MAIN DISTRIBUTION BOARD SCHEDULE

PANEL LOCATION:	1st FLR. ELEC. RM.	DESIGNATION	VOLTAGE:	277/480/3
MOUNTING/NEMA TYPE:	SERVICE - NEMA 1	**NDB**	BUSSING SIZE (AMPS):	600A
PANEL MANUFACTURER:	SQUARE D		MAIN SIZE & TYPE:	600 A MCB,
PANEL TYPE:	BOLT-ON		INTERRUPTING RATING (AIC)	42k

Ckt. Indentification	SERVES	CIRCUIT BREAKER FRAME	TRIP	POLES	CONNECTED LOAD (kVA) A	B	C	WIRE & CONDUIT	REMARKS	Type of Load
1	NH1	400	400	3	31.6	31.6	31.6	4#600,1#3G, 4"C		
2	LS-ATS	100	100	3	3.9	3.9	3.9	4#3,1#8G, 1 1/4"C		
3	CR-ATS	400	400	3	24.0	24.0	24.0	4#600,1#3G, 4"C		
4	EQ-ATS	400	400	3	58.6	58.6	58.6	4#600,1#3G, 4"C		
5	SPARE	400	400	3	-	-	-			
6		200	125	3				4#2/0,1#1/0G,2"C		
7				3				#N/A		
8				3				#N/A		
9				3				#N/A		
10				3				#N/A		
11				3				#N/A		
12				3				#N/A		
13				3				#N/A		
14				3				#N/A		
15				3				#N/A		
				SUB-TOTAL	118	118	118			

REMARKS:

BUS BAR - PHASE BALANCE DIFFERENCE	
A - B PHASE	0.0%
B - C PHASE	0.0%
C - A PHASE	0.0%

CATEGORY	CONNECTED LOAD KVA	AMPS	FACTOR	DESIGN LOAD KVA	AMPS
LIGHTING (L)	32.39	38.97	1.25	40.48	48.71
RECEPT. (R)	115.28	138.72	NEC	62.64	75.38
MOTORS (M)	40.20	48.38	NEC	40.20	48.38
COOLING (C)	105.70	127.20	1.0	105.70	127.20
HEATING (H)	30.00	36.10	1.00	30.00	36.10
KITCHEN (K)	0.00	0.00	NEC	0.00	0.00
DATA (D)	0.00	0.00	1.0	0.00	0.00
OTHER (O)	1.20	1.44	1.0	1.20	1.44
FUTURE (F)	29.50	35.50	1.0	29.50	35.50
TOTAL	354.27	426.32		309.73	372.72

MAIN DISTRIBUTION BOARD SCHEDULE

PANEL LOCATION:	1st FLR. ELEC. RM.	DESIGNATION	VOLTAGE:	277/480/3
MOUNTING/NEMA TYPE:	SERVICE - NEMA 1	**EDB**	BUSSING SIZE (AMPS):	600A
PANEL MANUFACTURER:	SQUARE D		MAIN SIZE & TYPE:	600 A MCB
PANEL TYPE:	BOLT-ON		INTERRUPTING RATING (AIC)	42k

Ckt. Indentification	SERVES	CIRCUIT BREAKER FRAME	TRIP	POLES	CONNECTED LOAD (kVA) A	B	C	WIRE & CONDUIT	REMARKS	Type of Load
1	LS-ATS	100	100	3	3.9	3.9	3.9	4#3,1#8G, 1 1/4"C		
2	CR-ATS	400	400	3	24.0	24.0	24.0	4#600,1#3G, 4"C		
3	EQ-ATS	400	400	3	58.6	58.6	58.6	4#600,1#3G, 4"C		
4		400		3	0.0	0.0	0.0			
5				3	-	-	-			
6				3				#N/A		
7				3				#N/A		
8				3				#N/A		
9				3				#N/A		
10				3				#N/A		
11				3				#N/A		
12				3				#N/A		
13				3				#N/A		
14				3				#N/A		
15				3				#N/A		
				SUB-TOTAL	87	87	87			

REMARKS:

