HB1

BUS NUMBER: 55
SERVED FROM: MSG
MOUNTING: SURFACE
REMARKS:

AMPERE RATING: 400
MAIN TYPE: MAIN BREAKER
LUG OPTIONS: THRU-FEED

VOLTAGE (L-L): 480
VOLTAGE (L-N): 277

PHASE: 3
WIRE: 4
MIN. KAIC: 65

CKT NO.	CIRCUIT BRKR TRIP	P	LOAD DESCRIPTION	CODE	LOAD KVA	SETS	PHASE/NEUT. NO	SIZE	GND SIZE	MIN CND SIZE
1	20	1	LIGHTS	L	2.44	1	2	12	12	3/4
3	20	1	LIGHTS	L	1.80	1	2	12	12	3/4
5	20	1	LIGHTS	L	2.00	1	2	12	12	3/4
7	20	1	LIGHTS	L	2.00	1	2	12	12	3/4
9	20	1	LIGHTS	L	2.44	1	2	12	12	3/4
11	20	1	LIGHTS	L	1.44	1	2	12	12	3/4
13	20	1	LIGHTS	L	0.83	1	2	12	12	3/4
15	20	1	PARKING LOT LIGHTS	L	3.00	1	2	12	12	3/4
17	20	1	SPARE							
19		1	SPACE ONLY							
21		1	SPACE ONLY							
23		1	SPACE ONLY							
25		1	SPACE ONLY							
27		1	SPACE ONLY							
29		1	SPACE ONLY							
33	15	3	STEAM COND. PUMP	M M M	1.33 1.33 1.33	1	3	12	12	3/4
39	225	3	HB2	X X X	52.48 58.48 49.48	1	4	4/0	4	2-1/2

SETS	PHASE/NEUT. NO	SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	P	CKT NO.
1	3	12	12	3/4	0.83 0.83 0.83	M M M	FUEL OIL PUMP 1	15	3	4
1	3	12	12	3/4	0.83 0.83 0.83	M M M	FUEL OIL FILTER	15	3	10
							SPARE	20	3	16
							SPARE	20	3	22
1	3	12	12	3/4	1.33 1.33 1.33	M M M	SUMP PUMP	20	3	28
1	3	12	12	3/4	2.13 2.13 2.13	C C C	FAN COIL UNIT 3	20	3	34
1	3	8	10	1-1/4	12.00 12.00 12.00	C C C	FAN COIL UNIT 4	40	3	40

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)	X NEC ART. 220 FEEDER SIZING FACTOR	= NEC ART. 220 FEEDER SIZING LOAD (KVA)
A - HOSPITAL LIGHTING	0.00	0.00	0.00
B - HOTEL/MOTEL LIGHTING	0.00	0.00	0.00
C - SPACE COOLING*	153.45	1.00	153.45
D - OTHER HVAC LOADS	0.00	0.00	0.00
H - SPACE HEATING*	26.94	1.25	33.67
K - KITCHEN APPLIANCES	0.00	0.00	0.00
L - GENERAL LIGHTING	15.95	1.25	19.93
M - MISC. CONTINUOUS	35.40	1.25	44.25
N - MISC. NONCONTINUOUS	0.00	0.00	0.00
R - RECEPTACLES	0.00	0.00	0.00
W - WAREHOUSE LIGHTING	0.00	0.00	0.00
LARGEST MOTOR**	0.00	0.25	0.00
	204.80		217.63

PHASE BALANCE (% OF 3 PHASE LOAD) A: 98.7 % B: 109.0 % C: 92.4 %
BALANCED 3 PHASE NEC ART. 220 FEEDER SIZING LOAD (AMPS): 261.7 A.
X LARGEST UNBALANCED PHASE %: x 1.09
TOTAL: 285.5 A.
+ RESERVED FUTURE CAPACITY: + 100.0 A.
TOTAL UNBALANCED 3 PHASE NEC ART. 220 FEEDER SIZING LOAD: 385.5 A.
MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 400 A.

* NON-COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS.

