RECEPT	ACLE SCF	HEDULE		
CALLOUT	SYMB0L	NEMA	VOLTS	FEATURES
GFCI UNITS	-	5-20R	120V 1P 2W	GFCI, GND
GFCI WP		5-20R	120V 1P 2W	WP, GFCI, GND
JUNCTION BOX	①		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

DESCRIPTION

RECESSED 5" DOWNLIGHT

RECESSED 4" FOCAL LIGHT

WALL SCONCE ACCENT LIGHT

PARKING GARAGE DOWNLIGHT W/

BUILT-IN OCCUPANCY SENSOR

PARKING GARAGE DOWNLIGHT W

OCCUPANCY SENSOR

1'X4' SURFACE LIGHT

EMERGENCY BUGEYE

EXIT SIGN

FIXTURE

EMERGENCY BACKUP AND BUILT IN

LED SURFACE MOUNTED LIGHT FIXTURE

EXTERIOR WALL SCONCE WET RATED

DESCRIPTION

12" FLUSH MOUNT GENERAL LIGHT

12" FLUSH MOUNT GENERAL LIGHT

WALL MOUNTED 27" VANITY LIGHT

SWITCH SCHEDU	LE
CALLOUT	SYMB0L
CAPTIVE KEY SYSTEM	СК
PHOTOCELL	•
STANDARD SWITCH	\$
WALL OCCUPANCY SENSOR SWITCH	\$ os

LUMINAIRE SCHEDULE

LAMP

(1) 15.6W LED

(1) 11.2W LED

(1) 8W LED

(1) 47W LED

(1) 47W LED

(1) 39.5W LED

(1) 40W LED

(1) 16W LED

(1) 0.8W LED

(1) 3W LED

(1) 26W LED

(1) 17W LED

(1) 38W LED

LAMP

UNITS LUMINAIRE SCHEDULE

SYMBOL

Ю

Q

SYMBOL

CALLOUT

L-2

L-3

P1E

CALLOUT

L-4

L-5

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.
- $2.\;$ 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.

BALLAST

ELECTRONIC

BALLAST

ELECTRONIC

ELECTRONIC

ELECTRONIC

MOUNTING

RECESSED

RECESSED

SURFACE

RECESSED

SURFACE

SURFACE

WALL

CEILING

WALL

MOUNTING

SURFACE

CEILING

WALL

WALL

MODEL

JUNO UC20LED G4 14LM 30K 90CRI 204

97-4-L50/830-FR-EM/BSL310-DRV-120V

KUZCO 601471-BK-LED

97-4-L50/830-FR--DRV-120V

WL4-40L-EZ1-LP830-NES7-EL14L

PHILIPS DAYBRITE LF4FR3135ULAG

COOPER INDUSTRIES

COLOR FOR CASING.

MODERN FORMS PI

MODERN FORMS

VOGUE-WS-3127-CH

B95-VE-GRY-LD4-16W-30-CL-120-ED1D1

-PB120/SC95/GRY, UTILIZE LIGHT GREY

EXR-LED-EL-M6

LITHONIA LIGHTING QUANTUM ELM2LED

MODEL

FLUSH-FM-W44812-30-BK

ROUND-50037LEDD-BS/FST

ACCESS LIGHTING VISION

HE WILLIAMS

HE WILLIAMS

JUNO IC1LED G4 09LM 30K 90CRI 17 BWH | 11.2

ELECTRICAL GENERAL NOTES:

- 1. ALL ELECTRICAL INSTALLATIONS SHALL COMPLY WITH 2014 NEC, 2015 WSEC AND ADA STANDARDS.
- 2. ALL RECEPTACLES AND SWITCHES SHALL BE FLUSH MOUNTED FOR ALL AREAS. U.O.N.
- 3. 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.
- 4. 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.
- 5. ALL WIRING TO BE SIZE #12 AWG UNLESS NOTED OTHERWISE.
- 6. CONTRACTOR SHALL PROVIDE ALL DISCONNECTS TO MEET LOCAL CODES.
- 7. ALL FINAL CONNECTIONS SHOWN ON THE DRAWINGS ARE ACTUAL REQUIREMENTS OF THE EQUIPMENT AND ARE SHOWN IN THEIR APPROXIMATE LOCATION.
- 8. 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.
- 9. ALL RECEPTACLES, HORNS, VISUAL INDICATORS, EMERGENCY LIGHTS, PULL STATIONS AND EXIT LIGHTS MOUNTED ON THE EXTERIOR OF THE BUILDING SHALL BE THE WEATHERPROOF TYPE.
- 10. AUDIO/VISUAL INDICATOR SHALL BE INSTALLED ABOVE THE FIRE ALARM PULL STATION WHERE APPLICABLE AT APPROXIMATELY 6" BELOW CEILING.
- 11. ALL EXTERIOR EQUIPMENT AND DEVICES SHALL BE WEATHERPROOF AND RAIN TIGHT.
- 12. COORDINATE ALL LIGHTING WITH MECHANICAL AND PLUMBING EQUIPMENT
- 13. 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.
- DEVICE MOUNTING HEIGHT OF ALL DEVICES SHALL CONFORM WITH N.E.C., STATE ELECTRICAL CODE, LOCAL CODES AND ADA. UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
- RECEPTACLES +15" TO BOTTOM
- SWITCHES +48" TO CENTERLINE
- 14. 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.
- 15. FINAL DETERMINATION OF FIRE DAMPERS AND OTHER FIRE STOPPING REQUIREMENTS SHALL BE BASED ON LOCAL CODE REQUIREMENTS.
- 16. ELECTRICAL SYSTEM AND COMPONENTS SHALL BE IN COMPLIANCE WITH THE REGULATIONS OF THE STATE AND LOCAL ENFORCING AGENCIES.
- 17. ALL BATHROOM RECEPTACLES SHALL BE G.F.I. (TYP.)

VOLTS

120V 1P 2W

VOLTS

120V 1P 2W

120V 1P 2W

120V 1P 2W

120V 1P 2W | EGRESS

INPUT

WATTS

15.6

47

39.5

INPUT VA TOTAL VA

38

- 18. THE ELECTRICAL CONTRACTOR SHALL REFER TO AND COORDINATE THE LOCATION OF ALL AREA/OCCUPANCY SEPARATION WALLS WITH THE ARCHITECTURAL DRAWINGS AND DETAILS.
- 19. 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.
- 20. MOUNTING HEIGHT OF ALL WALL MOUNTED LIGHT FIXTURES SHALL BE PER ARCHITECTURAL PLANS, ELEVATIONS AND DETAILS.

QUANTITY

- 21. SEE ARCHITECTURAL PLANS AND DETAILS FOR MINIMUM SEPARATION REQUIREMENTS OF RESIDENTIAL UNIT PARTY WALL OUTLETS FOR SOUND ABATEMENT.
- 22. 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.
- 23. PROJECT TO COMPLY WITH 2015 IFC SECTION 510 EMERGENCY RESPONDER RADIO COVERAGE.

LOCATION/NOTES

LVL 2-4 NEW ADDITION | 62

| LVL 2-4 NEW ADDITION | 30

LVL 2-4 NEW ADDITION | 75

CORRIDOR DOORS

LVL 1 NEW ADDITION

LVL 1 NEW ADDITION

OCCUPANCY SENSOR FOR LIGHT REDUCTION & BATTERY BACKUP,

ARCHITECTURAL PLANS

EXTERIOR WALL, 1%

NOTES

GUESTROOMS

GUESTROOM BATHS

GUESTROOM BATH

VANITY

LVL 2-4 NEW ADDITION 30

LVL 2-4 NEW ADDITION 33

LVL 2-4 NEW ADDITION 30

QUANTITY

DIMMING DRIVER

LVL 2-4 NEW ADDITION 6

STAIRWELLS WITH

GARAGE

REFER TO

STORAGE

EGRESS

FOR MOUNTING LOCATIONS.

B-20-0078 City of Puyallup

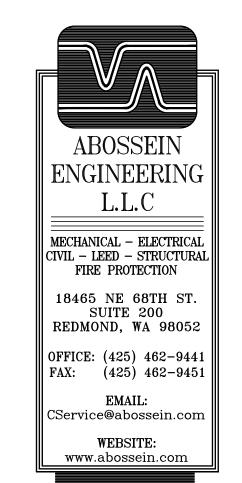
SHEET NO.	SHEET DESCRIPTION	SHEET NO.	SHEET DESCRIPTION
E1.0	GENERAL NOTES, SCHEDULES, AND PLAN INDEX	E5.2	FIRE ALARM RISER DIAGRAM AND NOTES
E2.0	1ST FLOOR POWER	E6.0	DETAILS
E2.1	2ND FLOOR POWER	E7.0	PANEL SCHEDULES
E2.2	3RD FLOOR POWER	E7.1	PANEL SCHEDULES
E2.3	4TH FLOOR POWER	E7.2	PANEL SCHEDULES
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 SCHEDUL
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		

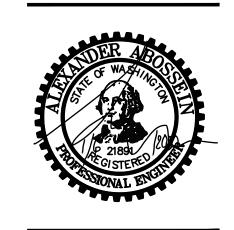
City of F Development & P ISSUED	
Building	Planning
Engineering	Public Works
Fire OF W	SHITTraffic



12202 Pacific Ave. Suite C Tacoma, Washington 98444 P: 253.531.4300 F: 253.537.6542 E: architects@austincina.com

RESPONSE TO DRT #P-19-0050



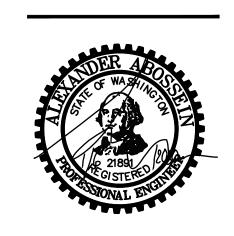


, SCHEDULES INDEX NOTES, D PLAN GENER,

Job #: January 6, 2020 Date: Revs:

• / _ /	ermitting Services PERMIT
Building	Planning
Engineering	Public Works
Fire OF W	SHITraffic





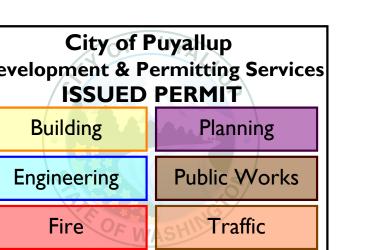
January 6, 2020

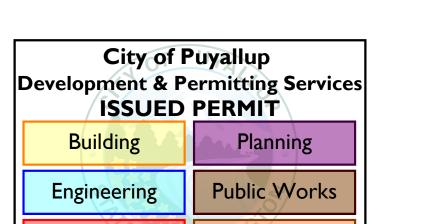
Job #: Date:

Revs:

E2.0

PERMIT SET





VEHICLE CHARGER 2 6.24KVA,208V2P2W

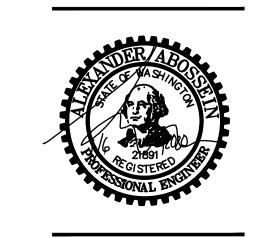
P1-1,3 1/2"C,2#8,#10G

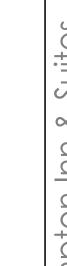
VEHICLE CHARGER 1
6.24KVA,208V2P2W

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

P1-5,7 1/2"C,2#8,#10G







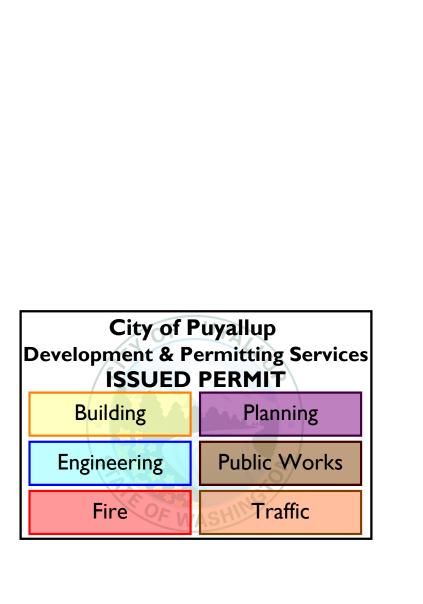
POWER

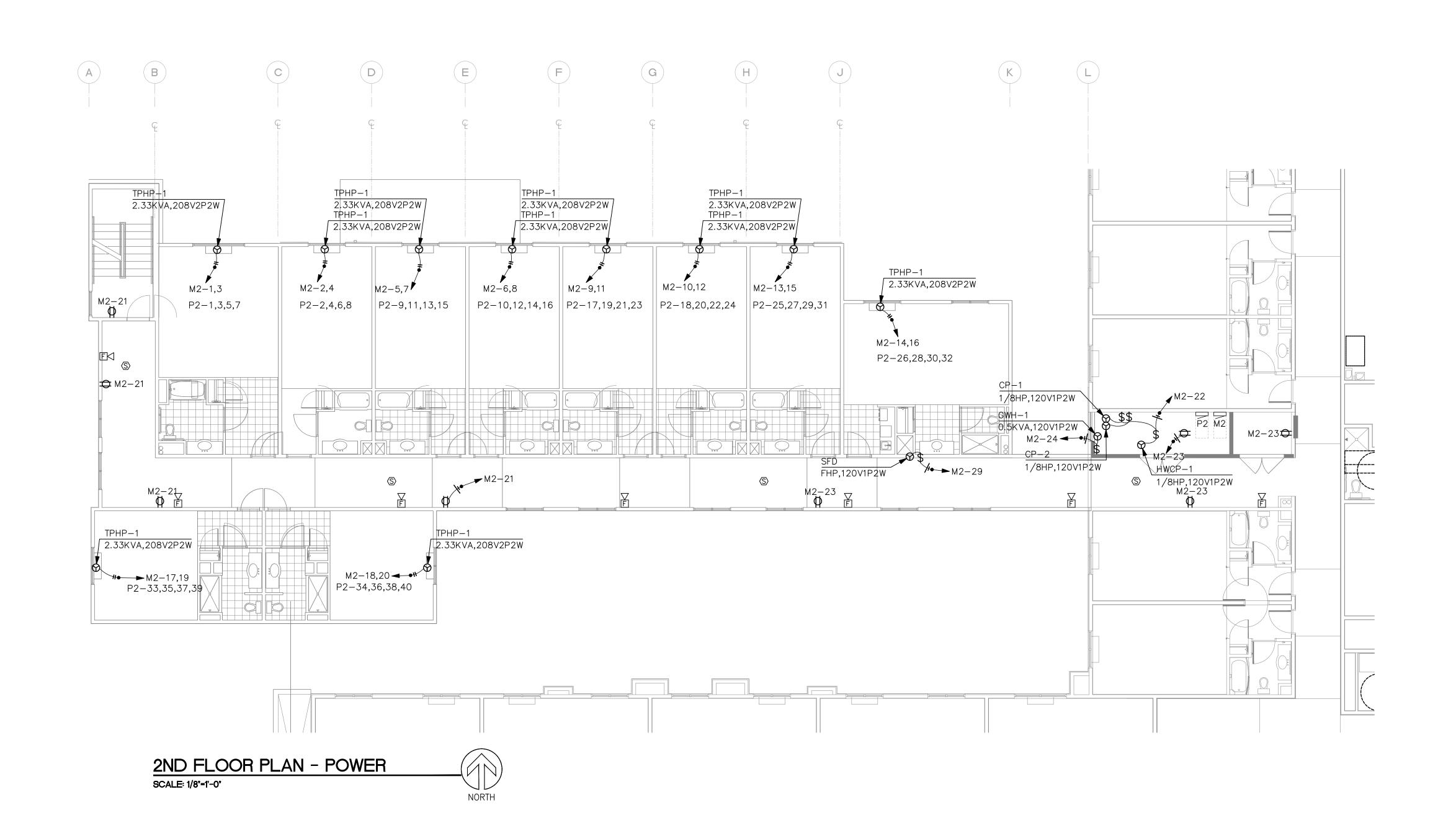
2ND FLOOR

Addition to Hampton Ir Hampton Inn & S 1515 S. Meridian, Puyallu

Job #:
Date: January 6, 2020
Revs:

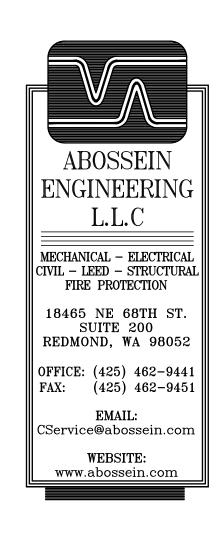
E2.1

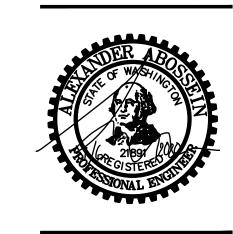












3RD FLOOR POWER

Addition to Hampton Inn & Suit Hampton Inn & Suites 1515 S. Meridian, Puvallup, WA

Job #:
Date: January 6, 2020
Revs:

City of Puyallup
Development & Permitting Services

ISSUED PERMIT

Public Works

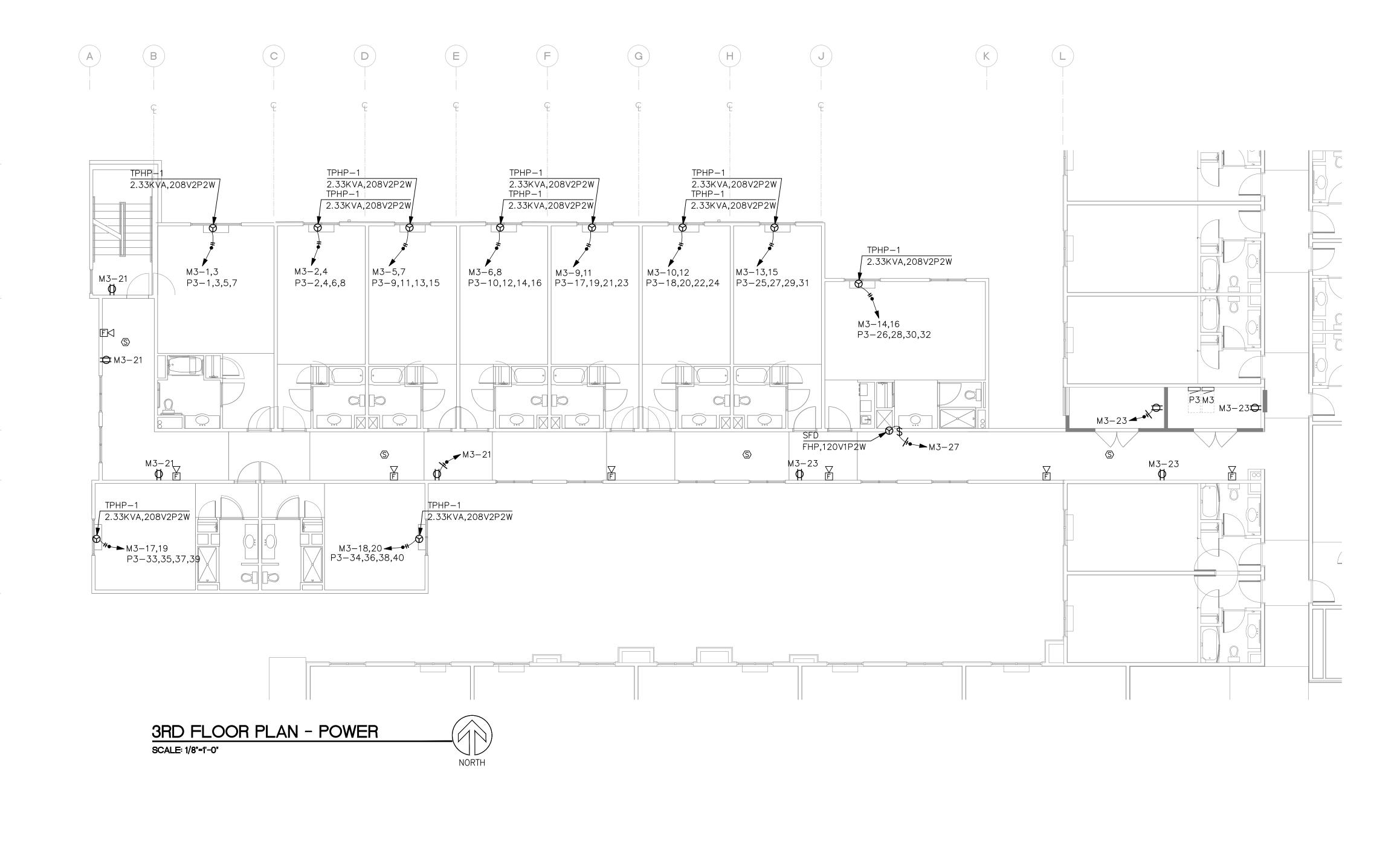
Traffic

Building

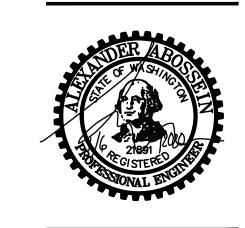
Engineering

Fire

E2.2







S an Inn & Crittee

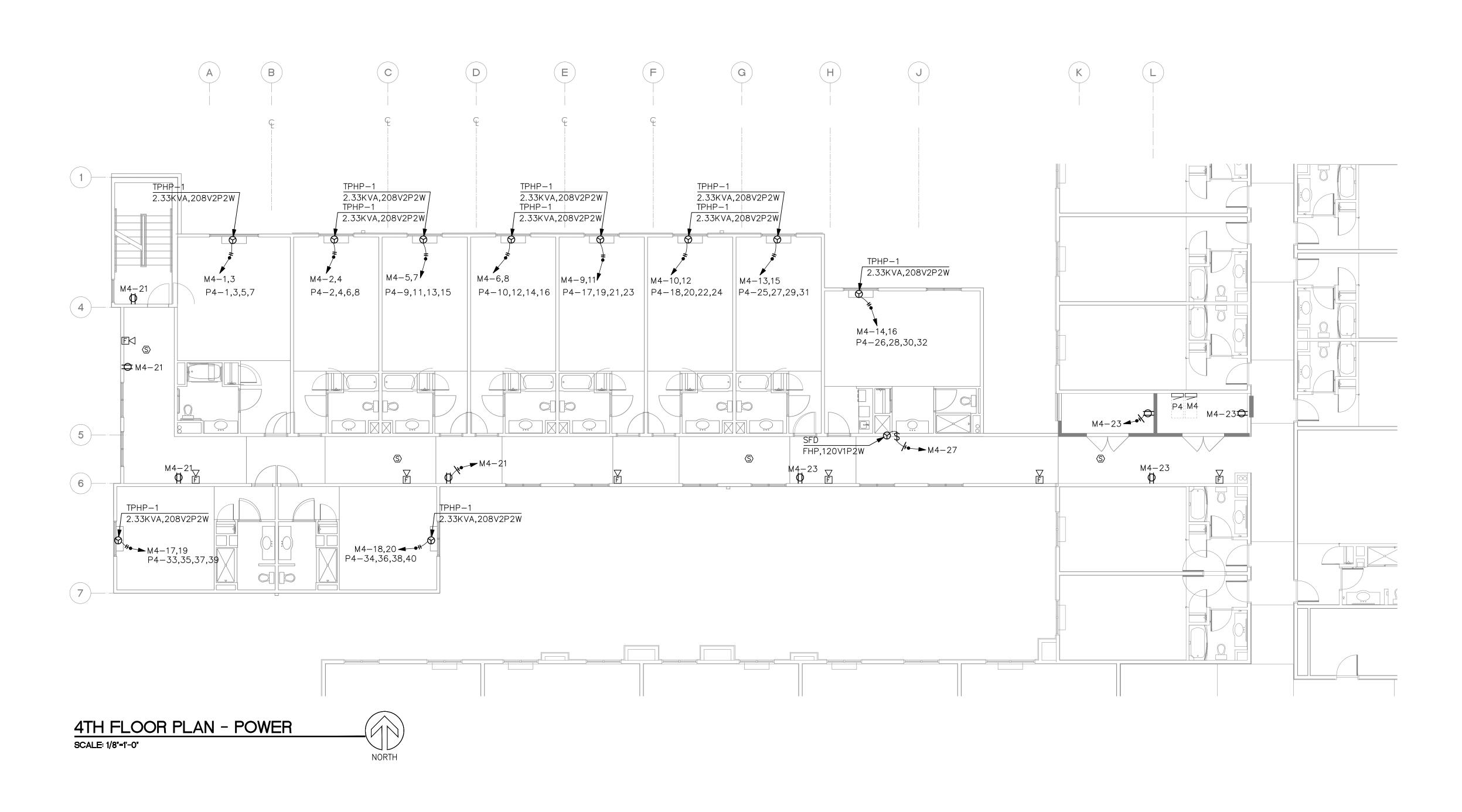
4TH FLOOR POWER

Addition to Hampton Inn & Su Hampton Inn & Suites 1515 S. Meridian, Puyallup, WA

Job #:
Date: January 6, 2020
Revs:

E2.3

PERMIT SET

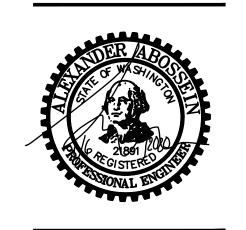


City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building Planning
Engineering Public Works