BUS BAR - PHASE BALANCE DIFFERENCE	
A - B PHASE	0.0%
B - C PHASE	0.0%
C - A PHASE	0.0%

CATEGORY	CONNECTED LOAD KVA	AMPS	FACTOR	DESIGN LOAD KVA	AMPS
LIGHTING (L)	23.93	28.79	1.25	29.91	35.99
RECEPT. (R)	59.08	71.10	NEC	34.54	41.56
MOTORS (M)	39.62	47.67	NEC	39.62	47.67
COOLING (C)	105.70	127.20	1.0	105.70	127.20
HEATING (H)	30.00	36.10	1.00	30.00	36.10
KITCHEN (K)	0.00	0.00	NEC	0.00	0.00
DATA (D)	0.00	0.00	1.0	0.00	0.00
OTHER (O)	1.20	1.44	1.0	1.20	1.44
FUTURE (F)	0.00	0.00	1.0	0.00	0.00
TOTAL	259.52	312.30		240.97	289.97

PANELBOARD SCHEDULE

PANEL LOCATION:		DESIGNATION	VOLTAGE:	277/480/3
MOUNTING/NEMA TYPE:	SURFACE - NEMA 1	**NH1**	BUSSING SIZE:	400
PANEL MANUFACTURER:	SQUARE D		MAIN SIZE & TYPE:	400 A MCB
PANEL TYPE:	BOLT-ON		INTERRUPTING RATING (AIC)	22K

Type of Load	DESCRIPTION	WIRE & COND.	AMPS/POLES	LOAD (VA) A	B	C	CKT	CKT	LOAD (VA) A	B	C	AMPS/POLES	WIRE & COND.	DESCRIPTION	Type of Load
L	LIGHITNG	2#12, 1#12G, 1/2"C	20/1	2200			1	2	3200			20/1	2#12, 1#12G, 1/2"C	LIGHTING	L
F	X-RAY	4#1,1#1G, 2"C	80/3		1524		3	4		1660		20/1	2#10,1#10G,3/4"C	SITE LIGHTING	L
F		#N/A				1524	5	6			1400	20/1	2#10,1#10G,3/4"C	SITE LIGHTING	L
F		#N/A		1524			7	8				20/1	2#12, 1#12G, 1/2"C	SPARE	
F	CT-SCAN	4#1,1#1/0G,2"C	125/3		8310		9	10				20/1	2#12, 1#12G, 1/2"C	SPARE	
F		#N/A				8310	11	12				20/1	2#12, 1#12G, 1/2"C	SPARE	
F		#N/A		8310			13	14				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				15	16				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				17	18				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				19	20				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				21	22				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				23	24				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				25	26				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				27	28				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				29	30				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				31	32				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				33	34				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				35	36				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				37	38				110/3	3#2, 1#6G, 1 1/4"C	XFMR NL1	
	SPARE	2#12, 1#12G, 1/2"C	20/1				39	40					#N/A		
	SPARE	2#12, 1#12G, 1/2"C	20/1				41	42					#N/A		
			SUB-TOTAL	12033.5	9833.5	9833.5			3200	1660	1400	SUB-TOTAL			

REMARKS:

BUS BAR - PHASE BALANCE DIFFERENCE	
A - B PHASE	24.6%
B - C PHASE	2.3%
C - A PHASE	26.3%

CATEGORY	CONNECTED LOAD KVA	AMPS	FACTOR	DESIGN LOAD KVA	AMPS
LIGHTING (L)	8.5	10.2	1.25	10.6	12.7
RECEPT. (R)	56.2	67.6	NEC	33.1	39.8
MOTORS (M)	0.6	0.7	NEC	0.7	0.9
COOLING (C)	0.0	0.0	1.0	0.0	0.0
HEATING (H)	0.0	0.0	1.00	0.0	0.0
KITCHEN (K)	0.0	0.0	NEC	0.0	0.0
DATA (D)	0.0	0.0	1.00	0.0	0.0
OTHER (O)	0.0	0.0	1.0	0.0	0.0
FUTURE	29.5	35.5	NEC	154.6	186.0
TOTAL	94.7	114.0		199.0	239.5

PANELBOARD SCHEDULE

PANEL LOCATION:		DESIGNATION	VOLTAGE:	120/208/3
MOUNTING/NEMA TYPE:	SURFACE - NEMA 1	**NRL1**	BUSSING SIZE:	225
PANEL MANUFACTURER:	SQUARE D		MAIN SIZE & TYPE:	225 A MCB
PANEL TYPE:	BOLT-ON	SECTION 1	INTERRUPTING RATING (AIC)	22k