HB2

BUS NUMBER: 60
SERVED FROM: MSG
MOUNTING: SURFACE
REMARKS:

AMPERE RATING: 400
MAIN TYPE: MAIN LUGS ONLY
LUG OPTIONS:

VOLTAGE (L-L): 480
VOLTAGE (L-N): 277

PHASE: 3
WIRE: 4
MIN. KAIC: 65

CKT NO.	CIRCUIT BRKR TRIP	P	LOAD DESCRIPTION	CODE	LOAD KVA	SETS	PHASE/NEUT. NO	SIZE	GND SIZE	MIN CND SIZE
1		1	SPACE ONLY							
3		1	SPACE ONLY							
5		1	SPACE ONLY							
7		1	SPACE ONLY							
9		1	SPACE ONLY							
11		1	SPACE ONLY							
13		1	SPACE ONLY							
15		1	SPACE ONLY							
17		1	SPACE ONLY							
21	20	3	ELEC. UNIT HEATER 5	H H H	1.66 1.66 1.66	1	3	12	12	3/4
27	20	3	ELEC. UNIT HEATER 1	H H H	1.66 1.66 1.66	1	3	12	12	3/4
31	20	1	ELEC. UNIT HEATER 3	H	3.00	1				
33	20	1	ELEC. UNIT HEATER 4	H	3.00	1				
35		1	SPACE ONLY			1				
37		1	SPACE ONLY			1				
39	20	1	ELEC. UNIT HEATER 6	H	3.00	1				
41		1	SPACE ONLY							

SETS	PHASE/NEUT. NO	SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	P	CKT NO.
1	3	12	12	3/4	1.66 1.66 1.66	H H H	ELEC. UNIT HEATER 2	20	3	4
							SPACE ONLY		1	8
							SPACE ONLY		1	10
							SPACE ONLY		1	12
1	3	3	8	1-1/2	17.36 17.36 17.36	C C C	ROOF TOP UNIT 1	90	3	16
1	3	2	8	1-1/2	17.36 17.36 17.36	C C C	ROOF TOP UNIT 2	90	3	22
1	3	8	10	1	7.48 7.48 7.48	M M M	DUPLEX AIR COMPR.	50	3	28
1	3	12	12	3/4	1.06 1.06 1.06	C C C	FAN COIL UNIT 1	20	3	34
1	3	12	10	3/4	1.24 1.24 1.24	C C C	FAN COIL UNIT 3	25	3	40

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)	X NEC ART. 220 FEEDER SIZING FACTOR	= NEC ART. 220 FEEDER SIZING LOAD (KVA)
A - HOSPITAL LIGHTING	0.00	0.00	0.00
B - HOTEL/MOTEL LIGHTING	0.00	0.00	0.00
C - SPACE COOLING*	111.06	1.00	111.06
D - OTHER HVAC LOADS	0.00	0.00	0.00
H - SPACE HEATING*	23.94	1.25	29.92
K - KITCHEN APPLIANCES	0.00	0.00	0.00
L - GENERAL LIGHTING	0.00	0.00	0.00
M - MISC. CONTINUOUS	22.44	1.25	28.05
N - MISC. NONCONTINUOUS	0.00	0.00	0.00
R - RECEPTACLES	0.00	0.00	0.00
W - WAREHOUSE LIGHTING	0.00	0.00	0.00
LARGEST MOTOR**	53.30	0.25	13.32
	133.50		152.43

PHASE BALANCE (% OF 3 PHASE LOAD) A: 100.0 % B: 105.8 % C: 94.3 %
BALANCED 3 PHASE NEC ART. 220 FEEDER SIZING LOAD (AMPS): 183.3 A.
X LARGEST UNBALANCED PHASE %: x 1.05
TOTAL: 194.0 A.
+ RESERVED FUTURE CAPACITY: + 100.0 A.
TOTAL UNBALANCED 3 PHASE NEC ART. 220 FEEDER SIZING LOAD: 294.0 A.
MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 300 A.

* NON-COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS.

HB3

BUS NUMBER: 20
SERVED FROM: MSG
MOUNTING: SURFACE
REMARKS: SERVICE ENTRANCE RATED

AMPERE RATING: 225
MAIN TYPE: MAIN BREAKER
LUG OPTIONS:

VOLTAGE (L-L): 480
VOLTAGE (L-N): 277

PHASE: 3
WIRE: 4
MIN. KAIC: 65

CKT NO.	CIRCUIT BRKR TRIP	P	LOAD DESCRIPTION	CODE	LOAD KVA	SETS	PHASE/NEUT. NO	SIZE	GND SIZE	MIN CND SIZE
3	15	3	STEAM COND. PUMP	M M M	1.33 1.33 1.33	1	3	12	12	3/4
9	15	3	STEAM COND. PUMP	M M M	1.33 1.33 1.33	1	3	12	12	3/4
13		1	SPACE ONLY							
15		1	SPACE ONLY							
17		1	SPACE ONLY							
19		1	SPACE ONLY							
21		1	SPACE ONLY							
23		1	SPACE ONLY							
25		1	SPACE ONLY							
27		1	SPACE ONLY							
29		1	SPACE ONLY							
31		1	SPACE ONLY							
33		1	SPACE ONLY							
35		1	SPACE ONLY							
37		1	SPACE ONLY							
39		1	SPACE ONLY							
41		1	SPACE ONLY							

SETS	PHASE/NEUT. NO	SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	P	CKT NO.
1	3	10	10	3/4	0.18	X X X	TN3	25	3	4
							SPACE ONLY		1	8
							SPACE ONLY		1	10
							SPACE ONLY		1	12
							SPACE ONLY		1	14
							SPACE ONLY		1	16
							SPACE ONLY		1	18
							SPACE ONLY		1	20
							SPACE ONLY		1	22
							SPACE ONLY		1	24
							SPACE ONLY		1	26
							SPACE ONLY		1	28
							SPACE ONLY		1	30
							SPACE ONLY		1	32
							SPACE ONLY		1	34
							SPACE ONLY		1	36
							SPACE ONLY		1	38
							SPACE ONLY		1	40
							SPACE ONLY		1	42

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)	X NEC ART. 220 FEEDER SIZING FACTOR	= NEC ART. 220 FEEDER SIZING LOAD (KVA)
A - HOSPITAL LIGHTING	0.00	0.00	0.00
B - HOTEL/MOTEL LIGHTING	0.00	0.00	0.00
C - SPACE COOLING*	0.00	0.00	0.00
D - OTHER HVAC LOADS	0.00	0.00	0.00
H - SPACE HEATING*	0.00	0.00	0.00
K - KITCHEN APPLIANCES	0.00	0.00	0.00
L - GENERAL LIGHTING	0.00	0.00	0.00
M - MISC. CONTINUOUS	7.98	1.25	9.97
N - MISC. NONCONTINUOUS	0.00	0.00	0.00
R - RECEPTACLES	0.00	0.00	0.00
W - WAREHOUSE LIGHTING	0.00	0.00	0.00
LARGEST MOTOR**	0.00	0.25	0.00
	7.98		9.97

PHASE BALANCE (% OF 3 PHASE LOAD) A: 104.5 % B: 97.8 % C: 97.8 %
BALANCED 3 PHASE NEC ART. 220 FEEDER SIZING LOAD (AMPS): 11.9 A.
X LARGEST UNBALANCED PHASE %: x 1.04
TOTAL: 12.5 A.
+ RESERVED FUTURE CAPACITY: + 56.2 A.
TOTAL UNBALANCED 3 PHASE NEC ART. 220 FEEDER SIZING LOAD: 68.7 A.
MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 70 A.

* NON-COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS.