Fire

Traffic

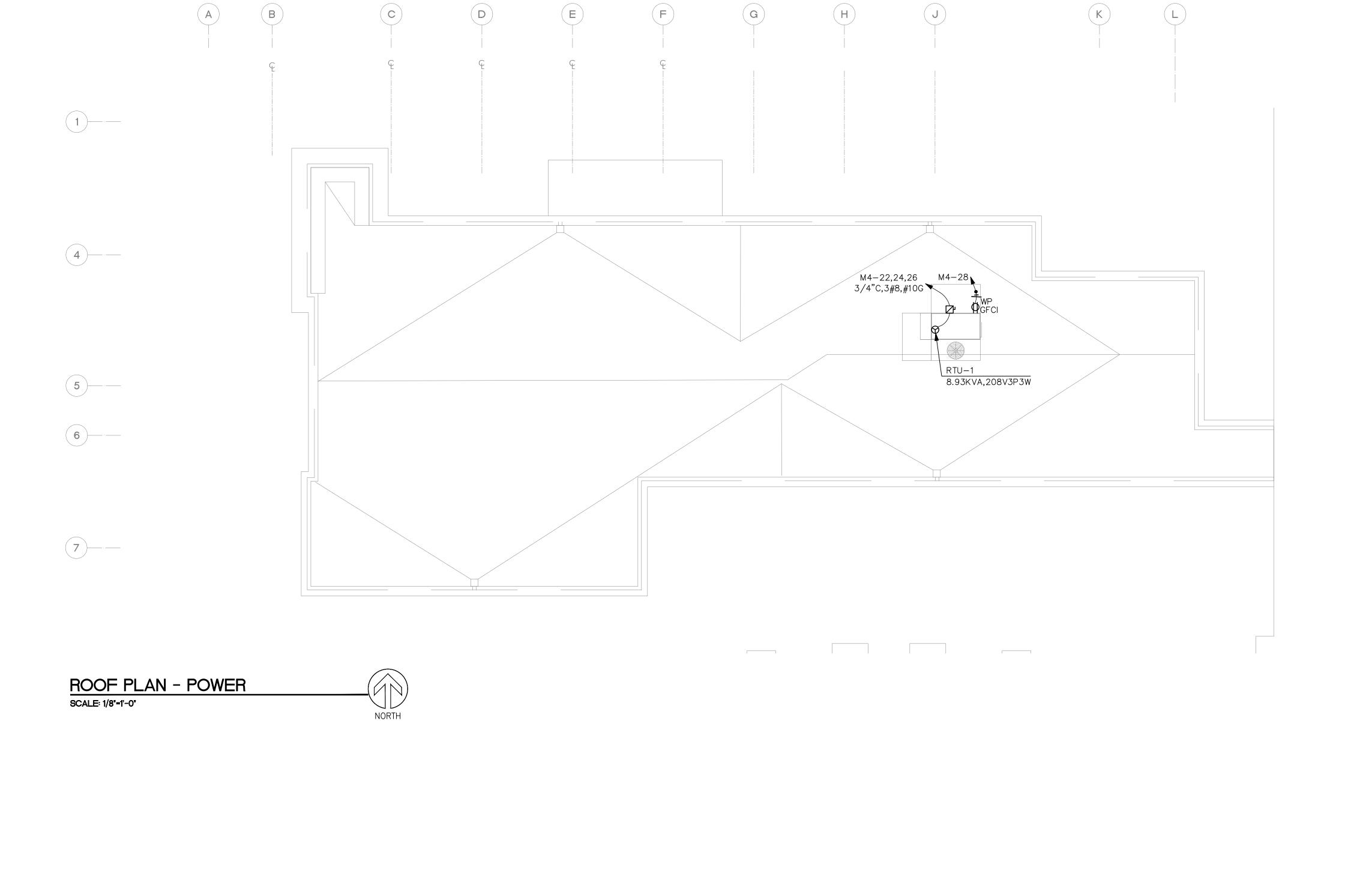




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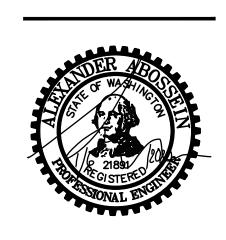
E2.4

PERMIT SET



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



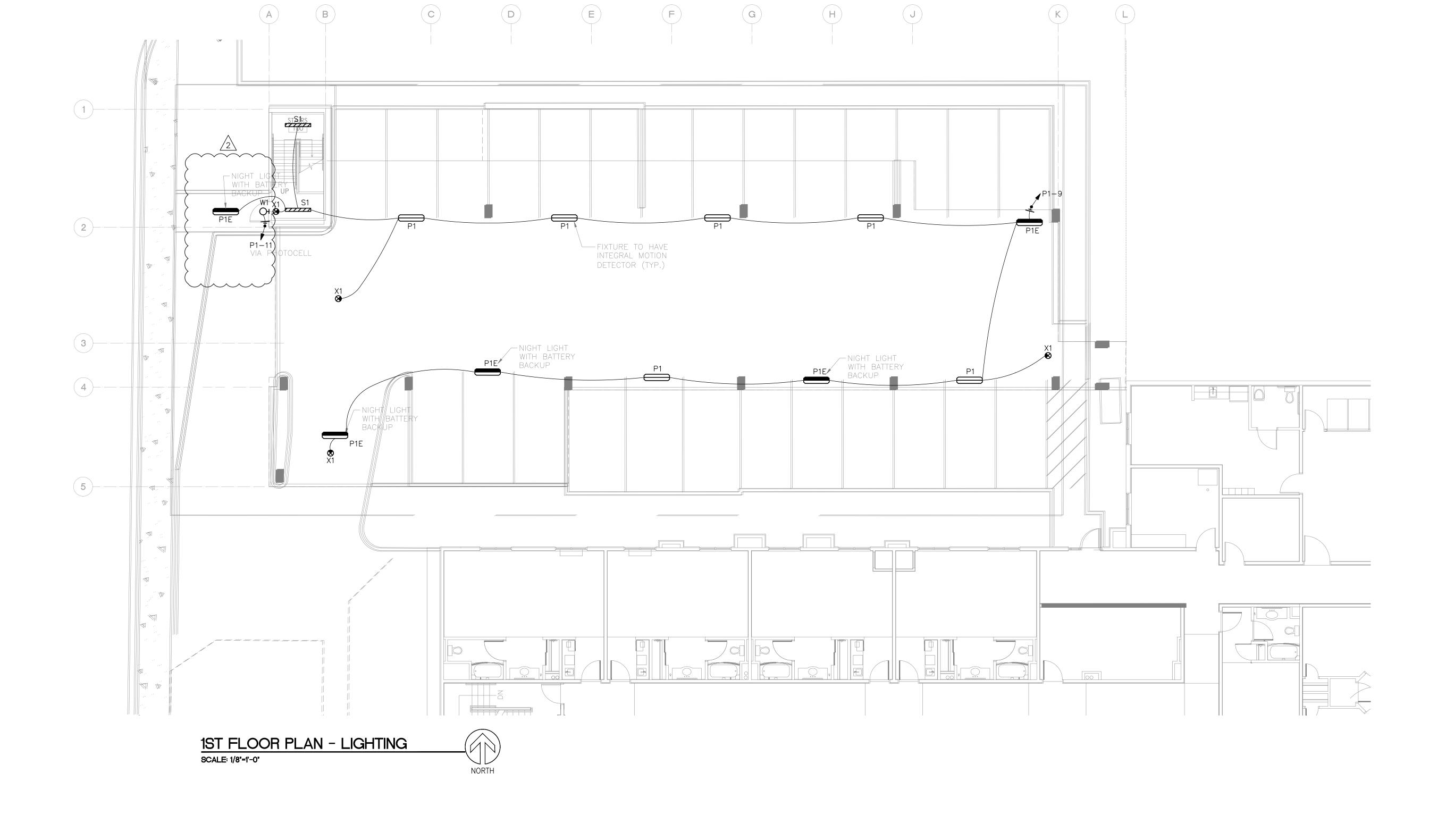


1ST FLOOR LIGHTING

ddition to Hampton Inn & Suites Hampton Inn & Suites 1515 S. Meridian, Puyallup, WA

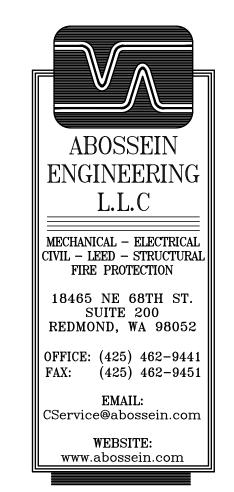
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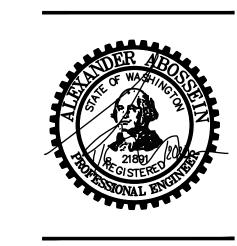
E3.0









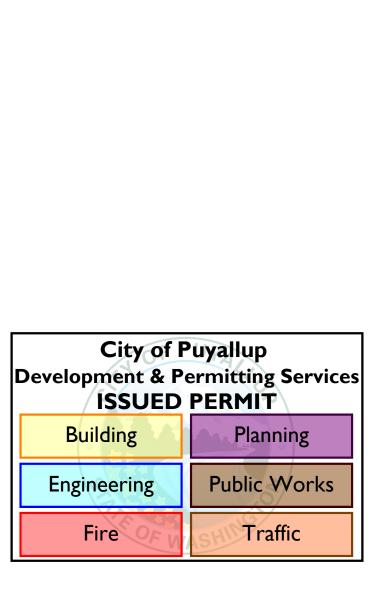


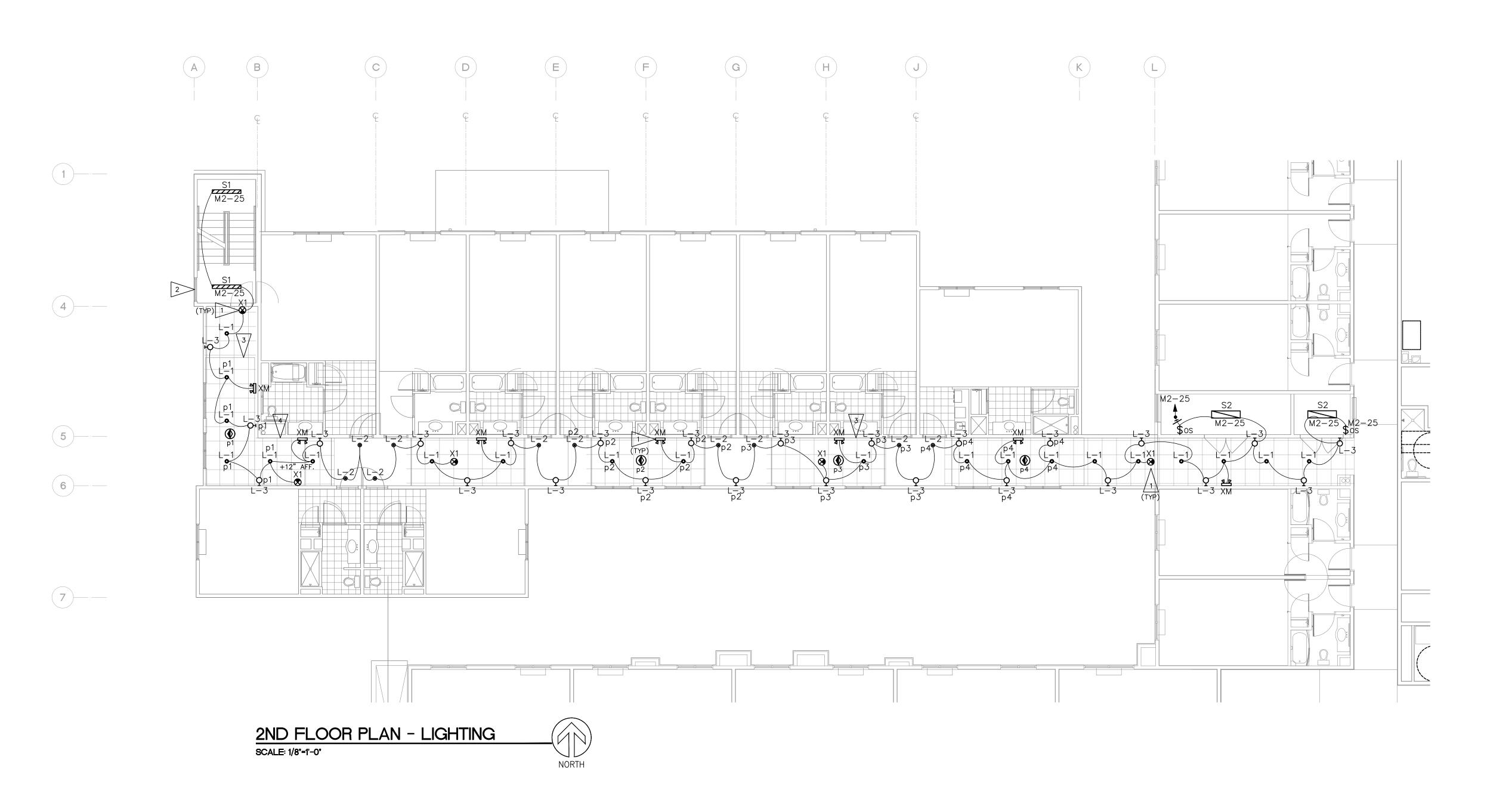


Job #: Date: January 6, 2020 Revs:

E3.

PERMIT SET





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.

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:

. CONNECT EMERGENCY PATHWAY LIGHTS AND EXIT SIGNS TO LOCAL LIGHTING CIRCUIT AHEAD OF ALL SWITCHES AND TIMERS

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



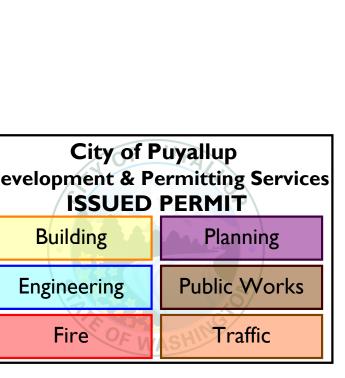


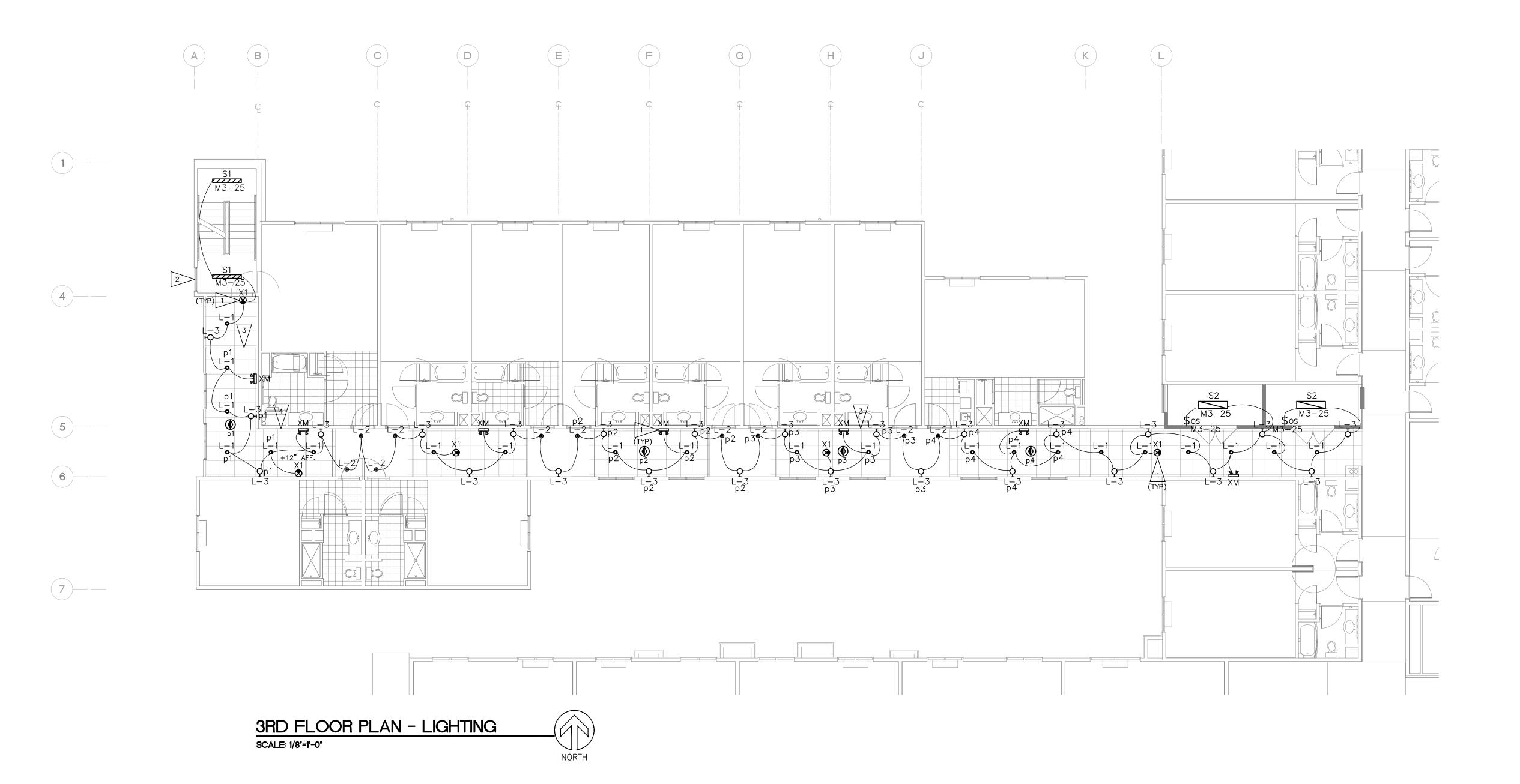
FLOOR LIGHTING

3RD

Job #: Date: January 6, 2020 Revs:

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 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.

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:

. CONNECT EMERGENCY PATHWAY LIGHTS AND EXIT SIGNS TO LOCAL LIGHTING CIRCUIT AHEAD OF ALL SWITCHES AND TIMERS

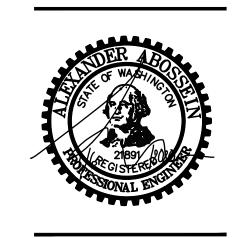
2. DAYLIGHT RESPONSIVE CONTROLS NOT REQUIRED PER WSEC C405.2.4. (LESS THAN THREE LIGHT FIXTURES)

3. PRIMARY DAYLIGHT ZONE DIMENSIONS BASED ON WINDOW

HEIGHT. 4. SECONDARY DAYLIGHT ZONE DIMENSIONS BASED ON WINDOW

Development & Permitting Services



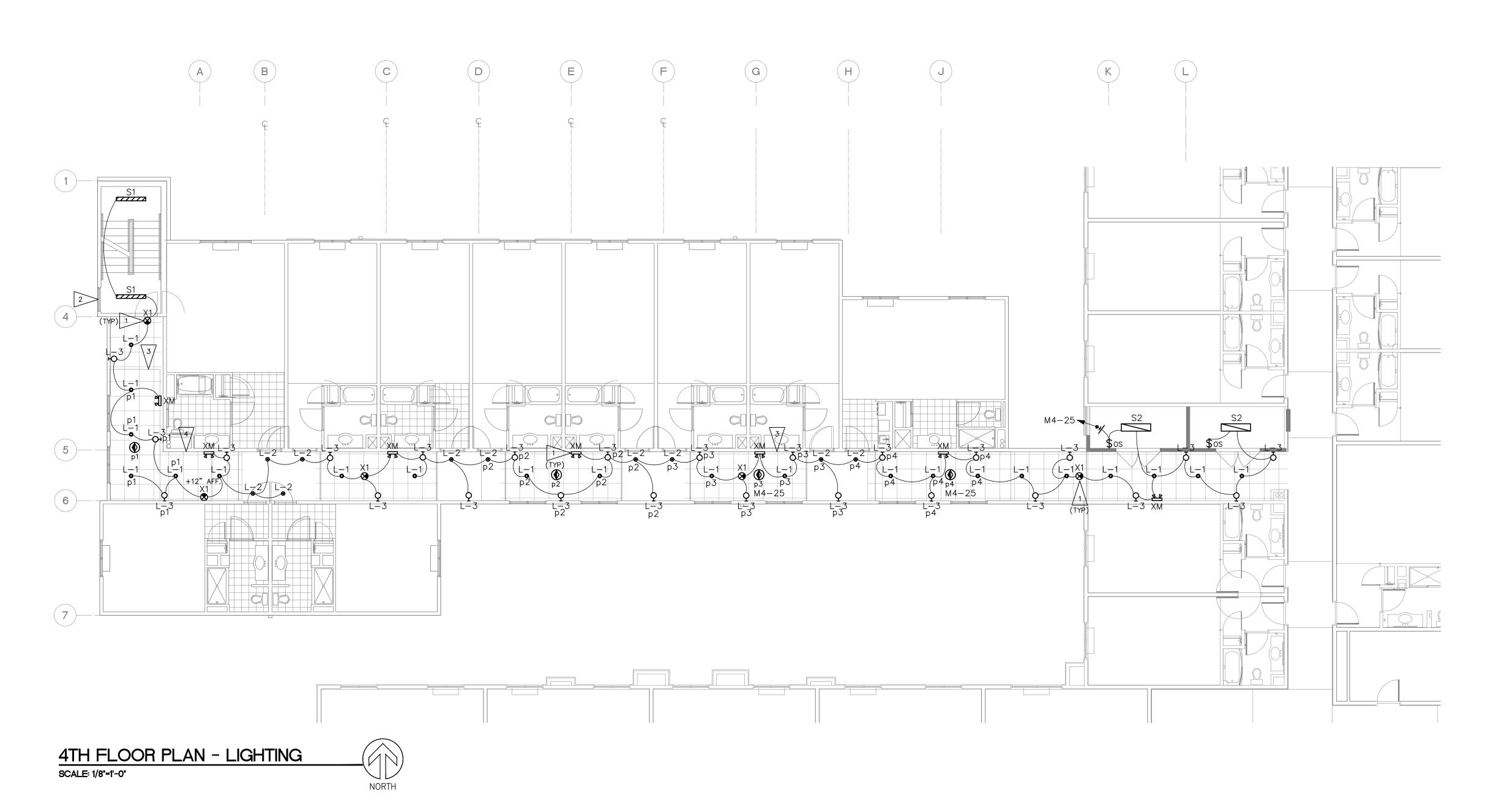


4TH FLOOR LIGHTING

Job #: Date: January 6, 2020 Revs:

E3.3

PERMIT SET



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.

