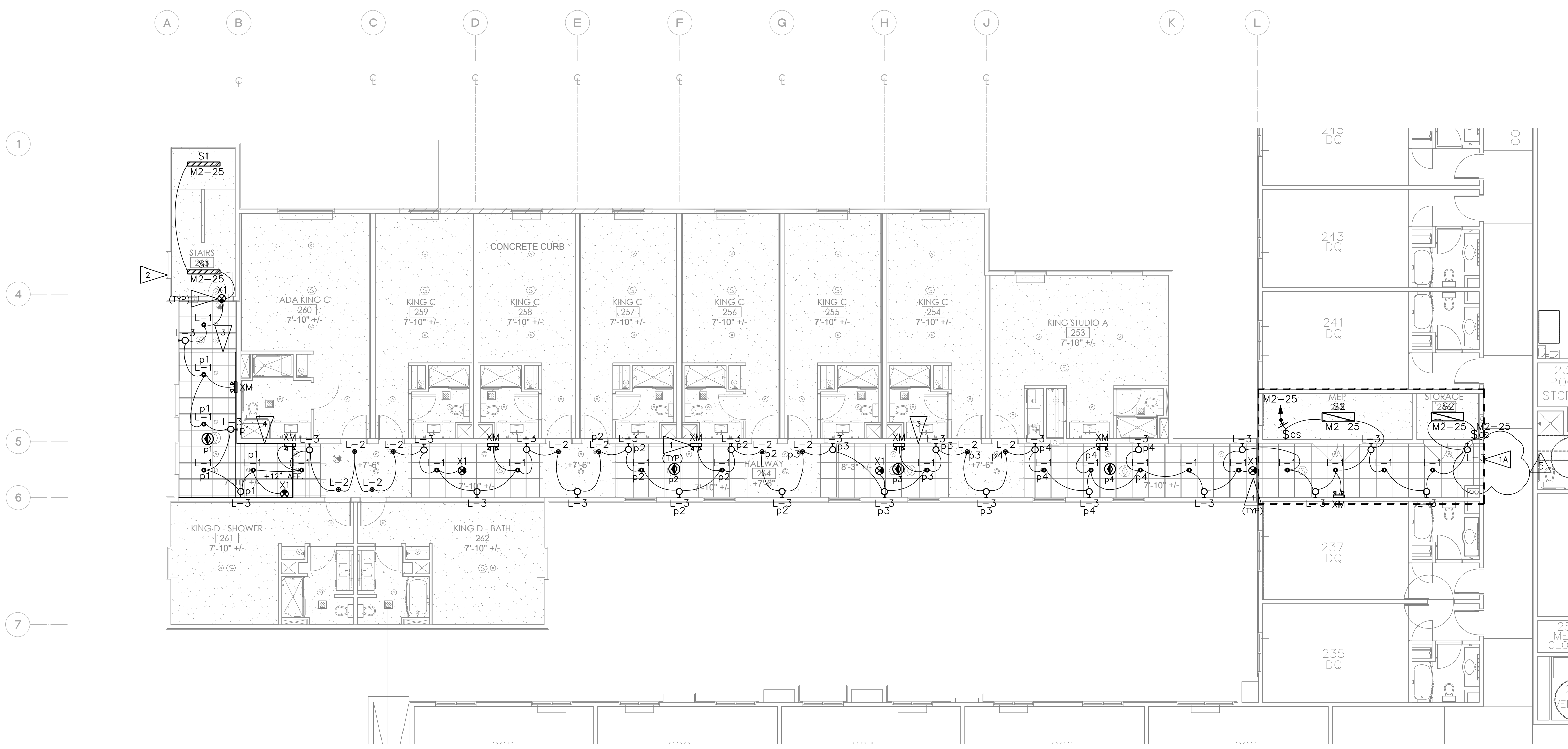
Revisions:

01/24/2024
02/03/2024 HEAT TRACING ADD.
02/14/2024 ELEC REVISIONS

Job No.: 219007  
Date: 01/03/2024

E3.1

- SHEET NOTES:**
- ALL OCCUPANCY SENSOR DEVICES SHALL BE INSTALLED TO AUTOMATICALLY TURN OFF LIGHTS WITHIN 15 MINUTES OF ALL OCCUPANTS LEAVING THE SPACE, AND SHALL EITHER BE MANUAL ON OR SHALL BE CONTROLLED TO AUTOMATICALLY TURN THE LIGHTING ON TO NOT MORE THAN 50 PERCENT POWER, WITH THE EXCEPTION OF PUBLIC CORRIDORS, STAIRWAYS, PRIMARY BUILDING ENTRANCE AREAS AND LOBBIES, AND AREAS WHERE MANUAL ON OPERATION WOULD ENDANGER THE SAFETY OR SECURITY OF THE ROOM OR BUILDING OCCUPANTS.
  - REFER TO SHEET E1.0 FOR LIGHT FIXTURE SCHEDULE.
  - ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LIGHTING CONTROLS DEVICES AS REQUIRED TO WSEC STANDARDS.
  - ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO TEST & COMMISSION LIGHTING CONTROL SYSTEMS AS REQUIRED BY WSEC 408.3 "LIGHTING SYSTEM FUNCTIONAL TESTING".
  - LIGHTING DRAWINGS SHOW CIRCUIT CONNECTIONS AND DO NOT NECESSARILY DEPICT LIGHTING CONTROL SCHEMES.
  - THE ELECTRICAL CONTRACTOR SHALL DETERMINE ACTUAL FIXTURE WIRING CONNECTIONS TO CONTRACTOR SELECTED LIGHTING CONTROL SYSTEM, IE: WATTSTOPPER DLM SYSTEM OR SIMILAR.
  - PER WA STATE COMMERCIAL ENERGY CODE, ALL INTERIOR LIGHTING CONTROLS TO BE MANUAL OR THREE WAY SWITCHING, SERVING ALL LOCATIONS THROUGHOUT WITH THE EXCEPTION OF CORRIDOR SPACES.
  - DAYLIGHT RESPONSIVE CONTROLS SHALL BE CONFIGURED TO AUTOMATICALLY REDUCE THE POWER OF GENERAL LIGHTING IN THE DAYLIGHT ZONES BY MEANS OF CONTINUOUS DIMMING. WSEC C405.2.4.1.1. LIGHTS IN PRIMARY DAYLIGHT ZONE TO BE CONTROLLED INDEPENDENTLY OF LIGHTS IN SECONDARY DAYLIGHT ZONE PER C405.2.4.1.
  - DAYLIGHT RESPONSIVE CONTROL WIRING SHOWN ON DRAWINGS IS DIAGRAMMATIC ONLY AND NOT SPECIFIC TO ANY ONE MANUFACTURER.
  - EMERGENCY EGRESS LIGHTING TEST TO BE PERFORMED.
  - ALL EXTERIOR BUILDING MOUNTED LIGHTING TO BE SHIELDED SO DIRECT ILLUMINATION IS CONFINED TO PROPERTY BOUNDARIES OF LIGHT SOURCE.
- FLAG NOTES:**
- CONNECT EMERGENCY PATHWAY LIGHTS AND EXIT SIGNS TO LOCAL LIGHTING CIRCUIT AHEAD OF ALL SWITCHES AND TIMERS (TYP).
  - DAYLIGHT RESPONSIVE CONTROLS NOT REQUIRED PER WSEC C405.2.4. (LESS THAN THREE LIGHT FIXTURES)
  - PRIMARY DAYLIGHT ZONE DIMENSIONS BASED ON WINDOW HEIGHT.
  - SECONDARY DAYLIGHT ZONE DIMENSIONS BASED ON WINDOW HEIGHT.



**2ND FLOOR PLAN - LIGHTING**  
SCALE: 1/8"=1'-0"

NORTH

**FLAG NOTES:**

1A REMOVE AND DISPOSE OF ALL EXISTING LIGHTING IN THIS AREA FOR DEMOLITION OF GUEST SUITE 239. REFER TO RECORD DRAWINGS FOR DEVICE QUANTITIES AND CIRCUIT DETAILS. REMOVE CABLE AND CONDUIT BACK TO SOURCE. REUSE CIRCUITS WHERE PRACTICAL.

**City of Puyallup**  
Development & Permitting Services  
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Building	Planning
Engineering	Public Works
Fire	Traffic

**REVISION #8**  
**B-20-0078**





**ABOSSEIN  
ENGINEERING  
L.L.C**

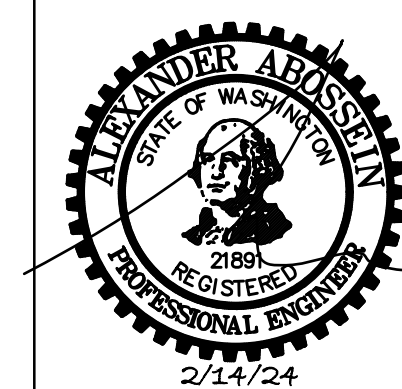
MECHANICAL - ELECTRICAL  
LEED - PLUMBING -  
FIRE PROTECTION

18465 NE 65TH ST.  
#101  
REDMOND, WA 98052

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ADDITION TO HAMPTON INN &  
SUITES

PUYALLUP, WA, 98371

1515 S. MERIDIAN

SHEET TITLE:

Revisions:
⚠ 01/24/2024
⚠ 02/03/2024 HEAT TRACING ADD.
⚠ 02/14/2024 ELEC REVISIONS

Job No.: 219007  
Date: 01/03/2024

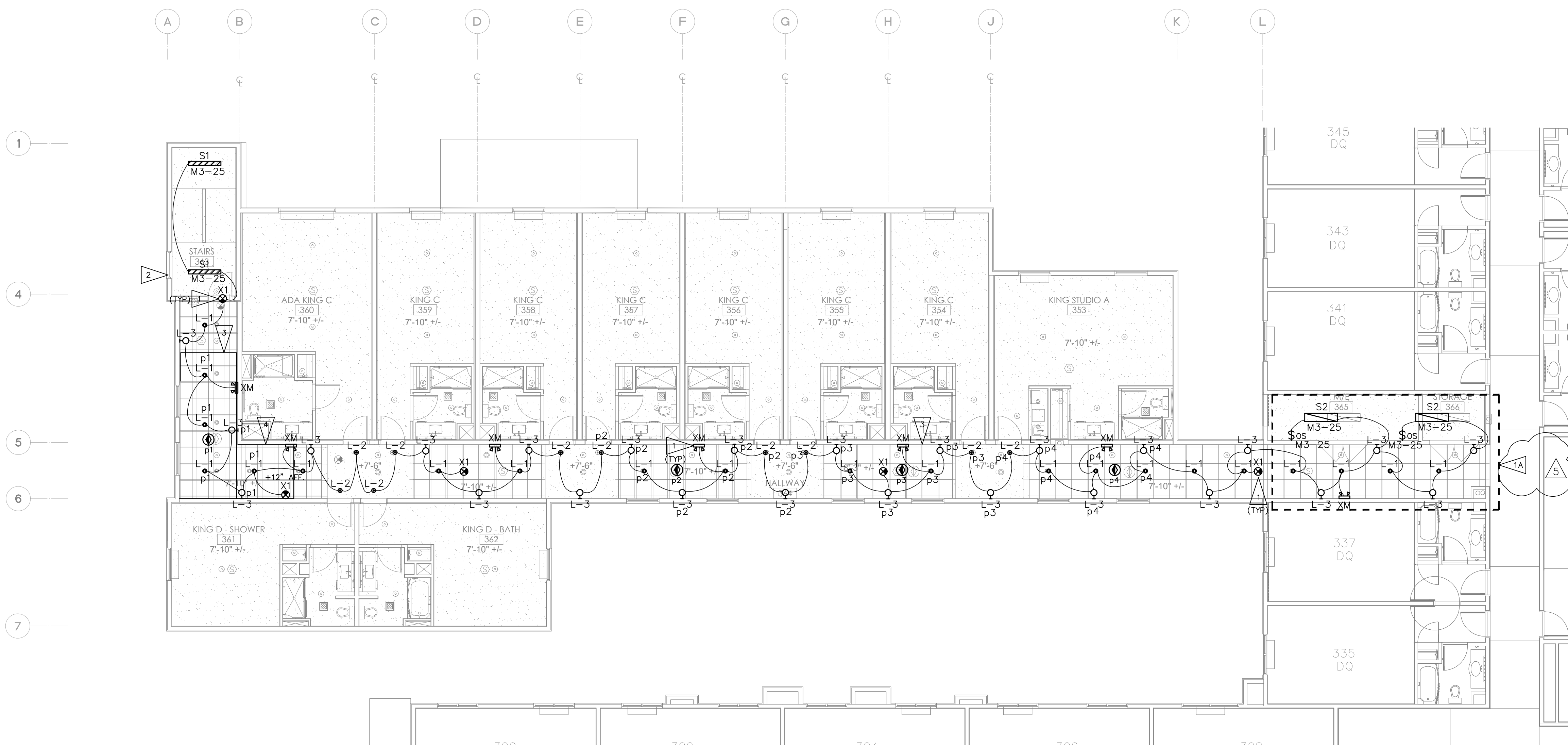
**E3.2**

**SHEET NOTES:**

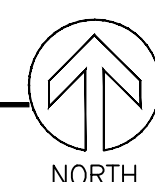
1. ALL OCCUPANCY SENSOR DEVICES SHALL BE INSTALLED TO AUTOMATICALLY TURN OFF LIGHTS WITHIN 15 MINUTES OF ALL OCCUPANTS LEAVING THE SPACE, AND SHALL EITHER BE MANUAL ON OR SHALL BE CONTROLLED TO AUTOMATICALLY TURN THE LIGHTING ON TO NOT MORE THAN 50 PERCENT POWER, WITH THE EXCEPTION OF PUBLIC CORRIDORS, STAIRWAYS, PRIMARY BUILDING ENTRANCE AREAS AND LOBBIES, AND AREAS WHERE MANUAL ON OPERATION WOULD ENDANGER THE SAFETY OR SECURITY OF THE ROOM OR BUILDING OCCUPANTS.
2. REFER TO SHEET E1.0 FOR LIGHT FIXTURE SCHEDULE.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LIGHTING CONTROL DEVICES AS REQUIRED TO WSEC STANDARDS.
4. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO TEST & COMMISSION LIGHTING CONTROL SYSTEMS AS REQUIRED BY WSEC 408.3 "LIGHTING SYSTEM FUNCTIONAL TESTING".
5. LIGHTING DRAWINGS SHOW CIRCUIT CONNECTIONS AND DO NOT NECESSARILY DEPICT LIGHTING CONTROL SCHEMES.
6. THE ELECTRICAL CONTRACTOR SHALL DETERMINE ACTUAL FIXTURE WIRING CONNECTIONS TO CONTRACTOR SELECTED LIGHTING CONTROL SYSTEM. IE: WATTSTOPPER DLM SYSTEM OR SIMILAR.
7. PER WA STATE COMMERCIAL ENERGY CODE, ALL INTERIOR LIGHTING CONTROLS TO BE MANUAL OR THREE WAY SWITCHING, SERVING ALL LOCATIONS THROUGHOUT WITH THE EXCEPTION OF CORRIDOR SPACES.
8. DAYLIGHT RESPONSIVE CONTROLS SHALL BE CONFIGURED TO AUTOMATICALLY REDUCE THE POWER OF GENERAL LIGHTING IN THE DAYLIGHT ZONES BY MEANS OF CONTINUOUS DIMMING. WSEC C405.2.4.1.1. LIGHTS IN PRIMARY DAYLIGHT ZONE TO BE CONTROLLED INDEPENDENTLY OF LIGHTS IN SECONDARY DAYLIGHT ZONE PER C405.2.4.1.
9. DAYLIGHT RESPONSIVE CONTROL WIRING SHOWN ON DRAWINGS IS DIAGRAMMATIC ONLY AND NOT SPECIFIC TO ANY ONE MANUFACTURER.
10. EMERGENCY EGRESS LIGHTING TEST TO BE PERFORMED.
11. ALL EXTERIOR BUILDING MOUNTED LIGHTING TO BE SHIELDED SO DIRECT ILLUMINATION IS CONFINED TO PROPERTY BOUNDARIES OF LIGHT SOURCE.