LB1

BUS NUMBER: 35
SERVED FROM: TN1
MOUNTING: SURFACE
REMARKS: PROVIDE HOLD ON DEVICE FOR CIRCUIT 14

AMPERE RATING: 400
MAIN TYPE: MAIN BREAKER
LUG OPTIONS: THRU-FEED

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

PHASE: 3
WIRE: 4
MIN. KAIC: 10

CKT NO.	CIRCUIT BRKR TRIP	P	LOAD DESCRIPTION	CODE	LOAD KVA	SETS	PHASE/NEUT. NO	SIZE	GND SIZE	MIN CND SIZE
1	20	1	RECEPTACLES	R	1.08	1	3	12	12	3/4
3	20	1	RECEPTACLES	R	0.72	1	2	12	12	3/4
5	20	1	RECEPTACLES	R	0.72	1	2	12	12	3/4
7	20	1	RECEPTACLE	R	0.72	1	2	12	12	3/4
9	20	1	RECEPTACLES	R	0.54	1	2	12	12	3/4
11	20	1	RECEPTACLE	R	0.18	1	2	12	12	3/4
13	20	1	RECEPTACLE	R	0.18	1	2	12	12	3/4
15	20	1	RECEPTACLE	R	0.18	1	2	12	12	3/4
17	20	1	RECEPTACLES	R	0.36	1	2	12	12	3/4
19	20	1	RECEPTACLES	R	1.26	1	2	12	12	3/4
23	50	3	PANEL LP4 VIA UPS	N N N	2.00 2.00 2.00	1	4	8	10	1
27	20	1	RECEPTACLES	R	0.72	1	2	12	12	3/4
29	20	1	RECEPTACLE	R	0.18	1	2	12	12	3/4
31	20	1	RECEPTACLES	R	1.08	1	2	12	12	3/4
33	20	1	RECEPTACLES	R	1.26	1	2	12	12	3/4
35	20	1	RECEPTACLE	R	0.54	1	2	12	12	3/4
37	20	1	RECEPTACLES	R	1.08	1	2	12	12	3/4
39	20	1	RECEPTACLES	R	0.54	1	2	12	12	3/4
41	20	1	RECEPTACLES	R	0.54	1	2	12	12	3/4

SETS	PHASE/NEUT. NO	SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	P	CKT NO.
							SPARE	20	1	2
							SPARE	20	1	4
1	2	12	12	3/4	0.90	R	ROOF RECEPT	20	1	6
1	2	12	12	3/4	0.18	R	RECEPTACLES	20	1	8
							SPARE	20	1	10
1	2	12	12	3/4	0.36	R	RECEPTACLES	20	1	12
1	2	12	12	3/4	0.50	M	FIRE ALARM PANEL	20	1	14
1	2	12	12	3/4	0.18	R	RECEPTACLE	20	1	16
							SPARE	20	1	18
							SPARE	20	1	20
1	2	12	12	3/4	0.18	R	RECEPTACLE	20	1	22
							SPARE	20	1	24
1	2	12	12	3/4	0.69	N	EXHAUST FAN 1	15	1	26
1	2	12	12	3/4	0.69	N	EXHAUST FAN 2	15	1	28
1	2	12	12	3/4	0.69	N	EXHAUST FAN 3	15	1	30
1	2	12	12	3/4	0.69	N	EXHAUST FAN 8	15	1	32
1	2	12	12	3/4	0.69	N	EXHAUST FAN 9	15	1	34
1	2	12	12	3/4	0.69	N	EXHAUST FAN 10	15	1	36
1	2	12	12	3/4	0.69	N	EXHAUST FAN 11	15	1	38
1	2	12	12	3/4	0.69	M	SPARE	20	1	40
1	2	12	12	3/4	0.69	N	EXHAUST FAN 13	15	1	42

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)	X NEC ART. 220 FEEDER SIZING FACTOR	= NEC ART. 220 FEEDER SIZING LOAD (KVA)
A - HOSPITAL LIGHTING	0.00	0.00	0.00
B - HOTEL/MOTEL LIGHTING	0.25	0.49	0.12
C - SPACE COOLING*	10.40	1.00	10.40
D - OTHER HVAC LOADS	0.00	0.00	0.00
H - SPACE HEATING*	0.00	0.00	0.00
K - KITCHEN APPLIANCES	9.00	1.00	9.00
L - GENERAL LIGHTING	0.00	0.00	0.00
M - MISC. CONTINUOUS	19.12	1.25	23.90
N - MISC. NONCONTINUOUS	13.15	1.00	13.15
R - RECEPTACLES	13.68	0.86	11.84
W - WAREHOUSE LIGHTING	0.00	0.00	0.00
LARGEST MOTOR**	0.00	0.25	0.00
	65.60		68.41

PHASE BALANCE (% OF 3 PHASE LOAD) A: 115.5 % B: 95.4 % C: 89.3 %
BALANCED 3 PHASE NEC ART. 220 FEEDER SIZING LOAD (AMPS): 189.9 A.
X LARGEST UNBALANCED PHASE %: x 1.15
TOTAL: 219.3 A.
+ RESERVED FUTURE CAPACITY: + 100.0 A.
TOTAL UNBALANCED 3 PHASE NEC ART. 220 FEEDER SIZING LOAD: 319.3 A.
MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 350 A.

* NON-COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS.