Type of Load	DESCRIPTION	WIRE & COND.	AMPS/POLES	LOAD (VA) A	B	C	CKT	CKT	LOAD (VA) A	B	C	AMPS/POLES	WIRE & COND.	DESCRIPTION	Type of Load
R	Trauma Iso headwall	2#12, 1#12G, 1/2"C	20/1	1000			1	2	1000			20/1	2#12, 1#12G, 1/2"C	EXAM EYE 41	R
R	Trauma Iso boom	2#12, 1#12G, 1/2"C	20/1		800		3	4		1000		20/1	2#12, 1#12G, 1/2"C	EXAM ROOM 42	R
R	rauma 2 (32) headwa	2#12, 1#12G, 1/2"C	20/1			1000	5	6			1000	20/1	2#12, 1#12G, 1/2"C	EXAM ROOM 43	R
R	Trauma 2 (32) boom	2#12, 1#12G, 1/2"C	20/1	800			7	8	1000			20/1	2#12, 1#12G, 1/2"C	EXAM ROOM 44	R
R	Trauma 2 (32) warmer	2#12, 1#12G, 1/2"C	20/1		1500		9	10		1000		20/1	2#12, 1#12G, 1/2"C	EXAM ROOM 45	R
R	Trauma 3 (33) warmer	2#12, 1#12G, 1/2"C	20/1			1500	11	12			1000	20/1	2#12, 1#12G, 1/2"C	EXAM GYNE 46	R
R	rauma 3 (33) headwa	2#12, 1#12G, 1/2"C	20/1	1000			13	14	900			20/1	2#12, 1#12G, 1/2"C	EXAM ISO ROOM 40	R
R	Trauma 3 (33) boom	2#12, 1#12G, 1/2"C	20/1		800		15	16		1080		20/1	2#12, 1#12G, 1/2"C	BEREVEAMENT	R
R	rauma 4(34) headwal	2#12, 1#12G, 1/2"C	20/1			1000	17	18			1500	20/1	2#12, 1#12G, 1/2"C	WAITING VENDING	R
R	Trauma 4(34) boom	2#12, 1#12G, 1/2"C	20/1	800			19	20	1500			20/1	2#12, 1#12G, 1/2"C	WAITING VENDING	R
R	Exterior receptacle	2#12, 1#12G, 1/2"C	20/1		600		21	22		1500		20/1	2#12, 1#12G, 1/2"C	WAITING VENDING	R
R	Exterior receptacle	2#12, 1#12G, 1/2"C	20/1			600	23	24			1500	20/1	2#12, 1#12G, 1/2"C	WAITING VENDING	R
R	x-ray room receptacle	2#12, 1#12G, 1/2"C	20/1	600			25	26	900			20/1	2#12, 1#12G, 1/2"C	WAITING GENERAL	R
R	Gen receptacle	2#12, 1#12G, 1/2"C	20/1		1200		27	28		1080		20/1	2#12, 1#12G, 1/2"C	TRAIGE	R
R	Office	2#12, 1#12G, 1/2"C	20/1			540	29	30			540	20/1	2#12, 1#12G, 1/2"C	ADMIN DESK	R
M	Roof mounted crane	2#12, 1#12G, 1/2"C	20/1	588			31	32	1000			20/1	2#12, 1#12G, 1/2"C	ADMIN PRINTER/FAX	R
	spare	2#12, 1#12G, 1/2"C	20/1				33	34		540		20/1	2#12, 1#12G, 1/2"C	ADMIN DESK	R
	spare	2#12, 1#12G, 1/2"C	20/1				35	36			1260	20/1	2#12, 1#12G, 1/2"C	ADMIN GENERAL	R
	spare	2#12, 1#12G, 1/2"C	20/1				37	38	1080			20/1	2#12, 1#12G, 1/2"C	STORAGE/PARA	R
	spare	2#12, 1#12G, 1/2"C	20/1				39	40				20/1	2#12, 1#12G, 1/2"C	spare	
	spare	2#12, 1#12G, 1/2"C	20/1				41	42				20/1	2#12, 1#12G, 1/2"C	spare	
			SUB-TOTAL	4788	4900	4640			7380	6200	6800	SUB-TOTAL			