6. THE ELECTRICAL CONTRACTOR SHALL DETERMINE ACTUAL FIXTURE WIRING CONNECTIONS TO CONTRACTOR SELECTED LIGHTING CONTROL SYSTEM. IE: WATTSTOPPER DLM SYSTEM

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:

CONNECT EMERGENCY PATHWAY LIGHTS AND EXIT SIGNS TO LOCAL LIGHTING CIRCUIT AHEAD OF ALL SWITCHES AND TIMERS

2. DAYLIGHT RESPONSIVE CONTROLS NOT REQUIRED PER WSEC C405.2.4. (LESS THAN THREE LIGHT FIXTURES)

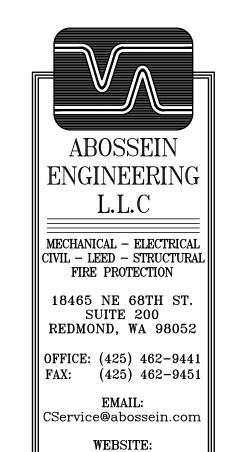
3. PRIMARY DAYLIGHT ZONE DIMENSIONS BASED ON WINDOW

HEIGHT. 4. SECONDARY DAYLIGHT ZONE DIMENSIONS BASED ON WINDOW

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

> > Traffic

Public Works Engineering Fire



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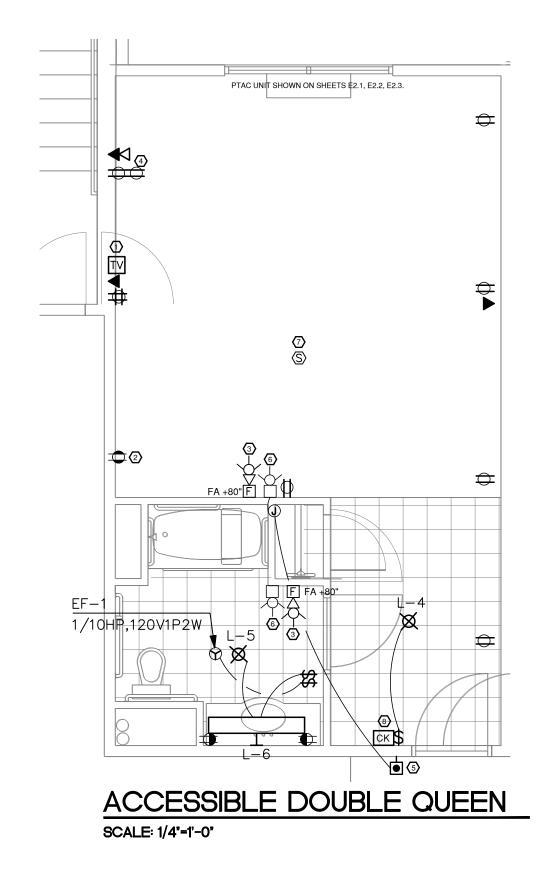
ENLARGED UNIT PLANS
ELECTRICAL
on to Hampton Inn & Suites

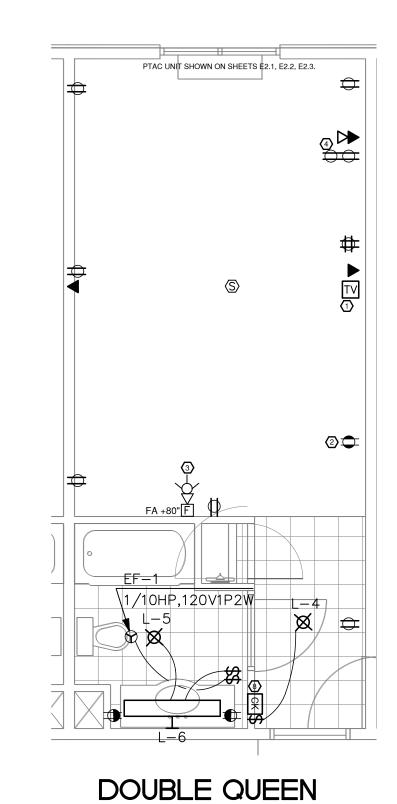
Job #: Date: January 6, 2020

Revs:

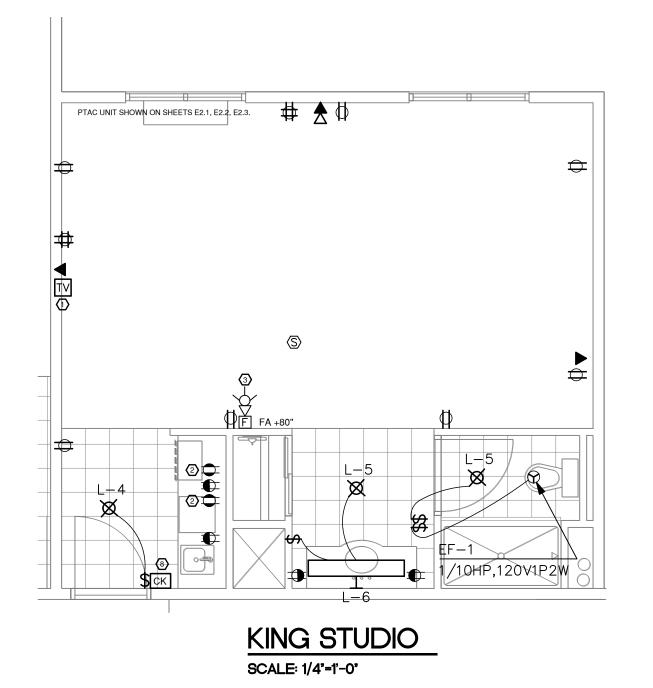
E4.0

PERMIT SET





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

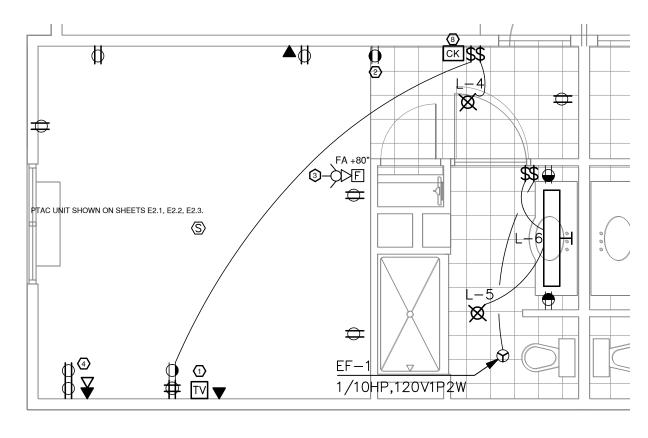


OELECTRICAL KEYED NOTES:

- 1. VERIFY EXACT HEIGHT AND LOCATION WITH ARCHITECT ELEVATIONS FOR T.V.
- 2. DEDICATED CIRCUIT FOR MICRO/REGRIG RECEPTACLE.
- 3. HORN/STROBE ON BUILDING.
- 4. ELECTRICAL OUTLETS ALIGN VERTICALLY.
- 5. HEARING IMPAIRED DOOR BELL AUDIO/VISUAL PER ADA. REFER TO SPECIFICATIONS.
- 6. DOOR BELL WITH STROBE PER ADA.
- 7. FIRE SMOKE DETECTOR WITH HORN/STROBE PER ADA.
- 8. MASTER CAPTIVE KEY SYSTEM TO CONTROL ALL GUESTROOM LIGHTING AND SWITCHED RECEPTACLES. PER EXCEPTION 3 FOR WSEC C405.2.5

ELECTRICALGENERAL NOTES:

- 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, ETC., 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.



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

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building Planning

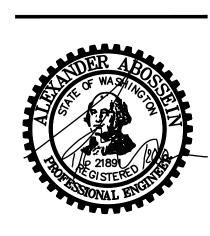
Engineering Public Works

Fire Traffic











POWER RISER I LEVELS

Job #: Date: January 6, 2020 Revs:

City of Puyallup

Development & Permitting Services

ISSUED PERMIT

Planning

Public Works

Traffic

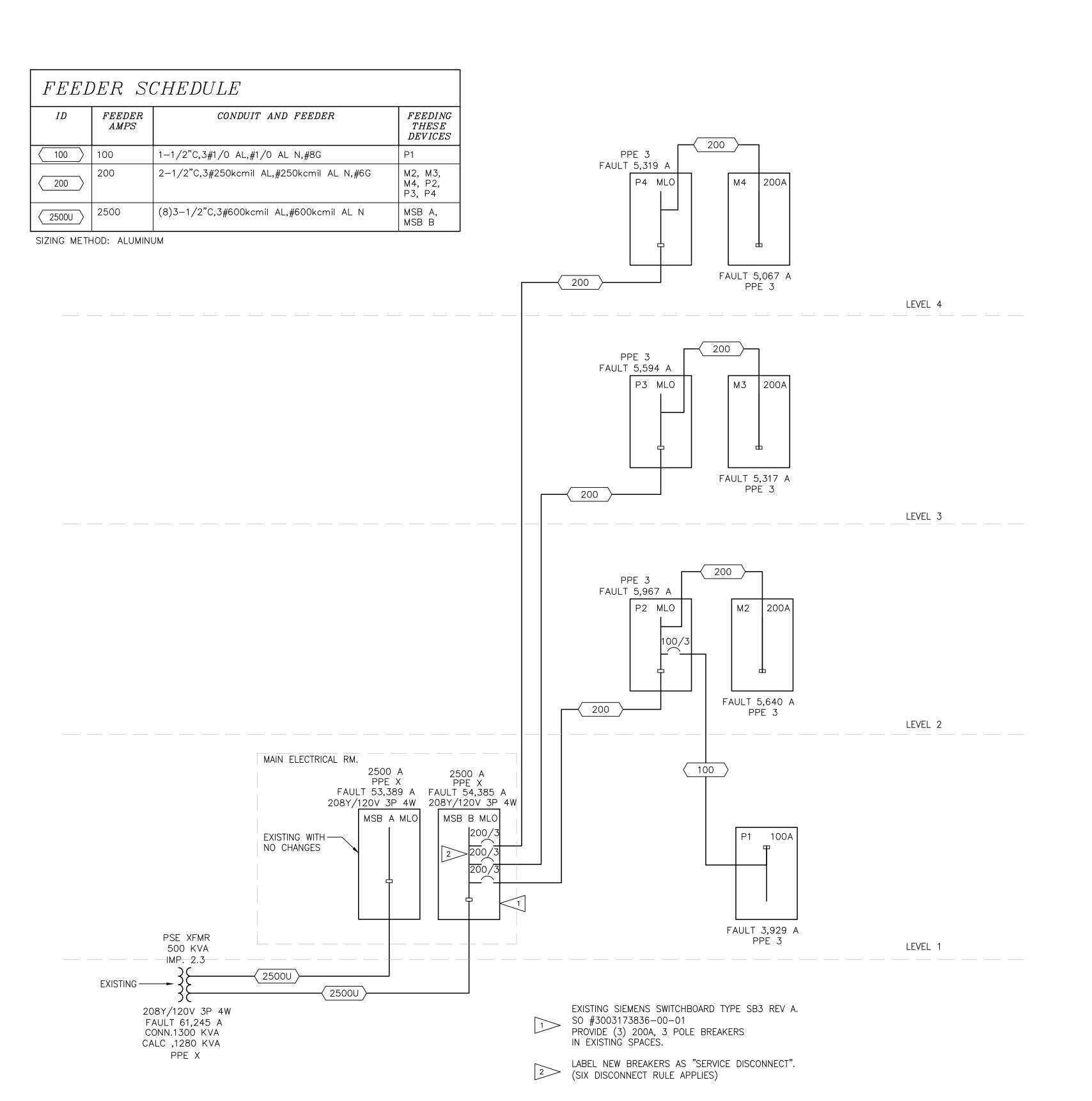
Building

Engineering

Fire

E5.0

PERMIT SET

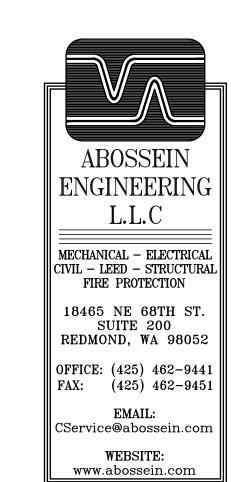


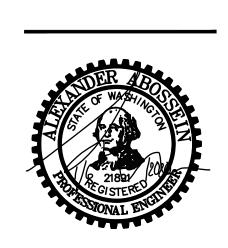
POWER RISER DIAGRAM

SCALE: NONE

12202 Pacific Ave. Suite C Tacoma, Washington 98444 P: 253.531.4300 F: 253.537.6542 E: architects@austincina.com

RESPONSE TO DRT #P-19-0050





SRAM

SRAM

Addition to Hampton In Hampton In R. St.

Job #: Date: Revs:

City of Puyallup

Development & Permitting Services

ISSUED PERMIT

Planning

Public Works

Traffic

Building

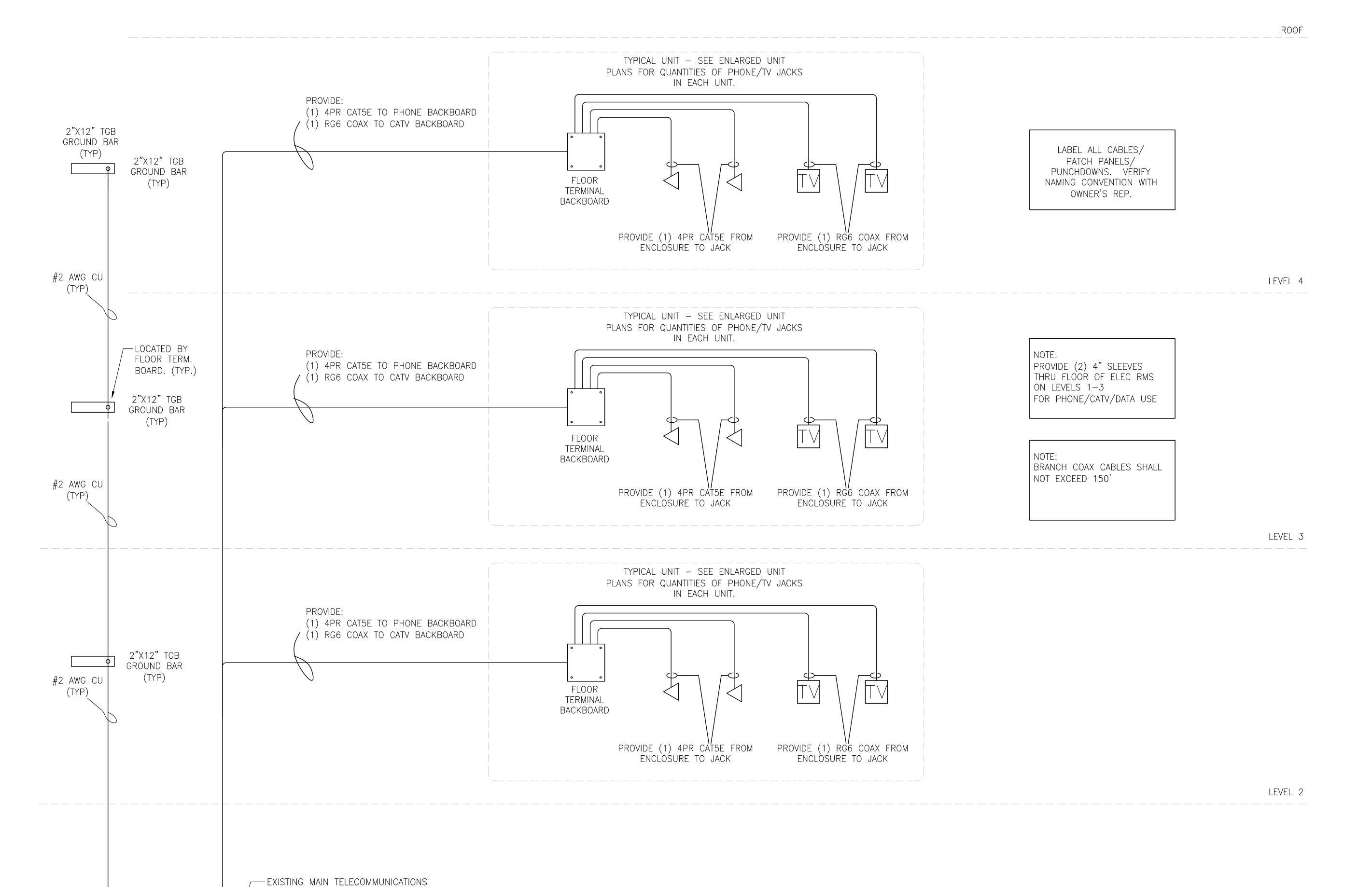
Engineering

Fire

E5.1

January 6, 2020

PERMIT SET



BACKBOARD

MAIN TELEPHONE/ CATV BACKBOARD

4X8 PLYWOOD

2"X12" TGB

GROUND BAR (TYP)

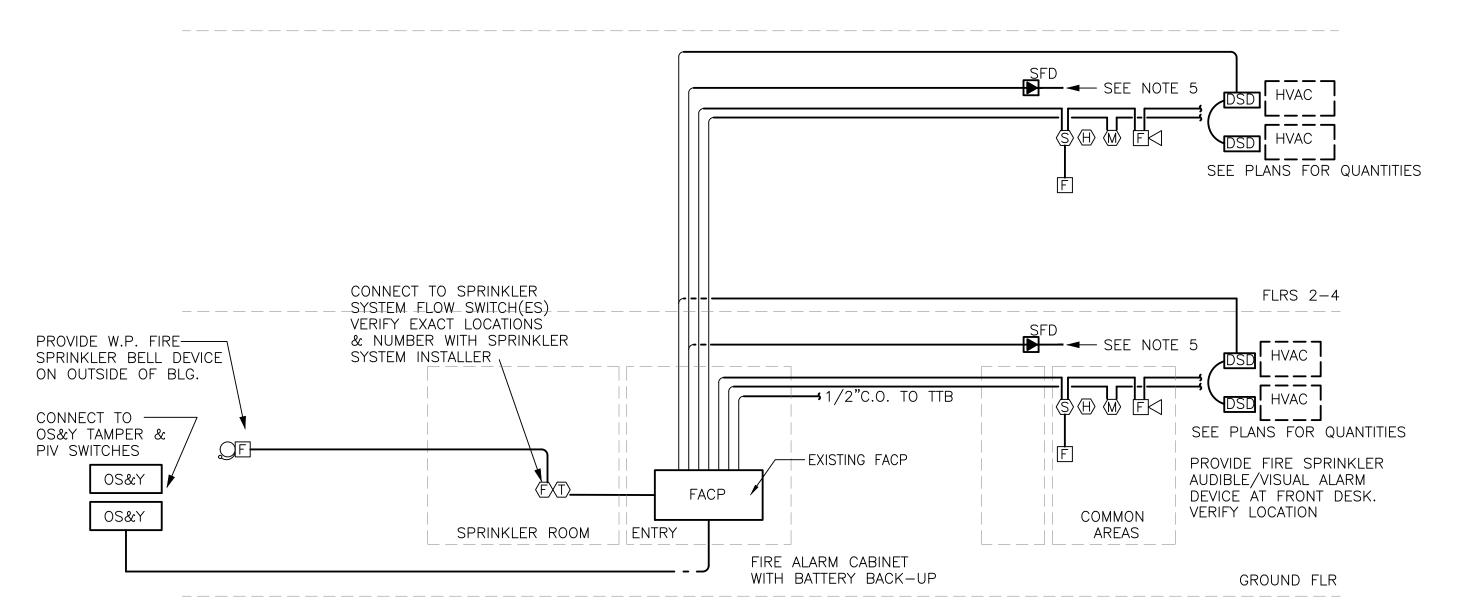
TO MAIN BUILDING

GROUND

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.
- 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



12202 Pacific Ave. Suite C Tacoma, Washington 98444 P: 253.531.4300 F: 253.537.6542 E: architects@austincina.com

RESPONSE TO DRT #P-19-0050





FIRE ALARM RISER DIAGRAM
AND NOTES
Idition to Hampton Inn & Suites

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building Planning

Engineering Public Works

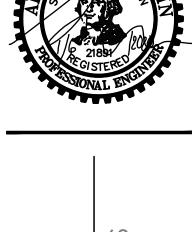
Fire Traffic

Job #:
Date: January 6, 2020
Revs:

E5.2







n to Hampton Inn & Suite ampton Inn & Suites 15 S. Meridian, Puvallup, WA

Job #:
Date: January 6, 2020
Revs:

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Planning

Public Works

Traffic

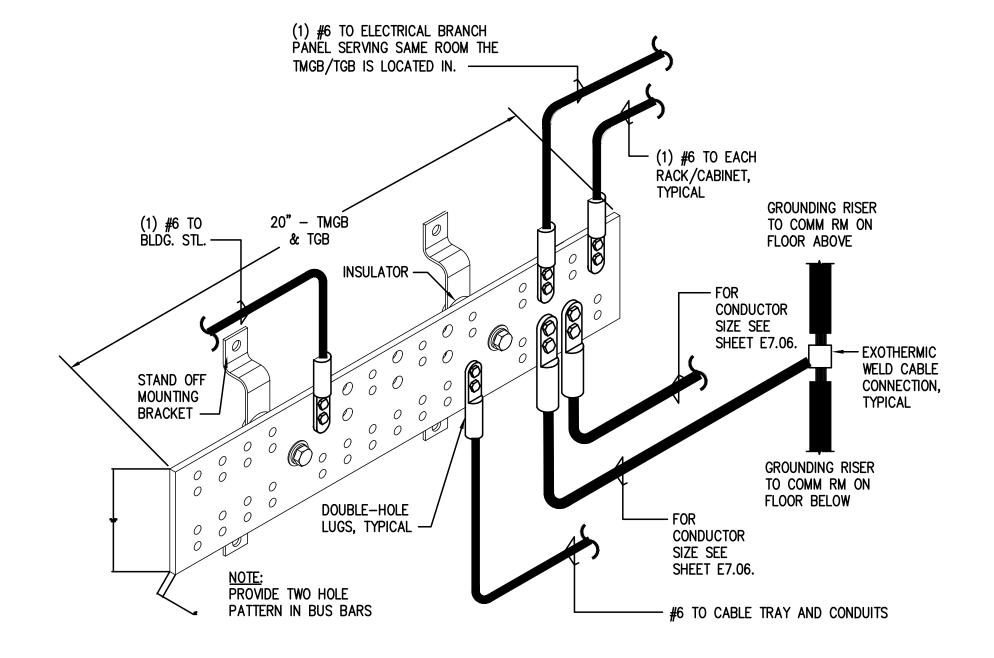
Building

Engineering

Fire

E6.0

PERMIT SET







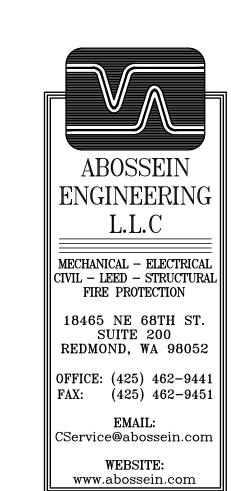
QUAD RECEPT.

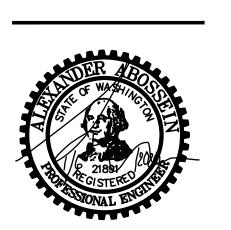
TEL CKT

4" CONDUIT TO MAIN BUILDING
BACKBOARD

A

E6.0





SCHEDULES

Job #: Date:

PANEL

HEATING

COOLING

TOTAL LOAD BALANCED 3—PH

(50%, 40%>20, 30%>100) (2 VA/SF) (25%)

CONN KVA CALC KVA

2.92

2.92 2.33

1.46

1,460 SF 0.582

HOTEL OR MOTEL LIGHTING

AREA LARGEST MOTOR

TOTAL CONNECTED KVA BY PHASE | 10.1 | 9.47 | 8.31

23.3 ISSUED PERMITS

Planning

Public Works

Traffic

CONN KVA CALC KVA

MOTORS
RECEPTACLES
NONCONTINUOUS

1.5 City of Puyall(190%)
0.72 (50%>10)
Development & Permitting Services

Building

Engineering

Fire

January 6, 2020 Revs:

E7.0 PERMIT SET

FMR	MSB A			P2	
PRIMARY VOLTS 12.47kV 3P 3W AIC 65,000 SECONDARY VOLTS 208Y/120V 3P 4W KVA 500 LOAD KVA	ROOM MOUNTING FLUSH FED FROM PSE XFMR	VOLTS 208Y/120V 3P 4W BUS AMPS 2500 NEUTRAL 100%	AIC 65,000 MAIN BKR MLO LUGS STANDARD	ROOM 2ND FLOOR ELEC ROOM MOUNTING FLUSH FED FROM MSB B NOTE	VOLTS 208Y/120V 3P 4W AIC 22,000 BUS AMPS 200 MAIN BKR MLO NEUTRAL 100% LUGS DOUBLE
SWITCHBOARD MSB A 154 1	CKT # TRIP/POLES CIRCUIT DESCRIPTION 1 20/3 SPACE 2 20/3 SPACE 3 20/3 SPACE 5 20/3 SPACE 6 20/3 SPACE	C C C C C C C C C C	CIRCUIT DESCRIPTION SPACE	CKT	C KVA (50%, 40%>20, MOTORS 30%>1.5 1.5 (100%) 30%>100) RECEPTACLES 2.42 2.42 (50%>10) SF (2 VA/SF) CONTINUOUS 12.5 15.6 (125%) NONCONTINUOUS 13.5 13.5 (100%) COOLING 23.3 0 (0%)
	47 20/1 SPACE	0 0 50 20/1 52 20/1 0 54 20/1 56 20/1 58 20/1 58 20/1 0 60 20/1 CC KVA 33 (125%) TOTAL LOAD BALANCED 3	SPACE SPACE SPACE SPACE SPACE SPACE SPACE SPACE TAL CONNECTED KVA BY PHASE 6.24 CALC KVA 16.4 -PHASE AMPS 45.4	0 0 0 ROOM 2ND FLOOR ELEC ROOM 3.72 3.12 FED FROM P2 NOTE CKT CKT BKR CIRCUIT DESCRIPTION 1 20/2 GUEST ROOM 260 TPHP-1 3 5 20/2 GUEST ROOM 258 TPHP-1 7 9 20/2 GUEST ROOM 256 TPHP-1 11 13 20/2 GUEST ROOM 256 TPHP-1 11 13 20/2 GUEST ROOM 251 TPHP-1 11 13 20/2 GUEST ROOM 251 TPHP-1 11 13 20/2 GUEST ROOM 251 TPHP-1 15 17 20/2 GUEST ROOM 251 TPHP-1 19 21 20/1 FLOOR 2 STAIRS, CORRIDOR RECEPTACLE 23 20/1 FLOOR 2 STORAGE, CORRIDOR RECEPTACLE 25 20/1 FLOOR 2 STAIRS, STORAGE, CORRIDOR EM, LIGHTING 27 20/1 FLOOR 2 STAIRS, STORAGE, CORRIDOR EM, LIGHTING 27 20/1 FLOOR 2 STAIRS RECEPTACL 29 20/1 FLOOR 2 STDRAGE STD 31 20/1 SPACE 33 20/1 SPACE 33 20/1 SPACE 33 20/1 SPACE 37 20/1 SPACE 39 20/1 SPACE	TOTAL LOAD BALANCED 3-PHASE AMPS 175 VOLTS 208Y/120V 3P 4W BUS AMPS 200 NEUTRAL 100% LOAD KVA A B C # BKR CIRCUIT DESCRIPTION A B C 1.16 1.16 4 1.16 6 20/2 GUEST ROOM 257 TPHP-1 1.16 1.16 1.16 1.16 1.16 1.16 1.16 1.16 1.16