**FLAG NOTES:**

1. CONNECT EMERGENCY PATHWAY LIGHTS AND EXIT SIGNS TO LOCAL LIGHTING CIRCUIT AHEAD OF ALL SWITCHES AND TIMERS (TYP).
2. DAYLIGHT RESPONSIVE CONTROLS NOT REQUIRED PER WSEC C405.2.4. (LESS THAN THREE LIGHT FIXTURES)
3. PRIMARY DAYLIGHT ZONE DIMENSIONS BASED ON WINDOW HEIGHT.
4. SECONDARY DAYLIGHT ZONE DIMENSIONS BASED ON WINDOW HEIGHT.

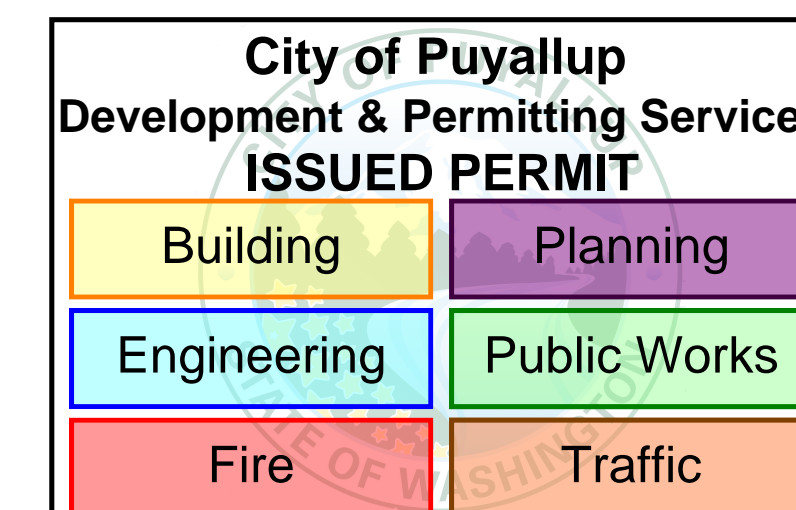


**3RD FLOOR PLAN - LIGHTING**  
SCALE: 1/8"=1'-0"

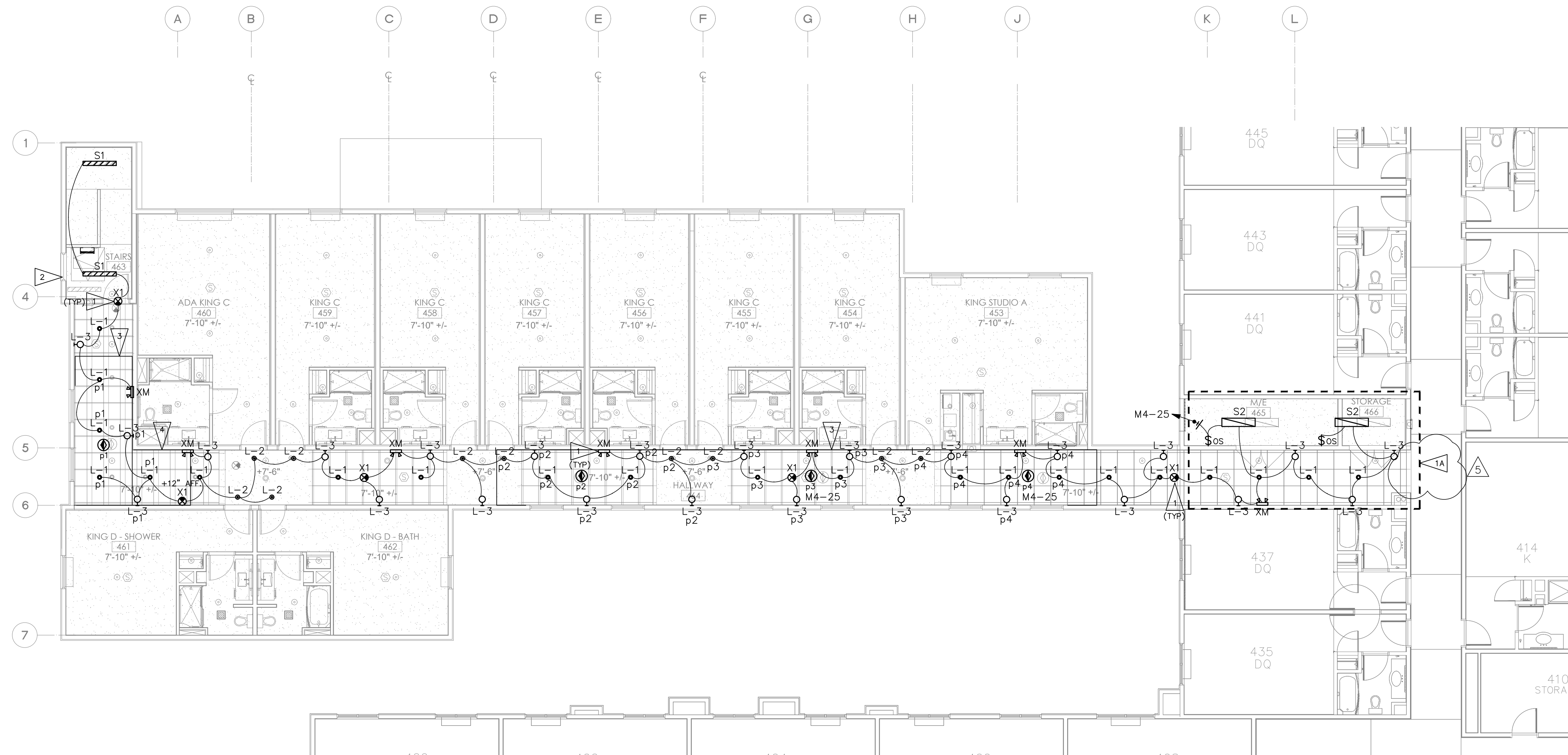


**FLAG NOTES:**

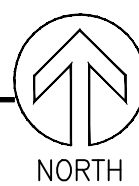
- ⚠ 1A REMOVE AND DISPOSE OF ALL EXISTING LIGHTING IN THIS AREA FOR DEMOLITION OF GUEST SUITE 339. REFER TO RECORD DRAWINGS FOR DEVICE QUANTITIES AND CIRCUIT DETAILS. REMOVE CABLE AND CONDUIT BACK TO SOURCE. REUSE CIRCUITS WHERE PRACTICAL.



**REVISION #8**  
**B-20-0078**



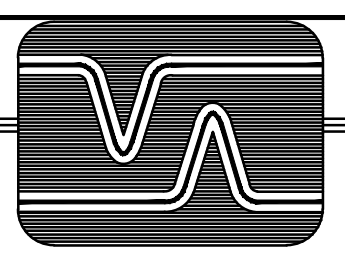
**4TH FLOOR PLAN - LIGHTING**  
SCALE: 1/8"=1'-0"



**FLAG NOTES:**

1A REMOVE AND DISPOSE OF ALL EXISTING LIGHTING IN THIS AREA FOR DEMOLITION OF GUEST SUITE 439. REFER TO RECORD DRAWINGS FOR DEVICE QUANTITIES AND CIRCUIT DETAILS. REMOVE CABLE AND CONDUIT BACK TO SOURCE. REUSE CIRCUITS WHERE PRACTICAL.

- SHEET NOTES:**
1. ALL OCCUPANCY SENSOR DEVICES SHALL BE INSTALLED TO AUTOMATICALLY TURN OFF LIGHTS WITHIN 15 MINUTES OF ALL OCCUPANTS LEAVING THE SPACE, AND SHALL EITHER BE MANUAL ON OR SHALL BE CONTROLLED TO AUTOMATICALLY TURN THE LIGHTING ON TO NOT MORE THAN 50 PERCENT POWER, WITH THE EXCEPTION OF PUBLIC CORRIDORS, STAIRWAYS, PRIMARY BUILDING ENTRANCE AREAS AND LOBBIES, AND AREAS WHERE MANUAL ON OPERATION WOULD ENDANGER THE SAFETY OR SECURITY OF THE ROOM OR BUILDING OCCUPANTS.
  2. REFER TO SHEET E1.0 FOR LIGHT FIXTURE SCHEDULE.
  3. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LIGHTING CONTROLS DEVICES AS REQUIRED TO WSEC STANDARDS.
  4. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO TEST & COMMISSION LIGHTING CONTROL SYSTEMS AS REQUIRED BY WSEC 408.3 "LIGHTING SYSTEM FUNCTIONAL TESTING".
  5. LIGHTING DRAWINGS SHOW CIRCUIT CONNECTIONS AND DO NOT NECESSARILY DEPICT LIGHTING CONTROL SCHEMES.
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  7. PER WA STATE COMMERCIAL ENERGY CODE, ALL INTERIOR LIGHTING CONTROLS TO BE MANUAL OR THREE WAY SWITCHING, SERVING ALL LOCATIONS THROUGHOUT WITH THE EXCEPTION OF CORRIDOR SPACES.
  8. DAYLIGHT RESPONSIVE CONTROLS SHALL BE CONFIGURED TO AUTOMATICALLY REDUCE THE POWER OF GENERAL LIGHTING IN THE DAYLIGHT ZONES BY MEANS OF CONTINUOUS DIMMING. WSEC C405 2.4.1.1. LIGHTS IN PRIMARY DAYLIGHT ZONE TO BE CONTROLLED INDEPENDENTLY OF LIGHTS IN SECONDARY DAYLIGHT ZONE PER C405.2.4.1.
  9. DAYLIGHT RESPONSIVE CONTROL WIRING SHOWN ON DRAWINGS IS DIAGRAMMATIC ONLY AND NOT SPECIFIC TO ANY ONE MANUFACTURER.
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- FLAG NOTES:**
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  3. PRIMARY DAYLIGHT ZONE DIMENSIONS BASED ON WINDOW HEIGHT.
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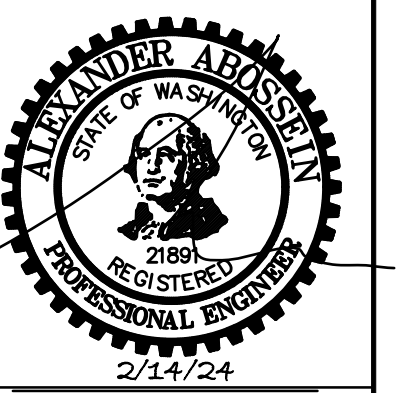
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LEED - PLUMBING -  
FIRE PROTECTION

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ADDITION TO HAMPTON INN & SUITES

1515 S. MERIDIAN  
PUYALLUP, WA. 98371

**City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

**REVISION #8**  
**B-20-0078**

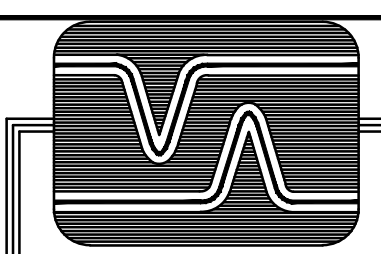
SHEET TITLE:  
**4TH FLOOR LIGHTING**

Revisions:

01/24/2024
02/03/2024 HEAT TRACING ADD.
02/14/2024 ELEC REVISIONS

Job No.: 219007  
Date: 01/03/2024

**E3.3**



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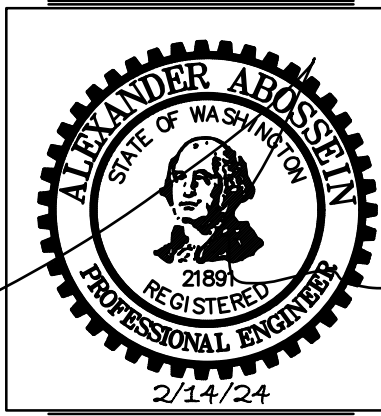
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PUYALLUP, WA, 98371

