

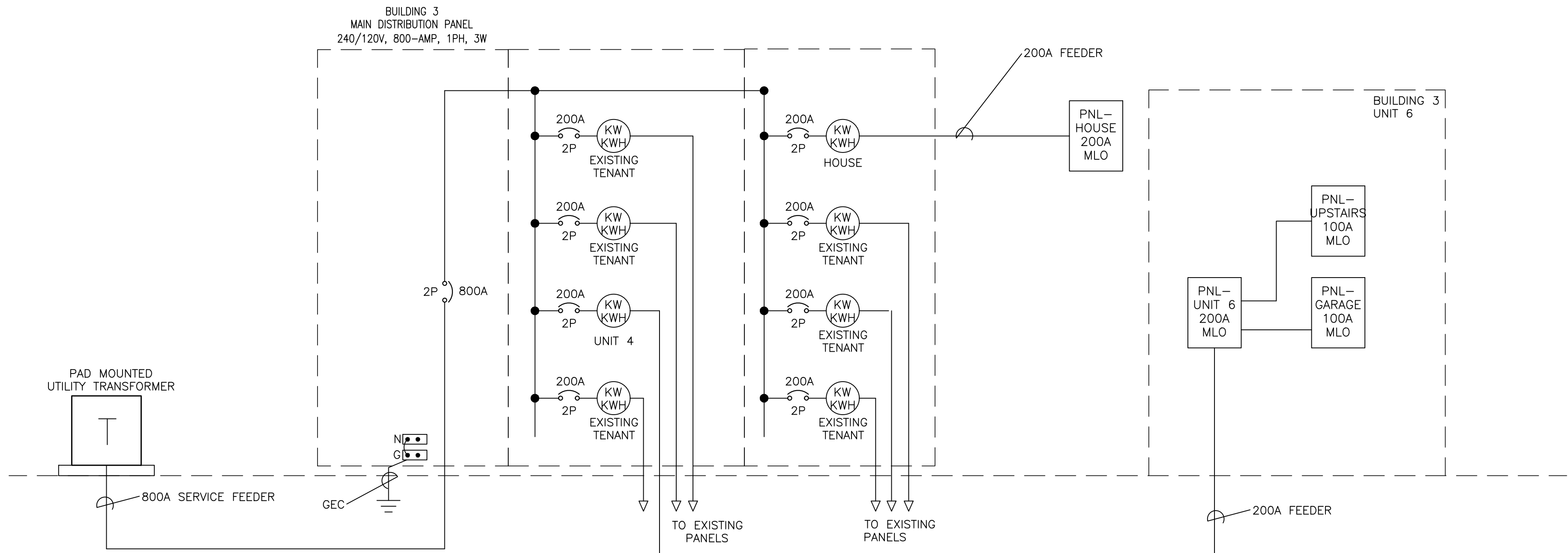


DIAGRAM NOTES

- ALL WORK SHOWN IS EXISTING UNLESS OTHERWISE NOTED.
- BRING ANY DISCOVERED CODE VIOLATIONS TO THE OWNER'S ATTENTION.
- ALL WIRING SHOWN IS SIZED FOR COPPER CONDUCTORS, UON

2 SINGLE LINE DIAGRAM – BLDG 3, UNIT 6
NTS

GENERAL NOTES

- ALL WORK SHOWN IS NEW, UNLESS NOTED OTHERWISE.
- ALL WORK TO BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE, 2020 EDITION.
- SEAL ALL CONDUIT PENETRATIONS OF FLOORS AND FIRE RATED ASSEMBLIES TO MAINTAIN FIRE RATING.
- PROVIDE NEW TYPEWRITTEN DIRECTORIES REFLECTING WORK PERFORMED FOR ALL NEW PANELBOARDS IN THIS PROJECT.
- PLANS ARE PREPARED WITH REQUIRED BRANCH CIRCUITS INDICATED BY CIRCUIT NUMBERS. PROVIDE AND INSTALL ALL CONDUITS, CONDUCTORS, BOXES, MISCELLANEOUS FITTINGS, ETC. FOR A COMPLETE AND OPERABLE SYSTEM (HOMERUN SHOWN). BRANCH CIRCUIT INSTALLATION SHALL COMPLY WITH SPECIFICATIONS AND N.E.C.
- ALL NEUTRAL CONDUCTORS ON POWER BRANCH CIRCUITING ROUNDHOUSES TO BE #10 AWG UNLESS NOTED OTHERWISE.