FED FROM UTILITY

CKT BREAKER

-/3

HOTEL OR MOTEL

LARGEST MOTOR

MOUNTING FLUSH

CKT BREAKER

FED FROM PSE XFMR

200/3

200/3

200/3

20/3

20/3

20/3

HOTEL OR MOTEL

LARGEST MOTOR

LIGHTING

LIGHTING

MOTORS

| TRIP/POLES | CIRCUIT DESCRIPTION

LIGHTING

LIGHTING

MOTORS

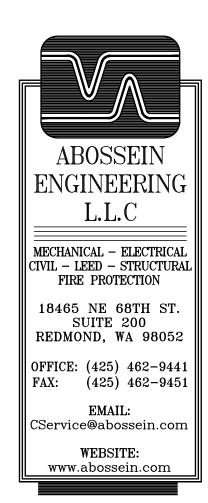
ROOM

NOTE

-/3

TRIP/POLES CIRCUIT DESCRIPTION

NOTE





PANEL SCHEDULES

ddition to Hampton Inn & Suites Hampton Inn & Suites

Job #: Date: January 6, 2020 Revs:

E7.1

PERMIT SET

1.16
1.16
1.16
2.98

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

D 3												P4	-											
OOM 3RD FLOOR ELEC OUNTING FLUSH ED FROM MSB B	ROOM	VOLTS : BUS AMI NEUTRAL	PS 200)	4W		AIC 22,000 MAIN BKR M LUGS DOUBL	MLO				MOUNT	4TH FLOOR E ING FLUSH ROM MSB B	ELEC ROOM	VOLTS 2 BUS AMF NEUTRAL	PS 200		4W		AIC 22,00 MAIN BKR LUGS DOU	MLO			
CKT CKT # BKR CIRCUIT DE	SCRIPTION	L	OAD KV	1	CKT	CKT BKR	CIRCUIT DESCRIPTION		L	OAD KVA			CKT BKR CIRCU	JIT DESCRIPTION	L	OAD KVA		CKT	CKT BKR	CIRCUIT DESCRIPTION	ON	L(OAD KV	
1 20/1 GUEST ROO		1.7	В	С	2	20/1	GUEST ROOM 358	V	1.7	В	С	1		ST ROOM 453	1.7	В	С	2	20/1	GUEST ROOM 458		1.7	В	
RECEPTACL 3 20/1 GUEST ROC	ES		1.3		4	20/1	RECEPTACLES GUEST ROOM 358			1.3			´ RECEF	PTACLES ST ROOM 453		1.3		4	20/1	RECEPTACLES GUEST ROOM 458			1.3	
MICROWAVE				0.5		20/1	MICROWAVE/REFRIG	ICHTS			0.5		, MICRO	OWAVE/REFRIG ST ROOM 453 LIGHTS			0.5	6	20/1	MICROWAVE/REFRICE GUEST ROOM 458	G			
	M 353 BATH	0.4		0.5	8	20/1	GUEST ROOM 358 BA		0.4		0.5		20/1 GUES	ST ROOM 453 BATH PTACLES	0.4		0.5	8	20/1	GUEST ROOM 458 RECEPTACLES		0.4		
9 20/1 GUEST ROC RECEPTACL)M 354		1.7		10	20/1	GUEST ROOM 359 RECEPTACLES			1.7		9	20/1 GUES	ST ROOM 454 PTACLES		1.7		10	20/1	GUEST ROOM 459 RECEPTACLES			1.7	
1 20/1 GUEST ROC)M 354			1.3	12	20/1	GUEST ROOM 359				1.3	11	20/1 GUES	ST ROOM 454			1.3	12	20/1	GUEST ROOM 459				
1 ' 1)M 354 LIGHTS	0.5			14	20/1	MICROWAVE/REFRIG GUEST ROOM 359 LI		0.5			l l	20/1 GUES	OWAVE/REFRIG ST ROOM 454 LIGHTS	0.5			14	20/1	MICROWAVE/REFRIC	LIGHTS	0.5		
/ RECEPTACL			0.4		16	20/1	GUEST ROOM 359 BARECEPTACLES	BATH		0.4			´ RECEF	ST ROOM 454 BATH PTACLES		0.4		16	20/1	GUEST ROOM 459 RECEPTACLES			0.4	
7 20/1 GUEST ROC RECEPTACL	ES			1.7	18	20/1	GUEST ROOM 360 RECEPTACLES				1.7		´ RECEF	ST ROOM 455 PTACLES			1.7	18	20/1	GUEST ROOM 460 RECEPTACLES				
9 20/1 GUEST ROC MICROWAVE		1.3			20	20/1	GUEST ROOM 360 MICROWAVE/REFRIG		1.3			19	, 1	ST ROOM 455 OWAVE/REFRIG	1.3			20	20/1	GUEST ROOM 460 MICROWAVE/REFRIC		1.3		
1 '	DM 355 LIGHTS DM 355 BATH		0.5	0.4	22 24	20/1 20/1	GUEST ROOM 360 LIGGUEST ROOM 360 BA			0.5	0.4		′ 1	ST ROOM 455 LIGHTS ST ROOM 455 BATH		0.5	0.4	22 24	20/1 20/1	GUEST ROOM 460 GUEST ROOM 460			0.5	
RECEPTACL 5 20/1 GUEST ROC	ES	1.7			26	20/1	RECEPTACLES GUEST ROOM 361		1.7				´ RECEF	PTACLES ST ROOM 456	1.7			26	20/1	RECEPTACLES GUEST ROOM 461		1.7		
RECEPTACL 7 20/1 GUEST ROC	ES		1.3		28	20/1	RECEPTACLES GUEST ROOM 361			1.3			´ RECEF	PTACLES ST ROOM 456		1.3		28	20/1	RECEPTACLES GUEST ROOM 461			1.3	
MICROWAVE			1.0	0.5	30	20/1	MICROWAVE/REFRIG				0.5		, MICRO	OWAVE/REFRIG ST ROOM 456 LIGHTS			0.5	30	20/1	MICROWAVE/REFRICE GUEST ROOM 461			1.0	
1 20/1 GUEST ROC	M 356 BATH	0.4		0.5	32	20/1	GUEST ROOM 361 BA		0.4		0.5	l l	20/1 GUES	ST ROOM 456 BATH PTACLES	0.4		0.5	32	20/1	GUEST ROOM 461		0.4		
RECEPTACL 3 20/1 GUEST ROC)M 357		1.7		34	20/1	GUEST ROOM 362			1.7		33	20/1 GUES	ST ROOM 457		1.7		34	20/1	RECEPTACLES GUEST ROOM 462 RECEPTACLES			1.7	
RECEPTACL 5 20/1 GUEST ROC	M 357			1.3	36	20/1	RECEPTACLES GUEST ROOM 362				1.3	35	20/1 GUES	PTACLES ST ROOM 457			1.3	36	20/1	RECEPTACLES GUEST ROOM 462				
· ')M 357 LIGHTS	0.5			38	20/1	MICROWAVE/REFRIG GUEST ROOM 362 LI		0.5				20/1 GUES	OWAVE/REFRIG ST ROOM 457 LIGHTS	0.5			38	20/1	MICROWAVE/REFRIC	LIGHTS	0.5		
9 20/1 GUEST ROC RECEPTACL	DM 357 BATH ES		0.4		40	20/1	GUEST ROOM 362 BARECEPTACLES	BATH		0.4		39		ST ROOM 457 BATH PTACLES		0.4		40	20/1	GUEST ROOM 462 RECEPTACLES	BATH		0.4	
20/1 SPACE	S LOAD: PANEL M3	3 10.1	7.81	7.71	42	20/1	SPACE TAL CONNECTED KVA	511 5111 65	23.1	22.4	0	41	20/1 SPAC	LUG LOAD: PANEL M4	- 13.1	11	0 10.7	42	,	SPACE TAL CONNECTED KV		26.1	25.6	
HOTEL OR MOTEL 1 LIGHTING 1	0.7 5.35 0.7 5,350 SF 2.33 0.582	(50 30) F (2	0%, 40% %>100) va/sf) 5%)	;>20,	HEATI COOLI	ONTINUC ING ING	0.1	0.1 13 23.3 0 42.3	(100 (100 (100 (100 (0%))%))%)		LIGH ARI	L OR MOTEL ITING EA EST MOTOR	CONN KVA CALC 10.7 5.35 10.7 5,350 S 8.93 2.23	 (50 309	0%, 40%> %>100) va/sf) 5%)	>20,		PTACLES ONTINUO NG	0.1 0.18	O.1 0.18 13 32.2 0	— (100	, %>10) %) %)	
HOTEL OR MOTEL 1 LIGHTING 1 AREA 1 LARGEST MOTOR 2	0.7 5.35 0.7 5,350 SF	(50 30) F (2	%>100) VA/SF)	;>20,	NONC HEATI COOLI TOTAL	CONTINUC ING ING L LOAD	0.1 0US 13 23.3	0.1 13 23.3	(100 (100 (100)%))%)		LIGH ARI	ITING Ea	10.7 5.35 10.7 5,350 S	(50 309 (2)	%>100) va/sf)	>20,	RECEI NONC HEATI COOLI TOTAI	PTACLES ONTINUO NG ING _ LOAD	0.1 0.18 US 13 32.2	0.1 0.18 13 32.2	(100 (50% (100 (100	, %>10) %) %)	
HOTEL OR MOTEL LIGHTING AREA 1 LARGEST MOTOR	0.7 5.35 0.7 5,350 SF 2.33 0.582	(50 30) F (2 (25	%>100) va/sf) 5%)		NONC HEATI COOLI TOTAL BALAI	CONTINUC ING ING L LOAD	0.1 0.1 23.3 23.3 -PHASE AMPS	0.1 13 23.3 0 42.3 117	(100 (100 (100)%))%)		LIGH ARI LARG	ITING EA EST MOTOR	10.7 5.35 10.7 5,350 S	(50 309 (2)	%>100) va/sf)	>20,	RECEI NONC HEATI COOLI TOTAI	PTACLES ONTINUO NG ING _ LOAD	0.1 0.18 13 32.2 32.2	0.1 0.18 13 32.2 0	(100 (50% (100 (100	, %>10) %) %)	
HOTEL OR MOTEL LIGHTING AREA LARGEST MOTOR DOM JRD FLOOR ELEC DUNTING FLUSH ED FROM P3	0.7 5.35 0.7 5,350 SF 2.33 0.582	(50 30) F (2	%>100) VA/SF) 5%) 208Y/12	20V 3P	NONC HEATI COOLI TOTAL BALAI	CONTINUC ING ING L LOAD	0.1 0US 13 23.3 23.3	0.1 13 23.3 0 42.3 117	(100 (100 (100)%))%)		LIGH ARI LARG	ITING EA EST MOTOR	10.7 5.35 10.7 5,350 Si 8.93 2.23	(50 309 (2)	%>100) VA/SF) 5%) 208Y/12 PS 200	0V 3P	RECEI NONC HEATI COOLI TOTAI BALAI	PTACLES ONTINUO NG ING _ LOAD	0.1 0.18 13 32.2 32.2	0.1 0.18 13 32.2 0 53.1 147	(100 (50% (100 (100	, %>10) %) %)	_
OTEL OR MOTEL LIGHTING AREA ARGEST MOTOR OM 3RD FLOOR ELEC OUNTING FLUSH D FROM P3 OTE	0.7 5.35 0.7 5,350 SF 2.33 0.582	VOLTS BUS AME	%>100) VA/SF) 5%) 208Y/12 PS 200 L 100%	20V 3P	NONC HEATI COOLI TOTAL BALAI	CONTINUC ING ING L LOAD	0.1 0.1 23.3 23.3 23.3 -PHASE AMPS AIC 22,000 MAIN BKR M	0.1 13 23.3 0 42.3 117	(100 (100 (100 (100 (0%)	0%) 0%)) OAD KV/	4	LIGH ARI LARG ROOM MOUNT FED FF NOTE	ITING EA EST MOTOR 4TH FLOOR EING FLUSH ROM P4	10.7 5.35 10.7 5,350 Si 8.93 2.23	VOLTS 2 BUS AMF NEUTRAL	%>100) va/sf) 5%) 208Y/12 PS 200 100%	0V 3P	RECEI NONC HEATI COOLI TOTAI BALAI	PTACLES ONTINUO NG ING LOAD NCED 3-	0.1 0.18 JS 13 32.2 32.2 PHASE AMPS AIC 22,00 MAIN BKR	0.1 0.18 13 32.2 0 53.1 147	(100 (50% (100 (100 (0%)	%) %) %)	
HOTEL OR MOTEL LIGHTING AREA ARGEST MOTOR DOM JRD FLOOR ELEC DUNTING FLUSH D FROM P3 DTE TOTAL CIT CKT BKR CIRCUIT DE	0.7 5.35 0.7 5,350 SF 2.33 0.582	VOLTS BUS AME	%>100) VA/SF) 5%) 208Y/12 PS 200 L 100% OAD KV	20V 3P	NONC HEATI COOLI TOTAL BALAI	CKT	O.1 OUS 13 23.3 23.3 -PHASE AMPS AIC 22,000 MAIN BKR M LUGS STAND	0.1 13 23.3 0 42.3 117	(100 (100 (100 (100 (0%)	0%) 0%) 0 OAD KVA	4	ROOM MOUNT FED FENOTE CKT #	ITING EA EST MOTOR 4TH FLOOR ETING FLUSH ROM P4 CKT BKR CIRCU	10.7 5.35 10.7 5,350 SI 8.93 2.23 ELEC ROOM	VOLTS 2 BUS AMF NEUTRAL	%>100) VA/SF) 5%) 208Y/12 PS 200	0V 3P	RECEI NONC HEATI COOLI TOTAI BALAI	PTACLES ONTINUO NG ING LOAD NCED 3-	O.1 O.18 JS 13 32.2 32.2 PHASE AMPS AIC 22,00 MAIN BKR LUGS STA CIRCUIT DESCRIPTION	0.1 0.18 13 32.2 0 53.1 147 00 MLO NDARD	(100 (50% (100 (100 (0%)	, %>10) %) %)	
OTEL OR MOTEL LIGHTING AREA ARGEST MOTOR OM 3RD FLOOR ELEC OUNTING FLUSH D FROM P3 OTE T CKT BKR CIRCUIT DE 20/2 GUEST ROC	0.7 5.35 0.7 5,350 SF 2.33 0.582 ROOM	VOLTS BUS AMENEUTRAL	%>100) VA/SF) 5%) 208Y/12 PS 200 L 100%	20V 3P	NONC HEATI COOLI TOTAL BALAI 4W	CKT BKR	O.1 OUS 13 23.3 23.3 -PHASE AMPS AIC 22,000 MAIN BKR M LUGS STAND CIRCUIT DESCRIPTION	0.1 13 23.3 0 42.3 117 MLO DARD	(100 (100 (100 (0%)	0%) 0%)) OAD KV/	4	ROOM MOUNT FED FENOTE CKT #	ITING EA EST MOTOR 4TH FLOOR ETING FLUSH ROM P4 CKT BKR CIRCU	10.7 5.35 10.7 5,350 SI 8.93 2.23	VOLTS 2 BUS AMF NEUTRAL	%>100) va/sf) 5%) 208Y/12 PS 200 100%	0V 3P	RECEI NONC HEATI COOLI TOTAI BALAI	PTACLES ONTINUO NG ING LOAD NCED 3-	0.1 0.18 JS 13 32.2 32.2 PHASE AMPS AIC 22,00 MAIN BKR LUGS STA	0.1 0.18 13 32.2 0 53.1 147 00 MLO NDARD	(100 (50% (100 (100 (0%)	(5)10) (7) (8) (8) (8)	
OTEL OR MOTEL LIGHTING AREA ARGEST MOTOR OOM 3RD FLOOR ELEC OUNTING FLUSH D FROM P3 OTE T CKT BKR CIRCUIT DE 20/2 GUEST ROC 1 20/2 GUEST ROC 1	0.7 5.35 0.7 5,350 SF 0.33 0.582 ROOM SCRIPTION OM 360 TPHP-1 OM 358 TPHP-1	VOLTS BUS AMENEUTRAL	%>100) VA/SF) 5%) 208Y/12 PS 200 L 100% OAD KV B 1.16	20V 3P	NONC HEATI COOLI TOTAL BALAI 4W CKT # 2 4 6 8	CKT BKR 20/2 20/2	O.1 O.1 OUS 13 23.3 23.3 -PHASE AMPS AIC 22,000 MAIN BKR M LUGS STAND CIRCUIT DESCRIPTION GUEST ROOM 359 TF	0.1 13 23.3 0 42.3 117 MLO DARD	(100 (100 (100 (0%)	OAD KVA B 1.16	A C	ROOM MOUNT FED FF NOTE CKT #	TITING EA EST MOTOR 4TH FLOOR ETING FLUSH ROM P4 CKT BKR CIRCU 20/2 GUEST	10.7 5.35 10.7 5,350 SI 8.93 2.23 ELEC ROOM	VOLTS 2 BUS AMF NEUTRAL	%>100) WA/SF) %%) 208Y/12 PS 200 100% OAD KVA	0V 3P	RECEINONC HEATI COOLI TOTAI BALA 4W CKT # 2 4 6	PTACLES ONTINUO NG ING LOAD NCED 3-	O.1 O.18 JS 13 32.2 32.2 PHASE AMPS AIC 22,00 MAIN BKR LUGS STA CIRCUIT DESCRIPTION	0.1 0.18 13 32.2 0 53.1 147 00 MLO NDARD	(100 (50% (100 (100 (0%) —	(5)10) (8) (8) (8) (8) (9) (10) (10) (10) (10) (10) (10) (10) (10	
OTEL OR MOTEL LIGHTING AREA ARGEST MOTOR OM 3RD FLOOR ELEC PUNTING FLUSH D FROM P3 TE T CKT BKR CIRCUIT DE 20/2 GUEST ROC	0.7 5.35 0.7 5,350 SF 0.33 0.582 ROOM SCRIPTION DM 360 TPHP-1 DM 358 TPHP-1 DM 356 TPHP-1	VOLTS : BUS AMEUTRAL A 1.16	%>100) VA/SF) 5%) 208Y/12 PS 200 L 100% OAD KV	20V 3P	NONC HEATI COOLI TOTAL BALAI	CKT BKR 20/2 20/2 20/2 1	O.1 O.1 OUS 13 23.3 23.3 -PHASE AMPS AIC 22,000 MAIN BKR M LUGS STAND CIRCUIT DESCRIPTION GUEST ROOM 359 TF GUEST ROOM 357 TF GUEST ROOM 355 TF	0.1 13 23.3 0 42.3 117 MLO DARD N PHP-1	(100 (100 (100 (0%) ————————————————————————————————————	0%) 0%) 0 OAD KVA	A C	ROOM MOUNT FED FF NOTE CKT # 1 3 5 7	TING EA EST MOTOR 4TH FLOOR ETING FLUSH ROM P4 CKT BKR CIRCU 20/2 GUEST 20/2 GUEST	10.7 5.35 10.7 5,350 SI 8.93 2.23 ELEC ROOM JIT DESCRIPTION ST ROOM 460 TPHP—1	VOLTS 2 BUS AMF NEUTRAL	%>100) WA/SF) %%) 208Y/12 PS 200 100% OAD KVA	OV 3P A C 1.16	RECEINONC HEATI COOL TOTAL BALA 4W CKT # 2 4 6 8 10	CKT BKR 20/2 20/2	O.1 O.18 US 13 32.2 32.2 PHASE AMPS AIC 22,00 MAIN BKR LUGS STA CIRCUIT DESCRIPTION GUEST ROOM 459	0.1 0.18 13 32.2 0 53.1 147 00 MLO NDARD ON TPHP-1	(100 (50% (100 (100 (0%)	(5)10) (8) (8) (8) (8) (9) (10) (10) (10) (10) (10) (10) (10) (10	
HOTEL OR MOTEL LIGHTING AREA AREA ARGEST MOTOR DOM 3RD FLOOR ELEC DUNTING FLUSH D FROM P3 DTE CT CKT BKR CIRCUIT DE COUNTING GUEST ROCK GU	0.7 5.35 0.7 5,350 SF 0.533 0.582 ROOM SCRIPTION OM 360 TPHP-1 OM 358 TPHP-1 OM 356 TPHP-1 OM 354 TPHP-1	VOLTS : BUS AMENTRAL L A 1.16	%>100) VA/SF) 5%) 208Y/12 PS 200 L 100% OAD KV B 1.16	20V 3P A C 1.16	NONC HEATI COOLI TOTAL BALAI	CKT BKR 20/2 20/2 20/2 20/2	O.1 O.1 OUS 13 23.3 23.3 23.3 -PHASE AMPS AIC 22,000 MAIN BKR M LUGS STAND CIRCUIT DESCRIPTION GUEST ROOM 359 TF GUEST ROOM 357 TF GUEST ROOM 355 TF GUEST ROOM 353 TF	0.1 13 23.3 0 42.3 117 MLO DARD N PHP-1 PHP-1	(100 (100 (100 (0%)	OAD KVA B 1.16	1.16	ROOM MOUNT FED FF NOTE CKT # 1 3 5 7 9 11 13	TITING EA EST MOTOR 4TH FLOOR ET ING FLUSH ROM P4 CKT GUEST 20/2 GUEST 1 20/2 GUEST 1 20/2 GUEST	10.7 5.35 10.7 5,350 SI 8.93 2.23 ELEC ROOM JIT DESCRIPTION ST ROOM 460 TPHP-1 ST ROOM 458 TPHP-1	VOLTS 2 BUS AMF NEUTRAL	78>100) VA/SF) 578) 208Y/12 PS 200 100% OAD KVA B 1.16	0V 3P	RECEINONC HEATI COOL TOTAL BALA 4W CKT # 2 4 6 8 10 12 14	CKT BKR 20/2 20/2	O.1 O.18 US 13 32.2 32.2 PHASE AMPS AIC 22,00 MAIN BKR LUGS STA CIRCUIT DESCRIPTION GUEST ROOM 459 GUEST ROOM 457 GUEST ROOM 455	0.1 0.18 13 32.2 0 53.1 147 00 MLO NDARD ON TPHP-1 TPHP-1	(100 (50% (100 (100 (0%) —	0AD KV B 1.16	
HOTEL OR MOTEL LIGHTING AREA LARGEST MOTOR DOM JRD FLOOR ELEC DUNTING FLUSH ED FROM P3 DTE CT CKT BKR CIRCUIT DE 1 20/2 GUEST ROC 1 2 20/2 GUEST ROC 1 3 20/2 GUEST ROC 1 3 20/2 GUEST ROC 5 7 20/2 GUEST ROC 5 7 20/2 GUEST ROC 9	0.7 5.35 0.7 5,350 SP 0.33 0.582 ROOM SCRIPTION DM 360 TPHP-1 DM 356 TPHP-1 DM 354 TPHP-1 DM 361 TPHP-1	VOLTS : BUS AMEUTRAL A 1.16	%>100) VA/SF) 5%) 208Y/12 PS 200 L 100% OAD KV B 1.16 1.16	20V 3P /A C 1.16	NONC HEATI COOLI TOTAL BALAI 4W CKT # 2 4 6 8 10 12 14 16 18 20	CKT BKR 20/2 20/2 20/2 20/2 20/2	O.1 O.1 O.3 23.3 23.3 PHASE AMPS AIC 22,000 MAIN BKR M LUGS STAND CIRCUIT DESCRIPTION GUEST ROOM 359 TF GUEST ROOM 357 TF GUEST ROOM 355 TF GUEST ROOM 353 TF GUEST ROOM 362 TF	0.1 13 23.3 0 42.3 117 MLO DARD N PHP-1 PHP-1	(100 (100 (100 (0%) ————————————————————————————————————	OAD KVA B 1.16	C 1.16	ROOM MOUNT FED FF NOTE CKT # 1 3 5 7 9 11 13 15 17	TITING EA EST MOTOR 4TH FLOOR E TING FLUSH ROM P4 CKT BKR CIRCU 20/2 GUEST 20/2 GUEST 20/2 GUEST 20/2 GUEST	10.7 5.35 10.7 5,350 SI 8.93 2.23 ELEC ROOM JIT DESCRIPTION ST ROOM 460 TPHP-1 ST ROOM 458 TPHP-1 ST ROOM 456 TPHP-1	VOLTS 2 BUS AMF NEUTRAL A 1.16	78>100) VA/SF) S78) 208Y/12 PS 200 100% OAD KVA B 1.16	OV 3P A C 1.16	RECEINONC HEATI COOL TOTAL BALA 4W CKT # 2 4 6 8 10 12 14 16 18	CKT BKR 20/2 20/2 20/2 20/2	O.1 O.18 US 13 32.2 32.2 PHASE AMPS AIC 22,00 MAIN BKR LUGS STA CIRCUIT DESCRIPTION GUEST ROOM 459 GUEST ROOM 455 GUEST ROOM 455	0.1 0.18 13 32.2 0 53.1 147 00 MLO NDARD ON TPHP-1 TPHP-1 TPHP-1	(100 (50% (100 (100 (0%) ————————————————————————————————————	0AD KV B	
HOTEL OR MOTEL LIGHTING AREA LARGEST MOTOR DOM JRD FLOOR ELEC OUNTING FLUSH ED FROM P3 DTE CT CKT BKR CIRCUIT DE 1 20/2 GUEST ROC 3 6 20/2 GUEST ROC 1 7 20/2 GUEST ROC 5 7 20/2 GUEST ROC 5 7 20/2 GUEST ROC 9 21 20/1 FLOOR 3 S RECEPTACL	0.7 5.35 0.7 5,350 SF 0.33 0.582 ROOM SCRIPTION OM 360 TPHP-1 OM 356 TPHP-1 OM 354 TPHP-1 OM 361 TPHP-1 TAIRS, CORRIDOR E	VOLTS : BUS AMENTRAL A 1.16 1.16 1.16	%>100) VA/SF) 5%) 208Y/12 PS 200 L 100% OAD KV B 1.16 1.16	20V 3P A C 1.16 1.16	NONC HEATI COOLI TOTAL BALAI 4W CKT # 2 4 6 8 10 12 14 16 18 20 22	CKT BKR 20/2 20/2 20/2 20/2 20/2 20/2 20/2	O.1 O.1 O.1 O.3 23.3 23.3 PHASE AMPS AIC 22,000 MAIN BKR M LUGS STAND CIRCUIT DESCRIPTION GUEST ROOM 359 TF GUEST ROOM 357 TF GUEST ROOM 355 TF GUEST ROOM 353 TF GUEST ROOM 362 TF SPACE	0.1 13 23.3 0 42.3 117 MLO DARD N PHP-1 PHP-1	(100 (100 (100 (0%) ————————————————————————————————————	OAD KVA B 1.16	1.16	ROOM MOUNT FED FF NOTE CKT # 1 3 5 7 9 11 13 15 17 19	TING EA EST MOTOR 4TH FLOOR ETING FLUSH ROM P4 CKT BKR CIRCU 20/2 GUEST 20/2 GUEST 20/2 GUEST 20/2 GUEST 20/2 GUEST 20/2 GUEST 1 20/2 GUEST 20/2 GUEST	10.7 5.35 10.7 5,350 SI 8.93 2.23 ELEC ROOM JIT DESCRIPTION T ROOM 460 TPHP-1 T ROOM 458 TPHP-1 T ROOM 456 TPHP-1 T ROOM 454 TPHP-1 T ROOM 451 TPHP-1 T ROOM 461 TPHP-1 R 4 STAIRS, CORRIDOR	VOLTS 2 BUS AMF NEUTRAL A 1.16	78>100) VA/SF) 578) 208Y/12 PS 200 100% OAD KVA B 1.16	OV 3P A C 1.16	RECEINONC HEATI COOL TOTAL BALA 4W CKT # 2 4 6 8 10 12 14 16	CKT BKR 20/2 20/2 20/2 20/2	O.1 O.18 JS 13 32.2 32.2 PHASE AMPS AIC 22,00 MAIN BKR LUGS STA CIRCUIT DESCRIPTION GUEST ROOM 459 GUEST ROOM 457 GUEST ROOM 455 GUEST ROOM 453 GUEST ROOM 462	0.1 0.18 13 32.2 0 53.1 147 00 MLO NDARD ON TPHP-1 TPHP-1 TPHP-1	(100 (50% (100 (100 (0%) ————————————————————————————————————	0AD KV B 1.16	
IOTEL OR MOTEL LIGHTING AREA ARGEST MOTOR DOM JRD FLOOR ELEC DUNTING FLUSH D FROM P3 DTE T CKT BKR CIRCUIT DE 20/2 GUEST ROC 1 20/2 GUEST ROC 1 20/2 GUEST ROC 1 3 20/2 GUEST ROC 1 3 20/2 GUEST ROC 1 4 20/2 GUEST ROC 1 5 20/2 GUEST ROC 1 6 20/2 GUEST ROC 1 7 20/2 GUEST ROC 1 8 20/2 GUEST ROC 1 9 1 20/1 FLOOR 3 S RECEPTACL 3 20/1 FLOOR 3 S RECEPTACL	0.7 5.35 0.7 5,350 SP 0.33 0.582 ROOM SCRIPTION DM 360 TPHP-1 DM 356 TPHP-1 DM 354 TPHP-1 DM 361 TPHP-1 TAIRS, CORRIDOR E TORAGE, CORRIDOR E TORAGE, CORRIDOR E	VOLTS BUS AMENTRAL A 1.16 1.16 1.16	%>100) VA/SF) 5%) 208Y/12 PS 200 L 100% OAD KV B 1.16 1.16	20V 3P A C 1.16	AW CKT # 2 4 6 8 10 12 14 16 18 20 22 24	CKT BKR 20/2 20/2 20/2 20/2 20/2 20/1 20/1	O.1 O.1 O.1 O.3 23.3 23.3 PHASE AMPS AIC 22,000 MAIN BKR M LUGS STAND CIRCUIT DESCRIPTION GUEST ROOM 359 TF GUEST ROOM 357 TF GUEST ROOM 355 TF GUEST ROOM 353 TF GUEST ROOM 362 TF SPACE SPACE	0.1 13 23.3 0 42.3 117 MLO DARD N PHP-1 PHP-1	(100 (100 (100 (0%) ————————————————————————————————————	OAD KVA B 1.16 1.16	1.16	ROOM MOUNT FED FF NOTE CKT # 1 3 5 7 9 11 13 15 17 19 21	TING EA EST MOTOR 4TH FLOOR E TING FLUSH ROM P4 CKT BKR CIRCU 20/2 GUES 1 20/2 GUES 1 20/2 GUES 1 20/2 GUES 20/2 GUES 20/2 GUES 20/2 FLOOF RECEF 20/1 FLOOF	10.7 5.35 10.7 5,350 SI 8.93 2.23 ELEC ROOM JIT DESCRIPTION T ROOM 460 TPHP-1 T ROOM 458 TPHP-1 T ROOM 456 TPHP-1 T ROOM 454 TPHP-1 T ROOM 454 TPHP-1 T ROOM 451 TPHP-1 TROOM 451 TPHP-1	VOLTS 2 BUS AMF NEUTRAL A 1.16	78>100) VA/SF) V	OV 3P A C 1.16	RECEINONC HEATI COOL TOTAL BALA 4W CKT # 2 4 6 8 10 12 14 16 18 20	CKT BKR 20/2 20/2 20/2 20/2 20/2 20/2	O.1 O.18 JS 13 32.2 32.2 PHASE AMPS AIC 22,00 MAIN BKR LUGS STA CIRCUIT DESCRIPTION GUEST ROOM 459 GUEST ROOM 457 GUEST ROOM 455 GUEST ROOM 453 GUEST ROOM 462	0.1 0.18 13 32.2 0 53.1 147 00 MLO NDARD ON TPHP-1 TPHP-1 TPHP-1	(100 (50% (100 (100 (0%) ————————————————————————————————————	0AD KV B 1.16 1.16	
TOTEL OR MOTEL LIGHTING AREA ARGEST MOTOR DOM 3RD FLOOR ELEC OUNTING FLUSH D FROM P3 DTE TOTE	0.7 5.35 0.7 5,350 SP 0.33 0.582 ROOM SCRIPTION OM 360 TPHP-1 OM 356 TPHP-1 OM 354 TPHP-1 OM 354 TPHP-1 TAIRS, CORRIDOR E TORAGE, CORRIDOR E TORAGE, CORRIDOR E TAIRS, STORAGE, EM, LIGHTING	VOLTS : BUS AMENTRAL A 1.16 1.16 1.16	%>100) VA/SF) 5%) 208Y/12 PS 200 L 100% OAD KV B 1.16 1.16	20V 3P A C 1.16 1.16	NONC HEATI COOLI TOTAL BALAI 4W CKT # 2 4 6 8 10 12 14 16 18 20 22 24 26	CKT BKR 20/2 20/2 20/2 20/2 20/1 20/1 20/1	O.1 13 23.3 23.3 23.3 -PHASE AMPS AIC 22,000 MAIN BKR M LUGS STAND CIRCUIT DESCRIPTION GUEST ROOM 359 TF GUEST ROOM 355 TF GUEST ROOM 355 TF GUEST ROOM 362 TF SPACE SPACE SPACE SPACE	0.1 13 23.3 0 42.3 117 MLO DARD N PHP-1 PHP-1	(100 (100 (100 (0%) ————————————————————————————————————	OAD KVA B 1.16 1.16	1.16 1.16	ROOM MOUNT FED FF NOTE CKT # 1 3 5 7 9 11 13 15 17 19 21 23	TING EA EST MOTOR 4TH FLOOR E TING FLUSH ROM P4 CKT BKR CIRCU 20/2 GUEST 20/1 FLOOF RECEF 20/1 FLOOF RECEF 20/1 FLOOF	10.7 5.35 10.7 5,350 SI 8.93 2.23 ELEC ROOM JIT DESCRIPTION TROOM 460 TPHP-1 TROOM 458 TPHP-1 TROOM 456 TPHP-1 TROOM 454 TPHP-1	VOLTS 2 BUS AMF NEUTRAL A 1.16	78>100) VA/SF) V	OV 3P A C 1.16 1.16	RECEINONC HEATI COOL TOTAL BALA 4W CKT 2 4 6 8 10 12 14 16 18 20 22	CKT BKR 20/2 20/2 20/2 20/2 20/2 20/2	O.1 O.18 JS 13 32.2 32.2 PHASE AMPS AIC 22,00 MAIN BKR LUGS STA CIRCUIT DESCRIPTION GUEST ROOM 459 GUEST ROOM 457 GUEST ROOM 455 GUEST ROOM 453 GUEST ROOM 462	0.1 0.18 13 32.2 0 53.1 147 00 MLO NDARD ON TPHP-1 TPHP-1 TPHP-1	(100 (50% (100 (100 (0%) ————————————————————————————————————	0AD KV B 1.16 1.16	
IOTEL OR MOTEL LIGHTING AREA ARGEST MOTOR OOM 3RD FLOOR ELEC DUNTING FLUSH D FROM P3 OTE IT CKT BKR CIRCUIT DE 20/2 GUEST ROC 20/2 GUEST ROC 20/2 GUEST ROC 3 20/2 GUEST ROC 4 20/2 GUEST ROC 5 20/2 GUEST ROC 6 20/2 GUEST ROC 7 20/2 GUEST ROC 8 20/2 GUEST ROC 9 1 20/1 FLOOR 3 S RECEPTACL 1 20/1 FLOOR 3 S RECEPTACL 2 20/1 FLOOR 3 S RECEPTACL 3 20/1 FLOOR 3 S RECEPTACL 4 20/1 FLOOR 3 S RECEPTACL 5 20/1 FLOOR 3 S RECEPTACL 6 20/1 FLOOR 3 S RECEPTACL 7 20/1 FLOOR 3 S	0.7 5.35 0.7 5,350 SP 0.33 0.582 ROOM SCRIPTION OM 360 TPHP-1 OM 356 TPHP-1 OM 354 TPHP-1 OM 354 TPHP-1 TAIRS, CORRIDOR E TORAGE, CORRIDOR E TORAGE, CORRIDOR E TAIRS, STORAGE, EM, LIGHTING	VOLTS BUS AMENTRAL A 1.16 1.16 1.16	%>100) VA/SF) 5%) 208Y/12 PS 200 L 100% OAD KV B 1.16 1.16	20V 3P A C 1.16 1.16	AW CKT # 2 4 6 8 10 12 14 16 18 20 22 24	CKT BKR 20/2 20/2 20/2 20/2 20/2 20/1 20/1	O.1 O.1 O.1 O.3 23.3 23.3 PHASE AMPS AIC 22,000 MAIN BKR M LUGS STAND CIRCUIT DESCRIPTION GUEST ROOM 359 TF GUEST ROOM 357 TF GUEST ROOM 355 TF GUEST ROOM 353 TF GUEST ROOM 362 TF SPACE SPACE	0.1 13 23.3 0 42.3 117 MLO DARD N PHP-1 PHP-1	(100 (100 (100 (0%) ————————————————————————————————————	OAD KVA B 1.16 1.16	1.16 1.16	ROOM MOUNT FED FF NOTE CKT # 1 3 5 7 9 11 13 15 17 19 21 23 25	TING EA EST MOTOR 4TH FLOOR E TING FLUSH ROM P4 CKT BKR CIRCU 20/2 GUES 1 20/2 GUES 1 20/2 GUES 1 20/2 GUES 1 20/2 GUES 20/1 FLOOR RECER 20/1 FLOOR RECER 20/1 FLOOR CORR	10.7 5.35 10.7 5,350 SI 8.93 2.23 ELEC ROOM JIT DESCRIPTION T ROOM 460 TPHP-1 T ROOM 458 TPHP-1 T ROOM 456 TPHP-1 T ROOM 454 TPHP-1 T ROOM 454 TPHP-1 T ROOM 451 TPHP-1 TROOM 451 TPHP-1	VOLTS 2 BUS AMF NEUTRAL 1.16 1.16	78>100) VA/SF) V	OV 3P A C 1.16 1.16	RECEINONC HEATI COOL TOTAL BALA 4W CKT # 2 4 6 8 10 12 14 16 18 20 22 24	CKT BKR 20/2 20/2 20/2 20/2 20/2 20/2	O.1 O.18 JS 13 32.2 32.2 PHASE AMPS AIC 22,00 MAIN BKR LUGS STA CIRCUIT DESCRIPTION GUEST ROOM 459 GUEST ROOM 457 GUEST ROOM 455 GUEST ROOM 453 GUEST ROOM 462	0.1 0.18 13 32.2 0 53.1 147 ON TPHP-1 TPHP-1 TPHP-1 TPHP-1 TPHP-1	(100 (50% (100 (100 (0%) ————————————————————————————————————	0AD KV B 1.16 1.16	
