## CINCO SALES

## ELECTRICAL DRAWINGS



www.kirbyelectric.com

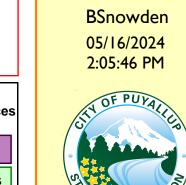
PROJECT MANAGER	DENNIS RISHKOVOY	DENNISK@KIRBYELECTRIC.COM				
FOREMAN						
DRAWING/DESIGN INFORMATION	Gurleen Toor	GURLEENT@KIRBYELECTRIC.COM				
DRAWING/DESIGN INFORMATION	BRIAN MISHCHUK	BRIANM@KIRBYELECTRIC.COM				

Approval of submitted plans is not an approval of omissions or oversights by this office or non compliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable codes and regulations of the local government.

The approved construction plans, documents, and all engineering must be posted on the job at all inspections in a visible and readily accessible location.

Full sized legible color plans are required to be provided by the permitee on site for inspection.

City of P Development & Pe ISSUED	ermitting Serv
Building	Planning
Engineering	Public Wor



City of Puyallup

**REVIEWED** 

PRCTI20240571

**REVISIONS:** 

<u>/8</u> (2024-04-15) BACKGROUND UPDATE AND LIGHTING LAYOUT <u>∕</u>**9** (2024−05−15) LIGHTING SUMMARY ADDED

<u>nà</u> (2024–05–15) LIGHTING SUMMARY UPDATED

COVER SHEET

Sheet List Table

SITE PLAN

POWER PLAN

LIGHTING PLAN

COVER SHEET

Sheet Number

E0.00

E0.01

E1.01

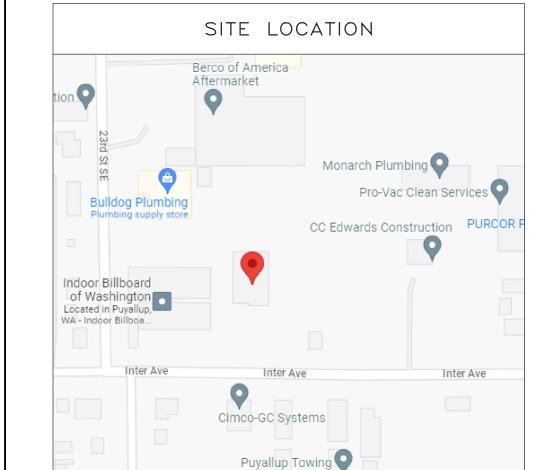
E2.01 E3.01

E6.01

Sheet Title

EQUIPMENT SCHEDULES

ONE-LINE RISER DIAGRAM



		GH													
LIGHTING CO	OMPLIAN	ICE SUN	MARY												
2021 WSEC Compliance F	orms for Comn	ercial Building	s including Grou	p R2, R3 &	R4 over 3 stor	ies and all R1							Administe	red by: ©2024	NEEA, All rights reserve
	Project Title					Sales - 2021 V	VSEC	For Buil	ding Depar	rtment Use:				Date	e: May 15, 202
roject & Applicant		Projec	Project Address 2315 Inter Ave Puyallup, WA 98372												
nformation			ant Name			Gurleen Toor									
			ant Phone ant Email			53-478-7955 @kirbyelectr	ic.com	_							
			ns about this repo	ort, contact V	WSEC Comme	ercial Technic	al Support at 3	60-539-530	0 or via en	nail at com.te	chsupport(	@waenergyco	des.com		
General Occupancy		Il Commercial		General B	uilding Use Ty	/pe				Industrial	Building	Cond. Floor	Area		4,988
			ilding or		Interior Lig	_	Altera	ution				Cond. Floor A	rea		4,788
General Project Types	New Buildin	Additio Lightin			Exterior Lig			ng Scope				bove Grade nce Method			I General Prescriptive
ighting Project			-					Warehouse			Compila	ilee made			General Freseripaire
Description															
ighting Compliance	Project	Type	Interior / E		Luminaire	Replacement	Scope		Comp	liance Meth	od		A Calculati		Compliance
cope			& park	ing)			Сорс						Adjustment		Verification  COMPLIES
nd Method	New Bu New Bu		Interior Li Exterior L						В	uilding area			plicable to e	ents selected exterior	COMPLIES