ELECTRIC LOAD SUMMARY

Load Tab

Client Name: SEAD
Project Name: Riverfront Industrial Park - BLDG 3, UNIT 6
Project No: 2024003
Date: October 8, 2025

	TYPE	SQ. FT.		
	Residential	2354		
	VA/S.F. OR QTY.	VA	TOTAL	NOTES
GENERAL LIGHTING LOAD				
GENERAL LIGHTING	3	7,062	7,062	Per NEC 220.82(B)(1)
SMALL APPLIANCE	2	1,500	3,000	Per NEC 220.82(B)(2)
LAUNDRY	1	1,500	1,500	Per NEC 220.82(B)(2)
TOTAL			11,562	
APPLIANCE LOADS				
REFRIGERATOR	1	1,200	1,200	Per NEC 220.82(B)(3) & (4)
DISHWASHER	1	1,200	1,200	
DISPOSAL	1	1,200	1,200	
MICROWAVE / HOOD	2	1,200	2,400	
RANGE	2	8,000	16,000	
DRYER	1	5,000	5,000	
HEAT TAPE	1	1,500	1,500	
HOT TUB	1	5,000	5,000	
STEAM	1	5,000	5,000	
BOILER	1	200	200	
GARAGE DOOR	1	1,500	1,500	
GARAGE 15A	1	500	500	
GARGE 50A	1	8,000	8,000	
			48,700	
GEN. LTG AND APPLIANCE LOAD			60,262	
DEMAND FACTOR				NOTES
100% FIRST 10,000 VA		10000		Per NEC 220.83
40% FOR REMAINDER OF LOAD		20105		Per NEC 220.82(B)
TOTAL			30,105	
HEATING & COOLING				Per NEC 220.82 C
AC UNIT	1	5,000	5,000	
TOTAL			5,000	
TOTAL (VA)			35,105	Gen. Ltg & Appl. Load + AC
			146 AMPS @ 240V, 1-PH	

1 LOAD CALCULATION– BLDG 3, UNIT 6
NTS

RIVERFRONT INDUSTRIAL PARK

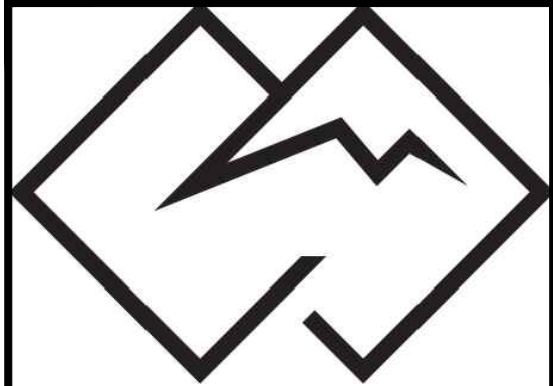
1522 Shield Dr
Steamboat Springs, CO

SEAD

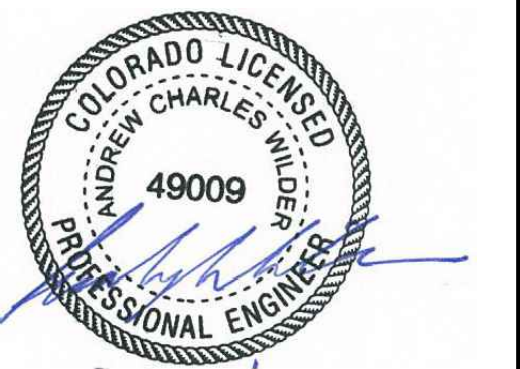
2740 Acre Lane, Suite E
Steamboat Springs, CO

Reviewed for
Code
Compliance

10/09/2025



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Issue	By	Date & Issue Description	By
–	PERMIT SET	– 10.8.25	AW

Scale:	NTS 24x36
Description:	ONE LINE, LOAD CALCS
Project Name:	RIVERFRONT - BLDG 3, UNIT 6
Project Number:	2024003
Sheet No.	E-1.11