OTEL OR MOTEL LIGHTING AREA ARGEST MOTOR OM 3RD FLOOR ELEC OUNTING FLUSH D FROM P3 OTE T CKT BKR CIRCUIT DE 20/2 GUEST ROC 3 20/2 GUEST ROC 4 20/2 GUEST ROC 5 20/2 GUEST ROC 6 20/1 FLOOR 3 S RECEPTACL 6 20/1 FLOOR 3 S CORRIDOR 7 20/1 SPACE 8 20/1 SPACE	0.7 5.35 0.7 5,350 SP 0.33 0.582 ROOM SCRIPTION OM 360 TPHP-1 OM 356 TPHP-1 OM 354 TPHP-1 OM 354 TPHP-1 TAIRS, CORRIDOR E TORAGE, CORRIDOR E TORAGE, CORRIDOR E TAIRS, STORAGE, EM, LIGHTING	VOLTS BUS AMENTRAL A 1.16 1.16 1.16	%>100) VA/SF) 5%) 208Y/12 PS 200 L 100% OAD KV B 1.16 1.16 1.16 0.72 0.1	20V 3P (A C 1.16 1.16 0.72	AW CKT # 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32	CKT BKR 20/2 20/2 20/2 20/2 20/1 20/1 20/1 20/1 20/1 20/1 20/1	O.1 13 23.3 23.3 23.3 -PHASE AMPS AIC 22,000 MAIN BKR M LUGS STAND CIRCUIT DESCRIPTION GUEST ROOM 359 TF GUEST ROOM 355 TF GUEST ROOM 355 TF GUEST ROOM 362 TF SPACE	0.1 13 23.3 0 42.3 117 MLO DARD N PHP-1 PHP-1	(100 (100 (100 (0%) ————————————————————————————————————	OAD KV/B 1.16 1.16 0	1.16 1.16 1.16	ROOM MOUNT FED FF NOTE CKT # 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29	TING EA EST MOTOR 4TH FLOOR E TING FLUSH ROM P4 CKT BKR CIRCU 20/2 GUES 1 20/2 GUES 1 20/2 GUES 1 20/2 GUES 1 20/2 GUES 20/1 FLOOF RECEF 20/1 FLOOF RECEF 20/1 FLOOF CORR 20/1 SPAC	10.7 5.35 10.7 5,350 SI 8.93 2.23 ELEC ROOM JIT DESCRIPTION T ROOM 460 TPHP-1 T ROOM 458 TPHP-1 T ROOM 456 TPHP-1 T ROOM 454 TPHP-1 T ROOM 454 TPHP-1 T ROOM 451 TPHP-1 T ROOM 461 TPHP-1 R 4 STAIRS, CORRIDOR PTACLE R 4 STORAGE, CORRIDOR PTACLE R 4 STORAGE, CORRIDOR PTACLE R 4 STAIRS, STORAGE, RIDOR EM, LIGHTING R 4 SFD CE	VOLTS 2 BUS AMF NEUTRAL 1.16 1.16 1.16	78>100) VA/SF) 578) 208Y/12 PS 200 100% 0AD KVA B 1.16 1.16 1.16 0.72	OV 3P A C 1.16 1.16	RECEINONC HEATI COOL TOTAL BALA 4W CKT # 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30	CKT BKR 20/2 20/2 20/2 20/2 20/2 20/2 20/2 20/2 20/1	O.1 O.18 JS 13 32.2 32.2 PHASE AMPS AIC 22,00 MAIN BKR LUGS STA CIRCUIT DESCRIPTION GUEST ROOM 459 GUEST ROOM 455 GUEST ROOM 455 GUEST ROOM 453 GUEST ROOM 462 RTU-1 ROOF RECEPTACLE SPACE	0.1 0.18 13 32.2 0 53.1 147 ON TPHP-1 TPHP-1 TPHP-1 TPHP-1 TPHP-1	(100 (50% (100 (100 (0%) ————————————————————————————————————	OAD KV B 1.16 1.16 2.98	
IOTEL OR MOTEL LIGHTING AREA ARGEST MOTOR OM 3RD FLOOR ELEC OUNTING FLUSH D FROM P3 OTE T CKT BKR CIRCUIT DE 20/2 GUEST ROC 3 20/2 GUEST ROC 4 20/1 FLOOR 3 S RECEPTACL 5 20/1 FLOOR 3 S CORRIDOR 7 20/1 FLOOR 3 S RECEPTACL 8 20/1 FLOOR 3 S RECEPTACL 9 20/1 FLOOR 3 S CORRIDOR 1 20/1 SPACE 1 20/1 SPACE 2 20/1 SPACE 3 20/1 SPACE 3 20/1 SPACE	0.7 5.35 0.7 5,350 SP 0.33 0.582 ROOM SCRIPTION OM 360 TPHP-1 OM 356 TPHP-1 OM 354 TPHP-1 OM 354 TPHP-1 TAIRS, CORRIDOR E TORAGE, CORRIDOR E TORAGE, CORRIDOR E TAIRS, STORAGE, EM, LIGHTING	VOLTS : BUS AMENTERAL	%>100) VA/SF) 5%) 208Y/12 PS 200 L 100% OAD KV B 1.16 1.16 1.16 0.72	20V 3P (A C 1.16 1.16 0.72	AW CKT # 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36	CKT BKR 20/2 20/2 20/2 20/2 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	O.1 O.1 O.1 O.3 23.3 23.3 PHASE AMPS AIC 22,000 MAIN BKR M LUGS STAND CIRCUIT DESCRIPTION GUEST ROOM 359 TF GUEST ROOM 355 TF GUEST ROOM 355 TF GUEST ROOM 362 TF SPACE	0.1 13 23.3 0 42.3 117 MLO DARD N PHP-1 PHP-1	(100 (100 (100 (0%) ————————————————————————————————————	OAD KVA B 1.16 1.16 0	1.16 1.16 1.16	ROOM MOUNT FED FF NOTE CKT # 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33	TING EA EST MOTOR 4TH FLOOR E TING FLUSH ROM P4 CKT BKR CIRCU 20/2 GUEST 20/2 GUEST 20/2 GUEST 20/2 GUEST 20/2 GUEST 20/1 FLOOF RECEF 20/1 SPACI 20/1 SPACI 20/1 SPACI 20/1 SPACI 20/1 SPACI	10.7 5.35 10.7 5,350 SI 8.93 2.23 ELEC ROOM JIT DESCRIPTION TROOM 460 TPHP-1 TROOM 458 TPHP-1 TROOM 456 TPHP-1 TROOM 454 TPHP-1 TROOM 454 TPHP-1 TROOM 461 TPHP-1	VOLTS 2 BUS AMF NEUTRAL 1.16 1.16	78>100) VA/SF) 578) 208Y/12 PS 200 100% 0AD KVA B 1.16 1.16 1.16 0.72	OV 3P A C 1.16 1.16 0.72	RECEINONC HEATI COOL TOTAL BALA 4W CKT # 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34	CKT BKR 20/2 20/2 20/2 20/2 20/2 20/2 20/2 20/2 20/2 20/1 2	O.1 O.18 JS 13 32.2 32.2 PHASE AMPS AIC 22,00 MAIN BKR LUGS STA CIRCUIT DESCRIPTION GUEST ROOM 459 GUEST ROOM 457 GUEST ROOM 455 GUEST ROOM 453 GUEST ROOM 462 RTU-1 ROOF RECEPTACLE SPACE SPACE SPACE SPACE SPACE	0.1 0.18 13 32.2 0 53.1 147 ON TPHP-1 TPHP-1 TPHP-1 TPHP-1 TPHP-1	(100 (50% (100 (100 (0%) ————————————————————————————————————	OAD KV B 1.16 1.16 2.98	
IOTEL OR MOTEL LIGHTING AREA ARGEST MOTOR OM 3RD FLOOR ELEC OUNTING FLUSH D FROM P3 OTE T CKT BKR CIRCUIT DE 20/2 GUEST ROC 3 20/1 FLOOR 3 S RECEPTACL 3 20/1 FLOOR 3 S RECEPTACL 4 20/1 FLOOR 3 S RECEPTACL 5 20/1 FLOOR 3 S RECEPTACL 6 20/1 SPACE 7 20/1 SPACE 8 20/1 SPACE 9 20/1 SPACE	0.7 5.35 0.7 5,350 SP 0.33 0.582 ROOM SCRIPTION OM 360 TPHP-1 OM 356 TPHP-1 OM 354 TPHP-1 OM 354 TPHP-1 TAIRS, CORRIDOR E TORAGE, CORRIDOR E TORAGE, CORRIDOR E TAIRS, STORAGE, EM, LIGHTING	VOLTS : BUS AMF NEUTRAL A 1.16 1.16 1.16 0.828	%>100) VA/SF) 5%) 208Y/12 PS 200 L 100% OAD KV B 1.16 1.16 1.16 0.72 0.1	20V 3P (A C 1.16 1.16 1.16 0.72	AW CKT # 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34	CKT BKR 20/2 20/2 20/2 20/2 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	O.1 13 23.3 23.3 23.3 -PHASE AMPS AIC 22,000 MAIN BKR M LUGS STAND CIRCUIT DESCRIPTION GUEST ROOM 359 TF GUEST ROOM 355 TF GUEST ROOM 355 TF GUEST ROOM 362 TF SPACE	0.1 13 23.3 0 42.3 117 MLO DARD N PHP-1 PHP-1	(100 (100 (100 (0%) ————————————————————————————————————	OAD KV/B 1.16 1.16 0	1.16 1.16 1.16 0	ROOM MOUNT FED FF NOTE CKT # 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37	TING EA EST MOTOR ATH FLOOR E TING FLUSH ROM P4 CKT BKR CIRCU 20/2 GUES 1 20/2 GUES 1 20/2 GUES 1 20/2 GUES 1 20/2 GUES 20/1 FLOOF RECEF 20/1 FLOOF RECEF 20/1 FLOOF CORR 20/1 FLOOF 20/1 SPACI	10.7 5.35 10.7 5,350 SI 8.93 2.23 ELEC ROOM JIT DESCRIPTION TROOM 460 TPHP-1 TROOM 458 TPHP-1 TROOM 456 TPHP-1 TROOM 454 TPHP-1 TROOM 454 TPHP-1 TROOM 451 TPHP-1	VOLTS 2 BUS AMF NEUTRAL 1.16 1.16 1.16	75>100) VA/SF) 576) 208Y/12 PS 200 100% 0AD KVA B 1.16 1.16 1.16 0.72 0.1	OV 3P A C 1.16 1.16 0.72	RECEINONC HEATI COOL TOTAL BALA 4W CKT # 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32	CKT BKR 20/2 20/2 20/2 20/2 20/2 20/2 20/2 20/2 20/2 20/2 20/2 20/2 20/2 20/2 20/2 20/1 20/1 20/1 20/1	O.1 O.18 JS 13 32.2 32.2 PHASE AMPS AIC 22,00 MAIN BKR LUGS STA CIRCUIT DESCRIPTION GUEST ROOM 459 GUEST ROOM 455 GUEST ROOM 455 GUEST ROOM 453 GUEST ROOM 462 RTU-1 ROOF RECEPTACLE SPACE SPACE	0.1 0.18 13 32.2 0 53.1 147 ON TPHP-1 TPHP-1 TPHP-1 TPHP-1 TPHP-1	(100 (50% (100 (100 (0%) ————————————————————————————————————	OAD KV B 1.16 1.16 2.98	
AREA 12. ARGEST MOTOR 2. DOM 3RD FLOOR ELECTOUNTING FLUSH 1. DETERMINE TO THE STATE OF THE STAT	0.7 5.35 0.7 5,350 SP 0.33 0.582 ROOM SCRIPTION OM 360 TPHP-1 OM 356 TPHP-1 OM 354 TPHP-1 OM 354 TPHP-1 TAIRS, CORRIDOR E TORAGE, CORRIDOR E TORAGE, CORRIDOR E TAIRS, STORAGE, EM, LIGHTING	VOLTS : BUS AMENTERAL	%>100) VA/SF) 5%) 208Y/12 PS 200 L 100% OAD KV B 1.16 1.16 1.16 0.72 0.1	20V 3P (A C 1.16 1.16 1.16 0.72	AW CKT # 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38	CKT BKR 20/2 20/2 20/2 20/2 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	O.1 13 23.3 23.3 23.3 -PHASE AMPS AIC 22,000 MAIN BKR M LUGS STAND CIRCUIT DESCRIPTION GUEST ROOM 359 TF GUEST ROOM 355 TF GUEST ROOM 355 TF GUEST ROOM 362 TF SPACE	0.1 13 23.3 0 42.3 117 MLO DARD PHP-1 PHP-1 PHP-1 PHP-1	(100 (100 (100 (0%) ————————————————————————————————————	OAD KV/B 1.16 1.16 0 0 0	1.16 1.16 0 0 0	ROOM MOUNT FED FF NOTE CKT # 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39	TING EA EST MOTOR 4TH FLOOR E TING FLUSH ROM P4 CKT BKR CIRCU 20/2 GUEST 20/2 GUEST 20/2 GUEST 20/2 GUEST 20/1 FLOOF RECEF 20/1 FLOOF RECEF 20/1 FLOOF CORR 20/1 FLOOF CORR 20/1 SPACI 20/1 SPACI 20/1 SPACI 20/1 SPACI 20/1 SPACI	10.7 5.35 10.7 5,350 SI 8.93 2.23 ELEC ROOM JIT DESCRIPTION TROOM 460 TPHP-1 TROOM 458 TPHP-1 TROOM 456 TPHP-1 TROOM 454 TPHP-1 TROOM 454 TPHP-1 TROOM 461 TPHP-1 R 4 STAIRS, CORRIDOR PTACLE R 4 STORAGE, CORRIDOR PTACLE R 4 STORAGE, CORRIDOR PTACLE R 4 STAIRS, STORAGE, RIDOR EM, LIGHTING R 4 SFD CE	VOLTS 2 BUS AMF NEUTRAL 1.16 1.16 1.16 0.828	75>100) VA/SF) 576) 208Y/12 PS 200 100% 0AD KVA B 1.16 1.16 1.16 0.72 0.1	OV 3P A C 1.16 1.16 0.72	RECEINONC HEATI COOL TOTAL BALA 4W CKT # 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 36	CKT BKR 20/2 20/2 20/2 20/2 20/2 20/2 20/2 20/1 2	O.1 O.18 JS 13 32.2 32.2 PHASE AMPS AIC 22,00 MAIN BKR LUGS STA CIRCUIT DESCRIPTION GUEST ROOM 459 GUEST ROOM 457 GUEST ROOM 455 GUEST ROOM 453 GUEST ROOM 462 RTU-1 ROOF RECEPTACLE SPACE SPACE SPACE SPACE SPACE SPACE	0.1 0.18 13 32.2 0 53.1 147 ON TPHP-1 TPHP-1 TPHP-1 TPHP-1 TPHP-1	(100 (50% (100 (100 (0%) ————————————————————————————————————	OAD KV B 1.16 1.16 2.98	
HOTEL OR MOTEL LIGHTING AREA LARGEST MOTOR 2 2 2 2 3 4 5 6 7 20/2 6 7 8 20/2 6 7 9 20/2 1 3 20/2 6 6 7 20/2 6 7 8 8 8 8 8 8 8 8 8 8 8 8	0.7 5.35 0.7 5,350 SP 0.33 0.582 ROOM SCRIPTION OM 360 TPHP-1 OM 356 TPHP-1 OM 354 TPHP-1 OM 361 TPHP-1 TAIRS, CORRIDOR E TORAGE, CORRIDOR E TORAGE, CORRIDOR E TAIRS, STORAGE, EM, LIGHTING FD	VOLTS : BUS AMENEUTRAL	%>100) VA/SF) 5%) 208Y/12 PS 200 L 100% OAD KV B 1.16 1.16 1.16 0.72 0.1	20V 3P (A C 1.16 1.16 0.72 0	AW CKT # CCKT # CKT A CKT # CKT A CKT	CKT BKR 20/2 20/2 20/2 20/2 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	O.1 13 23.3 23.3 23.3 -PHASE AMPS AIC 22,000 MAIN BKR M LUGS STAND CIRCUIT DESCRIPTION GUEST ROOM 359 TF GUEST ROOM 355 TF GUEST ROOM 355 TF GUEST ROOM 362 TF SPACE	0.1 13 23.3 0 42.3 117 MLO DARD N PHP-1 PHP-1 PHP-1 PHP-1 PHP-1 PHP-1	(100 (100 (100 (0%) (0%) - - - - - - - - - - - - - - - - - - -	OAD KVA B 1.16 1.16 0	1.16 1.16 1.16 0	ROOM MOUNT FED FF NOTE CKT # 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39	TING EA EST MOTOR 4TH FLOOR E TING FLUSH ROM P4 CKT BKR CIRCU 20/2 GUEST 20/2 GUEST 20/2 GUEST 20/2 GUEST 20/1 FLOOF RECEF 20/1 SPACI	10.7 5.35 10.7 5,350 SI 8.93 2.23 ELEC ROOM JIT DESCRIPTION TROOM 460 TPHP-1 TROOM 458 TPHP-1 TROOM 456 TPHP-1 TROOM 454 TPHP-1 TROOM 454 TPHP-1 TROOM 461 TPHP-1 R 4 STAIRS, CORRIDOR PTACLE R 4 STORAGE, CORRIDOR PTACLE R 4 STORAGE, CORRIDOR PTACLE R 4 STAIRS, STORAGE, RIDOR EM, LIGHTING R 4 SFD CE	VOLTS 2 BUS AMF NEUTRAL 1.16 1.16 1.16 0.828	78>100) VA/SF) 578) 208Y/12 PS 200 100% OAD KVA B 1.16 1.16 1.16 0.72 0.1	OV 3P A C 1.16 1.16 0.72	RECEINONC HEATI COOL TOTAL BALA 4W CKT # 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40	CKT BKR 20/2 20/2 20/2 20/2 20/2 20/2 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	O.1 O.18 JS 13 32.2 32.2 PHASE AMPS AIC 22,00 MAIN BKR LUGS STA CIRCUIT DESCRIPTION GUEST ROOM 459 GUEST ROOM 455 GUEST ROOM 455 GUEST ROOM 453 GUEST ROOM 462 RTU-1 ROOF RECEPTACLE SPACE	0.1 0.18 13 32.2 0 53.1 147 00 MLO NDARD ON TPHP-1 TPHP-1 TPHP-1 TPHP-1 TPHP-1	(100 (50% (100 (100 (0%) ————————————————————————————————————	OAD KV B 1.16 1.16 2.98 0.18	
HOTEL OR MOTEL LIGHTING AREA LARGEST MOTOR OOM 3RD FLOOR ELEC OUNTING FLUSH ED FROM P3 OTE KT CKT BKR CIRCUIT DE 1 20/2 GUEST ROC 3 5 20/2 GUEST ROC 7 9 20/2 GUEST ROC 11 13 20/2 GUEST ROC 15 17 20/1 FLOOR 3 S RECEPTACL 23 20/1 FLOOR 3 S CORRIDOR 27 20/1 FLOOR 3 S CORRIDOR 27 20/1 FLOOR 3 S CORRIDOR 27 20/1 SPACE 33 20/1 SPACE 33 20/1 SPACE 34 20/1 SPACE 35 20/1 SPACE 37 20/1 SPACE 39 20/1 SPACE 41 20/1 SPACE	0.7 5.35 0.7 5,350 SP 0.582 ROOM SCRIPTION M 360 TPHP-1 M 356 TPHP-1 M 354 TPHP-1 M 361 TPHP-1 TAIRS, CORRIDOR E TORAGE, CORRIDOR E TAIRS, STORAGE, EM, LIGHTING FD CONN KVA CALC	VOLTS : BUS AMENEUTRAL	%>100) VA/SF) 5%) 208Y/12 PS 200 L 100% OAD KV B 1.16 1.16 1.16 0.72 0.1	20V 3P (A C 1.16 1.16 1.16 0.72 0 0	AW CKT # 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42	CKT BKR 20/2 20/2 20/2 20/2 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	O.1 13 23.3 23.3 23.3 -PHASE AMPS AIC 22,000 MAIN BKR M LUGS STAND CIRCUIT DESCRIPTION GUEST ROOM 359 TF GUEST ROOM 355 TF GUEST ROOM 355 TF GUEST ROOM 362 TF SPACE	0.1 13 23.3 0 42.3 117 MLO DARD PHP-1 PHP-1 PHP-1 PHP-1	(100 (100 (100 (0%) (0%) - - - - - - - - - - - - - - - - - - -	OAD KV/B 1.16 1.16 0 0 7.81	1.16 1.16 0 0 0	ROOM MOUNT FED FF NOTE CKT # 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39	TING EA EST MOTOR 4TH FLOOR E TING FLUSH ROM P4 CKT BKR CIRCU 20/2 GUEST 20/2 GUEST 20/2 GUEST 20/2 GUEST 20/1 FLOOF RECEF 20/1 SPACI	10.7 5.35 10.7 5,350 SI 8.93 2.23 ELEC ROOM JIT DESCRIPTION TROOM 460 TPHP-1 TROOM 458 TPHP-1 TROOM 456 TPHP-1 TROOM 454 TPHP-1 TROOM 454 TPHP-1 TROOM 461 TPHP-1 R 4 STAIRS, CORRIDOR PTACLE R 4 STORAGE, CORRIDOR PTACLE R 4 STORAGE, CORRIDOR PTACLE R 4 STAIRS, STORAGE, RIDOR EM, LIGHTING R 4 SFD CE	VOLTS 28 BUS AMF NEUTRAL 1.16 1.16 1.16 0.828	78>100) VA/SF) 578) 208Y/12 PS 200 100% OAD KVA B 1.16 1.16 1.16 0.72 0.1	OV 3P A C 1.16 1.16 0.72	RECEINONC HEATI COOL TOTAL BALA 4W CKT # 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40	CKT BKR 20/2 20/2 20/2 20/2 20/2 20/2 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	O.1 O.18 JS 13 32.2 32.2 PHASE AMPS AIC 22,00 MAIN BKR LUGS STA CIRCUIT DESCRIPTION GUEST ROOM 459 GUEST ROOM 455 GUEST ROOM 455 GUEST ROOM 453 GUEST ROOM 462 RTU-1 ROOF RECEPTACLE SPACE	0.1 0.18 13 32.2 0 53.1 147 00 MLO NDARD ON TPHP-1 TPHP-1 TPHP-1 TPHP-1 TPHP-1	(100 (50% (100 (100 (0%) 1.16 1.16 1.16 1.16 1.16 1.16 1.16 1.1	OAD KV B 1.16 1.16 2.98 0.18 0	
HOTEL OR MOTEL LIGHTING AREA LARGEST MOTOR OOM 3RD FLOOR ELEC OUNTING FLUSH ED FROM P3 OTE KT CKT BKR CIRCUIT DE 1 20/2 GUEST ROC 3 5 20/2 GUEST ROC 7 9 20/2 GUEST ROC 5 7 20/2 GUEST ROC 5 7 20/2 GUEST ROC 5 7 20/2 GUEST ROC 9 21 20/1 FLOOR 3 S RECEPTACL 23 20/1 FLOOR 3 S RECEPTACL 25 20/1 FLOOR 3 S CORRIDOR 27 20/1 FLOOR 3 S CORRIDOR 28 20/1 SPACE 38 20/1 SPACE 38 20/1 SPACE 39 20/1 SPACE 30 20/1 SPACE 30 20/1 SPACE 31 20/1 SPACE 32 20/1 SPACE 33 20/1 SPACE 34 20/1 SPACE 35 20/1 SPACE 36 20/1 SPACE 37 20/1 SPACE 38 20/1 SPACE 39 20/1 SPACE 39 20/1 SPACE 30 20/1 SPACE 31 20/1 SPACE 31 20/1 SPACE 32 20/1 SPACE 33 20/1 SPACE 34 20/1 SPACE 35 20/1 SPACE 36 20/1 SPACE 37 20/1 SPACE	0.7 5.35 0.7 5,350 SP 0.33 0.582 ROOM SCRIPTION OM 360 TPHP-1 OM 356 TPHP-1 OM 354 TPHP-1 OM 361 TPHP-1 TAIRS, CORRIDOR E TORAGE, CORRIDOR E TORAGE, CORRIDOR E TAIRS, STORAGE, EM, LIGHTING FD	VOLTS : BUS AMENTE A	%>100) VA/SF) 5%) 208Y/12 PS 200 L 100% B 1.16 1.16 1.16 0.72 0.1	20V 3P (A C 1.16 1.16 1.16 0.72 0 0	AW CKT # CKT CKT	CKT BKR 20/2 20/2 20/2 20/2 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	O.1 13 23.3 23.3 23.3 -PHASE AMPS AIC 22,000 MAIN BKR M LUGS STAND CIRCUIT DESCRIPTION GUEST ROOM 359 TF GUEST ROOM 355 TF GUEST ROOM 355 TF GUEST ROOM 362 TF SPACE	0.1 13 23.3 0 42.3 117 MLO DARD PHP-1 PHP-1 PHP-1 PHP-1 PHP-1 CHP-1 PHP-1 PHP-1 PHP-1	(100 (100 (100 (100 (0%) ————————————————————————————————————	OAD KVA B 1.16 1.16 0 0 7.81	1.16 1.16 0 0 0	LIGH ARI LARG ROOM MOUNT FED FF NOTE CKT # 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 HOTE	TING EA EST MOTOR 4TH FLOOR E TING FLUSH ROM P4 CKT BKR CIRCU 20/2 GUEST 20/2 GUEST 20/2 GUEST 20/2 GUEST 20/1 FLOOF RECEF 20/1 SPACI	10.7 5.35 10.7 5,350 S 8.93 2.23 ELEC ROOM JIT DESCRIPTION TROOM 460 TPHP-1 TROOM 458 TPHP-1 TROOM 456 TPHP-1 TROOM 454 TPHP-1 TROOM 461 TPHP-1 TRACLE TRACLE	VOLTS 28 BUS AMF NEUTRAL A 1.16 1.16 1.16 0.828 0 0 0 KVA (50	75-100) VA/SF) S75) 208Y/12 PS 200 100% OAD KVA B 1.16 1.16 1.16 0.72 0.1 0 0 0 0 0 0%, 40%>	OV 3P A C 1.16 1.16 0.72 0 0	RECEINONC HEATI COOL TOTAL BALA A 4W CKT # 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 MOTO	CKT BKR 20/2 20/2 20/2 20/2 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	O.1 O.18 JS 13 32.2 32.2 PHASE AMPS AIC 22,00 MAIN BKR LUGS STA CIRCUIT DESCRIPTION GUEST ROOM 459 GUEST ROOM 455 GUEST ROOM 455 GUEST ROOM 462 RTU-1 ROOF RECEPTACLE SPACE	0.1 0.18 13 32.2 0 53.1 147 00 MLO NDARD ON TPHP-1 TPHP-1 TPHP-1 TPHP-1 TPHP-1 TPHP-1	(100 (50% (100 (100 (0%) — 1.16 — 1.1	OAD KV B 1.16 1.16 2.98 0.18 0 11	
HOTEL OR MOTEL LIGHTING AREA LARGEST MOTOR OOM 3RD FLOOR ELEC OUNTING FLUSH ED FROM P3 OTE KT CKT BKR CIRCUIT DE 1 20/2 GUEST ROC 3 5 20/2 GUEST ROC 7 9 20/2 GUEST ROC 5 7 20/2 GUEST ROC 6 21 20/1 FLOOR 3 S RECEPTACL 23 20/1 FLOOR 3 S RECEPTACL 24 20/1 FLOOR 3 S CORRIDOR 27 20/1 FLOOR 3 S CORRIDOR 27 20/1 FLOOR 3 S CORRIDOR 28 20/1 SPACE 33 20/1 SPACE 34 20/1 SPACE 35 20/1 SPACE 36 20/1 SPACE 37 20/1 SPACE 38 20/1 SPACE 39 20/1 SPACE 41 20/1 SPACE	0.7 5.35 0.7 5,350 SP 0.582 ROOM SCRIPTION M 360 TPHP-1 M 356 TPHP-1 M 354 TPHP-1 M 361 TPHP-1 TAIRS, CORRIDOR E TORAGE, CORRIDOR E TAIRS, STORAGE, EM, LIGHTING FD CONN KVA CALC 2.92 1.46	VOLTS : BUS AMENTE A	%>100) VA/SF) 5%) 208Y/12 PS 200 L 100% OAD KV B 1.16 1.16 1.16 0.72 0.72 0.72 0.72	20V 3P (A C 1.16 1.16 1.16 0.72 0 0	AW CKT # 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 LARGE	CKT BKR 20/2 20/2 20/2 20/2 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	O.1 13 23.3 23.3 23.3 -PHASE AMPS AIC 22,000 MAIN BKR M LUGS STAND CIRCUIT DESCRIPTION GUEST ROOM 359 TF GUEST ROOM 355 TF GUEST ROOM 355 TF GUEST ROOM 362 TF SPACE	0.1 13 23.3 0 42.3 117 MLO DARD PHP-1 PHP-1 PHP-1 PHP-1 PHP-1 CHP-1 PHP-1 PHP-1 PHP-1	(100 (100 (100 (100 (100 (0%)))))) L A 1.16 1.16 1.16 0 0 10.1	OAD KVA B 1.16 1.16 0 0 7.81	1.16 1.16 0 0 0	LIGH ARI LARG ROOM MOUNT FED FF NOTE CKT # 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 HOTE LIGH ARI	TING EA EST MOTOR 4TH FLOOR E TING FLUSH ROM P4 CKT BKR CIRCU 20/2 GUES 20/2 GUES 20/2 GUES 20/2 GUES 20/2 GUES 20/1 FLOOF RECEF 20/1 FLOOF RECEF 20/1 FLOOF CORR 20/1 SPACI	10.7 5.35 10.7 5,350 SI 8.93 2.23 ELEC ROOM JIT DESCRIPTION TROOM 460 TPHP-1 TROOM 458 TPHP-1 TROOM 456 TPHP-1 TROOM 451 TPHP-1 TROOM 461 TPHP-1 TROOM 461 TPHP-1 TROOM 461 TPHP-1 R 4 STAIRS, CORRIDOR PTACLE R 4 STORAGE, CORRIDOR PTACLE R 4 STORAGE, CORRIDOR PTACLE R 4 STORAGE, CORRIDOR PTACLE R 5 STORAGE, CORRIDOR PTACLE R 6 STAIRS, STORAGE, RIDOR EM, LIGHTING R 7 STORAGE R 6 STORAGE R 7 STORAGE R 7 STORAGE R 8 STORAGE R 9 STORAGE R 1 STORAGE R 1 STORAGE R 2 STORAGE R 2 STORAGE R 3 STORAGE R 4 STORAGE R 4 STORAGE R 5 STORAGE R 5 STORAGE R 6 STORAGE R 7 STORAGE R 7 STORAGE R 8 STORAGE R 9 STORAGE R 1 STORAGE R 1 STORAGE R 1 STORAGE R 2 STORAGE R 3 STORAGE R 4 STORAGE R 4 STORAGE R 4 STORAGE R 5 STORAGE R 6 STORAGE R 7 STORAGE R 7 STORAGE R 1 STORAGE R 1 STORAGE R 2 STORAGE R 3 STORAGE R 4 STORAGE R 5 STORAGE R 6 STORAGE R 7 STORAGE R 7 STORAGE R 7 STORAGE R 1 STORAGE R 1 STORAGE R 1 STORAGE R 2 STORAGE R 3 STORAGE R 4 STORAGE R 4 STORAGE R 4 STORAGE R 4 STORAGE R 5 STORAGE R 5 STORAGE R 6 STORAGE R 7 S	VOLTS 2 BUS AMF NEUTRAL 1.16 1.16 1.16 0.828	75-100) VA/SF) 75-700) VA/SF) 75-700) VA/SF) 75-700) VA/SF) 75-700) VA/SF)	OV 3P A C 1.16 1.16 0.72 0 0	RECEINONC HEATI COOL TOTAL BALA 4W 4W CKT # 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42	CKT BKR 20/2 20/2 20/2 20/2 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	O.1 O.18 JS 13 32.2 32.2 PHASE AMPS AIC 22,00 MAIN BKR LUGS STA CIRCUIT DESCRIPTION GUEST ROOM 459 GUEST ROOM 455 GUEST ROOM 455 GUEST ROOM 453 GUEST ROOM 462 RTU-1 ROOF RECEPTACLE SPACE SP	0.1 0.18 13 32.2 0 53.1 147 00 MLO NDARD ON TPHP-1 TPHP-1 TPHP-1 TPHP-1 TPHP-1 TPHP-1	(100 (50% (100 (100 (0%) — 1.16 — 1.1	OAD KV B 1.16 1.16 2.98 0.18 0 11	/A 1 1 2 2
HOTEL OR MOTEL LIGHTING AREA LARGEST MOTOR DOM JRD FLOOR ELEC OUNTING FLUSH ED FROM P3 DTE TOWNS	0.7 5.35 0.7 5,350 SP 0.582 ROOM SCRIPTION M 360 TPHP-1 M 356 TPHP-1 M 354 TPHP-1 M 361 TPHP-1 TAIRS, CORRIDOR E TORAGE, CORRIDOR E TAIRS, STORAGE, EM, LIGHTING FD CONN KVA CALC 2.92 1.46	VOLTS : BUS AMENTE A	%>100) VA/SF) 5%) 208Y/12 PS 200 L 100% OAD KV B 1.16 1.16 1.16 0.72 0.72 0.72 0.72	20V 3P (A C 1.16 1.16 1.16 0.72 0 0	AW CKT # 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 LARGE MOTO HEATI COOLE TOTAL	CKT BKR 20/2 20/2 20/2 20/2 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	O.1 13 23.3 23.3 -PHASE AMPS AIC 22,000 MAIN BKR M LUGS STAND CIRCUIT DESCRIPTION GUEST ROOM 359 TF GUEST ROOM 355 TF GUEST ROOM 355 TF GUEST ROOM 362 TF SPACE	0.1 13 23.3 0 42.3 117 MLO DARD PHP-1 PHP-1 PHP-1 PHP-1 PHP-1 2 PHP-1 2 PHP-1 2 PHP-1 2 PHP-1 2 PHP-1	(100 (100 (100 (100 (0%) ————————————————————————————————————	OAD KVA B 1.16 1.16 0 0 7.81	1.16 1.16 0 0 0	LIGH ARI LARG ROOM MOUNT FED FF NOTE CKT # 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 HOTE LIGH ARI	TING EA EST MOTOR ATH FLOOR E TING FLUSH ROM P4 CKT BKR CIRCU 20/2 GUES 1 20/1 FLOOF RECEF 20/1 FLOOF RECEF 20/1 FLOOF CORR 20/1 SPACI	10.7 5.35 10.7 5,350 SI 8.93 2.23 ELEC ROOM JIT DESCRIPTION TROOM 460 TPHP-1 TROOM 456 TPHP-1 TROOM 456 TPHP-1 TROOM 451 TPHP-1 TROOM 461 TPHP-1 TROOM 461 TPHP-1 TROOM 461 TPHP-1 R 4 STAIRS, CORRIDOR PTACLE R 4 STORAGE, CORRIDOR PTACLE R 4 STORAGE, CORRIDOR PTACLE R 4 STORAGE, CORRIDOR PTACLE R 5 STORAGE, CORRIDOR PTACLE R 6 STAIRS, STORAGE, RIDOR EM, LIGHTING R 7 STORAGE EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE	VOLTS 2 BUS AMF NEUTRAL 1.16 1.16 1.16 0.828	75-100) VA/SF) 75-700) VA/SF) 75-700) VA/SF) 75-700) VA/SF) 75-700) VA/SF)	OV 3P A C 1.16 1.16 0.72 0 0	RECEINONC HEATI COOL TOTAL BALA 4W CKT # 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 MOTORECEINE HEATI COOL TOTAL BALA A 10 12 14 16 18 18 18 18 18 18 18 18 18 18 18 18 18	CKT BKR 20/2 20/2 20/2 20/2 20/1 20/1 20/1 20/1 20/1 20/1 20/1 20/1	O.1 O.18 JS 13 32.2 32.2 PHASE AMPS AIC 22,00 MAIN BKR LUGS STA CIRCUIT DESCRIPTION GUEST ROOM 459 GUEST ROOM 455 GUEST ROOM 455 GUEST ROOM 453 GUEST ROOM 462 RTU-1 ROOF RECEPTACLE SPACE CONN KV. O.1 O.18	0.1 0.18 13 32.2 0 53.1 147 00 MLO NDARD ON TPHP-1 TPHP-1 TPHP-1 TPHP-1 TPHP-1 TPHP-1 TPHP-1 TPHP-1	(100 (50% (100 (100 (0%) 1.16 1.16 1.16 1.16 1.16 1.16 1.16 1.1	OAD KV B 1.16 1.16 2.98 0.18 0 11	