Additional Energy Efficiency (AEC)	No lighting	or electrical add	litional energy eff		Load Mar-	gament (I D	M) Measures	Included	•		NT-				•
Afficiency (AEC) Aeasures Included		neasures inclu			Load Mana	gешепт (LDI	vi) ivieasures	ruciaaea			No	, riginang or ele	curcar road	management m	neasures included in proje
Duniant Title	Cimco Sales	2021 11/01	e.c.											Deta	Iav 15 2024
Project Title	Cinico Sales	- 2021 WSI												Date M	Iay 15, 2024
Lighting Power Calcu	ılation	NEW	BUILDING -	- INTERI	OR LIGHT	ΓING				Compl	iance Ve	erification		C	OMPLIES
Compliance Method			Bu	ilding area	ı		LPA	Calculation	Adjustme	nt					none
					Interio	or Lighting P	ower Allowa	nce - Buildin	ng Area						
Building Areas		Gross Interior	Area (SF)		LPA (Watts		Tota	Watts Allo	wed			oposed Watts			oliance Status by
Warehouse		4,788	. ,		0.40		(5	1.915	1)		By Bu	ilding Area 905			uilding Area COMPLIES
	_					D 1		D '							
						Proposed	Lighting Pow	er Density		T					Total Watts
Fixture Type/Applicat	tion Fixtu	re ID Bui	lding Area				Fixtures, C inaires (#F)	ixtures, CLDs or Fixture, CLI			Dor Total Linear		Watts per Lin Foot (WpLl		
						Lum	Luminaire		aire (WpF	(WpF) Feet (LF)		(LF x			
ndividual Fixtures	spended X	1 1	arehouse		New			2			4				8
	spended X spended F		arehouse		New			10			69				690
Sus	spended F	E W	arehouse		New			3			69				207
Project Title	Cimco Sales	- 2021 WSI	ec.											Data N	Iav 15, 2024
Troject ritie	Cilico Sales													Date	1ay 13, 2024
Proposed Fixtures De	etails	NEW	BUILDING -	- INTERI	OR LIGHT	ΓING									
Fixture Type/Appli	cation	Fixture	ID		Location in l	Documents		I	атр Турс		Buildi	ing Area		New or Exist	ting-to-Remain
ndividual Fixtures	Suspended	X1			E3.0	01			LED		Ware	ehouse		1	Vew
			ion: Exit Combo	EM				1		Ar			vithin a dayl	ight zone?: No	
		o these fixture F1	s require specific	application	lighting contro E3.0		luired	1	LED		Wor	ehouse			lew
	Suspended F		ion: 8' Strip Light	t	E3.0	)1			LED	Ar			vithin a dayl	ight zone?: No	
			s require specific	application	<u> </u>		juired					_			
	Suspended	F1E	ion: 8' Strip Light		E3.0	01			LED	Ar		ehouse	vithin a davl	ight zone?: No	lew
			s require specific		lighting contro	ols?: None rec	luired				o unese mi	itares foculear	Tunni u uu ji	gitt zone rto	
		2024 WGT	16											D	
D 1 (70)	<u>'</u>	- 2021 WSE	.C											Date M	Iay 15, 2024
Project Title	Cimco Sales			EXTER	IOR LIGH	TING						Comp	liance Ver	rification C	OMPLIES
•	Cimco Sales		BUILDING -					_	ase Site Al	lowance					560
ighting Power Calcu	Cimco Sales		BUILDING -	2,,,,,		ONE 4		B							
Project Title Lighting Power Calcu	Cimco Sales		BUILDING -				ghting Power							$\overline{}$	
Lighting Power Calcu	Cimco Sales	NEW					ghting Power	Allowance	LPA		l Watts A		Tot	al	