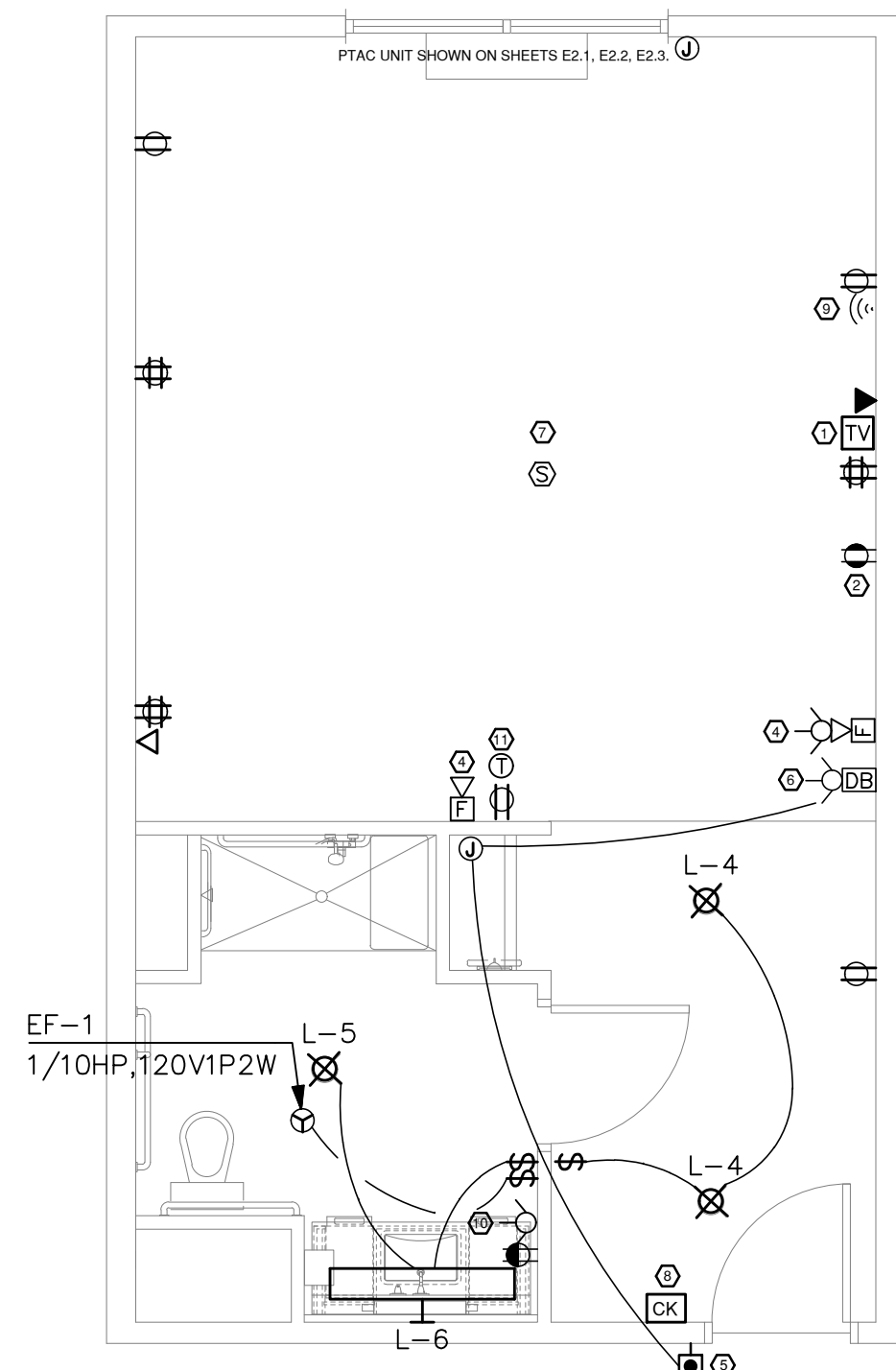
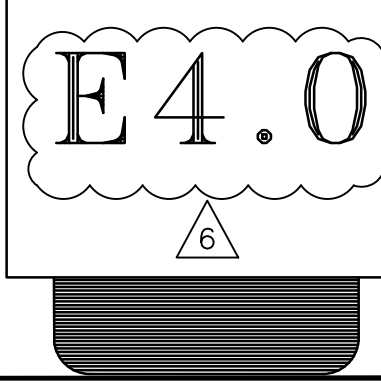
15115 S. MERIDIAN

ENLARGED UNIT PLANS  
ELECTRICAL

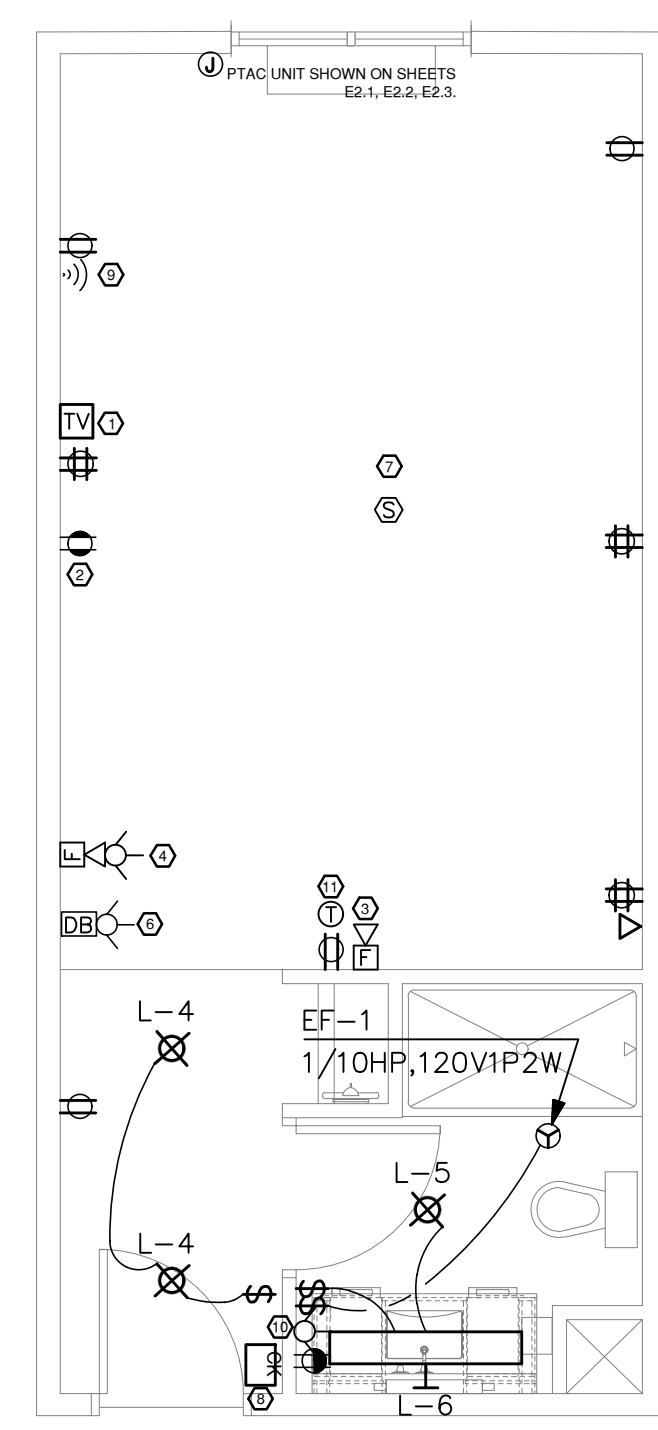
SHEET TITLE:

Revisions:
△ 01/24/2024
△ 02/03/2024 HEAT TRACING ADD.
△ 02/14/2024 ELEC REVISIONS

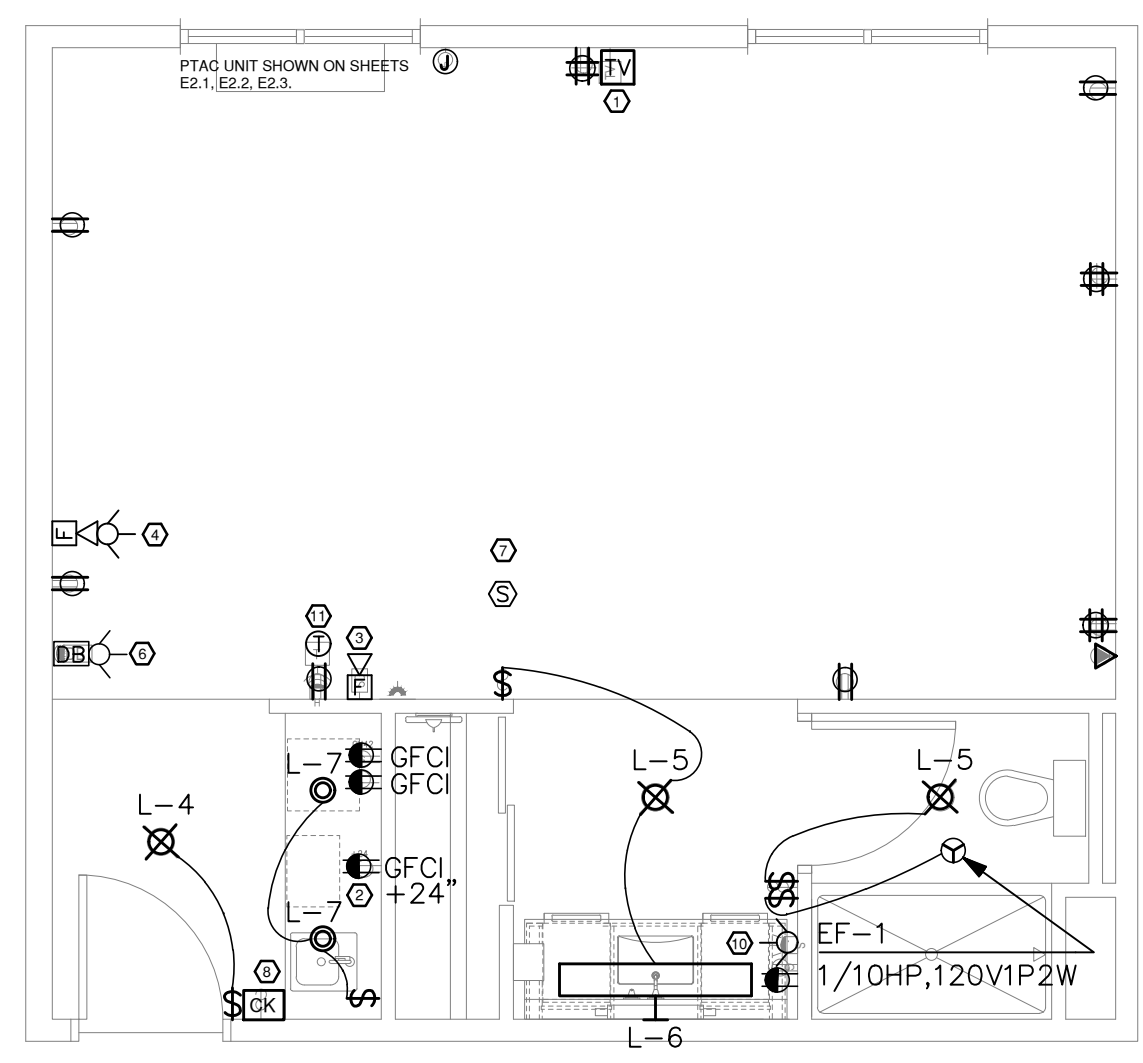
Job No.: 219007  
Date: 01/03/2024



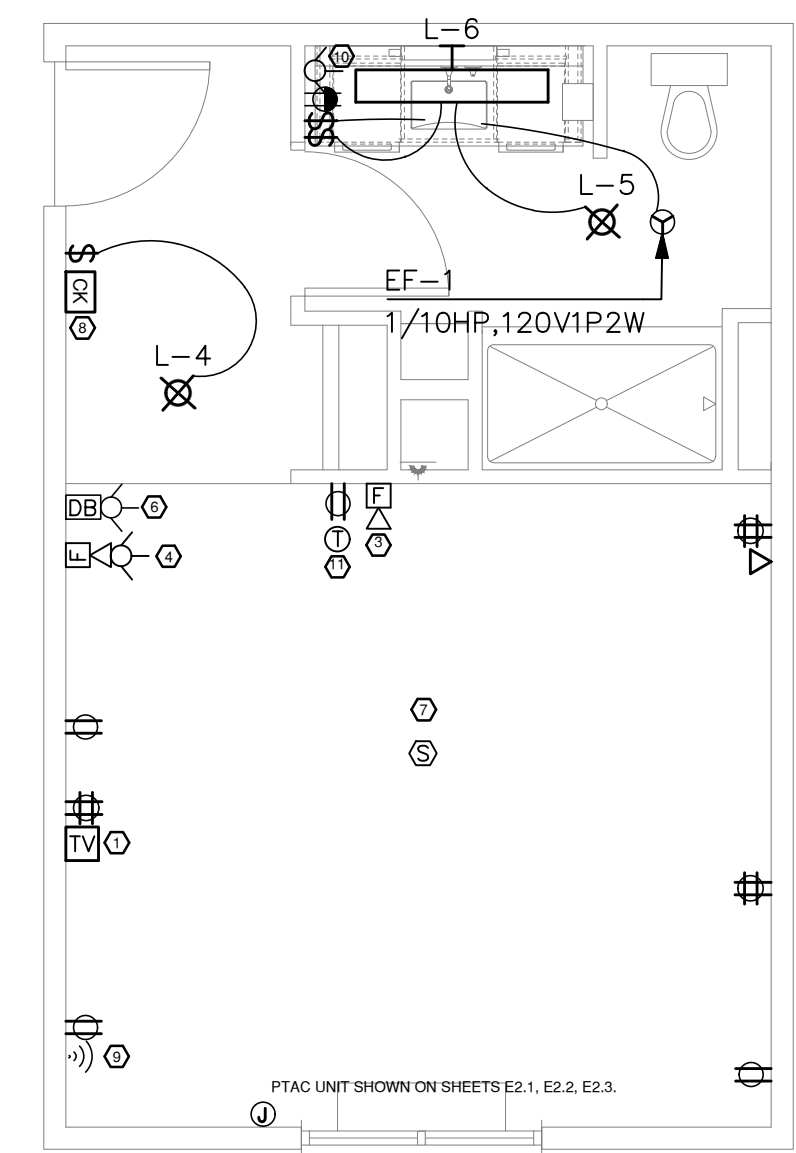
**ADA KING C**  
SCALE: 1/4"=1'-0"