Lighting S		5 (O	D4 0 1 : 1	W D.4	LGT-SU			
	Project Title:	Forms for Commercial Buildings including R2, R3,	R4 over 3 stories and a	1	Revised August 2 5/6/2019			
Project Info		Hampton Inn & Suites Addition		Date				
		on. Provide contact information for individua a about compliance form information provide		For Building Departn	nent Use			
require a password to	Company Name:	Abossein Engineering		1				
use.	Company Address:	18465 NE 68th St, Redmond, WA 98052		1				
Instructional and calculating cells	Applicant Name:	Steven Cruz		†				
are write- protected.	Applicant Phone:	425-462-9441		-				
protected.	Applicant Email:	Steven Cruz@abossein.com		1				
Project Decar		TE E		<u></u>	lana Taaludad			
Project Descri	iption	☐ New Building ☐ Addition Include PROJ-SUM form (included in env		leration —	lans Included ance forms.			
Building Add	litions	Compliance Method	I .	Interior lighting	Exterior lighting			
G		Lighting systems in addition area comply provisions as a stand alone new construc		V				
requirements.	02.2.6 for additional	Lighting systems in addition are combine building lighting systems to demonstrate						
		Addition is combined with existing: For interior lighting projects, include new Wattage table in LTG-INT-BLD or LTG-I For exterior lighting projects, include ne Tradable and Proposed Non-Tradable Li	NT-SPACE form. w + existing exterior i	lighting fixture wattage	_			
Interior and E	exterior	Lighting Power	Interior lighting	Parking garage	Exterior lighting			
Lighting Alte	rations	50% or more of existing are replaced						
	Power and Lighting at apply to the scope t. If project includes a	Less than 50% of existing are replaced						
combination of space 50% of the existing	ces where less than fixtures are replaced	Lamp and/or ballast replacement only – existing total wattage not increased						
fixtures are replaced provide separate lig compliance forms for	hting power	50% or more replaced - Total lighting power of new + existing-to-remain fixtures shall comply with total LPA per Sections C405.4.2 and C405.5.2. Include new + existing-to-remain fixtures in Proposed Lighting Wattage table in LTG-INT-BLD, LTG-INT-SPACE or LTG-EXT form.						
conditions. Spaces	undergoing the same be combined into one	Less than 50% replaced - Total lighting total lighting power prior to alteration. In Wattage table in LTG-INT-BLD, LTG-INT	clude new + existing-	-to-remain fixtures in ti				
Refer to Section C5 requirements.		50% threshold applies to number of lun installed wattage for exterior luminaires.	ninaires for interior sp	paces and parking gara	ages, and total			
•		Lighting Controls	Interior lighting	Parking garage	Exterior lighting			
All alteration lighting commissioned per (New wiring installed to serve added fixtures and/or fixtures relocated to new circuit(s)						
		New or moved lighting panel						
		Interior space is reconfigured - luminaires unchanged or relocated only						
No changes a	are heing made to	New wiring or circuit - For interior lighti sensor controls per C405.2.1, daylight re controls per C405.2.5. For exterior lightir	sponsive controls pe	r C405.2.4 and applica				
		New or moved panel - Provide all applicable lighting controls as noted for New Wiring and automatic time switch controls per C405.2.2. Reconfigured interior space - Provide all required lighting controls that apply to a new interior space.						
uses and con		Application specific lighting control provis						
changed.	ago I Igo	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).						
	ace Use	comply with LPAs for the new space	e types per Tables C4	105.4.2(1) or C405.4.2	(∠).			