ighting Power Calcu	Cimco Sales	NEW	BUILDING -		z	Exterior Li	Line	Allowance	LPA Watts/LF)		l Watts A LPA x SF (LPA x L	) or	Tot Proposed		Compliance Status
Lighting Power Calcu	Cimco Sales	NEW			Surface	Exterior Li LPA	Line	Allowance ar LF) (V	<b>Watts/LF)</b> 19.6	(	LPA x SF (LPA x L 5,696	) or			Compliance Status
ighting Power Calcu xterior Lighting Zone Exterior Surfa	Cimco Sales	NEW	ace Sub-Type		Surface	Exterior Li LPA	Line Feet (	Allowance ar LF) (V	Watts/LF)	( )	LPA x SF (LPA x L	) or		d Watts	Compliance Status  COMPLIES
Lighting Power Calcu Exterior Lighting Zone Exterior Surfa	Cimco Sales	NEW	ace Sub-Type		Surface Area (SF)	Exterior Li LPA (Watts/SF	Line Feet (	Allowance Par LF) (V	19.6 te Allowan	( )	LPA x SF (LPA x L 5,696 560	) or	Proposed	d Watts	•
Lighting Power Calcu Exterior Lighting Zone Exterior Surfa	Cimco Sales	NEW	ace Sub-Type		Surface Area (SF)	Exterior Li LPA (Watts/SF	Line Feet (	Allowance Par LF) (V	19.6 te Allowan	(ce als	LPA x SF (LPA x L 5,696 560 6,256	) or	Proposed	d Watts	-
Lighting Power Calcu Exterior Lighting Zone Exterior Surfa	Cimco Sales	Surf Pedestria	ace Sub-Type	tts	Surface Area (SF)	Exterior Li LPA (Watts/SF	Line Feet (	Allowance LF) (V	Vatts/LF)  19.6  te Allowan  Tota  sity  ity of	Watts Wattage	LPA x SF (LPA x L 5,696 560 6,256 or Limit	Total Line	Proposed 560	1 Watts 0 atts per Linea	COMPLIES  Total Watts r Proposed
Exterior Surfa Building entrances an	Cimco Sales	Surf Pedestria	ace Sub-Type	tts	Surface Area (SF)	Exterior Li LPA (Watts/SF	Line Feet (	Allowance LEF) (V  Base Si	Vatts/LF)  19.6  te Allowan  Tota  sity  ity of	( ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	LPA x SF (LPA x L 5,696 560 6,256 or Limit	() or (F)	Proposed 560	1 Watts	COMPLIES  Total Watts
Exterior Surfa Building entrances an	Cimco Sales  ce  nd exits  Fixture IE	Surf Pedestria	ace Sub-Type n entrances & exi	Exterior S	Surface Area (SF)  Pr Surface Type	Exterior Li LPA (Watts/SE	Line Feet ( 29  cior Lighting	Allowance LEF (V  Base Si  Power Dens  Quant Fixture	19.6 te Allowan Tot: sity ity of es (#F)	Watts Wattage per Fixt (Wpl	LPA x SF (LPA x L 5,696 560 6,256 or Limit	Total Line	Proposed 560	1 Watts 0 atts per Linea	COMPLIES  Total Watts Proposed (#F x WpF) or (LF x WpLF)
ighting Power Calcu xterior Lighting Zone  Exterior Surfa  Building entrances an	Cimco Sales  Ilation  ce Indexits  Fixture IE Indexid WI	Surf Pedestria	ace Sub-Type	Exterior S	Surface Area (SF)  Pr Surface Type	Exterior Li LPA (Watts/SE	Line Feet ( 29  rior Lighting	Allowance LF) (V	19.6 te Allowan Tota sity ity of es (#F)	Watts Wattage per Fixt	LPA x SF (LPA x L 5,696 560 6,256 or Limit	Total Line	Proposed 560	1 Watts 0 atts per Linea	COMPLIES  Total Watts r Proposed (#F x WpF) or