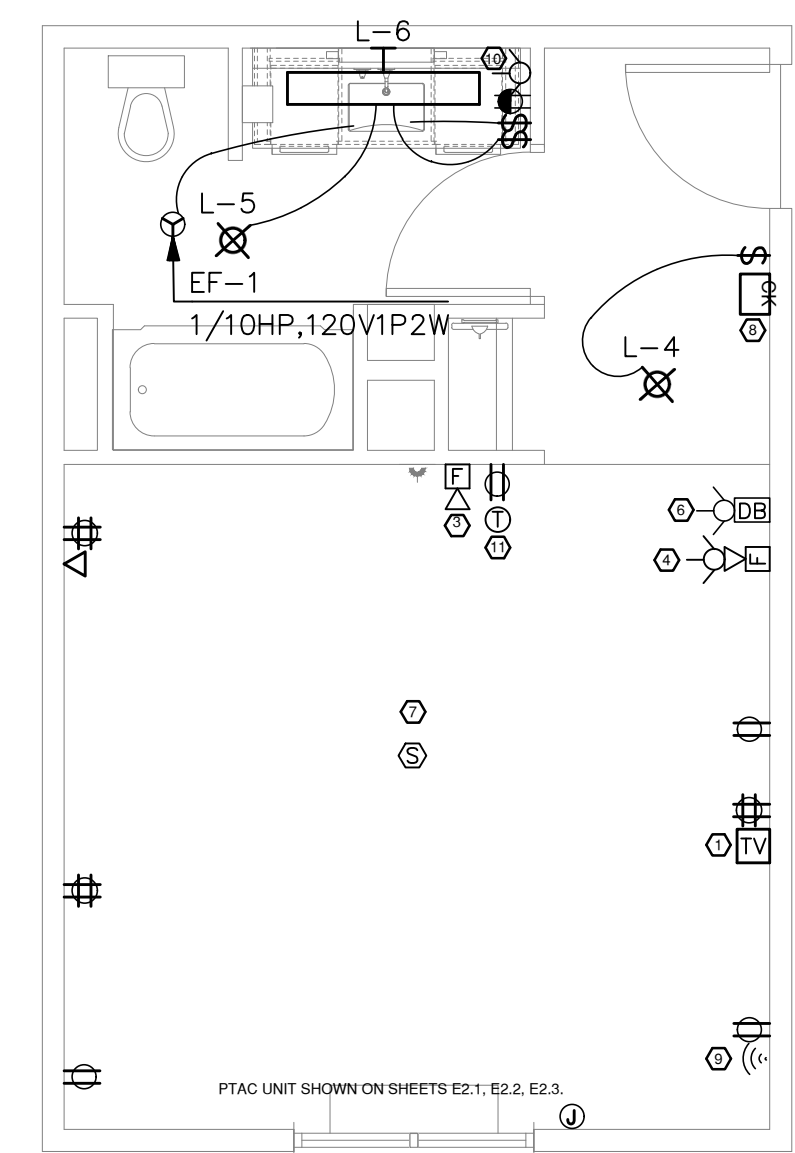
**KING C**  
SCALE: 1/4"=1'-0"



**KING STUDIO A**  
SCALE: 1/4"=1'-0"



**KING D SHOWER**  
SCALE: 1/4"=1'-0"



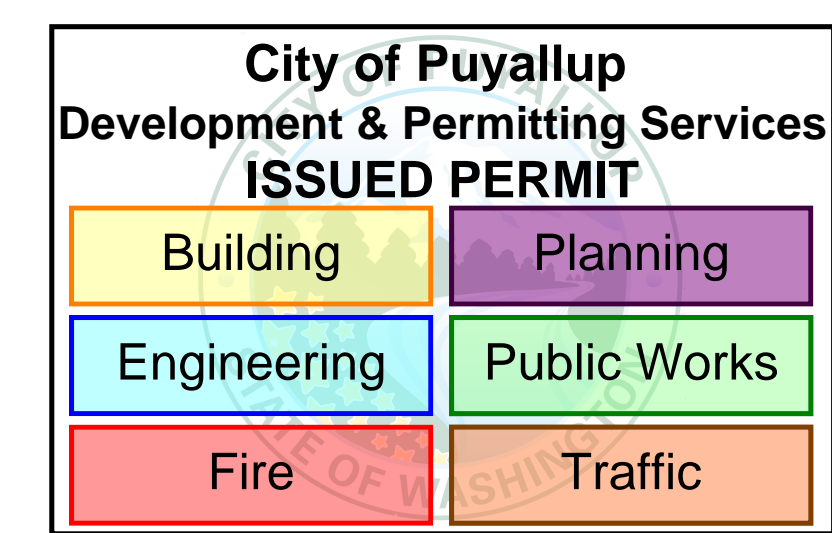
**KING D BATH**  
SCALE: 1/4"=1'-0"

**ELECTRICAL KEYED NOTES:**

1. VERIFY EXACT HEIGHT AND LOCATION WITH ARCHITECT ELEVATIONS FOR T.V.
2. DEDICATED CIRCUIT FOR MICRO/REGRIG RECEPTACLE.
3. FIRE HORN.
4. FIRE HORN/STROBE.
5. HEARING IMPAIRED DOOR BELL AUDIO/VISUAL PER ADA. REFER TO SPECIFICATIONS.
6. DOOR BELL WITH STROBE FOR HEARING IMPAIRED ROOMS.
7. FIRE SMOKE DETECTOR.
8. MASTER CAPTIVE KEY SYSTEM TO CONTROL ALL GUESTROOM LIGHTING AND SWITCHED RECEPTACLES. PER EXCEPTION 3 FOR WSEC C405.2.5.
9. WALL MOUNTED WIRELESS ACCESS POINT, PROVIDE 6" CLEARANCE TO ALL OTHER OUTLETS.
10. STROBE FOR HEARING IMPAIRED UNITS.
11. REMOTE THERMOSTAT.

**ELECTRICAL GENERAL NOTES:**

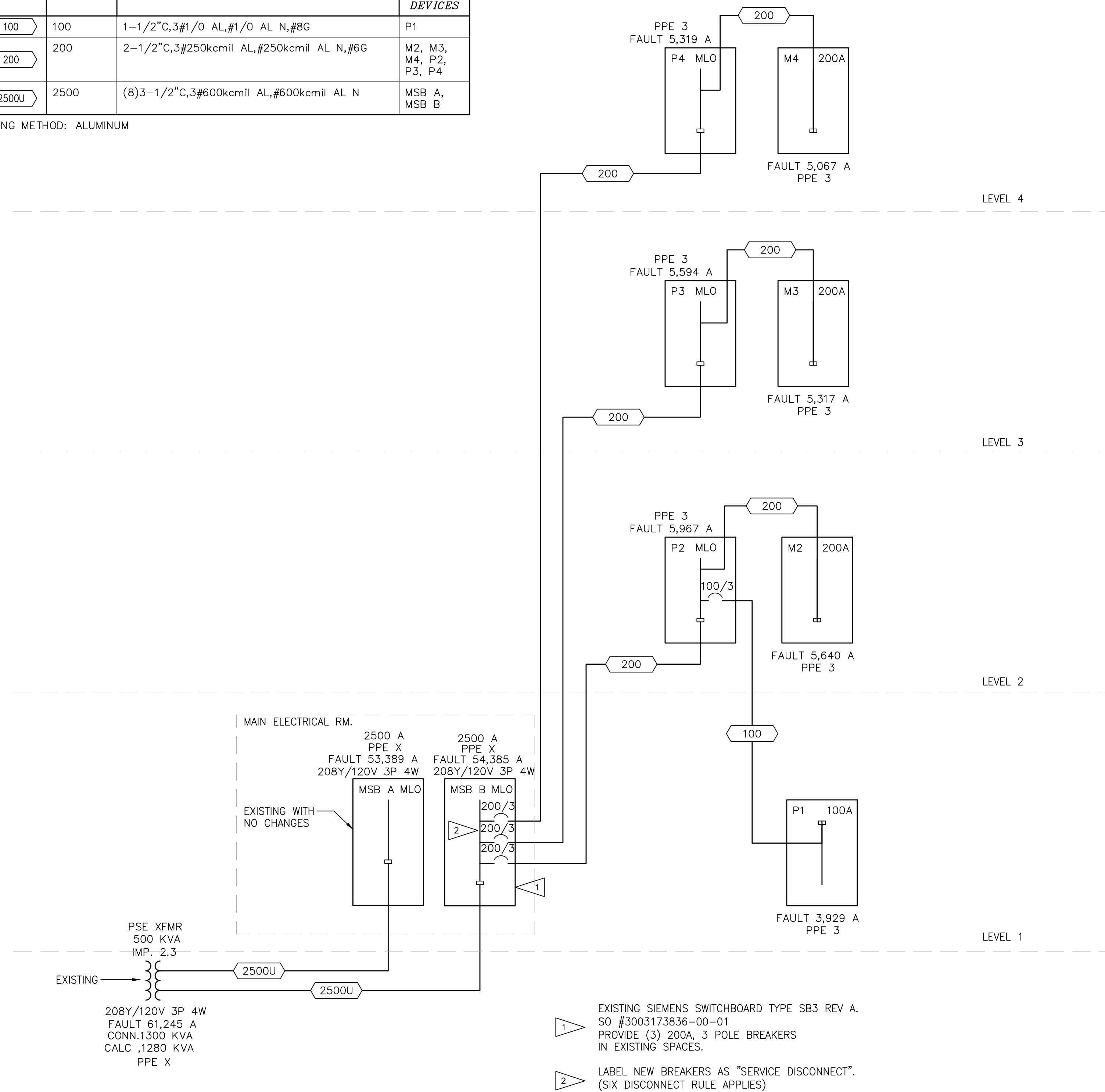
1. AT ADJACENT ROOMS, ELECTRICAL OUTLET LOCATIONS INCLUDING TV AND TELEPHONE OUTLETS, SHALL BE SHIFTED 6" FOR INSTALLATION. ELECTRICAL CORDS SHOULD BE HIDDEN FROM VIEW. BACK TO BACK OUTLETS ARE NOT ALLOWED.
2. LIGHT SWITCH AND GFCI OUTLETS CAN BE MOUNTED IN A COMMON 4X4 BOX WITH COVER PLATE. COORDINATE CLEARANCE WITH MIRROR.
3. HEIGHT OF ALL SWITCHES, OUTLETS, AND LOW VOLTAGE DEVICES, TO MEET A.D.A REQUIREMENTS AND LOCAL CODES. SWITCHES ON LAMPS MUST BE TOGGLE TYPE.
4. ELECTRICAL OUTLETS AT DESKS ARE TO BE COORDINATED WITH HAMPTON INN STANDARDS. DEPENDING ON FF&E PROVIDED, CERTAIN OUTLETS MAY NOT BE REQUIRED.
5. CEILING MOUNTED LIGHT FIXTURE AND FAN AT ALL GUEST ROOM BATHS TO BE SWITCHED SEPARATELY.
6. ALL ACCESSIBLE ROOMS TO BE HEARING IMPAIRED ROOMS EQUIPPED WITH AUDIBLE/VISUAL SMOKE DETECTORS AND FIRE ALARMS. LOCATION AS SHOWN ON PLANS. PROVIDE A DOOR BELL AT ENTRY DOOR CONNECTED TO AUDIBLE/VISUAL DEVICE IN ROOM. LOCATION AS PER PLAN. ABIDE BY ALL OTHER REQUIREMENTS FOR ADA AND ANSI CODES.
7. REFER TO INTERIOR DESIGN DRAWING ELEVATIONS FOR EXACT MOUNTING HEIGHTS AND LOCATIONS OF ALL SHOWN SWITCHES, OUTLETS AND ALL LOW VOLTAGE DEVICES.



**REVISION #8**  
**B-20-0078**

FEEDER SCHEDULE			
ID	FEEDER AMPS	CONDUIT AND FEEDER	FEEDING THESE DEVICES
100	100	1-1/2" C, 3#1/0 AL, #1/0 AL N, #8G	P1
200	200	2-1/2" C, 3#250kcmil AL, #250kcmil AL N, #6G	M2, M3, M4, P2, P3, P4
2500U	2500	(8)3-1/2" C, 3#600kcmil AL, #600kcmil AL N	MSB A, MSB B

SIZING METHOD: ALUMINUM



- 1 EXISTING SIEMENS SWITCHBOARD TYPE SB3 REV A. SO #3003173836-00-01 PROVIDE (3) 200A, 3 POLE BREAKERS IN EXISTING SPACES.
- 2 LABEL NEW BREAKERS AS "SERVICE DISCONNECT". (SIX DISCONNECT RULE APPLIES)

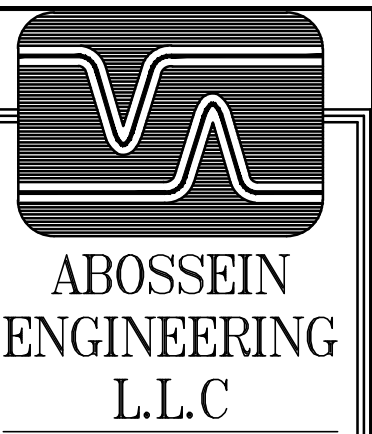
**POWER RISER DIAGRAM**

SCALE: NONE

**City of Puyallup**  
Development & Permitting Services  
**ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

**REVISION #8**  
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PUYALLUP, WA, 98371

1515 S. MERIDIAN

POWER RISER DIAGRAM  
LEVELS 1-4

SHEET TITLE:

Revisions:

01/24/2024

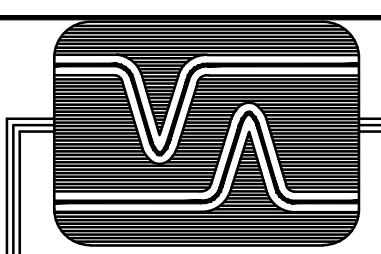
02/03/2024 HEAT TRACING ADD.