LB2

BUS NUMBER: 40
SERVED FROM: LB1
MOUNTING: SURFACE
REMARKS:

AMPERE RATING: 400
MAIN TYPE: MAIN LUGS ONLY
LUG OPTIONS:

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

PHASE: 3
WIRE: 4
MIN. KAIC: 10

CKT NO.	CIRCUIT BRKR TRIP	P	LOAD DESCRIPTION	CODE	LOAD KVA	SETS	PHASE/NEUT. NO	SIZE	GND SIZE	MIN CND SIZE
1	40	2	HEAT PUMP UNIT 1	C C	2.60 2.60	1	2	8	10	1
5	40	2	HEAT PUMP UNIT 2	C C	2.60 2.60	1	2	8	10	1
9	20	2	CONDENSING UNIT 3	C C		1	2	12	12	3/4
13	20	2	CONDENSING U NIT 4	C C		1	2	12	12	3/4
17	20	1	SECURITY CAMERA	N	0.20	1	2	12	12	1/2
19	20	1	ELECT WATER COOLER	M	0.50	1	2	12	12	3/4
21	20	1	DISHWASHER	K	1.00	1	2	12	12	3/4
23	20	1	SOLENOID	N	0.05	1	2	12	12	3/4
27	40	3	REVERSE OSMOSIS	M M M	3.03 3.03 3.03	1	3	8	10	1-1/4
33	20	3	DISTRIBUTION PUMP	M M M	0.44 0.44 0.44	1	3	12	12	3/4
37	20	1	SPARE							
39	20	1	SPARE							
41	20	1	SPARE							

SETS	PHASE/NEUT. NO	SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	P	CKT NO.
1	2	12	12	3/4	0.86	M	CHEM. FEED PUMP 1	15	1	2
1	2	12	12	3/4	0.86	M	CHEM. FEED PUMP 2	15	1	4
1	2	12	12	3/4	0.86	N	CHEM. FEED PUMP 3	15	1	6
1	2	12	12	3/4	0.86	M	CHEM. FEED PUMP 4	15	1	8
1	2	12	12	3/4	0.86	M	CHEM. FEED PUMP 5	15	1	10
1	2	12	12	3/4	0.86	M	CHEM. FEED PUMP 6	15	1	12
1	2	12	12	3/4	0.50	B	KITCHEN HOOD & LIGHT	20	1	14
1	2	12	12	3/4	0.52	N	MOTORIZED LOUVER	15	1	16
1	2	12	12	3/4	0.52	M	AIR DRYER	15	1	18
1	2	12	12	3/4	0.20	M	WATER HEATER 1	20	1	20
1	2	10	10	3/4	2.00	M	WATER HEATER 2	25	1	22
1	3	8	10	3/4	4.00 4.00	K K	ELECTRIC RANGE	50	2	24
							SPARE	20	1	28
							SPARE	20	1	30
							SPARE	20	1	32
							SPARE	20	1	34
							SPARE	20	1	36
							SPARE	20	1	38
							SPARE	20	1	40
							SPARE	20	1	42

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)	X NEC ART. 220 FEEDER SIZING FACTOR	= NEC ART. 220 FEEDER SIZING LOAD (KVA)
A - HOSPITAL LIGHTING	0.00	0.00	0.00
B - HOTEL/MOTEL LIGHTING	0.50	0.50	0.25
C - SPACE COOLING*	10.40	1.00	10.40
D - OTHER HVAC LOADS	0.00	0.00	0.00
H - SPACE HEATING*	0.00	0.00	0.00
K - KITCHEN APPLIANCES	9.00	1.00	9.00
L - GENERAL LIGHTING	0.00	0.00	0.00
M - MISC. CONTINUOUS	17.93	1.25	22.41
N - MISC. NONCONTINUOUS	1.63	1.00	1.63
R - RECEPTACLES	0.00	0.00	0.00
W - WAREHOUSE LIGHTING	0.00	0.00	0.00
LARGEST MOTOR**	1.33	0.25	0.33
	39.46		44.02

PHASE BALANCE (% OF 3 PHASE LOAD) A: 118.6 % B: 86.0 % C: 95.6 %
BALANCED 3 PHASE NEC ART. 220 FEEDER SIZING LOAD (AMPS): 122.2 A.
X LARGEST UNBALANCED PHASE %: x 1.18
TOTAL: 145.0 A.
+ RESERVED FUTURE CAPACITY: + 100.0 A.
TOTAL UNBALANCED 3 PHASE NEC ART. 220 FEEDER SIZING LOAD: 245.0 A.
MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 250 A.