CALLOUT	SYMBOL	DESCRIPTION	MODEL	INPUT WATTS	QUANTITY
F1	1	8' STRIP LIGHT CHAIN HUNG	ESL-CSS-800-8-3369W-3050K-2DHOC	69	10
F1E	1	8' STRIP LIGHT CHAIN HUNG EMERGENCY	ESL-CSS-800-8-3369W3050K-2DHOC/EMG	69	3
W1		WALL PACK	ESL-FCWP-60W-140-PC	60	3
W1EM	E.	EMERGENCY WALL PACK	ESL-FCWP-60W-14-PC-EMG	60	2
W2		WALL PACK	ESL-FCWP-65110W-23050-ff	65	4
X1	8	EXIT COMBO EM	LITHONIA -269XW8- ECRGHOSQM6	4	2

RECEPTACLE

SYMBOL

 $\Rightarrow$ 

 $\bigoplus$ 

Telephone and Data Schedule

QUANTITY

SYMBOL QUANTITY

SYMBOL QUANTITY

 $\bigcirc$ 

SCHEDULE

CALLOUT

DEDICATED

QUADPLEX

CALLOUT

Computer Outlet

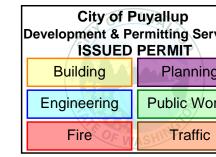
SWITCH

CALLOUT

THERMOSTAT

SCHEDULE

<i>EQUI</i>	PMENT SCH	EDULE	7			
CALLOUT	DESCRIPTION	SYMBOL	VOLTS	KVA	HP	MAKE/MODEL
DF-1	DESTRATIFICATION FAN	$\odot$	240/120	0.04		BIG ASS FANS HAIKU
DF-2	DESTRATIFICATION FAN	$\bigcirc$	240/120	0.04		BIG ASS FANS HAIKU
DF-3	DESTRATIFICATION FAN	$\bigcirc$	240/120	0.04		BIG ASS FANS HAIKU
DF-4	DESTRATIFICATION FAN	$\bigcirc$	240/120	0.04		BIG ASS FANS HAIKU
EF-1	EXHAUST FAN	$\bigcirc$	120	0.53	1/6 HP	GREENHECK SQ-80-VG
EH-1	ELECTRIC UNIT HEATER	$\Theta$	240/120	5		INDEECO 926U05000UA-R2
EH-2	ELECTRIC UNIT HEATER	$\Theta$	240/120	5		INDEECO 926U05000UA-R2
FLC-1	FORK LIFT CHARGER		240/120	0.1	F HP	
L-1	LOUVER	$\bigcirc$	120	0.1	F HP	GREEHECK ESD-403
L-2	LOUVER	$\bigcirc$	120	0.1	F HP	GREEHECK ESD-403
RH-1	RADIANT HEATER	$\Theta$	240/120	0.75		INDEECO AS2448-750-208-PT



City of Puyallup
Development & Permitting Services
ISSUED PERMIT Public Works Traffic