02/14/2024 ELEC REVISIONS

Job No.: 219007

Date: 01/03/2024

**E5.0**



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ENGINEERING  
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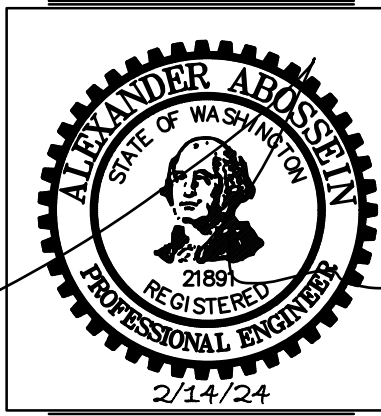
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ADDITION TO HAMPTON INN &  
SUITES

ROYALLUTP, WA, 98371

1515 S. MERIDIAN

TELECOMMUNICATION RISER  
DIAGRAM

SHEET TITLE:

Revisions:

01/24/2024
02/03/2024 HEAT TRACING ADD.
02/14/2024 ELEC REVISIONS

Job No.: 219007  
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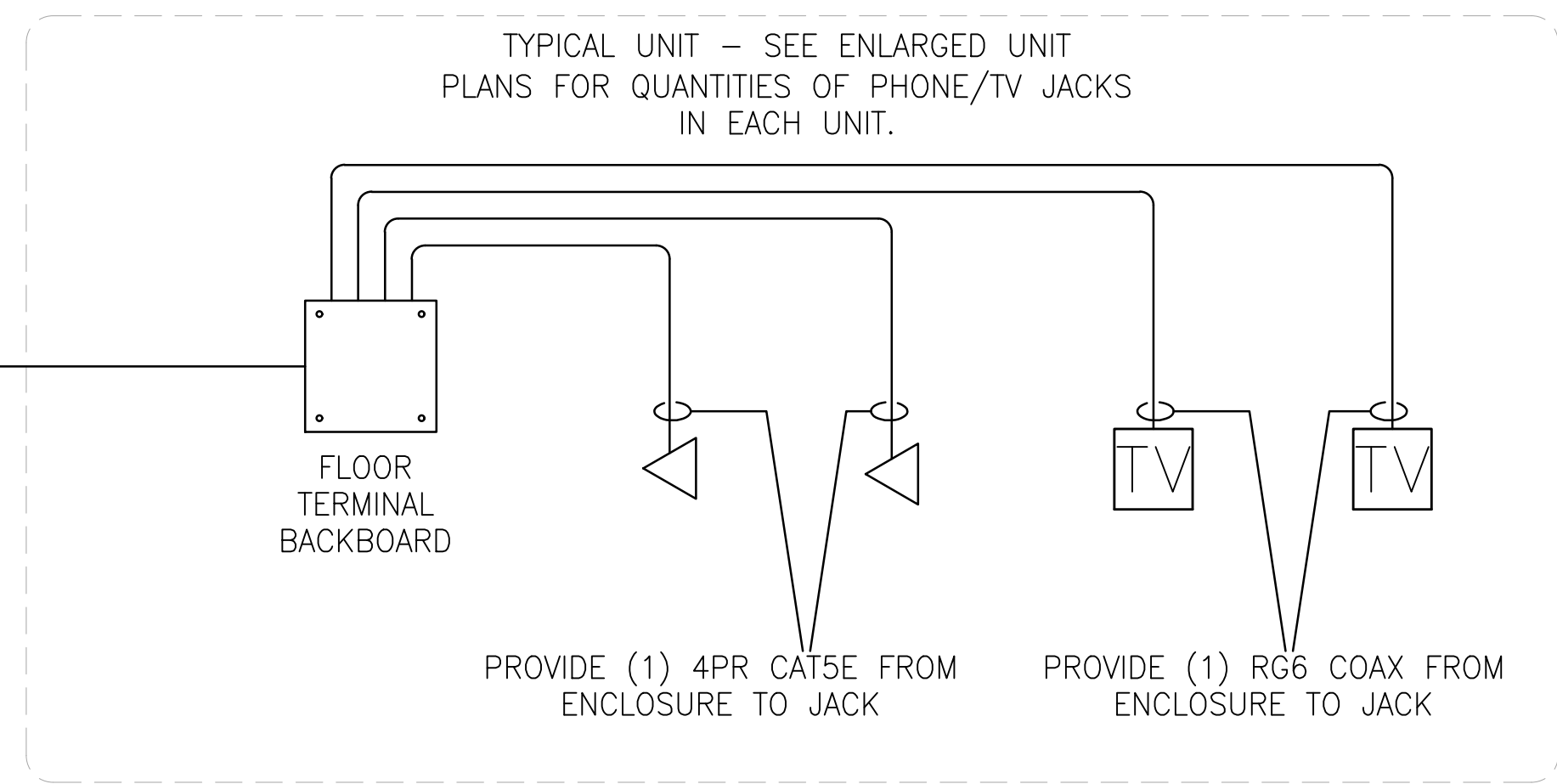
**E5.1**

ROOF

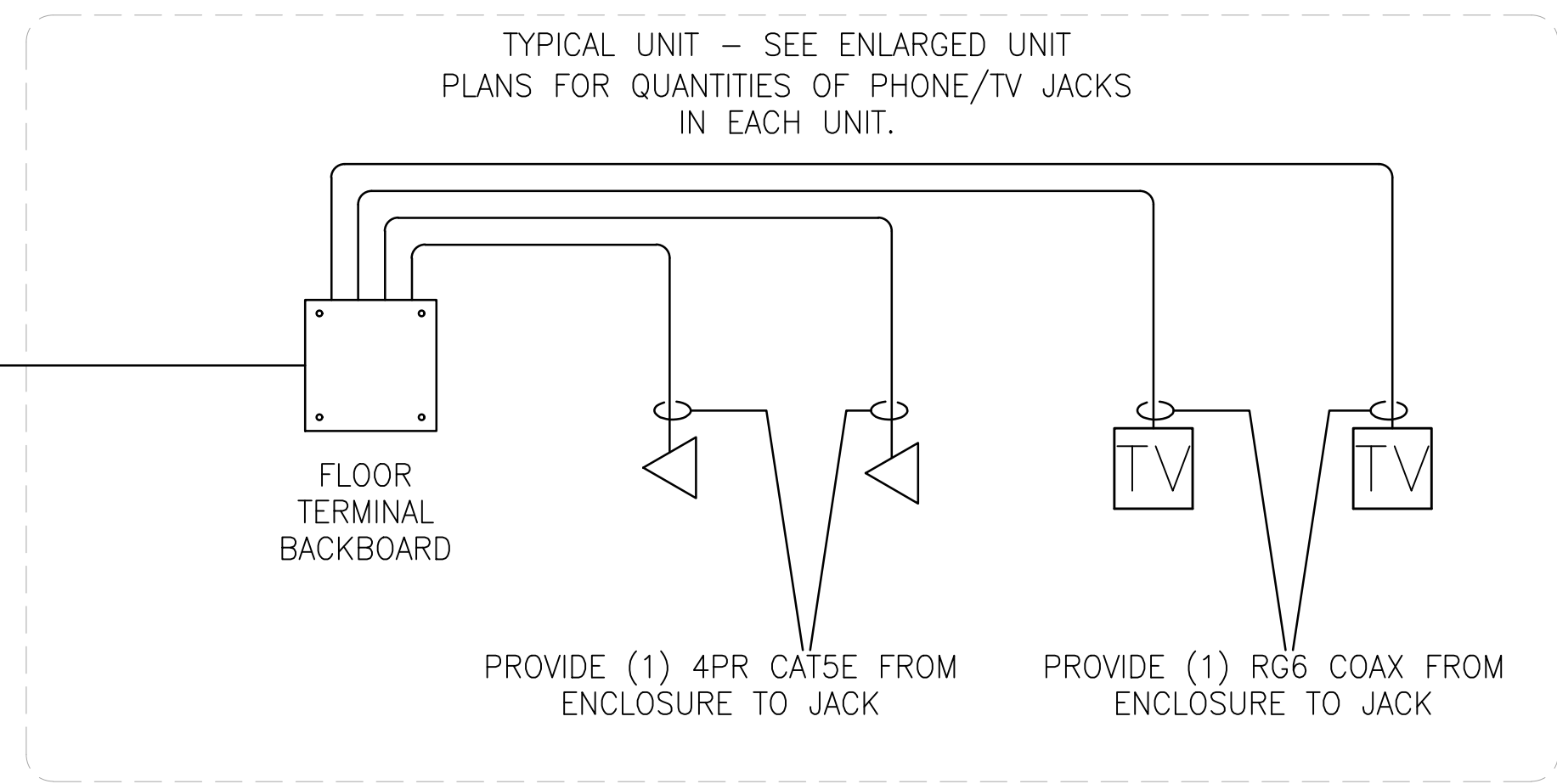
LEVEL 4

LEVEL 3

LEVEL 2

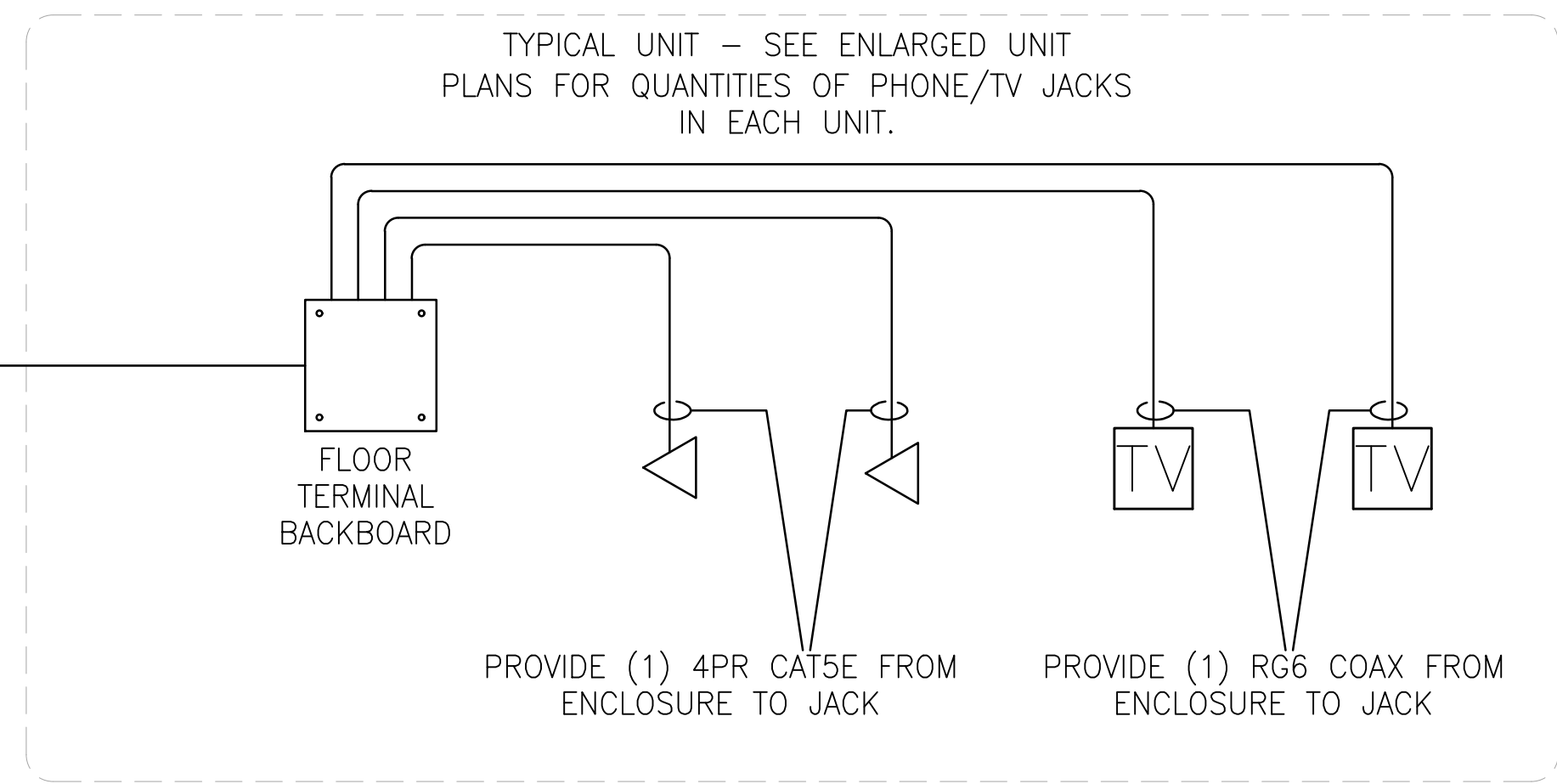


LABEL ALL CABLES/  
PATCH PANELS/  
PUNCHDOWNS. VERIFY  
NAMING CONVENTION WITH  
OWNER'S REP.



NOTE:  
PROVIDE (2) 4" SLEEVES  
THRU FLOOR OF ELEC RMS  
ON LEVELS 1-3  
FOR PHONE/CATV/DATA USE

NOTE:  
BRANCH COAX CABLES SHALL  
NOT EXCEED 150'



PROVIDE:  
(1) 4PR CAT5E TO PHONE BACKBOARD  
(1) RG6 COAX TO CATV BACKBOARD

PROVIDE:  
(1) 4PR CAT5E TO PHONE BACKBOARD  
(1) RG6 COAX TO CATV BACKBOARD

PROVIDE:  
(1) 4PR CAT5E TO PHONE BACKBOARD  
(1) RG6 COAX TO CATV BACKBOARD

2"x12" TGB  
GROUND BAR  
(TYP)

2"x12" TGB  
GROUND BAR  
(TYP)

#2 AWG CU  
(TYP)

LOCATED BY  
FLOOR TERM.  
BOARD. (TYP.)

