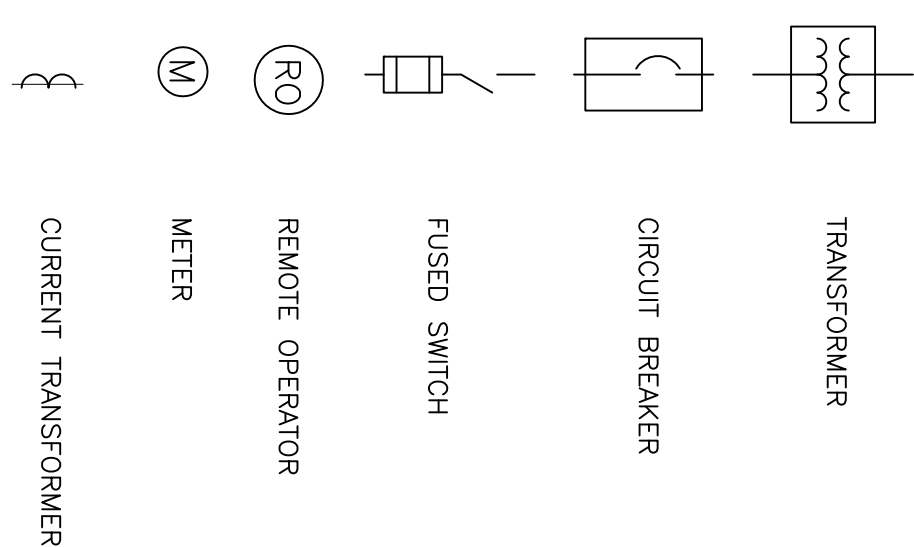


1. PROVIDE NEW TYPED PANELBOARD SCHEDULES FOR ALL PANELBOARDS AFFECTED BY WORK.

- ### PANELBOARD NOTES:

1 DEMO EXISTING 1,200A 480V PANEL

- 2 DEMO EXISTING SIDE TAP FROM TRANSFORMER TO EXISTING 480V EXTERIOR PANEL AND SEAL. SECONDARIES TO NEW CHILLER #1 SWITCH SHALL TAP FROM BOTTOM OF TRANSFORMER.
- 3 SEE ELECTRICAL METER DETAIL THIS SHEET AND METER LOCATION ON SHEET E102.



E501

SCALE: NONE



- [illegible]

E501

SCALE: NONE

[illegible]

EEC-28

208' 00" 90% AW
225' 0" ALLO

PANELBOARD

(EXISTING)

SERIES: 120/288V GENERAL LOADS

LOCATION: BOILER ROOM

MOUNTING: SUPRAE

10.000 MC

DISCREPTION	UNIT OF MEASUREMENT			COLUMBIA, MO.			PI. BRKT. WIRE	DISCREPTION
	WIRE BRKT. PL.	KVA/A	KVA/B	KVA/C				
3 vacuum pump "a" (2)	40 3	3.84	3.84				3	4
7 HEAT TRACE	20 1	1.44	6.72				3	70
9 refriger heater (2)	20 1		1.92	6.72			2	30
11 existing load (2)	20 1	0.72	2.50				2	30
15 SERVICE RECEPTACLE	15 1			0.00	2.50		2	30
17 spcone			0.00	2.50			2	30
18 spcone		0.00	2.50					
21 spcone			0.00	0.18			1	20
22 SERVICE RECEPTACLE				0.00	1.92		1	20
25 existing load (2)		0.00	1.92				1	20
26 existing load (2)				0.00	1.92		1	20
27 spcone			0.00	1.92				
29 full of shut-off (2)				0.00	0.00			
32 spcone		0.00	0.00					
33 spcone		0.00	0.00					
35 spcone			0.00	0.00				
37 spcone		0.00	0.00					
41 spcone			0.00	0.00				
TOTALS:	23.47		20.92		20.74		KVA	
PER NEC ARTICLE 220		196		174			KVA	
TOTAL LOAD		174		174			KVA	
FEEDER LOAD	66.12			181			AMPS	

THE PROFESSIONAL ENGINEER'S SEAL ON THIS DRAWING HAS BEEN AFFIXED IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 327, RSMo. IN AFFIXING THIS SEAL THE ENGINEER TAKES RESPONSIBILITY FOR THE WORK SHOWN ON THIS DRAWING ONLY, AND HEREBY DISCLAIMS ANY AND ALL RESPONSIBILITY FOR OTHER PROJECT DRAWINGS NOT DIRECTLY BEARING THIS SEAL.

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MO E-30125