PRCTI20240571

**REVISIONS:** (2024-04-15)
BACKGROUND
UPDATE AND
LIGHTING LAYOUT (2024-05-15)
LIGHTING SUMMARY
ADDED

(2024-05-15) LIGHTING SUMMARY UPDATED

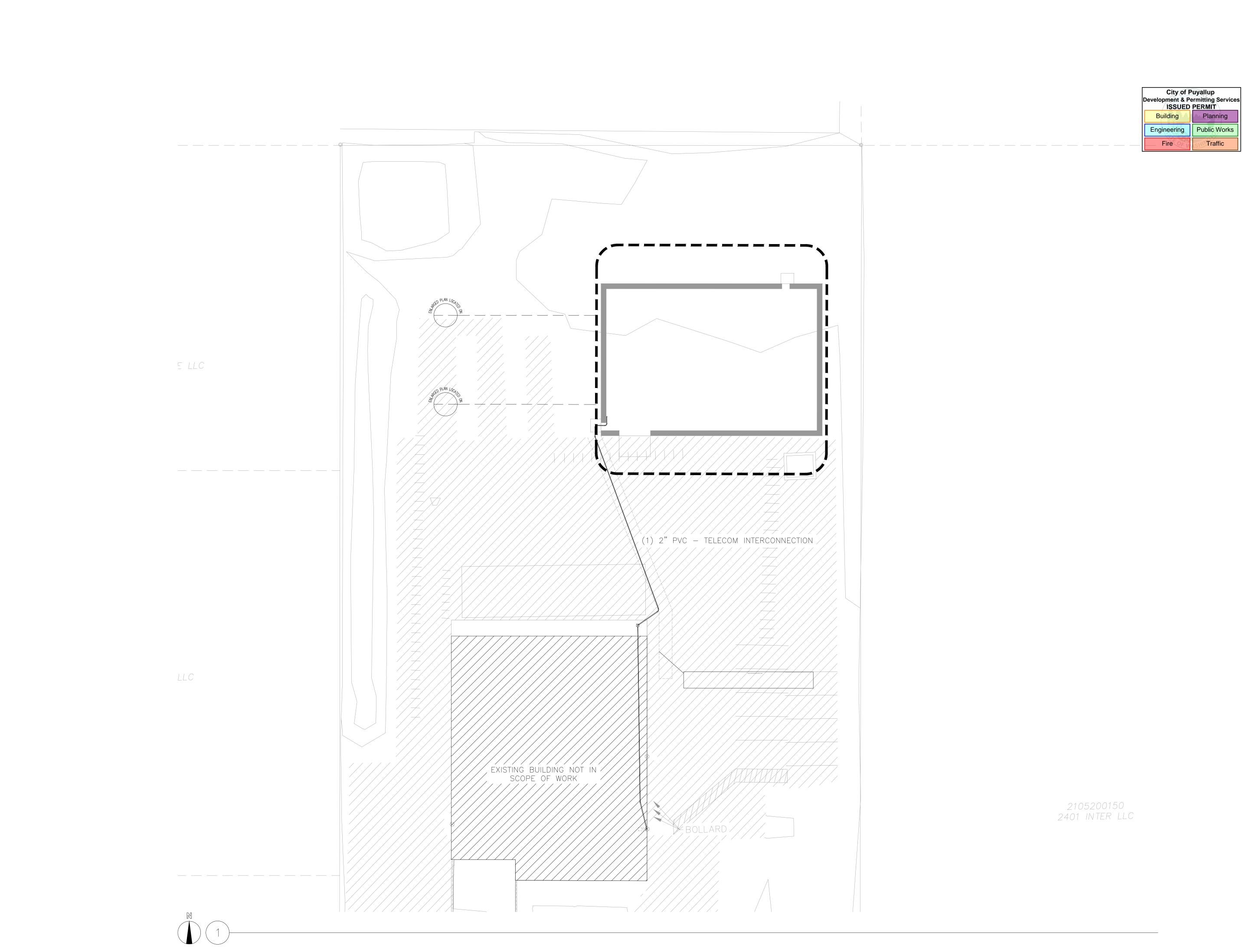
EQUIPMENT SCHEDULES

DATE: 05-15-24

DRAWN BY: C.V.S.