* NON-COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS.

LB3

BUS NUMBER: 25
SERVED FROM: TN3
MOUNTING: SURFACE
REMARKS:

AMPERE RATING: 60
MAIN TYPE: MAIN BREAKER
LUG OPTIONS:

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

PHASE: 3
WIRE: 4
MIN. KAIC: 10

CKT NO.	CIRCUIT BRKR TRIP	P	LOAD DESCRIPTION	CODE	LOAD KVA	SETS	PHASE/NEUT. NO	SIZE	GND SIZE	MIN CND SIZE
1	20	1	RECEPTACLES	R	0.18	1	2	12	12	3/4
3	20	1	SPARE							
5	20	1	SPARE							
7	20	1	SPARE							
9	20	1	SPARE							
11	20	1	SPARE							

SETS	PHASE/NEUT. NO	SIZE	GND SIZE	MIN CND SIZE	LOAD KVA	CODE	LOAD DESCRIPTION	CIRCUIT BRKR TRIP	P	CKT NO.
							SPARE	20	1	2
							SPARE	20	1	4
							SPARE	20	1	6
							SPARE	20	1	8
							SPARE	20	1	10
							SPARE	20	1	12

NEC ART. 220 LOAD CATEGORY	TOTAL CONNECTED LOAD (KVA)	X NEC ART. 220 FEEDER SIZING FACTOR	= NEC ART. 220 FEEDER SIZING LOAD (KVA)
A - HOSPITAL LIGHTING	0.00	0.00	0.00
B - HOTEL/MOTEL LIGHTING	0.00	0.00	0.00
C - SPACE COOLING*	0.00	0.00	0.00
D - OTHER HVAC LOADS	0.00	0.00	0.00
H - SPACE HEATING*	0.00	0.00	0.00
K - KITCHEN APPLIANCES	0.00	0.00	0.00
L - GENERAL LIGHTING	0.00	0.00	0.00
M - MISC. CONTINUOUS	0.00	0.00	0.00
N - MISC. NONCONTINUOUS	0.00	0.00	0.00
R - RECEPTACLES	0.18	0.99	0.18
W - WAREHOUSE LIGHTING	0.00	0.00	0.00
LARGEST MOTOR**	0.00	0.25	0.00
	0.18		0.18

PHASE BALANCE (% OF 3 PHASE LOAD) A: 300.2 % B: 0.0 % C: 0.0 %
BALANCED 3 PHASE NEC ART. 220 FEEDER SIZING LOAD (AMPS): 0.4 A.
X LARGEST UNBALANCED PHASE %: x 3.00
TOTAL: 1.5 A.
+ RESERVED FUTURE CAPACITY: + 15.0 A.
TOTAL UNBALANCED 3 PHASE NEC ART. 220 FEEDER SIZING LOAD: 16.5 A.
MIN. NEC ART. 220 REQUIRED OVERCURRENT PROTECTION: 20 A.

* NON-COINCIDENTAL LOADS. LARGEST LOAD INCLUDED IN TOTAL. ** LARGEST MOTOR LOAD INCLUDED IN CATEGORIZED LOADS.

100% CONSTRUCTION DOCUMENTS

REVISION NO.	REVISION DESCRIPTION	BY	DATE
1	CLARIFICATIONS	JE	01-17-14

Revisions | By | Date

Department of Veterans Affairs
William Jennings Bryan Dorn
VA Medical Center
6439 Garners Ferry Road
Columbia, SC 29209

SEAL: JOHN G. ROSS REGISTERED NO. 3300 SOUTH CAROLINA PROFESSIONAL ENGINEER 1/17/2014

Architect/Engineer Address
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HSH PROJECT # 11005

Recommended Approvals:

1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE MANAGER
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL MANAGER
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title: PANEL SCHEDULES

*BUILDING IS FULLY SPRINKLERED *

Project Title: REPLACE BOILER PLANT/ COGEN/CHP

Drawn: JVE
Checked:
Building Number: 21
Reviewed: JGR
AutoCAD File Name:
Const. Contract No.:

Date: APRIL 30, 2012
Project Number: 544-11-101
DRAWING No. E604

Veterans Affairs

three inches = one foot; one and one half inches = one foot; one inch = one foot; three quarters inch = one foot; one half inch = one foot; three eighths inch = one foot; one quarter inch = one foot; one eighth inch = one foot