Project Title:	Hampton Inn & S	e Forms for Commercial Buildings including R2, R3, R4 over 3 stories a uites Addition	Date	Revised August 2010 5/6/2019
Interior Ligh Description		Parking Lot Light Fixtures with integral motion detect equipped with night light and battery backup. Corridor fixtures and exit signs and bugeyes, stairwe battery backup, and storage room light fixtures switcl occupancy sensors. Guestroom Unit flush mounted light fixtures with wall baths. Light fixtures controlled via switches and card	tor, and 1/2 of park ill fixtures with occu hed by wall mounte	ng lot fixtures pancy sensor and d switches with hts in guestroom
Interior Ligh Allowance M	•	☑ Building Area Method Select method used in project.	pace-by-space Method	
Interior Ligh	ting Controls		C405.2 Exception 5 Lighting Control (LLL	C)
Dwelling Un Lighting	it Interior	Permanently installed interior lighting fixtures in dwelling unit C C405.2 thru C405.5 Commercial Lighting Controls and L C C406.3 High Efficacy Lighting		•
Exterior Ligh Description	ting System	N/A		

Project Title:	te Energy Code Complia		ommercial Bullum	gs including is	12, 13, 14 000	3 Stories and all F	Date	Revised August 2 5/6/2019
Calculation Area NOTE 8	Spaces where	• < 50% of (Addition - stand alone Spaces where		Addition + existin		For Building Dep	-, -,
LPA Calculation Type	Standard To comply with C4 Refer to C406.3 fc	• • • • • • • • • • • • • • • • • • •		ciency Packa ced Interior L	ighting Powe			
Maximum A	llowed Light	ing Watta	ge ^{NOTE 1}					-
Building Area	Location (plan #, room #, or ALL)		Area Desc	ription		Gross Interior Area in ft ²	Allowed Watts per ft ²	Watts Allowe (watts/ft² x are
Hotel	Hotel Addition	Hotel newly a rooms, guestr	dded spaces (g ooms, stairs)	arage, corrid	lor, storage	25857	0.70	18100
			,		Total	25857		
Proposed Li	ghting Wattag	ge						
Building Area	Location (plan #, room #)	Fix	kture Description	NOTE 2, 3, 4,	5	Number of Fixtures	Watts per Fixture NOTE 6	Watts Propos
Hotel	Lvl 2-4 New addition corridor	"L-1" LED 15\	W Recessed 5"	Downlight		62	16	967

Building Area	Location (plan #, room #)	Fixture Description NOTE 2, 3, 4, 5	Number of Fixtures	Watts per Fixture ^{NOTE 6}	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 NOTE 7
Building Area	Warnings

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

	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.
- 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 watts/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 LTG-INT-SPACE form to document compliance.

Project Title:	Washington State Energy Code Compliance Forms for Commercial Buildings including R2, R3, R4 over 3 stories and all R1 ect Title: Hampton Inn & Suites Addition Date				
Exterior Lighting Zone Table C405.5.2(1) Specified by jurisdiction.	Zone 1 Zone 2 Zo	For Building Departm	5/6/2019 ent Use		
Calculation Area	sta Alteration with < 50% Alte	ldition - and alone eration with ≥ 50 ttage replaced	Addition + existing 0% ext.		
Building Grounds Applies to luminaires > 100 Watts	☐ Efficacy > 80 lumens/watt☐ ☐ Controlled by motion sensor	Exemption -			
Tradable Maximum	Allowed Lighting Wattage	NOTE 1		Base Site Allowance:	750
Tradable Surfaces	Surface Description	Are	ea (ft²), perimeter (lf) or # of items	Allowed Watts per ft ² or per lf	Allowed Watt x ft ² (or x lf)
Main Entry Door	Exterior Stair Entrance		1	30W/LF door	30
Tradable Proposed I	ighting IA/attaga NOTE2	Total /	Allowed Tradable + S	Site Allowance Watts:	780
Tradable Proposed L	igning wattage		Number of	Watts per	Watts

Tradable Surface	Fixture Description NOTE 3, 4	Number of Fixtures	Watts per Eixture NOTE 5	Watts Proposed	
Main Entry Door	"W1" LED 40W Surface Mounted Wall Pack	1	16	16	/2\
			\ \ \		
				~	
	nay not exceed the sum of total allowed tradable ace. Any base site allowance not needed to make	Total Prop	osed Tradable Watts:	16	
	oplied to individual non-tradable categories.				
Non-Tradable Maxii	mum Allowed Lighting Wattage ∾	Site A	llowance Remaining:	750	
		Area (ft²), perimeter (lf)	Allowed Watts	Allowed Watts	

n Allowed Lighting Wattage ™	Site Allowance Remaining:		750	
Surface Description	Area (ft²), perimeter (lf) or # of items	Allowed Watts per ft ² or per lf	Allowed Watts x ft ² (or x lf)	
		, ,		
		,		
		Area (ft²), perimeter (lf)	Area (ft²), perimeter (lf) Allowed Watts	

Non-	Tradable	e Propos	ed Ligl	hting \	Nattage	e NOTE 2

Non-Tradable Surface	Fixture Description NOTE 3, 4	Number of Fixtures	Watts per Fixture NOTE 5	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

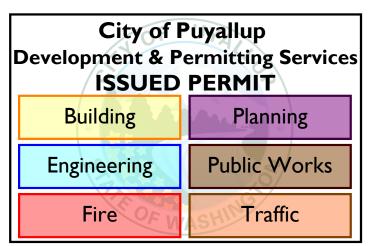
Exterior Lighting COMPLIES WITH MAX. ALLOWANCE Note 1 - List all unique exterior sufaces per Table C405.5.2(2) that occur in the project scope. Select exterior surface categories from drop

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.

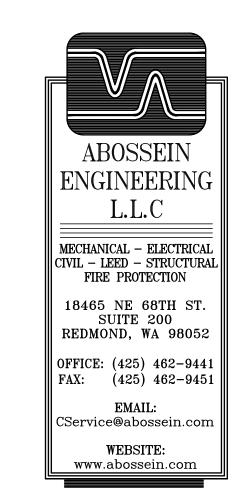
Note 5 - For proposed Watts/Fixture enter the luminaire wattage for installed lamp and ballast using manufacturer or other approved source. For luminaires with screw-in lamps, enter the manufacturer's listed maximum input wattage of the fixture (not the lamp wattage). For low voltage lighting, enter the wattage of the transformer.

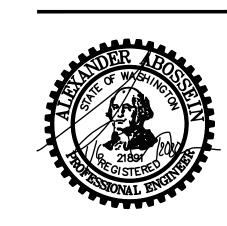




12202 Pacific Ave. Suite C Tacoma, Washington 98444 P: 253.531.4300 F: 253.537.6542 E: architects@austincina.com

↑ RESPONSE TO DRT #P-19-0050





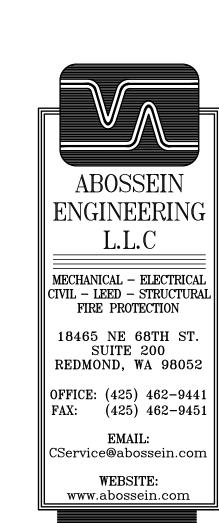
Job #: Date:

FORMS

CODE

ENERGY

January 6, 2020 Revs:





Job #: January 6, 2020 Date: Revs:

PERMIT SET

ENERGY CODE
Job † Date Revs:

FORMS

			ectrical Permit Checklist, Pg. 2 s for Commercial Buildings including R2, R3, R4 over 3 stories and all R1		LTG-CHK Revised August 2016				ectrical Permit Checklist, Pg. 3 for Commercial Buildings including R2, R3, R4 over 3 stories and all R1		LT(
roject Title					5/6/2019	Project Ti		Hampton Inn & Suite		Date	5/6/20
			permit application for compliance with the lighting, motor, and ele	ectricalrequirements	in the				permit application for compliance with the lighting, motor, and ele	ectricalrequirements	in the
pplicability		Code, Commercial Pro	visions.	Location in	Building Department	Applicabil		Code, Commercial Prov	risions.	Location in	Building
/es,no,na)	Code Section	Component	Compliance information required in permit documents	Documents	Notes	-	a) Code Section		Compliance information required in permit documents	Documents	
Yes	C405.2.5 -	Hotel/motel guest	Indicate method of automatic control - vacancy or captive key control of all installed luminaires and switched receptacles in	E4.0		INTERIO	OR LIGHTING	G POWER & EFFIC	T	· · · · · · · · · · · · · · · · · · ·	
	Item 3	rooms	guest room						Include all luminaires in lighting fixture schedule; indicate fixture types, lamps, ballasts, and manufacturer's rated watts per	E1.0	
NA	C405.2.5 - Item 4	Supplemental task lighting	Indicate method and location of automatic shut-off vacancy control for supplemental task lighting, including under-shelf or under-cabinet lighting				C405.4.1	Total connected	fixture; Identify spaces eligible for lighting power exemption on plans and in compliance forms; indicate the exception applied;	E1.0	
·		- Lighting for non- visual applications	Indicate on plans eligible non-visual lighting applications, include sq. ft. area of each lighting control zone;			Yes	C405.4.1 C405.4.2	Total connected interior lighting power	Identify lighting equipment eligible for lighting power exemption in fixture schedule and in compliance forms; indicate the	E1.0	
NA	C405.2.5 -		Indicate on plans that non-visual lighting are controlled independently from both general area lighting and other lighting						exception applied;		
	Item 5		applications within the same space;						Indicate that exempt lighting equipment is in addition to general area lighting and is controlled independently	E1.0	
			Indicate method of manual lighting control and applicable automatic lighting control			Yes	C405.3	Exit signs	Indicate location of exit signs on plans and rated watts per	E1.0, E3.0-E3.3	
	·		Indicate on plans that lighting equipment for sale or				0400.0	Exit digita	fixture in lighting fixture schedule (maximum 5 watts per fixture)	21.0, 20.0-20.0	
NA	C405.2.5 -	Lighting equipment for sale or	demonstration are controlled independently from both general area lighting and other lighting applications within the same						If high efficacy exception is applied to permanently installed lighting fixtures in dwelling units, indicate in lighting fixture		
	Item 6	demonstration	space; Indicate method of manual lighting control and applicable			NA	C405.1	Lighting in dwelling units - lamp efficacy	schedule if lamps in fixtures are high efficacy per R404.1.		
			automatic lighting control						Calculate percentage of fixtures with high efficacy lamps in project (min 75% to comply with exception).		
			Identify on plans egress fixtures that function as both normal and emergency means of egress illumination;	E3.0-E3.3			· ·		For project with dwelling units, to comply with additional		†
			Provide calculation of lighting power density of total egress	E3.0-E3.3				dwelling unit lamp	efficiency package option indicate in lighting fixture schedule if		
Yes	C405.2.5 - Item 7	Means of egress lighting	lighting; If total egress lighting power density is greater than 0.02 W/sq.	20.0 20.0	-	NA	C406.3		lamps in fixtures have efficacy rating of 60 lumens per watt or more. Calculate percentage of fixtures with lamps that have this		
		lgg	ft., indicate on plans egress fixtures requiring automatic shut-off					efficacy	efficacy rating (min 95% to comply with option).		
			during unoccupied periods; Indicate method of automatic shut-off control	E3.0-E3.3			Lighting Po	wer Calculation - Indic	ate compliance path taken		<u> </u>
			Indicate on exterior lighting plans and fixture schedules the	25.0-25.0		Yes	C405.4.2.1	Building Area Method	Complete required compliance forms – proposed wattage per building area does not exceed maximum allowed wattage per	E8.0	
			automatic lighting control method, control sequence, and locations served;				0 1001 1121 1	Damanig / Hou Mourba	building area. Identify locations of building areas on plans		
		2.7 Exterior lighting controls	For building façade and landscape lighting, indicate automatic						Complete required compliance forms – total proposed wattage		
NA	C405.2.7		controls shut off lighting as a function of dawn/dusk and fixed opening/closing time:			Yes	C405.4.2.2	Space-By-Space Method	does not exceed maximum allowed wattage. Identify locations of space types on plans, including retail display areas, lobby art		
			For all other exierior lighting, indicate automatic controls shut off	'					& exhibit display areas, and ceiling heights as applicable		
			lighting as a function of available daylight; include control sequence that also reduces lighting power by at least 30%						To comply with additional efficiency package option,		
			between 12am-6am, or from 1 hour after closing to 1 hour			Yes	C406.3	Reduced lighting	demonstrate in compliance forms that total connected interior lighting wattage is 75% less than the total maximum allowed	E8.0	
	·		before opening, or based upon motion sensor For building grounds fixtures greater than 100 watts, indicate on					power density	lighting wattage via Building Area Method or Space-By-Space		
NA	C405.5.1	Exterior building grounds lighting	plans whether fixtures have efficacy greater than 80 lumens or;			FYTERI	OR LIGHTIN	Method LIGHTING POWER & EFFICACY			Д.
		controls	are controlled by motion sensor, or are exempt lighting per C405.5.2			EXTERN		T T T T T T T T T T T T T T T T T T T	Include all luminaires in lighting fixture schedule; indicate fixture	T .	Т
		Area controls -	Indicate location(s) of master control switch(es) intended to						types, lamps, ballasts, and manufacturer's rated watts per fixture:		
NA	C405.2.5	Master control	control multiple independent switches; circuit breaker may not be used as a master control switch;					Total connected	Identify exterior applications eligible for lighting power		1
		switches and circuit power limit	Verify that no 20 amp circuit controlled by a single switch or			NA	C405.5.2	Total connected exterior lighting	exemption on plans and in compliance forms; indicate exception applied;	1	
			automatic control is loaded beyond 80%					power			
			To comply with additional efficiency package option, indicate on plans all interior lighting fixtures that are individually addressed						Indicate that exempt exterior lighting is controlled independently from non-exempt exterior lighting; include exception claimed for		
		Enhanced digital	and provided with continuous dimming, or exception taken;						each fixture or group of fixtures under exception category		
NA	C406.4	lighting controls	Include calculation of percent total installed interior lighting			NA	Table C405.5.2(1)	Exterior lighting zone	Indicate building exterior lighting zone as defined by the AHJ		
			power that is configured with required enhanced lighting control functions (min 90% to comply with additional efficiency package				C403.3.2(1)	Francisco bridginos	For building grounds fixtures rated at greater than 100 watts that	<u>.</u> t	+
			option)			NA	C405.5.1	Exterior building grounds lighting	are complying based on efficacy, indicate rated lamp efficacy (in lumens per watt) in fixture schedule		
			If claiming lighting system commissioning exemption provide supporting calculation;					Exterior lighting	Complete required compliance form – proposed wattage for		+
	C405.13	Lighting system	Identify applicable commissioning documentation requirements			NA	C405.5.2	Exterior lighting power calculations	exterior lighting plus base site allowed does not exceed		
NA	C408.3	functional testing	per Section C408 or eligibility for exception;				1 .		maximum allowed	<u>.</u>	——
			Provide written procedures for functional testing of all automatic controls and describe the expected system response								

			ectrical Permit Checklist, Pg. 4 for Commercial Buildings including R2, R3, R4 over 3 stories and all R1		LTG-CHK Revised August 201
Project Title	:	Hampton Inn & Suite	es Addition	Date	5/6/2019
		necessary to check a Code, Commercial Prov	permit application for compliance with the lighting, motor, and elements.	ectricalrequirements	s in the
Applicability (yes,no,na)	Code Section	Component	Compliance information required in permit documents	Location in Documents	Building Departmen Notes
MOTORS	& TRANSF	ORMERS			
NA	C405.6	Electrical tranformers	Include electrical transformer schedule on electrical plans; indicate transformer size, efficiency, or exception taken		
NA	C405.7	Dwelling unit electrical energy consumption	Indicate on electrical plans that each dwelling unit in Group R-2 has a separate electrical energy meter		
Yes	C405.8	Electric motor efficiency	Include all motors, including fractional hp motors, in electric motor schedule on electrical plans; indicate hp, rpm, rated efficiency, or exception applied	E9.0	
			For luminaires in each elevator cab, provide calculated average efficacy of combined fixtures that indicates efficacy is not less than 35 lumens per watt;		
NA	C405.9.1	Elevator cabs	Indicate rated watts per cfm for elevator cab ventilation fans do not exceed 0.33 watts per cfm;	,	
			Indicate automatic controls that de-energize lighting and ventilation fans when elevator is stopped and unoocupied for a period of 15 minutes or more		
NA	C405.9.2	Escalators and moving walks	Indicate escalators comply with ASME A17.1/CSA B44; automatic controls are configured to reduce operational speed to the minimum permitted when not in use		
NA	C405.9.3	Regenerative drive	Indicate all one-way down or reversible escalators are provided with a variable frequency regenerative drive		
NA	C405.10	Controlled	Identify all controlled and uncontrolled receptables on electrical plans in each space in which they are required; include receptacle configuration such as spacing between controlled and uncontrolled, duplex devices, etc;		
		receptacles	Indicate on plans whether the method of automatic control for each controlled receptable zone is by occupant sensor or programmable time-of-day control		

Lighting, Motor, and Electrical Permit Checklist, Pg.

(yes,no,na) Code Section Component Compliance information required in permit documents

The following information is necessary to check a permit application for compliance with the lighting, motor, and electrical requirements in the

For all lighting fixtures, indicate lighting control method on plans E3.0-E3.3, E4.0

daylight responsive or specific application controls), location of **E3.0-E3.3**, **E4.0**

reduction is provided, or whether lighting load is reduced via E3.0-E3.3, E4.0

during unoccupied periods (occupancy sensor or time switch) | E3.0-E3.3, E4.0

be manual-on, automatic 50%-on, or serve a space eligible for **E3.0-E3.3, E4.0**

Indicate locations of override switches on plans and the lighting E3.0-E3.3

Indicate primary and secondary sidelight daylight zone areas on E3.0-E3.3

Indicate on plans lighting zone(s) served by daylight responsive E3.0-E3.3

E3.0-E3.3, E4.0

E3.0-E3.3

for spaces and lighting zone(s) served, or exception taken

Indicate on plans all fixtures provided with LLLC in lieu of

For permanently installed lighting fixtures in dwelling units,

lighting zone(s) served, or demonstrate compliance with high

manual control device and area or specifice application it

Indicate on plans which method of manual 50% lighting load

Indicate locations where automatic shutoff is provided by other

methods (occupancy sensor or digital timer switch) or which

Indicate on plans the spaces served by occupancy sensors;

provided with occupancy sensor controls that reduce lighting

Indicate required digital timer switch control function when

Indicate toplight daylight zone areas on plans, include sq. ft.;

than 10 percent of primary daylight zone) where daylight

Identify sidelight and toplight daylight zones that are not

Indicate on plans the lighting load reduction method -

Indicate that daylight sensing controls are configured to

pletely shut off all controlled lights in the lighting zone

Indicate on plans that display and accent lighting, and display

case lighting are controlled independently from both general

area lighting and other lighting applications within the same

Indicate manual and automatic lighting control method

two even steps between 0%-100% of rated power;

responsive controls are not required, provide fenestration area

provided with daylight sensing controls and the exception(s) that

Occupancy sensor Indicate whether occupancy sensor controls are configured to

automatic 100%-on per exception

power by 50%

control is used

Yes C405.2.4.2 C405.2.4.3 Daylight zones - Sidelight and toplight

For small vertical feneration assemblies (rough opening less than 10 persont of primary daylight zone) where daylight

NA C405.2.5 Additional controls - Specific application lighting controls experience of the controls of the control of the control

plans, include sq. ft.;

ccupancy sensor Indicate aisleways and open areas in warehouse spaces

zone(s) served, include area sq. ft.

to daylight zone calculation(s)

ccupancy sensors or daylight responsive controls Indicate on plans the method of automatic shut-off control

Indicate on plans the method of manual lighting control (whether

nbined with occupancy sensor, automatic light reduction,

C405.2 lighting controls; provide description of control

capabilities and performance parameters

ighting in dwelling indicate lighting control method on plans for spaces and

Hampton Inn & Suites Addition

Lighting controls,

lighting controls

Manual interior

lighting controls

shut-off control

Automatic time

switch controls

Daylight responsive

ting controls

Display and accent

Method of automatic for all lighting zones;

Washington State Energy Code, Commercial Provisions.