CHECKED BY: \_

JOB NO.:23-025

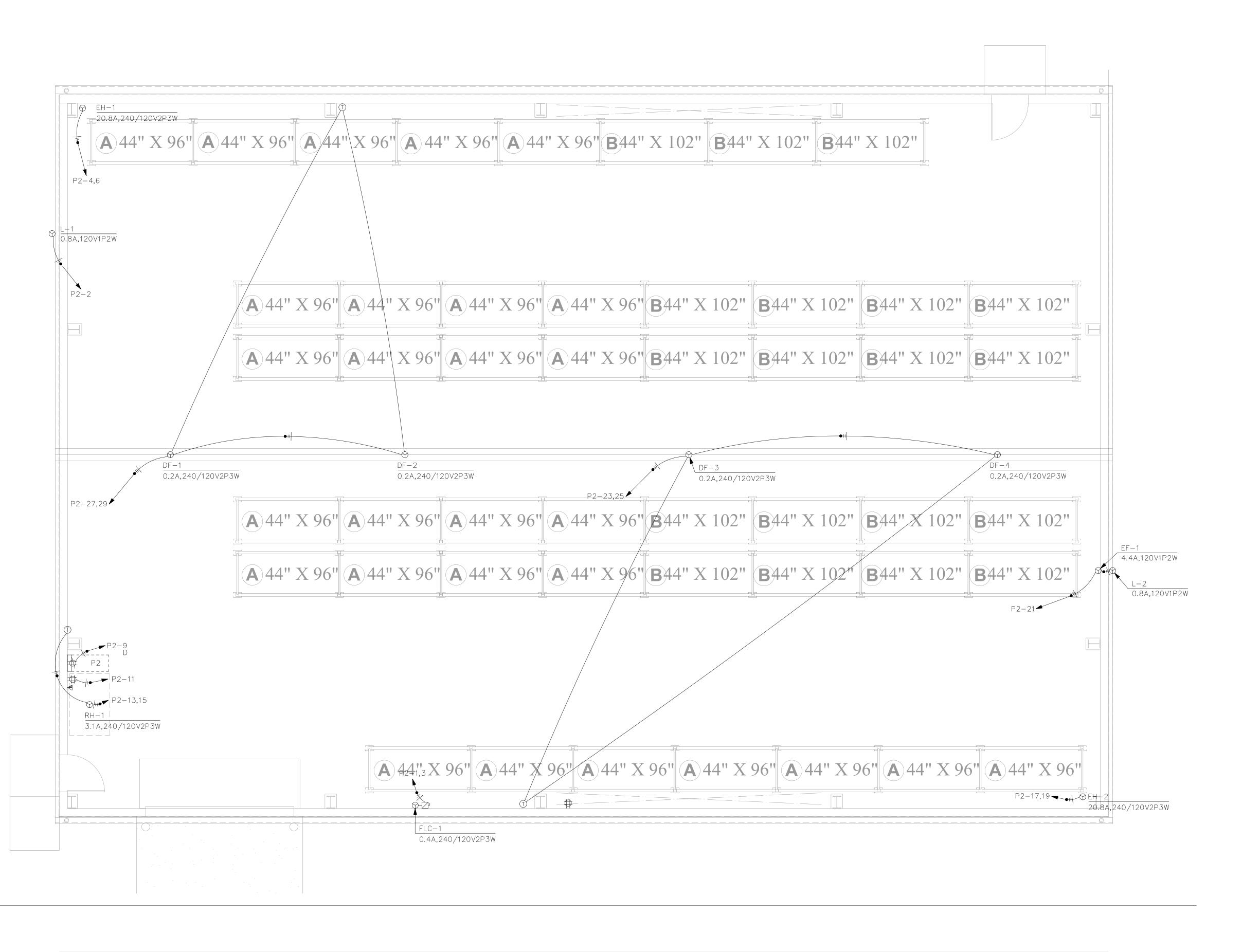


REVISIONS:

(2024-04-15)
BACKGROUND
UPDATE AND
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(2024-05-15)
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UPDATED

SITE PLAN



PRCTI20240571

**REVISIONS:** 

(2024-04-15)