2"x12" TGB  
GROUND BAR  
(TYP)

#2 AWG CU  
(TYP)

2"x12" TGB  
GROUND BAR  
(TYP)

#2 AWG CU  
(TYP)

EXISTING MAIN TELECOMMUNICATIONS  
BACKBOARD

2"x12" TGB  
GROUND BAR  
(TYP)

TO MAIN  
BUILDING  
GROUND

MAIN TELEPHONE/  
CATV BACKBOARD  
4X8 PLYWOOD

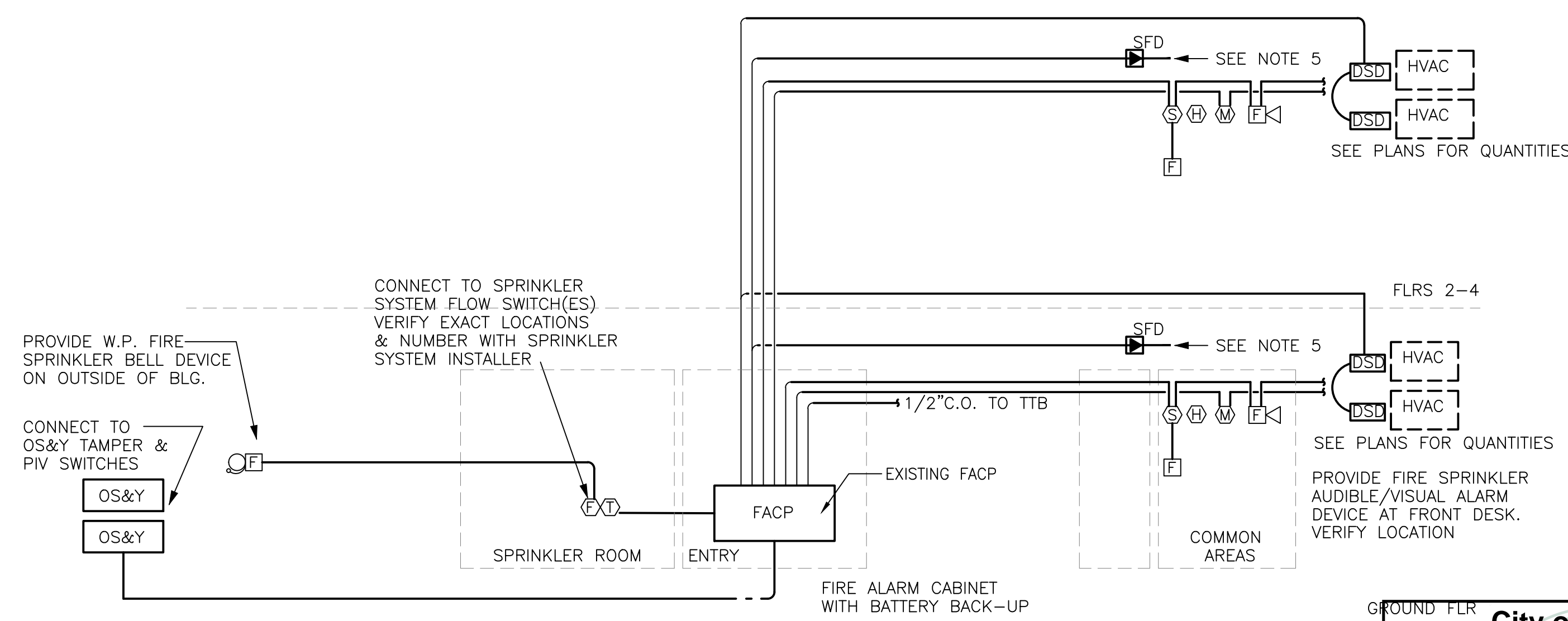
**City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

**REVISION #8  
B-20-0078**

## GENERAL FIRE NOTES

1. THE DRAWINGS DEPICTING THE FIRE ALARM AND DETECTION SYSTEM ARE FOR ESTHETIC PURPOSES ONLY AND SHOULD NOT BE USED TO DETERMINE FINAL QUANTITIES OF FIRE ALARM AND DETECTION DEVICES REQUIRED FOR BIDDING OR CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE APPROPRIATE CONTRACTORS TO DESIGN AND INSTALL A FIRE ALARM AND DETECTION SYSTEM THAT MEETS THE APPROVAL OF AND IS IN ACCORDANCE WITH ALL APPLICABLE CODES AS THE REQUIREMENTS OF THE FIRE ALARM AND DETECTION SPECIFICATIONS.
2. FIRE ALARM SYSTEM WIRING AS ALLOWED BY NFPA, STATE AND LOCAL CODES.
3. SIGNAL INDICATING DEVICES SHALL COMPLY WITH ADA/NFPA 72/ANSI 117.1 CODES AND STANDARDS. INSTALLATION SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
  - A. ALL AUDIBLE SIGNALS SHALL BE CAPABLE OF BEING SILENCED WHILE VISUAL SIGNALS CONTINUE TO FLASH.
  - B. ALL AUDIBLE SIGNALS SHALL SOUND THE TEMPORAL PATTERN (CODE 3) AND WILL SOUND SYNCHRONOUSLY WHEN MORE THAN TWO DEVICES ARE INSTALLED ON SAME CIRCUIT.
  - C. SOUND OUTPUT AT 10 FEET SHALL BE FIELD SELECTABLE FOR 90, 95 AND 99 dBA.
  - D. ALL VISUAL SIGNALS SHALL BE SYNCHRONIZED WHEN MULTIPLE DEVICES ARE IN THE SAME FIELD OF VIEW.
  - E. SPECIFIC MODULES SHALL PROVIDE LISTED STROBE INTENSITIES OF 15, 15/75, 30, 75 AND 110 CANDELLA WITH A FLASH RATE OF 1 TO 2 FLASHES PER SECOND ACROSS A MINIMUM VOLTAGE RANGE OF 20-31 VDC.
  - F. PROVIDE 15/75 CANDELLA STROBE/HORN UNITS IN CORRIDORS AND IN ALL PUBLIC ACCESSIBLE AREAS AND 110 CANDELLA STROBE/HORNS IN ALL UNITS. PROVIDE 75 CANDELLA STROBES IN UNIT BATHROOMS WHERE SHOWN.
  - G. AUDIBLE VISUAL ALARM DEVICES SHALL BE INSTALLED TO NO GREATER THAN 96" A.F.F. TO THE BOTTOM OF DEVICE OR 6" BELOW THE CEILING. (WHICH EVER IS GREATER)
  - H. AUDIBLE ONLY ALARM DEVICES SHALL BE INSTALLED NO LESS THAN 80" A.F.F TO THE BOTTOM OF THE DEVICE OR 6" BELOW THE CEILING. (WHICH EVER IS LOWER.)
  - I. MANUAL INITIATING DEVICES SHALL NOT BE MORE THAN 48" A.F.F. AND NOT LESS THAN 42" A.F.F. FROM THE OPERABLE PART OF THE DEVICE. ("FRONT REACH")
  - J. AUDIBLE/VISUAL INDICATING DEVICES SHALL BE INSTALLED ABOVE FIRE ALARM PULL STATIONS WHERE APPLICABLE.
  - K. REFER TO ARCHITECTURAL DRAWINGS FOR DESIGNATION AND LISTING OF FIRE RATED ASSEMBLY DESIGN NUMBERS. COORDINATE ALL DESIGN WORK WITH FIRE RESISTANCE OF MATERIALS AND CONSTRUCTION.
  - L. FINAL DETERMINATION OF FIRE DAMPERS AND OTHER FIRE STOPPING REQUIREMENTS SHALL BE BASED ON LOCAL CODE REQUIREMENTS.
4. PROVIDE CONNECTION TO DOOR ASSY. MAGNETIC HOLD OPEN DEVICES.(WHEN REQUIRED.)
5. CONTRACTOR SHALL PROVIDE 120V CONTROL CIRCUIT TO F.A. CONTROL PNL FOR ALL SMOKE FIRE DAMPERS (SFD). REFER TO ELECTRICAL AND MECHANICAL FLOOR PLANS FOR QUANTITIES AND LOCATION OF EQUIPMENT.
6. CONTRACTOR SHALL PROVIDE 120V CONTROL CIRCUIT TO F.A. CONTROL PNL AND HVAC EQUIPMENT INTERLOCK WIRING FOR SMOKE DUCT DETECTORS. REFER TO ELECTRICAL AND MECHANICAL PLANS FOR HVAC EQUIPMENT LOCATIONS AND QUANTITIES.
7. PER PMC THE FIRE ALARM SYSTEM TO BE DESIGNED AND INSTALLED TO "TOTAL COVERAGE" PER NFPA 72, 2013 EDITION AND UL CERTIFICATION PER PMC 17.16.020.



FIRE ALARM WIRING METHODS TO BE PER NFPA, STATE AND LOCAL CODE REQUIREMENTS

**FIRE ALARM SYSTEM RISER**  
NOT TO SCALE

**City of Puyallup**  
Development & Permitting Services  
**ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

**REVISION #8**  
**B-20-0078**

**ABOSSEIN ENGINEERING L.L.C**

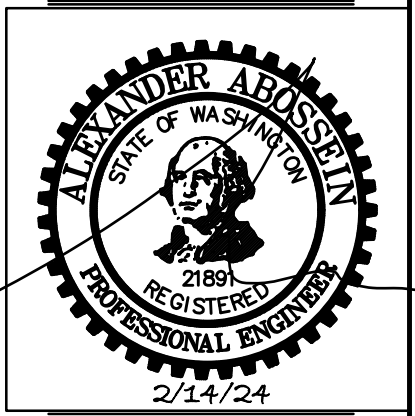
MECHANICAL - ELECTRICAL  
LEED - PLUMBING -  
FIRE PROTECTION

18465 NE 65TH ST.  
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FAX: (425) 462-9451

EMAIL:  
CService@abossein.com

WEBSITE:  
www.abossein.com



ADDITION TO HAMPTON INN & SUITES

PUYALLUP, WA, 98371

1515 S. MERIDIAN

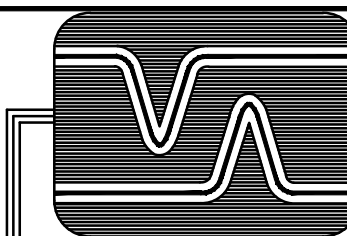
FIRE ALARM RISER DIAGRAM AND NOTES

SHEET TITLE:

- Revisions:
- ⚠ 01/24/2024
  - ⚠ 02/03/2024 HEAT TRACING ADD.
  - ⚠ 02/14/2024 ELEC REVISIONS

Job No.: 219007  
Date: 01/03/2024

E5.2



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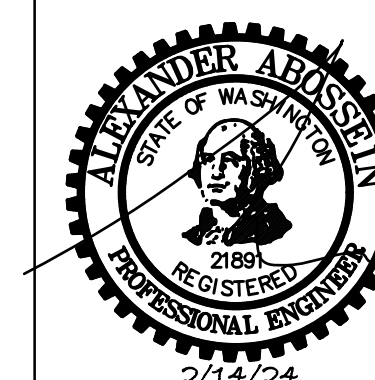
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PUYALLUP, WA, 98371

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DETAILS

SHEET TITLE:

Revisions:

01/24/2024

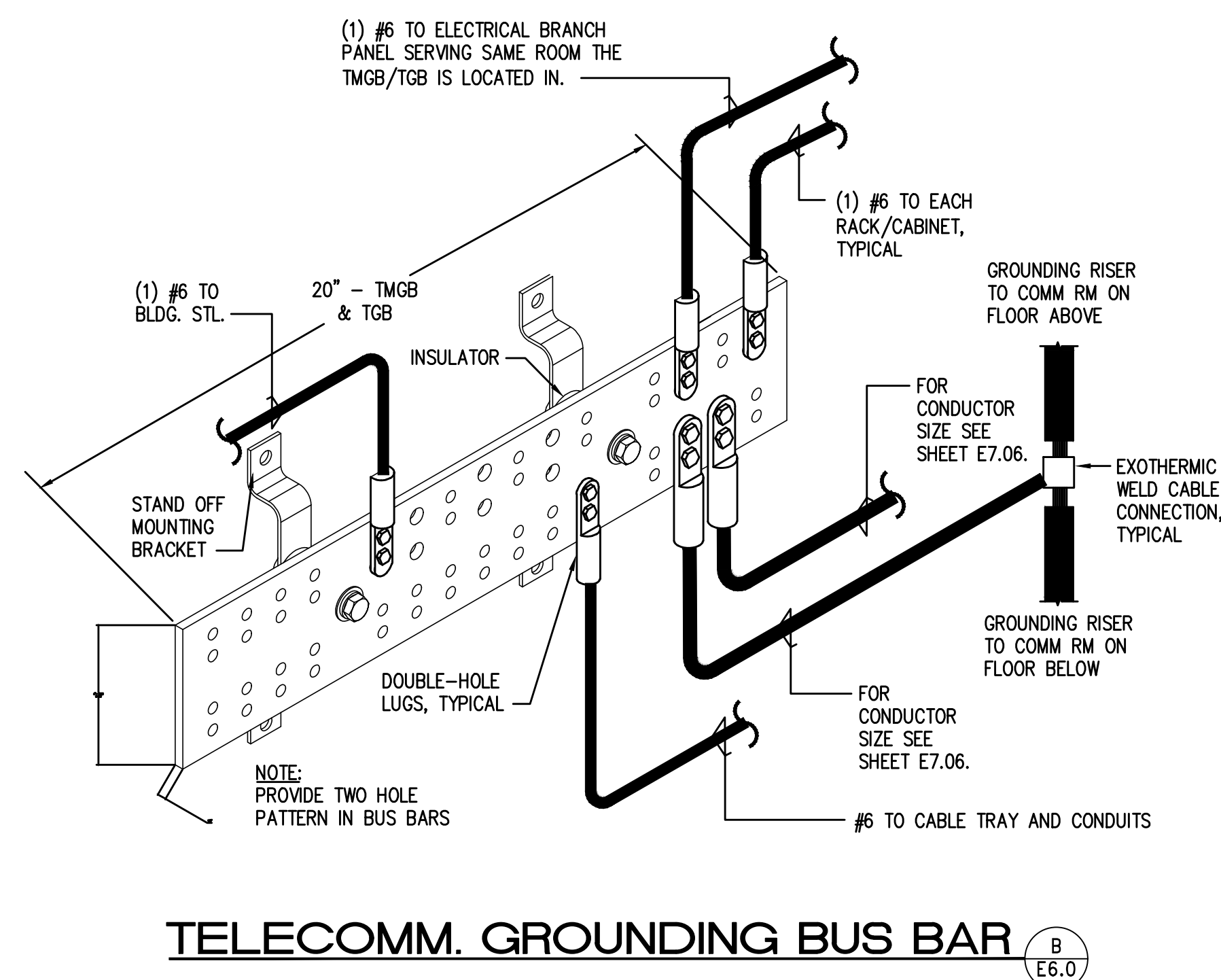
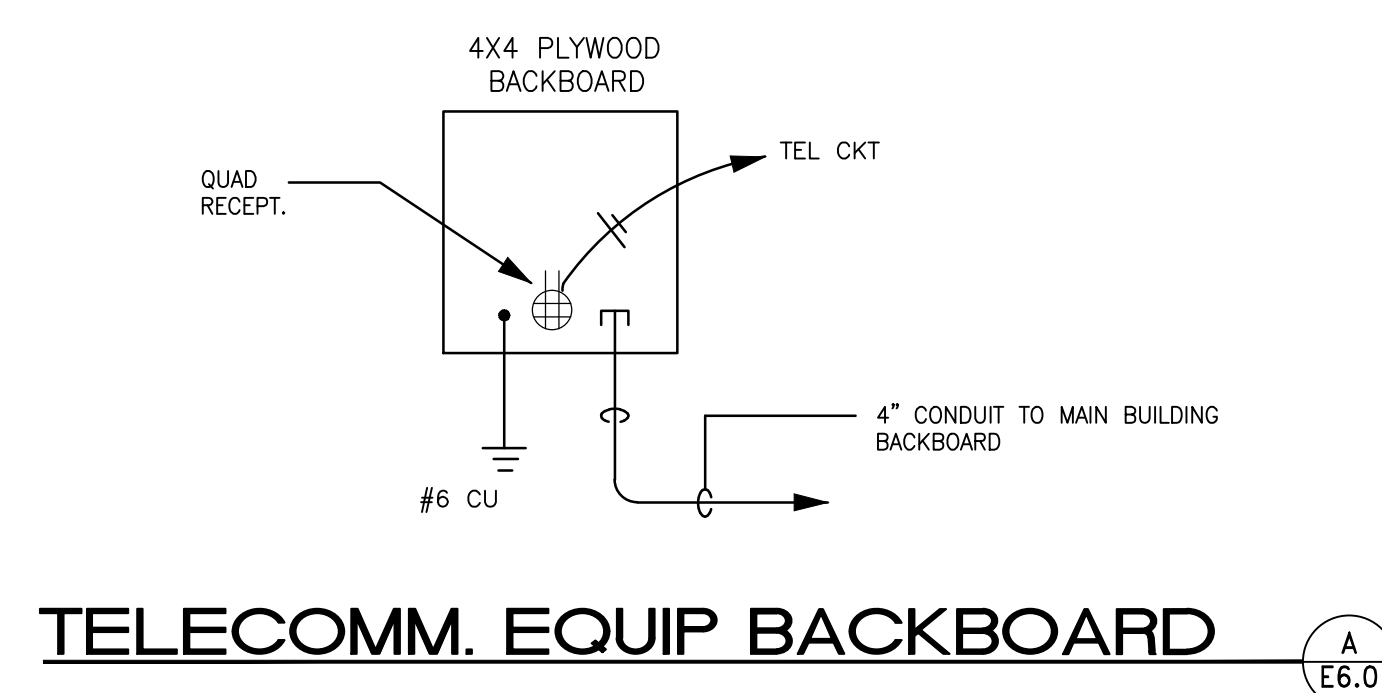
02/03/2024 HEAT  
TRACING ADD.

