

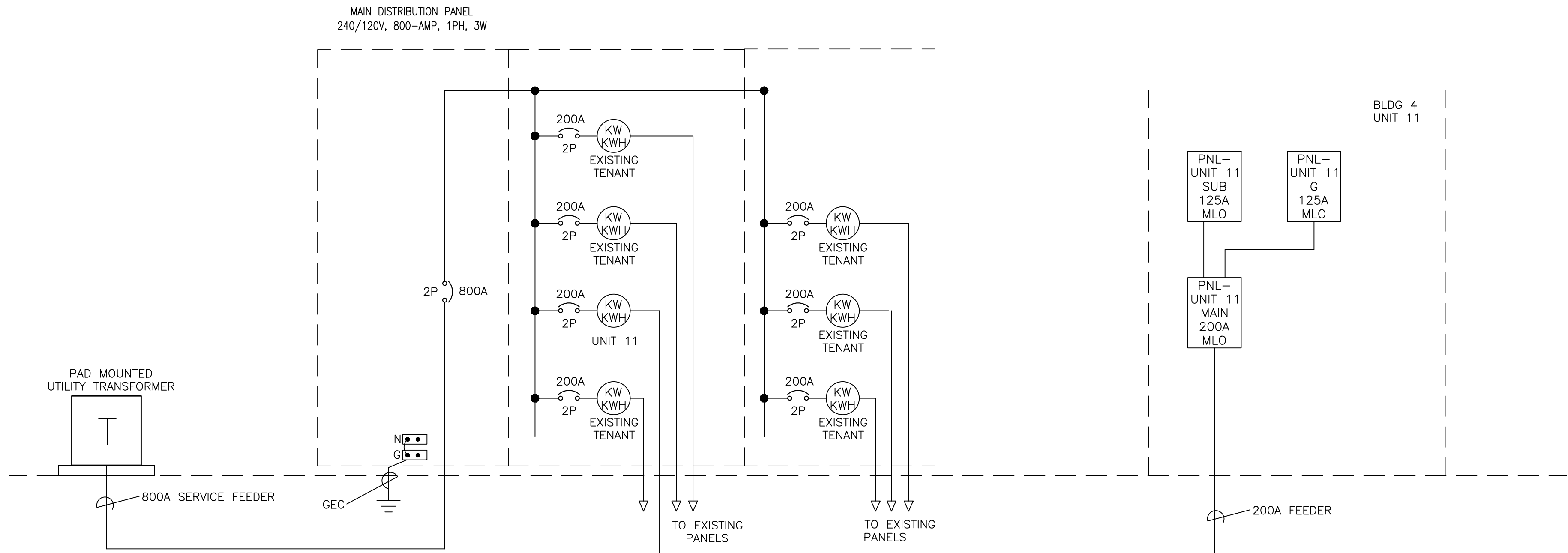


DIAGRAM NOTES

- 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 4, UNIT 11

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		Client Name: SEAD	
Load Tab		Project Name: Riverfront Industrial Park - BLDG 4, UNIT 11	
		Project No: 2024003	
		Date: October 10, 2024	
	TYPE	SQ. FT.	
	Residential	2485	
	VA/S.F. OR QTY.	VA	TOTAL
GENERAL LIGHTING LOAD			
GENERAL LIGHTING	3	7,455	7,455
SMALL APPLIANCE	2	1,500	3,000
LAUNDRY	2	1,500	3,000
TOTAL			13,455
APPLIANCE LOADS			Per NEC 220.82(B)(3) & (4)
OVEN	1	7,000	7,000
OVEN	1	5,000	5,000
REFRIGERATOR	2	1,200	2,400
DISHWASHER	2	1,200	2,400
DISPOSAL	2	1,200	2,400
RANGE HOOD	1	750	750
HEAD	2	3,000	6,000
DRYER	2	5,000	10,000
HEAT TAPE	1	2,500	2,500
GARAGE DOOR	1	1,500	1,500
MICROWAVE	1	1,200	1,200
BOILER	1	250	250
			41,400
GEN. LTG AND APPLIANCE LOAD			54,855
DEMAND FACTOR			
100% FIRST 10,000 VA			10000
40% FOR REMAINDER OF LOAD			17942
TOTAL			27,942
HEATING & COOLING			Per NEC 220.82.C
			0
TOTAL			0
TOTAL (VA)			27,942
		Gen. Ltg & Appl. Load + AC	
		116 AMPS @ 240V, 1-PH	

1 LOAD CALCULATION– BLDG 4, UNIT 11

NTS

RIVERFRONT INDUSTRIAL PARK

1522 Shield Dr
Steamboat Springs, CO

SEAD

2740 Acre Lane, Suite E
Steamboat Springs, CO

Reviewed for
Code
Compliance

10/06/2025



WILDER ENGINEERING LLC
Andrew Wilder PE
1170 Blue Sage Drive
Steamboat Springs, CO 80487
P: 970-819-7848
E: andy@wilder-eng.com



Issue	By	Date & Issue Description	By
–	PERMIT SET	– 10.10.24	AW

Scale:	NTS
	24x36
Description:	ONE LINE, LOAD CALCS
Project Name:	RIVERFRONT - BLDG 4, UNIT 11
Project Number:	2024003
Sheet No.	E-1.10