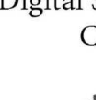


one eighth inch = one foot

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Digitally signed by
John G. Ross, PE
Date: 2023.03.24
12:00:46 -04'00'

**Engineering
Service**



**VETERANS HEALTH CARE SYSTEM
OF THE OZARKS**

VA | U.S. Department
of Veterans Affairs

12BN2

SERVED FROM: 12BN1
LOCATION: ELEC 262-01
MOUNTING: SURFACE

AMPERE RATING: 225 A
MAIN TYPE:
LUG OPTIONS:

VOLTAGE (L-L): 208 V
VOLTAGE (L-N): 120 V

PHASE: 3
WIRE: 4
MIN. KALC:

REMARKS:

#	TRIP	POLE	LOAD DESCRIPTION	CODE	WIRE SIZES (H/NG OR H/G)	COND SIZE	A	B	C	COND SIZE	WIRE SIZES (H/NG OR H/G)	CODE	LOAD DESCRIPTION	POLE	TRIP #		
1	20 A	1	RECEPTACLE LOAD	R	1-#12, 1-#12, 1-#12	3/4"C	0.5	0.5		3/4"C	1-#12, 1-#12, 1-#12	R	RECEPTACLE LOAD	1	20 A		
3	20 A	1	R - RECEPTACLES	R	1-#12, 1-#12, 1-#12	3/4"C		0.4	0.5		3/4"C	1-#12, 1-#12, 1-#12	R	R - RECEPTACLES	1	20 A	
5	20 A	1	COFFEE MAKER	N	1-#12, 1-#12, 1-#12	3/4"C			0.2	0.9	3/4"C	1-#12, 1-#12, 1-#12	R	266 RECEPTACLES	1	20 A	
7	20 A	1	266 HEADWALL	N	1-#12, 1-#12, 1-#12	3/4"C	0.9	0.5			3/4"C	1-#12, 1-#12, 1-#12	R	RECEPTACLE LOAD	1	20 A	
11	20 A	1	TEAMWORK 243-01	R	1-#12, 1-#12, 1-#12	3/4"C			0.5	0.5		3/4"C	1-#12, 1-#12, 1-#12	R	R - RECEPTACLES	1	20 A
13	20 A	1	Spare	--	--	--				0.0	0.0	--	--	Spare	1	20 A	
15	20 A	1	Spare	--	--	--	0.0	0.0			--	--	--	Spare	1	20 A	
17	20 A	1	Spare	--	--	--		0.0	0.0			--	--	Spare	1	20 A	
19	20 A	1	Spare	--	--	--	0.0	0.0			--	--	--	Spare	1	20 A	
21	20 A	1	Spare	--	--	--		0.0	0.0			--	--	Spare	1	20 A	
23	20 A	1	Spare	--	--	--			0.0	0.0	--	--	--	Spare	1	20 A	
25	20 A	1	Spare	--	--	--	0.0	0.0			--	--	--	Spare	1	20 A	
27	20 A	1	Spare	--	--	--		0.0	0.0			--	--	Spare	1	20 A	
29	20 A	1	Spare	--	--	--			0.0	0.0	--	--	--	Spare	--	30	
31	20 A	1	Spare	--	--	--	0.0	0.0			--	--	--	Spare	--	32	
33	20 A	1	Spare	--	--	--		0.0	0.0			--	--	Spare	--	34	
35	20 A	1	Spare	--	--	--			0.0	0.0	--	--	--	Spare	--	36	
37	20 A	1	Spare	--	--	--	0.0	0.0			--	--	--	Spare	--	38	
39	20 A	1	Spare	--	--	--		0.0	0.0			--	--	Spac	--	40	
41	20 A	1	Spare	--	--	--			0.0	0.0	--	--	--	Spac	--	42	
TOTAL LOAD : 2.5 kVA 2.0 kVA 1.1 kVA																	
TOTAL AMPS : 22 A 18 A 9 A																	
LOAD CATEGORY X DEMAND FACTOR = DEMAND (KVA)																	
A - HOSPITAL LIGHTING 0.00 kVA 0.00% 0.00 kVA																	
C - SPACE COOLING 0.00 kVA 0.00% 0.00 kVA																	
D - OTHER HVAC LOADS 0.00 kVA 0.00% 0.00 kVA																	
E - EQUIPMENT LOAD 0.00 kVA 0.00% 0.00 kVA																	
H - SPACE HEATING 0.00 kVA 0.00% 0.00 kVA																	
L - GENERAL LIGHTING 0.00 kVA 0.00% 0.00 kVA																	
M - MISC. CONTINUOUS 0.00 kVA 0.00% 0.00 kVA																	
N - MISC. NONCONTINUOUS 0.90 kVA 80.00% 0.72 kVA																	
R - RECEPTACLES 4.68 kVA 100.00% 4.68 kVA																	
PANEL TOTALS																	
CONNECTED LOAD (KVA): 5.58 kVA																	
DEMAND LOAD (KVA): 5.40 kVA																	
DEMAND AMPS: 15 A																	
TOTAL: 15 A																	
+RESERVED FEEDER CAPACITY 4 A																	
TOTAL UNBALANCED 3 PHASE NEC																	
ART. 220 FEEDER SIZE LOAD 19 A																	
MIN NEC ART.220 REQUIRED																	
OVERCURRENT PROTECTION: 40 A																	

ARCHITECT / ENGINE



HARRELL
• DESIGN GROUP, P.C. •

formerly HARRELL, SALTRICK & HOPPER, P.C.

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 Digitally signed by
 John G. Ross, PE
 Date: 2023.03.24
 12:00:46 -04'00'

Project Number:
564-17-140

Building Number:
1

Drawing Number:
EE701

Sheet 161 of 162

**Engineering
Service**



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