LIGHTING CONTROLS

Yes C405.2

NA C405.1

Yes C405.2.2.2

Yes C405.2.2.2

Yes C405.2.2

Yes C405.2.2.1

Yes C405.2.4

NA C405.2.5 -

Items 1&2 lighting

C405.2.1.1

C405.2.4

C405.2.5

C405.2.3

C405.2.1

C405.2.1.1

NA C405.2.1.2 controls -

NA C405.2.6 Digital timer switch

LTG-CHK

5/6/2019

End of Lighting, Motor & Transformer Permit Documents Checklist	

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

LTG-CHK

5/6/2019

Documents Notes





MECHANICAL EQUIPMENT SCHEDULES

Addition to Hampton Inn & Suites Hampton Inn & Suites 1515 S. Meridian, Puyallup, WA

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

GENERAL SCHEDULE

NEMA

VOLTS

120V 1P 2W

208V 3P 3W

208V 2P 2W

208V 2P 2W

AMPS

3.9

3.9

3.5

3.5

3.5

4.17

3.9

24.79

30

30

KVA

0.47

0.47

0.42

0.42

0.42

0.42

0.5

0.47

8.93

6.24

6.24

HP

1/8 HP

1/8 HP

1/10 HP

1/10 HP

1/10 HP

1/10 HP

1/8 HP

CIRCUIT

M2 - 22

M2 - 22

M2 - 24

M2 - 22

P1-1,3

P1-5,7

M4-22,24,26

SYMBOL

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CALLOUT

CP-1

CP-2

EF-1

EF-1

EF-1

EF-1

GWH-1

RTU-1

HWCP-1

VEHICLE CHARGER

VEHICLE

CHARGER

Job #:
Date:
Revs:

E9.0

January 6, 2020



12202 Pacific Ave. Suite C Tacoma, Washington 98444 P: 253.531.4300 F: 253.537.6542 E: architects@austincina.com

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$\sqrt{1}$	RESPONSE TO DRT #P-19-0050

Г	
	ABOSSEIN
	ENGINEERING
	L.L.C
	MECHANICAL – ELECTRICAL CIVIL – LEED – STRUCTURAL FIRE PROTECTION
	18465 NE 68TH ST. SUITE 200 REDMOND, WA 98052
	OFFICE: (425) 462-9441 FAX: (425) 462-9451
	EMAIL: CService@abossein.com
	WEBSITE: www.abossein.com





FAULT CURRENT &
ARC FLASH SCHEDULE
Addition to Hampton Inn & Suites
Hampton Inn & Suites
1515 S. Meridian, Puyallup, WA

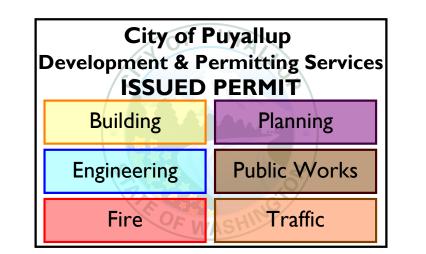
Job #:

Date: January 6, 2020 Revs:

E9.1

DEVICE FA	FAULT	AIC	L-N		UTILITY		FED FROM				FEEDER						TRANSFORMER							DIRECTLY CONNECTED MOTOR LOAD			
		RATING	VOLTS	FAULT	X	R	DEVICE	FAULT	X	R	SIZE	X / 1000'	R / 1000'	LENGTH	X	R	KVA	Z%	XR RATIO	FAULT AT PRIMARY	X	R	MOTOR FAULT	KVA	FAULT	X	R
PSE XFMR	61,248	65,000	120V	60,386	0.001949	0.0003897											500	2.3	5	UTILITY	0.001949	0.0003897	862				
MSB A	54,054	65,000	120V	53,389	0.002168	0.0005922	PSE XFMR	60,386	0.001949	0.0003897	(8)#600kcm AL	il 0.0049	0.0045	45'	0.0002	0.0002							665				
MSB B	55,248	65,000	120V	54,385	0.002134	0.0005607	PSE XFMR	60,386	0.001949	0.0003897	(8)#600kcm AL	nil 0.0049	0.0045	38'	0.0002	0.0002							863				
P2	6,247	22,000	120V	5,967	0.01022	0.01732	MSB B	54,385	0.002134	0.0005607	#250kcmil AL	0.041	0.085	197'	0.0081	0.0168							280				
M2	5,919	22,000	120V	5,640	0.01073	0.01838	P2	5,967	0.01022	0.01732	#250kcmil AL	0.041	0.085	12'	0.0005	0.0011							279	24.8	275	0.4229	0.1057
P1	4,024	22,000	120V	3,929	0.01254	0.02786	P2	5,967	0.01022	0.01732	#1/0 AL	0.044	0.2	53'	0.0023	0.0105							95				
Р3	5,857	22,000	120V	5,594	0.0108	0.01853	MSB B	54,385	0.002134	0.0005607	#250kcmil AL	0.041	0.085	211'	0.0087	0.018							263				
М3	5,580	22,000	120V	5,317	0.01129	0.01954	P3	5,594	0.0108	0.01853	#250kcmil AL	0.041	0.085	12'	0.0005	0.001							263	23.4	260	0.4483	0.1121
P4	5,680	22,000	120V	5,319	0.01129	0.01954	MSB B	54,385	0.002134	0.0005607	#250kcmil AL	0.041	0.085	223'	0.0092	0.019							361				
M4	5,429	22,000	120V	5,067	0.01178	0.02055	P4	5,319	0.01129	0.01954	#250kcmil AL	0.041	0.085	12'	0.0005	0.001							362	32.3	359	0.3244	0.0811

DEVICE	REQUIRED	VOLTAGE	ARCINO	G TIME	WORKING	INCIDENT	ARC-FLASH-PROTECTION		
	PPE		@ 100% @ 85% ARCING ARCING CURRENT CURRENT (SECONDS) (SECONDS)		DISTANCE	© 100% ARCING CURRENT (CAL/CM²)	BOUNDARY DISTANCE		
PSE XFMR	3	208V	0.2	0.3	1'-6"	10.64	6'-6"		
MSB A	3	208V	0.2	0.3	1'-6"	9.68	6'-2"		
MSB B	3	208V	0.2	0.3	1'-6"	9.84	6'-3"		
P2	1	208V	0.2	0.3	1'-6"	1.89	2'-3"		
M2	1	208V	0.2	0.3	1'-6"	1.81	2'-3"		
P1	1	208V	0.2	0.3	1'-6"	1.35	1'-10"		
Р3	1	208V	0.2	0.3	1'-6"	1.8	2'-2"		
М3	1	208V	0.2	0.3	1'-6"	1.73	2'-2"		
P4	1	208V	0.2	0.3	1'-6"	1.76	2'-2"		
M4	1	208V	0.2	0.3	1'-6"	1.7	2'-2"		



SECTION 16000 - ELECTRICAL SPECIFICATIONS

GENERAL

1. GENERAL CONDITIONS:

A. The General Conditions, Supplementary Conditions and Special Conditions are a part of this contract and apply to this section as fully as if repeated herein.

2. SCOPE:

- A. This section of specifications includes, but is not limited to:
- B. All labor, tools, appliances, materials and equipment required to furnish and install the complete installation shown on the drawings for this section of the work and/or in the following specifications, including that which is reasonably inferred.

CODES AND REGULATIONS:

- A. All work and materials shall be in accordance with applicable requirements of public authorities having jurisdiction and utilities furnishing services.
- B. Codes governing this work include but are not limited to the latest approved edition of the following:

National Fire Protection Association's National Electrical Code (NEC). Occupational Safety and Health Act (OSHA).

Local Ordinances and Regulations.

4. STANDARDS:

A. Electrical material and equipment shall have been tested and listed or labeled as conforming to approved published standards by Underwriters Laboratories where such listing or labeling service is available for the class of materials or equipment. Where applicable, listing or labeling shall apply to the complete assembled equipment and not to the components alone.

5. SUBMITTALS:

- A. Three copies of materials list, shop drawings and data sheets shall be submitted to Architect &/or Construction Manager for review. Submittals shall be made and favorable review secured before material and equipment is installed.
- B. Materials list shall include fixtures, switchgear, panels, devices, wireways, disconnects, lamps and all other specified or unspecified standard cataloged materials to be used. The list shall include manufacturer, type and such other descriptive data as may be required to determine the acceptability of each item.
- C. Shop drawings and data sheets for equipment and systems shall be submitted where required in the specification for those items. Include information on each component, wiring diagrams, layouts, dimensions and sufficient other data to establish compliance with the specifications and acceptability of the equipment or system.

6. PERMITS AND DRAWINGS

A. Permits and inspections shall be the responsibility of the electrical contractor.

7. AS-BUILT DRAWINGS:

A. On a set of contract drawings, kept at the site during construction, mark all work that is installed differently from that shown, including any revised circuitry, material or equipment. Upon conclusion of work, deliver to Owner's Rep. Construction Manager a set of signed and dated "as-built" drawings.

8. GUARANTEE

- A. All work shall be guaranteed for a minimum period of one year from the date of acceptance by the Owner. The guarantee period for certain items shall be longer, as indicated in the specification for those items.
- B. Should any malfunction develop during the guarantee time period due to defective material, faulty workmanship, or non-compliance with plans, specifications, codes or directions of the Owner, Architect, Engineer or Inspector, the Contractor shall furnish all necessary labor and materials to correct the malfunction with out additional charges.

PRODUCTS

1. DRY TYPE TRANSFORMERS:

- A. Dry Type transformers shall be convection air cooled insulated winding type, constructed so that all applicable standards are met or exceeded C. Switches shall be as listed below: (i.e. vent openings, corrosion resistance, cable bending space, ground provisions, sound levels and surface and temperature rise). Acceptable manufacturers will be: Square D, Siemens, General Electric, Cutler Hammer or approved equal.
- B. Transformers shall be provided with: (6) 2 1/2 taps (four FCBN and two FCAN), Class H insulation for 115C degree C. temp rise, ventilated sheet metal enclosure, mounting rails and rubber vibration isolator between core and coil.
- C. Coils shall be insulated with thermosetting varnish in accordance with NEMA ST20 standards for 200 degree C. insulation system as recognized by Underwriter's Labotatories.
- D. Transformer shall be wound for 480 volt, 3 phase, 3 wire delta primary and 208/120 volt, 3 phase, 4 wire wye secondary. Transformer shall be designed for operation at 60 Hertz and sound levels shall not exceed 60 decibels.

3. PANELBOARDS:

- A. Panelboards shall be factory assembled circuit breaker type. The number of poles, type, voltage and ampere ratings shall be as indicated on the drawings. Bussing shall be aluminum or copper (see panel schedules).
- B. Neutral wires shall be connected to a common neutral bus with binding screws or lugs. The neutral bus shall be insulated from the cabinet. Ground wires shall be connected to a common equipment ground bus with binding screws or lugs. The ground bus shall be bonded to the cabinet.
- C. Cabinets shall be flush mounted. Cabinets shall be constructed of galvanized steel conforming to UL and NEC
- D. Fronts of cabinets shall be not less than 12 gauge steel fastened with screws in countersunk washers, or with approved concealed spring clamps. Cabinet fronts shall have hinged lockable doors with milled keys (all panels shall be keyed alike) and circuit schedule holders with clear plastic windows. Provide typewritten schedules in holders and submit copies for record purposes. Doors shall be fastened to trim with full length flush hinges. Panel fronts shall be shop painted with 2 coats of primer and a finish coat of gray enamel.
- E. Special panelboard construction or features shall be as shown on drawings. For circuit breakers, contactors and other equipment to be included as an assembled part of the panelboard, refer to the paragraph where those items are specified.
- F. All conductor terminals and equipment enclosures shall be U.L. listed for use with minimum 75°C. rated conductors.
- G. Panelboard directory for each panel shall be neatly typed indicating actural load for each branch circuit.
- H. Provide signage for all panelboards & switchboards warning qualified persons of potential flash hazard as required in N.E.C. 110

4. CIRCUIT BREAKERS:

- A. Circuit breakers shall be by the same manufacturer that furnishes the main service equipment and panelboards.
- B. Breakers shall be molded case bolt-on type. Clamp-on, push—on, or plug—in types are not acceptable Removable handle ties and dual, quad or tandem breakers are not acceptable. Mounting hardware, accessories, faceplates and enclosures shall be provided as necessary for the intended use.
- C. Short circuit interrupting capacity shall be as indicated on the plans and shall in no case be less than 10,000 rms symmetrical amps at the applied voltage.

5. DISCONNECT SWITCHES:

- A. Switches shall be by Square—D, Cutler Hammer, or equivalent.
- B. Switches and enclosures shall be general duty. They shall be externally operated, quick-make, blade type, of numbers of poles and rating indicated or required.
- C. Enclosures shall be NEMA I for dry, interior locations and NEMA 3R for damp, wet or exterior locations. Finish shall be ANSI 61. Covers shall have a defeatable interlock. Operating handles shall be padlockable.
- D. Short circuit withstand ratings shall be 200,000 rms symmetrical amps.
- E. Switches shall accept fuses of the rating and UL or NEMA
- F. Submit data sheets of the disconnect switches as required under "Submittals'
- G. All conductor terminals and equipment enclosures shall be U.L. listed for use with minimum 75° C. rated conductors.

6. MANUAL MOTOR STARTERS:

- A. Where shown on the plans, fractional horsepower motors shall toggle type manual starters with thermal overload protection in each phase. Where the motor is out of sight of the switch provide a pilot light in the cover to indicate switch is closed.
- B. Submit data on starters as required under "Submittals".

7. SNAP SWITCHES:

- A. AC general use snap switches shall be toggle handle, quiet operating, premium or heavy duty specification grade, UL listed and verified to meet Federal Specification W—S—896—d and NEMA heavy duty tests. Color shall be white.
- B. All switches shall be rated 120/277 volts. For the 20 amp size, HP ratings shall be 1 for 120V and 2 for 240V.

- 1. 20A SPST Hubbell 1221, Leviton 1221 or P & S 521 D. Switches required but not listed shall have equivalent
- quality as those listed above.

8. RECEPTACLE OUTLETS:

- A. Receptacle outlets shall be standard NEMA configuration, grounding type.
- B. General convenience outlets shall be 20 amp, 125 volt, 2 pole, 3 wire grounding. Outlets shall be UL listed and verified to meet Federal Specification W—C—596—c and NEMA heavy duty performance tests.

Building

Engineering

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Planning

Public Works

Traffic

- C. Convenience outlet fronts shall be white. Color shall be brown on wood paneled walls. Confirm color with architect.
- D. Outlets shall be as listed below: (numbers do not include color designation or options).

20A Convenience - Hubbell 5352, Leviton 5362, or P & S 5362

E. Special outlets, not listed above, shall be standard NEMA configuration for the application shown and shall be of equivalent grade and quality to those listed above. An approved cord cap or plug shall be furnished with each receptacle outlet except general convenience type. Plug shall be of the same grade, quality and manufacturer as the outlet.

9. DEVICE & BOX COVER PLATES:

- A. Provide a plate for each outlet, receptacle, switch, device
- B. Plates for flush interior general use shall be white plastic. Color shall be brown on wood paneled walls. Confirm plate colors with architect prior to ordering.
- C. All plates for exterior use shall be listed and labeled "Suitable for Wet Location while in Use"
- D. Ganged devices shall have gang plates exactly matching the arrangement and quantity of devices.
- E. Special plates, engraving or application shall be as indicated on the drawings or otherwise specified.

10. OUTLET AND JUNCTION BOXES:

- A. The size of each outlet or junction box shall be determined by the number and sizes of wires and conduits entering the box, per NEC, but shall be not less than 4-inch square and 1-1/2inches deep unless otherwise noted.
- B. Outlet and junction boxes for interior use shall be galvanized, one-piece pressed or welded steel, knockout type, except where other types of boxes are indicated or specified. manufactured for that purpose shall be used. Plastic, fiber or composition boxes will not be permitted.
- C. Outlet and junction boxes for surface exterior use shall be cast boxes, Crouse-Hinds FS type, or approved equivalent.

11. CONDUITS AND FITTINGS:

- A. Standard weight rigid metal conduit shall be hot dipped galvanized, All fittings shall be of the screw thread type. Couplings, locknuts, bushings, etc., shall be hot dipped
- B. Electrical metallic tubing (EMT) shall be galvanized. Couplings and connectors shall be galvanized. Fittings shall be compression type with gland sealing rings or set screw type.
- C. Flexible conduit shall be galvanized steel or aluminum. Where used in damp or wet locations flexible conduit shall be of the liquid—tight type with outer neoprene jacket and suitable liquid-tight fittings.
- D. Rigid non-metallic conduit shall be PVC Schedule 40, U.L. approved. All couplings, fittings, solvent cement, etc...

12. WIRE AND CABLE:

- A. Wire and cable for use on systems of 50 volts to 600 volts shall be 600 volt rated type THW or THHN for branch circuits. Feeders shall be THHN or THWN (see riser).
- B. Wire and cable for use on systems of below 50 volts shall be 300 volt PVC insulated and suitable for the class of wiring except as otherwise indicated or specified.
- C. All conductors shall be copper.

13. LIGHTING FIXTURES AND LAMPS:

- A. Fixtures shall be complete with all required accessories and equipment, including lamps, necessary for a complete installation. Contractor shall receive, unpack, assemble and install fixtures indicated as being furnished by others.
- B. Fluorescent ballasts shall be CBM, ETL approved, high power factor "P" rated with a sound rating of "A". Ballasts for interior use shall be high frequency electronic type with a THD of less than 20%. Fixtures shall comply with local lighting codes.

Sylvania, color as indicated on plans. All A—type lamps shall be

adapters, hangers, stems, canopys, special ballasts or lenses and

other materials necessary to properly purchase and mount the

D. Verify the ceiling or wall construction, voltage and the mounting requirements of each fixture and provide plaster frames, special flanges, concrete pour housings, boxes, brackets,

C. 4' fluorescent lamps shall be F32T8 type by Phillips, GE or

E.. Submit shop drawings on all fixtures as required under Submittals". "Shop Drawings" may be catalog data sheets if complete information including mounting hardware is shown and identified. Shop drawings shall include mounting details and show compatibility with the ceiling or other equipment.

14. NAMEPLATES AND LABELS

- A. Nameplates shall be provided for circuit breakers in the main switchboard, switches, and to identify each panelboard and similar items which are furnished or installed under this section.
- B. Nameplates shall be engraved laminated plastic with characters cut through the black top layer to white layer below.

15. PHOTO ELECTRIC SWITCHES:

- A. Photo electric switches and photo controllers shall be Honeywell. Type of mounting, poles, voltage, wattage rating and arrangement shall be as shown on plans.
- B. Submit shop drawings as required under "Submittals". Catalog sheets will be adequate if all information is shown.

16. TIME SWITCHES:

- A. Time switches shall be Intermatic or Tork. Type of mounting, poles, voltage, ampacity and arrangement shall be as shown on drawings or required by conditions. Time switches controlling lighting shall have battery backup and any other features shown on the plans or required for proper operation.
- B. Enclosures shall be NEMA I for interior dry locations.

17. MAGNETIC MOTOR STARTERS:

- A. Motor starters shall be horsepower rated non-reversing, full voltage of type required by motor with overload thermal
- B. Submit shop drawings as required under "Submittals".

18. RELAYS:

- A. Relays for motor control shall be heavy—duty industrial type, magnetically held, with both normally open and closed contacts.
- B. Submit shop drawings as required under "Submittals".

EXECUTION

. INSTALLATION AND CONNECTION OF ELECTRICAL **EQUIPMENT**

A. Equipment furnished by others shall be completely connected to the electrical system except as noted on the drawings. All fuses, breakers and disconnects shall be provided as necessary for proper protection. Provide all flexible conduit, boxes, fittings, receptacles, cords, plugs and other material required for proper installation. Refer to manufacturer's directions where applicable.

2. WORK ON HVAC AND PLUMBING SYSTEMS:

- A. Complete power circuits, including breakers, switches, disconnects, wire and conduit, outlets and connections to HVAC and plumbing equipment shall be provided under this section.
- B. Starters and controllers shall be provided under this section except where part of a package unit or panel specified in Division 15.
- C. HVAC and plumbing control and interlock wiring regardless of voltage, and conduits for same, will be wired and connected under this

3. INSTALLATION OF CONDUIT:

- A. Standard weight rigid metal conduit shall be used where exposed to the weather, placed underground below concrete slab, in concrete or masonry construction in contact with earth, and where shown on the plans.
- B. Galvanized steel electrical metallic tubing shall be used in above ground, interior, dry locations protected from weather and physical damage, and may be used in concrete or masonry construction not in contact with earth.
- C. Flexible metallic conduit shall be used where shown on the plans and to connect conduit systems to motors, direct wired and vibrating equipment and as a final connection to lighting fixtures (6' max) in accessible ceilings. It may be used as a wiring system instead of EMT in interior walls only (dry frame or stud construction).
- D. Liquidtight flexible metal conduit shall be used for final electrical connections to roof top or other equipment exposed to the enviornment.
- E. Rigid non—metallic conduit may be used for all underslab or underground work in place of standard weight rigid metal and where specifically specified. All runs of rigid non-metallic conduit shall contain a separate green ground wire adequately sized for service intended. Where required to continue above slab, stub non-metallic conduit 6" above slab then make proper transition to metal conduit.
- F. All rigid steel conduit installed in the ground shall be wrapped with Hunt's Process No. 3, PVC coated or encased in 3" concrete on all sides.
- G. The minimum sizes of conduit shall be code size for the number and size of conductors, unless a larger size is shown, in which case such larger size shall be used.

I. Where portions of raceways or sleeves enter areas such as

- H. All final connections to motors shall be flexible metal conduit and as shown on drawings.
- cold storage or where passing from the interior to the exterior of a building, the raceway or sleeve shall be filled with an approved material to prevent the circulation of warm air to a cooler section of the raceway or sleeve.

4. INSTALLATION AND CONNECTION OF WIRING:

- A. No Romex cable will be permitted on this project. All wiring shall be installed in conduit, wireways, or gutters, except where other raceway systems or methods are
- B. Clean out and dry all conduit and wireways before pulling any wires. Use no lubricant except as recommended by the wire or cable manufacturer.
- C. Make all connections and splices necessary to properly complete the electrical wiring. Connections and splices shall be made only in pull, junction or outlet boxes, or in switchboards, wireways or panels having sufficient code sized gutter space. Connections and splices in wires smaller than No. 6 AWG shall be made with spring type connectors, and in wires No. 6 AWG and larger shall be made with compression, vise type, or split bolt solderless connectors, insulated and taped.

5. TELEPHONE SYSTEM:

flush telephone plate.

- A. Furnish and install complete conduit and terminal system for telephone services as indicated on drawings.
- B. Install a 1/8-inch polyethylene pull-in wire in each conduit
- C. Telephone wall outlets shall be 4-11/16 inch square by 2-1/8inch deep metal boxes, with plaster ring and single bushed outlet
- D. Furnish and install 3/4-inch conduit from the telephone equipment room main telephone backboard to nearest accessible cold water ground. *This conduit should be terminated in such a manner that access to grounding device may be had at any time in the future.

*-Per NEC 250 & NEC 800

6. GROUNDING:

A. Make good mechanical and electrical contact at all poles, panelboards, switchboards, outlet boxes, junction boxes, and wherever the conduit run is connected. Permanently and effectively ground all conduit, fixtures, motors and other equipment as required by all applicable codes, regulations and standards. NEC 250

7. CLEANING AND PROTECTION OF PRODUCTS AND PREMISES

- A. At frequent intervals during the time of construction, the Contractor shall clean up after his work and remove his debris from the premises, leaving the building and grounds clean to the Owner's satisfaction.
- B. The Contractor shall take all necessary precautions to protect all materials, equipment and property, whether electrical or not, from damage as a result of his work.

8. CHECKING AND TESTING OF **EQUIPMENT AND SYSTEMS:**

- A. Panels, disconnects, starters and other equipment installed under this section shall be inspected for defects and tested for proper operation.
- B. Systems shall be tested for short circuits, open circuits and wrong connections and shall be free from mechanical and electrical defects. Circuits shall be tested for proper neutral and ground connections.

9. TEMPORARY CONSTRUCTION POWER & TELEPHONE:

A. Electrical Contractor shall provide all labor, cost and materials required for installation and maintenance of temporary construction power and telephone. Construction power shall be minimum of 100A, 120/208V /1 phase, 4W, with provisions for one 50A, 208V, 2P, 4W grounding receptacle and four 120V, 20A, 1P receptacles.

10. SUBSTITUTIONS:

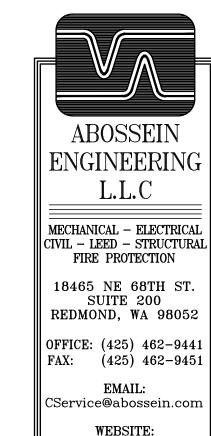
- A. Alternative manufacturer's will be considered for electrical devices, switches, outlets, etc. not provided by owner.
- B. Catalogs, data sheets or shop drawings shall be submitted to the construction manager for all alternative manufactured equipment as required under "Submittals".

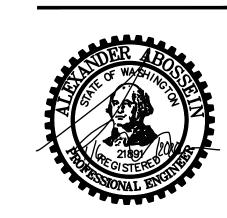
THE FIRE ALARM SYSTEM IS "DESIGN BUILD" BY THE SUCCESSFUL ELECTRICAL CONTRACTOR ALONG WITH THEIR FA SYSTEM EQUIPMENT SUPPLIER/SUBCONTRACTOR AND MUST MEET ALL REQUIREMENTS FOR ALL APPLICABLE CODES AND AUTHORITY HAVING JURISDICTION. DRAWINGS PROVIDED IN THE BID PACKAGE ARE GENERIC FA REQUIREMENTS AND ARE NOT TO BE CONSIDERED DESIGN DOCUMENTS. THE BID PACKAGE DRAWINGS DO NOT INDICATE SPECIFIC LOCAL REQUIREMENTS, THE NUMBER OF ACTUAL DEVICES OR EXACT FINAL LOCATIONS REQUIRED TO SATISFY INSPECTING AUTHORITY. BIDDERS WILL CONTACT THE INSPECTION AND PLAN REVIEW BEFORE BID PREPARATION. CERTAIN OWNER REQUIREMENTS DEFINED WITHIN THE FA SPECIFICATIONS MAY HAVE MORE STRINGENT FIRE SAFETY AND DEVICE REQUIREMENTS THAN THAT REQUIRED BY THE AHJ. WHEN THERE IS A CONFLICT BETWEEN OWNER REQUIREMENTS AND THE AHJ REQUIREMENTS, THE MOST STRINGENT OF THE TWO WHICH IS NOT IN VIOLATION OF ANY ENFORCABLE CODE OF JURISDICTION SHALL BE |INCLUDED IN THE "DESIGN BUILD" PACKAGE. BIDDERS SHALL INCLUDE ALL COMPONENTS | WIRING, AND SHOP DRAWINGS FOR A COMPLETE "TURN KEY" SYSTEM. NO ADDITONAL CHARGES WILL BE CONSIDERED FOR ANY REQUIRED FA COMPONENTS OR WIRING WHICH WAS NOT INCLUDED IN THE ORIGINAL FA BID.

AUSTINCINA architects p.s.

12202 Pacific Ave. Suite C Tacoma, Washington 98444 P: 253.531.4300 F: 253.537.6542 E: architects@austincina.com







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