REMARKS:
PROVIDE FEED THRU LUGS

BUS BAR - PHASE BALANCE DIFFERENCE	
A - B PHASE	8.8%
B - C PHASE	3.0%
C - A PHASE	6.0%

CATEGORY	CONNECTED LOAD KVA	AMPS	FACTOR	DESIGN LOAD KVA	AMPS
LIGHTING (L)	0.0	0.0	1.25	0.0	0.0
RECEPT. (R)	56.2	156.1	NEC	33.1	91.9
MOTORS (M)	0.6	1.6	NEC	0.7	2.0
COOLING (C)	0.0	0.0	1.0	0.0	0.0
HEATING (H)	0.0	0.0	1.00	0.0	0.0
KITCHEN (K)	0.0	0.0	NEC	0.0	0.0
DATA (D)	0.0	0.0	1.00	0.0	0.0
OTHER (O)	0.0	0.0	1.0	0.0	0.0
FUTURE	0.0	0.0	1.0	0.0	0.0
TOTAL	56.8	157.7		33.8	94.0

PANELBOARD SCHEDULE

PANEL LOCATION:		DESIGNATION	VOLTAGE:	120/208/3
MOUNTING/NEMA TYPE:	SURFACE - NEMA 1	**NRL1**	BUSSING SIZE:	225
PANEL MANUFACTURER:	SQUARE D		MAIN SIZE & TYPE:	225 A
PANEL TYPE:	BOLT-ON	SECTION 2	INTERRUPTING RATING (AIC)	22k

Type of Load	DESCRIPTION	WIRE & COND.	AMPS/POLES	LOAD (VA) A	B	C	CKT	CKT	LOAD (VA) A	B	C	AMPS/POLES	WIRE & COND.	DESCRIPTION	Type of Load
R	NURSE STATION	2#12, 1#12G, 1/2"C	20/1	720			43	44	1260			20/1	2#12, 1#12G, 1/2"C	JANITOR/HALL	R
R	NURSE STATION	2#12, 1#12G, 1/2"C	20/1		540		45	46		720		20/1	2#12, 1#12G, 1/2"C	STORAGE	R
R	NURSE STATION	2#12, 1#12G, 1/2"C	20/1			1200	47	48			540	20/1	2#12, 1#12G, 1/2"C	STORAGE	R
R	PROCEDURE	2#12, 1#12G, 1/2"C	20/1	1080			49	50	1500			20/1	2#12, 1#12G, 1/2"C	BREAK MICRO	R
R	PROCEDURE	2#12, 1#12G, 1/2"C	20/1		1200		51	52		1500		20/1	2#12, 1#12G, 1/2"C	BREAKROOM	R
R	SPLINTING	2#12, 1#12G, 1/2"C	20/1			720	53	54			1200	20/1	2#12, 1#12G, 1/2"C	BREAKROOM	R
R	CLEAN SUPPLY	2#12, 1#12G, 1/2"C	20/1	1080			55	56	1080			20/1	2#12, 1#12G, 1/2"C	BREAKROOM	R
R	SOILED UTILITY	2#12, 1#12G, 1/2"C	20/1		1080		57	58		360		20/1	2#12, 1#12G, 1/2"C	PSYHC COMP	R
R	SOILED UTILITY	2#12, 1#12G, 1/2"C	20/1			1200	59	60			720	20/1	2#12, 1#12G, 1/2"C	OFFICE	R
R	NURSE STATION	2#12, 1#12G, 1/2"C	20/1	600			61	62	720			20/1	2#12, 1#12G, 1/2"C	CT ROOM	R
R	ADNMIN	2#12, 1#12G, 1/2"C	20/1		600		63	64		360		20/1	2#12, 1#12G, 1/2"C	CT ROOM	R
	spare	2#12, 1#12G, 1/2"C	20/1				65	66			900	20/1	2#12, 1#12G, 1/2"C	XRAY	R
	spare	2#12, 1#12G, 1/2"C	20/1				67	68	1200			20/1	2#12, 1#12G, 1/2"C	GE STORAGE	R
	spare	2#12, 1#12G, 1/2"C	20/1				69	70				20/1	2#12, 1#12G, 1/2"C	spare	
	spare	2#12, 1#12G, 1/2"C	20/1				71	72				20/1	2#12, 1#12G, 1/2"C	spare	
	spare	2#12, 1#12G, 1/2"C	20/1				73	74				20/1	2#12, 1#12G, 1/2"C	spare	
	spare	2#12, 1#12G, 1/2"C	20/1				75	76				20/1	2#12, 1#12G, 1/2"C	spare	
	spare	2#12, 1#12G, 1/2"C	20/1				77	78				20/1	2#12, 1#12G, 1/2"C	spare	
	spare	2#12, 1#12G, 1/2"C	20/1				79	80				20/1	2#12, 1#12G, 1/2"C	spare	
	spare	2#12, 1#12G, 1/2"C	20/1				81	82				20/1	2#12, 1#12G, 1/2"C	spare	
	spare	2#12, 1#12G, 1/2"C	20/1				83	84				20/1	2#12, 1#12G, 1/2"C	spare	
			SUB-TOTAL	3480	3420	3120			5760	2940	3360	SUB-TOTAL			