BACKGROUND

UPDATE AND

LIGHTING LAYOUT (2024-05-15) LIGHTING SUMMARY ADDED

(2024-05-15) LIGHTING SUMMARY UPDATED

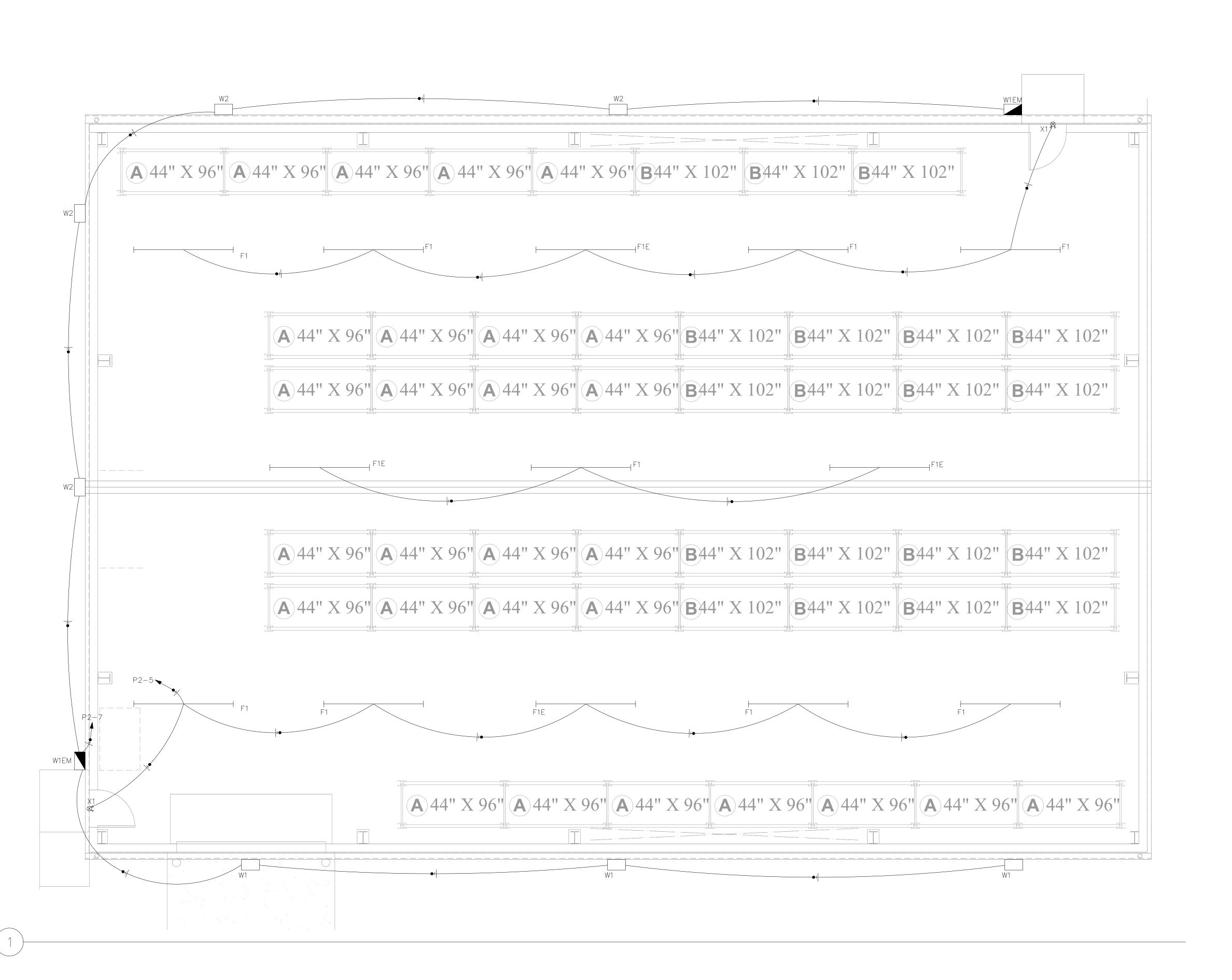
POWER PLAN

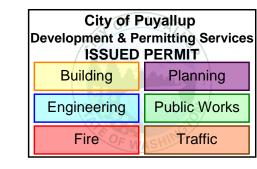
DATE: 05-15-24

DRAWN BY: C.V.S.