02/14/2024 ELEC  
REVISIONS

Job No.: 219007

Date: 01/03/2024

**E6.0**



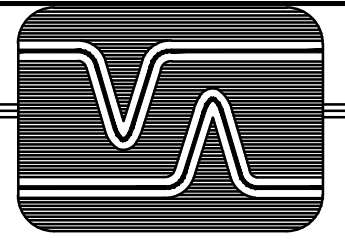
**City of Puyallup  
Development & Permitting Services  
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Building	Planning
Engineering	Public Works
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**REVISION #8  
B-20-0078**







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ADDITION TO HAMPTON INN & SUITES  
1515 S. MERIDIAN  
PUYALLUP, WA, 98071

PANEL SCHEDULES  
SHEET TITLE:

Revisions:  
01/24/2024  
02/03/2024 HEAT TRACING ADD.  
02/14/2024 ELEC REVISIONS

Job No.: 219007  
Date: 01/03/2024

E7.1

Table P3: 3RD FLOOR ELEC ROOM. Includes columns for CKT #, CKT BKR, CIRCUIT DESCRIPTION, LOAD KVA (A, B, C), and summary rows for LUG LOAD and TOTAL CONNECTED KVA BY PHASE.

Table P4: 4TH FLOOR ELEC ROOM. Includes columns for CKT #, CKT BKR, CIRCUIT DESCRIPTION, LOAD KVA (A, B, C), and summary rows for LUG LOAD and TOTAL CONNECTED KVA BY PHASE.

Summary table for Panel P3 showing HOTEL OR MOTEL LIGHTING, AREA, LARGEST MOTOR, and TOTAL LOAD BALANCED 3-PHASE AMPS.

Summary table for Panel P4 showing HOTEL OR MOTEL LIGHTING, AREA, LARGEST MOTOR, and TOTAL LOAD BALANCED 3-PHASE AMPS.

Table M3: 3RD FLOOR ELEC ROOM. Includes columns for CKT #, CKT BKR, CIRCUIT DESCRIPTION, LOAD KVA (A, B, C), and summary rows for LUG LOAD and TOTAL CONNECTED KVA BY PHASE.

Table M4: 4TH FLOOR ELEC ROOM. Includes columns for CKT #, CKT BKR, CIRCUIT DESCRIPTION, LOAD KVA (A, B, C), and summary rows for LUG LOAD and TOTAL CONNECTED KVA BY PHASE.

Summary table for Panel M3 showing HOTEL OR MOTEL LIGHTING, AREA, LARGEST MOTOR, and TOTAL LOAD BALANCED 3-PHASE AMPS.

Summary table for Panel M4 showing HOTEL OR MOTEL LIGHTING, AREA, LARGEST MOTOR, and TOTAL LOAD BALANCED 3-PHASE AMPS.

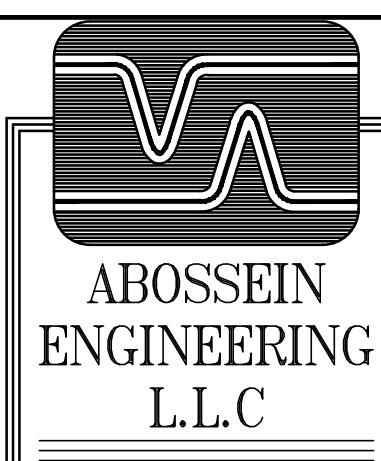
Table 1C: LAUNDRY ROOM. Includes columns for CKT #, CKT BKR, CIRCUIT DESCRIPTION, LOAD KVA (A, B, C), and summary rows for LUG LOAD and TOTAL CONNECTED KVA BY PHASE.

Summary table for Panel 1C showing HOTEL OR MOTEL LIGHTING, AREA, LARGEST MOTOR, and TOTAL LOAD BALANCED 3-PHASE AMPS.

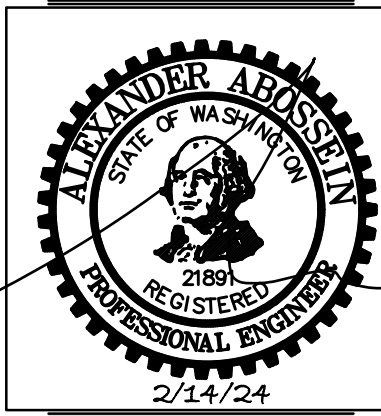
NOTE: REVISED CIRCUITS (N)  
PANEL 1C HAS AN OVERALL LOAD REDUCTION.

City of Puyallup Development & Permitting Services ISSUED PERMIT. Includes buttons for Building, Planning, Engineering, Public Works, Fire, and Traffic.

REVISION #8  
B-20-0078



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ADDITION TO HAMPTON INN & SUITES  
 ENERGY CODE FORMS  
 15115 S. MERIDIAN  
 PUYALLUP, WA, 98371

**Lighting Summary LGT-SUM**  
 2015 Washington State Energy Code Compliance Forms for Commercial Buildings including R2, R3, R4 over 3 stories and all R1  
 Revised August 2016

**Project Info**  
 Project Title: Hampton Inn & Suites Addition Date: 5/6/2019  
 Applicant Information: Provide contact information for individual who can respond to inquiries about compliance form information provided. For Building Department Use  
 Company Name: Abossein Engineering  
 Company Address: 18465 NE 65th St, Redmond, WA 98052  
 Applicant Name: Steven Cruz  
 Applicant Phone: 425-462-9441  
 Applicant Email: Steven\_Cruz@abossein.com

**Project Description**  
 New Building  Addition  Alteration  Plans Included  
 Include PROJ-SUM form (included in envelope forms workbook) with lighting compliance forms.

**Building Additions**  
 Refer to Section C502.2.6 for additional requirements.

**Interior and Exterior Lighting Alterations**  
 Select all Lighting Power and Lighting Control elements that apply to the scope of the retrofit project. If project includes a combination of spaces where less than 50% of the existing fixtures are replaced in some spaces, and 50% or more of the fixtures are replaced in others, then provide separate lighting power compliance forms for the two retrofit conditions. Spaces undergoing the same type of retrofit may be combined into one lighting power compliance form. Refer to Section C503.6 for additional requirements.

**Change of Space Use**  
 Existing interior lighting systems in areas under-going a change in space use are upgraded to comply with LPAs for the new space types per Tables C405.4.2(1) or C405.4.2(2).  
 Identify interior spaces requiring LPD upgrade to the current Code in Proposed Lighting Wattage table in LGT-INT-BLD or LGT-INT-SPACE form.

**Lighting Summary, cont. LGT-SUM**  
 2015 Washington State Energy Code Compliance Forms for Commercial Buildings including R2, R3, R4 over 3 stories and all R1  
 Revised August 2016

**Interior Lighting System Description**  
 Parking Lot Light Fixtures with integral motion detector, and 1/2 of parking lot fixtures equipped with night light and battery backup. Corridor fixtures and exit signs and bugeyes, stairwell fixtures with occupancy sensor and battery backup, and storage room light fixtures switched by wall mounted switches with occupancy sensors. Guestroom Unit flush mounted light fixtures with wall mounted vanity lights in guestroom baths. Light fixtures controlled via switches and card key system per exception 3 for C405.2.5.

**Interior Lighting Power Allowance Method**  
 Building Area Method  Space-by-space Method  
 Select method used in project.

**Interior Lighting Controls**  
 All C405.2.1 - C405.2.8 Controls  C405.2 Exception 5 Luminaire Level Lighting Control (LLLLC)  
 Additional Efficiency Package Option C406.4 Enhanced digital lighting controls  
 To comply with C406.4, no less than 90% of the total installed interior lighting power shall comply with the required controls per C406.4.

**Dwelling Unit Interior Lighting**  
 Permanently installed interior lighting fixtures in dwelling units comply with:  
 C405.2 thru C405.5 Commercial Lighting Controls and LPA  
 C406.3 High Efficacy Lighting

**Exterior Lighting System Description**  
 N/A

**Interior Lighting - Building Area Method LTG-INT-BLD**  
 2015 Washington State Energy Code Compliance Forms for Commercial Buildings including R2, R3, R4 over 3 stories and all R1  
 Revised August 2016

**Calculation Area**  
 Addition - stand alone  Addition + existing  
 Spaces where < 50% of luminaires are replaced  Spaces where ≥ 50% of luminaires are replaced

**LPA Calculation Type**  
 Standard  Additional Efficiency Package Option C406.3 Reduced Interior Lighting Power  
 To comply with C406.3, the Proposed LPD shall be 25% lower than the Target LPA. Refer to C406.3 for additional requirements.

**Maximum Allowed Lighting Wattage**  

Building Area	Location (plan #, room #, or ALL)	Area Description	Gross Interior Area in ft²	Allowed Watts per ft²	Watts Allowed (watts/ft² x area)
Hotel	Hotel Addition	Hotel newly added spaces (garage, corridor, storage rooms, guestrooms, stairs)	25857	0.70	18100
Total			25857		

**Proposed Lighting Wattage**

Building Area	Location (plan #, room #)	Fixture Description	Number of Fixtures	Watts per Fixture	Watts Proposed
Hotel	Lvl 2-4 New addition corridor	"L-1" LED 15W Recessed 5" Downlight	62	16	967
Hotel	Lvl 2-4 New addition corridor	"L-2" LED 11.2W Recessed 4" Focal Light	30	11	336
Hotel	Lvl 2-4 New addition corridor	"L-3" LED 8W Wall Sconce Accent Light	75	8	600
Hotel	Lvl 1 New addition garage	"P1" LED 47W Parking Garage Downlight with Built-In Occupancy Sensor	6	47	282
Hotel	Lvl 1 New addition garage	"P1E" LED 47W Parking Garage Downlight with Built-In Occupancy Sensor and Battery Backup	5	47	235
Hotel	Stairs	"S1" LED 40W Surface Mounted Light Fixture with Built-In Occupancy Sensor and Battery Backup	8	40	320
Hotel	Lvl 2-4 New addition storage	"S2" LED 40W Surface Mounted Light Fixture	6	40	240
Hotel	Guestrooms	"L-4" LED 26W 12" Flush Mount General Light Fixture	30	26	780
Hotel	Guestroom Baths	"L-5" LED 17W 12" Flush Mount General Light Fixture	33	17	561
Hotel	Guestroom Baths	"L-6" LED 38W Wall Mounted 27" Vanity Light Fixture	30	38	1140

**Compliance by Building Area**

Building Area	Warnings	Total Allowed Watts	Total Proposed Watts	Interior Lighting Power Allowance
Hotel	Confirm all fixtures are reported under proposed lighting - low watts relative to maximum allowed.	18100	5461	COMPLIES C406.3

Note 1 - List all unique building areas per Table C405.4.2(1) that occur in the

Totals	18100	5461
--------	-------	------

project scope. Select building area category from drop down menu.  
 Note 2 - Proposed fixtures must be listed in the building area in which they occur. List all proposed lighting fixtures including exempt lighting equipment and existing-to-remain fixtures.  
 Note 3 - For proposed Fixture Description, indicate fixture type, lamp type (e.g. T-8), number of lamps in the fixture, and ballast type (if included). For track lighting, list the length of the track (in feet) in addition to the fixture, lamp, and ballast information.  
 Note 4 - For lighting equipment eligible for exemption per C405.4.1, note exception number and leave Watts/Fixture blank.  
 Note 5 - Existing-to-remain fixtures shall be included in the Proposed Lighting Wattage table in the same manner as new fixtures. Identify as existing in fixture description.  
 Note 6 - For proposed Watts/Fixture enter the luminaire wattage for installed lamp and ballast using manufacturer or other approved source. For luminaires with screw-in lamps, enter the manufacturer's listed maximum input wattage of the fixture (not the lamp wattage). For low voltage lighting, enter the wattage of the transformer. For line voltage track/busway systems, enter the larger of the attached luminaire wattage or 50 watt/lineal foot, or enter the wattage limit of permanent current limiting device.  
 Note 7 - Proposed Wattage for each Building Area type shall not exceed the Allowed Wattage for that Building Area type. Trading wattage between Building Area types is not allowed under the Building Area Method compliance path.  
 Note 8 - Calculation Area Details:  
 a. Lighting fixtures in a building addition may comply as a stand alone project, or they may be combined with the overall existing building lighting systems to demonstrate compliance. Refer to C502.1.  
 b. For alterations and building additions, provide Building Area types and gross interior areas in the Maximum Allowed Lighting Wattage table. If a building addition will comply as combined with the overall existing building lighting systems, include all applicable existing Building Area types and gross interior areas.  
 c. If less than 50% of existing lighting fixtures will be replaced, use LGT-INT-SPACE form to document compliance.