REMARKS:

BUS BAR - PHASE BALANCE DIFFERENCE	
A - B PHASE	31.2%
B - C PHASE	1.9%
C - A PHASE	29.9%

CATEGORY	CONNECTED LOAD KVA	AMPS	FACTOR	DESIGN LOAD KVA	AMPS
LIGHTING (L)	0.0	0.0	1.25	0.0	0.0
RECEPT. (R)	22.1	61.3	NEC	16.0	44.6
MOTORS (M)	0.0	0.0	NEC	0.0	0.0
COOLING (C)	0.0	0.0	1.0	0.0	0.0
HEATING (H)	0.0	0.0	1.00	0.0	0.0
KITCHEN (K)	0.0	0.0	NEC	0.0	0.0
DATA (D)	0.0	0.0	1.00	0.0	0.0
OTHER (O)	0.0	0.0	1.0	0.0	0.0
FUTURE	0.0	0.0	1.0	0.0	0.0
TOTAL	22.1	61.3		16.0	44.6

PANELBOARD SCHEDULE

PANEL LOCATION:		DESIGNATION	VOLTAGE:	277/480/3
MOUNTING/NEMA TYPE:	SURFACE - NEMA 1	**LSH1**	BUSSING SIZE:	100
PANEL MANUFACTURER:	SQUARE D		MAIN SIZE & TYPE:	100 A MCB
PANEL TYPE:	BOLT-ON		INTERRUPTING RATING (AIC)	22K

Type of Load	DESCRIPTION	WIRE & COND.	AMPS/POLES	LOAD (VA) A	B	C	CKT	CKT	LOAD (VA) A	B	C	AMPS/POLES	WIRE & COND.	DESCRIPTION	Type of Load
L	EGRESS LIGHTING	2#12, 1#12G, 1/2"C	20/1	2100			1	2	2000			20/1	2#12, 1#12G, 1/2"C	EXTERIOR EGRESS	L
L	EGRESS LIGHTING	2#12, 1#12G, 1/2"C	20/1		1800		3	4					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				5	6					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				7	8					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				9	10					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				11	12					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				13	14					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				15	16					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				17	18					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				19	20					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				21	22					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				23	24					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				25	26					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				27	28					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				29	30					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				31	32					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				33	34					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				35	36					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				37	38				25/3	3#10, 1#12G, 3/4"C.	XFMR LSL1	
	SPARE	2#12, 1#12G, 1/2"C	20/1				39	40					#N/A		
	SPARE	2#12, 1#12G, 1/2"C	20/1				41	42					#N/A		
			SUB-TOTAL	2100	1800	0			2000	0	0	SUB-TOTAL			

REMARKS:

BUS BAR - PHASE BALANCE DIFFERENCE	
A - B PHASE	56.1%
B - C PHASE	100.0%
C - A PHASE	100.0%

CATEGORY	CONNECTED LOAD KVA	AMPS	FACTOR	DESIGN LOAD KVA	AMPS
LIGHTING (L)	10.1	12.2	1.25	12.6	15.2
RECEPT. (R)	1.6	1.9	NEC	1.6	1.9
MOTORS (M)	0.0	0.0	NEC	0.0	0.0
COOLING (C)	0.0	0.0	1.0	0.0	0.0
HEATING (H)	0.0	0.0	1.00	0.0	0.0
KITCHEN (K)	0.0	0.0	NEC	0.0	0.0
DATA (D)	0.0	0.0	1.00	0.0	0.0
OTHER (O)	0.0	0.0	1.0	0.0	0.0
FUTURE	0.0	0.0	1.0	0.0	0.0
TOTAL	11.7	14.1		14.2	17.1

PANELBOARD SCHEDULE

PANEL LOCATION:		DESIGNATION	VOLTAGE:	120/208/3
MOUNTING/NEMA TYPE:	SURFACE - NEMA 1	**LSL1**	BUSSING SIZE:	60
PANEL MANUFACTURER:	SQUARE D		MAIN SIZE & TYPE:	60A MCB
PANEL TYPE:	BOLT-ON	SECTION 1	INTERRUPTING RATING (AIC)	14K