CHECKED BY: \_

JOB NO.:23-025





City of Puyallup Development & Permitting Services ISSUED PERMIT

REVISIONS:

(2024-04-15)
BACKGROUND
UPDATE AND
LIGHTING LAYOUT (2024-05-15) LIGHTING SUMMARY ADDED

(2024-05-15) LIGHTING SUMMARY UPDATED

LIGHTING PLAN

DATE: 05-15-24

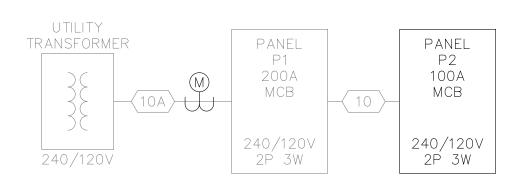
DRAWN BY: C.V.S

CHECKED BY: 
JOB NO.:23-025

MOUNTING SURFACE BUS AMI				LTS 240/12 S AMPS 10	)	3W			AIC 65,000 MAIN BKR 1					
NOTE	RUM P	I		NE	UTRAL 100%	, o				LUGS STAND	PARD			
CKT	CKT				LOA	D KVA	CKT	CKT					LOAD	KVA
#	BKR	CIRCUIT	DESCRIPTION	V	A	В	#	BKR	CIRCUIT	DESCRIPTION			A	В
1	20/2	FLC-1			0.05		2	20/1	L-1				0.1	
3		INTEDIO			1.04	0.05	4	30/2	EH-1				0.5	2.5
5 7	20/1 20/1	1	R LIGHTING R LIGHTING		1.04	0.56	6 8	   20/1	SPACE				2.5	0
9	20/1		JACK RECEF	PTACLE	1.5	0.00	10	20/1	SPACE				0	
11	20/1	1	ECEPTACLE			0.36	12	20/1	SPACE					0
13	20/2	RH-1			0.375	į.	14	20/1	SPACE				0	
17	1 30/2	   EH-2			2.5	0.375	16	20/1 20/1	SPACE SPACE				0	0
19					2.0	2.5	20	20/1	SPACE					0
21	20/1	EF-1, L			0.628	+	22	20/1	SPACE				0	
23   25	20/2	DF-3, D	)F-4		0.042	0.042	24	20/1	SPACE SPACE					0
27	1 20/2	   DF-1, D	F-2		0.042	0.042	26 28	20/1 20/1	SPACE				0	0
29		, , ,	_		0.042	1	30	20/1	SPACE				0	
31	20/1	SPACE				0	32	20/1	SPACE				_	0
33   35	20/1 20/1	SPACE SPACE			0	0	34	20/1 20/1	SPACE SPACE				0	0
37	20/1	SPACE			0		38	20/1	SPACE				0	
39	20/1	SPACE				0	40	20/1	SPACE					0
41	20/1	SPACE			0		42	20/1	SPACE				0	
									TOT	AL CONNECTE	D KVA BY P	'HASE	8.78	6.43
			CONN KV	A CALC KVA	,					CONN KVA	CALC KVA			
LIGH	TING		1.6	2	 (125%)		RECE	PTACLES	5	1.86	1.86	- (50%	ر <sub>2</sub> >10)	
	GEST MC	TOR	0.528	0.132	(25%)		HEAT			10.8	10.8	(100	•	
MOT	ORS		0.955	0.955	(100%)		COOL	lng		0.042	0	(0%) -	)	
								L LOAD	2.4.5		15.7			
							BALA	ANCED LO	JAD		65.4 A			

FEEDER SCHEDULE							
ID	FEEDER AMPS	CONDUIT AND FEEDER					
(10)	100	1-1/4"C,2#1/0 AL,#1/0 AL N,#8G					
(10A)	200	2"C,2#250kcmil AL,#250kcmil AL N,#4G					

SIZING METHOD: Aluminum





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

REVISIONS: (2024-04-15)
BACKGROUND
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