**Exterior Lighting LTG-EXT**  
 2015 Washington State Energy Code Compliance Forms for Commercial Buildings including R2, R3, R4 over 3 stories and all R1  
 Revised August 2016

**Exterior Lighting Zone**  
 Project Title: Hampton Inn & Suites Addition Date: 5/6/2019  
 Zone 1  Zone 2  Zone 3  Zone 4  
 Zone selection required to enable LTG-EXT form

**Calculation Area**  
 Addition - stand alone  Addition + existing  
 Alteration with < 50% ext. wattage replaced  Alteration with ≥ 50% ext. wattage replaced

**Building Grounds**  
 Efficacy > 80 lumens/watt  Exemption  
 Applies to luminaires > 100 Watts  Controlled by motion sensor

**Tradable Maximum Allowed Lighting Wattage**  

Tradable Surfaces	Surface Description	Area (ft², perimeter (ft) or # of items)	Allowed Watts per ft² or per ft or # of items	Allowed Watts x ft² (or x ft) or # of items
Main Entry Door	Exterior Stair Entrance	1	30W/LF door	30
Total Allowed Tradable + Site Allowance Watts:			750	

**Tradable Proposed Lighting Wattage**

Tradable Surface	Fixture Description	Number of Fixtures	Watts per Fixture	Watts Proposed
Main Entry Door	"W1" LED 40W Surface Mounted Wall Pack	1	16	16
Total Proposed Tradable Watts:				16

**Non-Tradable Maximum Allowed Lighting Wattage**

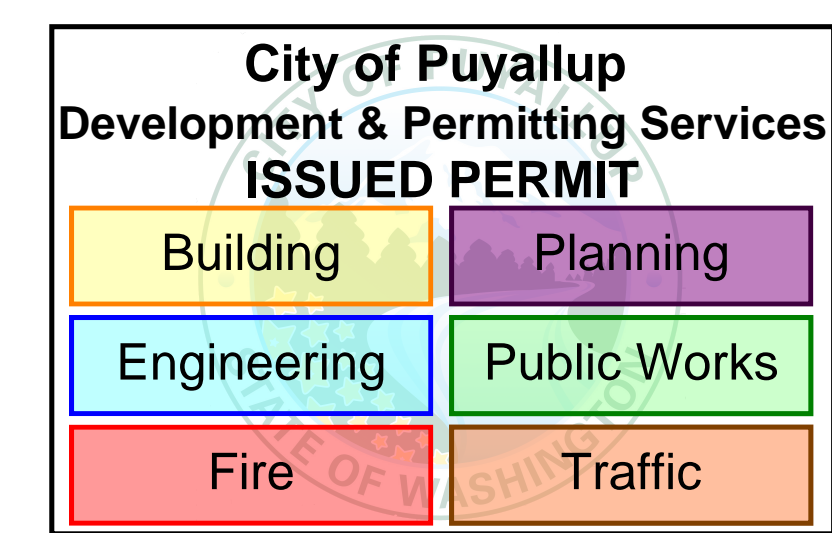
Non-Tradable Surfaces	Surface Description	Area (ft², perimeter (ft) or # of items)	Allowed Watts per ft² or per ft	Allowed Watts x ft² (or x ft)
Site Allowance Remaining: 750				

**Non-Tradable Proposed Lighting Wattage**

Non-Tradable Surface	Fixture Description	Number of Fixtures	Watts per Fixture	Watts Proposed

Non-tradable proposed watts may not exceed allowed watts for any individual surface unless the total excess watts for all non-tradable surfaces are less than the remaining site allowance.  
 Non-Tradable Watts Exceeding LPA: 0  
 Remaining Site Allowance: 750  
**EXTERIOR LIGHTING COMPLIES WITH MAX. ALLOWANCE**

Note 1 - List all unique exterior surfaces per Table C405.5.2(2) that occur in the project scope. Select exterior surface categories from drop down menu.  
 Note 2 - List all proposed lighting fixtures including existing-to-remain fixtures.  
 Note 3 - For proposed Fixture Description, indicate fixture type, lamp type, number of lamps in the fixture, and ballast type (if applicable).  
 Note 4 - Existing-to-remain fixtures shall be included in the Tradable and Non-Tradable Proposed Lighting Wattage tables in the same manner as new fixtures. Identify as existing in fixture description.  
 Note 5 - For proposed Watts/Fixture enter the luminaire wattage for installed lamp and ballast using manufacturer or other approved source. For luminaires with screw-in lamps, enter the manufacturer's listed maximum input wattage of the fixture (not the lamp wattage). For low voltage lighting, enter the wattage of the transformer.

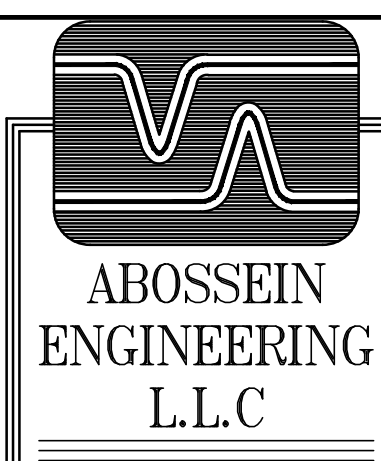


**REVISION #8**  
**B-20-0078**

REVISIONS:  
 01/24/2024  
 02/03/2024 HEAT TRACING ADD.  
 02/14/2024 ELEC REVISIONS

Job No.: 219007  
 Date: 01/03/2024

**E8.0**



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MECHANICAL - ELECTRICAL LEED - PLUMBING - FIRE PROTECTION

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ADDITION TO HAMPTON INN & SUITES

1515 S. MERIDIAN PUYALLUP, WA, 98371

ENERGY CODE FORMS

Revisions: 01/24/2024 02/03/2024 HEAT TRACING ADD. 02/14/2024 ELEC REVISIONS

Job No.: 219007 Date: 01/03/2024

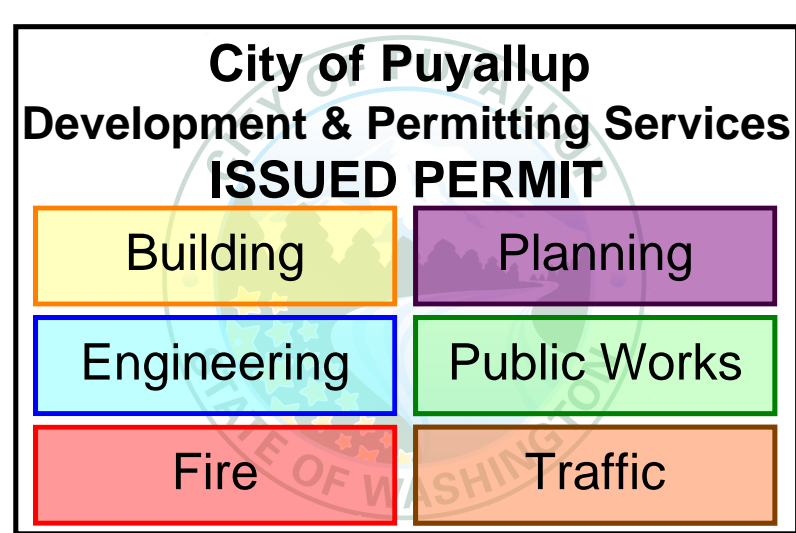
E8.1

Lighting, Motor, and Electrical Permit Checklist, Pg. 1 LTG-CHK. Project Title: Hampton Inn & Suites Addition. Date: 5/6/2019. Includes table with columns for Code Section, Component, Compliance information, Location in Documents, and Building Department Notes.

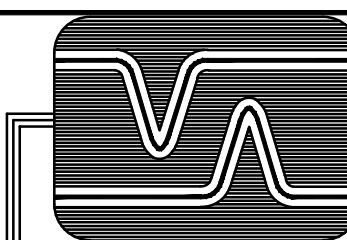
Lighting, Motor, and Electrical Permit Checklist, Pg. 2 LTG-CHK. Project Title: Hampton Inn & Suites Addition. Date: 5/6/2019. Includes table with columns for Code Section, Component, Compliance information, Location in Documents, and Building Department Notes.

Lighting, Motor, and Electrical Permit Checklist, Pg. 3 LTG-CHK. Project Title: Hampton Inn & Suites Addition. Date: 5/6/2019. Includes table with columns for Code Section, Component, Compliance information, Location in Documents, and Building Department Notes.

Lighting, Motor, and Electrical Permit Checklist, Pg. 4 LTG-CHK. Project Title: Hampton Inn & Suites Addition. Date: 5/6/2019. Includes table with columns for Code Section, Component, Compliance information, Location in Documents, and Building Department Notes.



REVISION #8 B-20-0078



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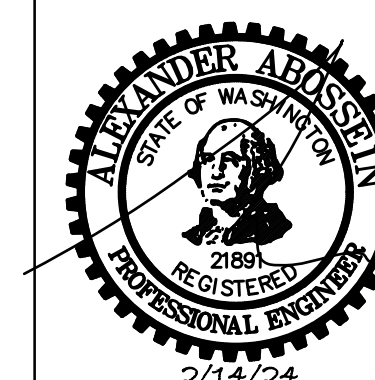
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ADDITION TO HAMPTON INN &  
SUITES

POYALLUP, WA, 98371

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MECHANICAL EQUIPMENT  
SCHEDULES

SHEET TITLE:

Revisions:

01/24/2024

02/03/2024 HEAT  
TRACING ADD.

02/14/2024 ELEC  
REVISIONS

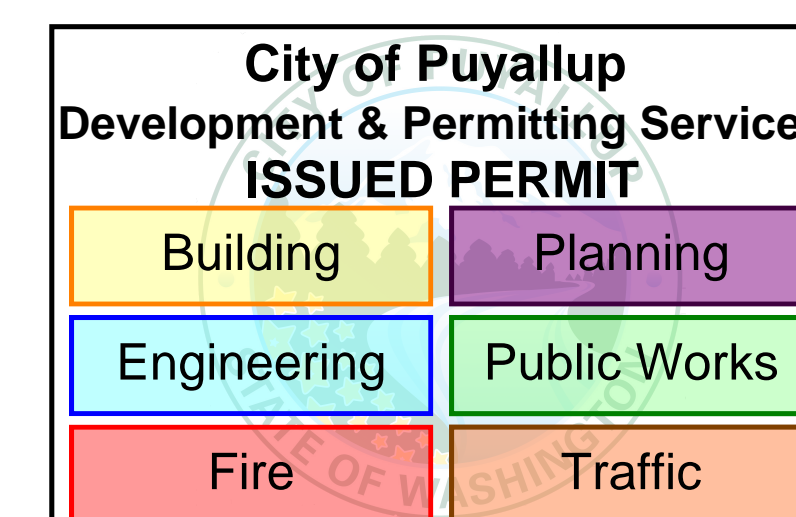
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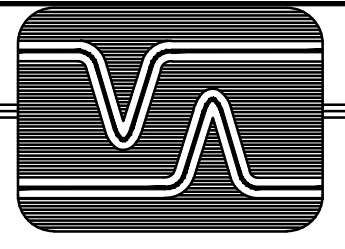
**E9.0**

### GENERAL SCHEDULE

CALLOUT	SYMBOL	NEMA	VOLTS	AMPS	KVA	HP	CIRCUIT
CP-1			120V 1P 2W	3.9	0.47	1/8 HP	M2-22
CP-2			120V 1P 2W	3.9	0.47	1/8 HP	M2-22
EF-1			120V 1P 2W	3.5	0.42	1/10 HP	
EF-1			120V 1P 2W	3.5	0.42	1/10 HP	
EF-1			120V 1P 2W	3.5	0.42	1/10 HP	
EF-1			120V 1P 2W	3.5	0.42	1/10 HP	
GWH-1			120V 1P 2W	4.17	0.5		M2-24
HWCP-1			120V 1P 2W	3.9	0.47	1/8 HP	M2-22
RTU-1			208V 3P 3W	24.79	8.93		M4-22,24,26
VEHICLE CHARGER 1			208V 2P 2W	30	6.24		P1-1,3
VEHICLE CHARGER 2			208V 2P 2W	30	6.24		P1-5,7



**REVISION #8  
B-20-0078**



ABOSSEIN ENGINEERING L.L.C

MECHANICAL - ELECTRICAL LEED - PLUMBING - FIRE PROTECTION

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EMAIL: CService@abossein.com

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ADDITION TO HAMPTON INN & SUITES

POYALLUP, WA, 98371

1515 S. MERIDIAN

SHEET TITLE:

Revisions:

01/24/2024

02/03/2024 HEAT TRACING ADD.

02/14/2024 ELEC REVISIONS

Job No.: 219007

Date: 01/03/2024

E9.1

Table with columns: DEVICE, FAULT, AIC RATING, L-N VOLTS, UTILITY, FED FROM, FEEDER, TRANSFORMER, TOTAL MOTOR, DIRECTLY CONNECTED MOTOR LOAD. Rows include PSE XFMR, MSB A, MSB B, P2, M2, P1, P3, M3, P4, M4.

Table with columns: DEVICE, REQUIRED PPE, VOLTAGE, ARCING TIME, WORKING DISTANCE, INCIDENT ENERGY, ARC-FLASH-PROTECTION BOUNDARY. Rows include PSE XFMR, MSB A, MSB B, P2, M2, P1, P3, M3, P4, M4.

City of Puyallup Development & Permitting Services ISSUED PERMIT. Includes colored boxes for Building, Planning, Engineering, Public Works, Fire, and Traffic.

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