Type of Load	DESCRIPTION	WIRE & COND.	AMPS/POLES	LOAD (VA) A	B	C	CKT	CKT	LOAD (VA) A	B	C	AMPS/POLES	WIRE & COND.	DESCRIPTION	Type of Load
R	MED GAS ALARM	2#12, 1#12G, 1/2"C	20/1	1000			1	2	600			20/1	2#12, 1#12G, 1/2"C	FAAP	R
	SPARE	2#12, 1#12G, 1/2"C	20/1				3	4		600		20/1	2#10,1#10G, 3/4"C	CANOPY LIGHTING	L
	SPARE	2#12, 1#12G, 1/2"C	20/1				5	6			1200	20/1	2#10,1#10G, 3/4"C	CANOPY LIGHTING	L
	SPARE	2#12, 1#12G, 1/2"C	20/1				7	8	1200			20/1	2#10,1#10G, 3/4"C	CANOPY LIGHTING	L
	SPARE	2#12, 1#12G, 1/2"C	20/1				9	10		1200		20/1	2#10,1#10G, 3/4"C	CANOPY LIGHTING	L
	SPARE	2#12, 1#12G, 1/2"C	20/1				11	12					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				13	14					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				15	16					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				17	18					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				19	20					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				21	22					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				23	24					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				25	26					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				27	28					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				29	30					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				31	32					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				33	34					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				35	36					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				37	38					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				39	40					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				41	42					#N/A	SPACE	
			SUB-TOTAL	1000	0	0			1800	1800	1200	SUB-TOTAL			

REMARKS:
PROVIDE FEED THRU LUGS

BUS BAR - PHASE BALANCE DIFFERENCE	
A - B PHASE	35.7%
B - C PHASE	33.3%
C - A PHASE	57.1%

CATEGORY	CONNECTED LOAD KVA	AMPS	FACTOR	DESIGN LOAD KVA	AMPS
LIGHTING (L)	4.2	11.7	1.25	5.3	14.6
RECEPT. (R)	1.6	4.4	NEC	1.6	4.4
MOTORS (M)	0.0	0.0	NEC	0.0	0.0
COOLING (C)	0.0	0.0	1.0	0.0	0.0
HEATING (H)	0.0	0.0	1.00	0.0	0.0
KITCHEN (K)	0.0	0.0	NEC	0.0	0.0
DATA (D)	0.0	0.0	1.00	0.0	0.0
OTHER (O)	0.0	0.0	1.0	0.0	0.0
FUTURE	0.0	0.0	1.0	0.0	0.0
TOTAL	5.8	16.1		6.9	19.0

three inches = one foot
one and one-half inch = one foot
one inch = one foot
three-quarters inch = one foot
one-half inch = one foot
three-eights inch = one foot
one-quarter inch = one foot
one-eight inch = one foot

TELIOS
3535 Travis Street, Ste. 115
Dallas, Texas 75204
phone: 214.744.6199
fax: 214.744.0770
Texas Registration #F-6494
MEP ENGINEERING • ENERGY MODELING
LEED CONSULTATION • COMMISSIONING

Department of Veterans Affairs
STATE OF TEXAS
SHANNON K. McCALL
82715
REGISTERED PROFESSIONAL ENGINEER
07/15/11
ARCHITECT OF RECORD:
SBBL Architecture + Planning
1001 North Alvernon Way # 105, Tucson, Arizona 85711
t: 520.620.0255 f: 520.620.0535 e: sbbl@sbbl.biz

EMERGENCY DEPARTMENT
AMARILLO VA HEALTH CARE SYSTEM
AMARILLO, TEXAS

Approved: VA Area Proj. Mgr.

V.A. PROJECT NO: VA258-P-0196
SBBL PROJECT NO: 0110.00.0
DRAWN BY: Author
CHECKED BY: Checker
DATE: 07/15/11

△	Date	Revision

Approved: Med. Cter. Director

Approved: Asst. Admin Engineering Service

Approved: Asst. VA Medical Director

Approved: Chief of Facilities

Approved: Chief of Engineering

Approved: Chief of Projects

48-ES6.1

ELECTRICAL PANEL SCHEDULES

KEY PLAN N