

PROJECT NAME:		ALBA BANK												
PROJECT NUMBER:		26098.00												
PANEL:		EXISTING PANEL												
VOLTAGE:		120/208V, 3PH, 4W		BUS: 400 AMP		MAINS: 250A M.C.B.		ACCESSORIES: FEED THRU LUGS						
CODES:		0=LIGHTS 1=RECEP 2=EQUIP 3=A/C 4=HTG 5=125% LGST MTR 6=KITCHEN 7=PREVIOUSLY CALCULATED												
CODE	LOAD	CIRCUIT DESCRIPTION			BKR	CKT	PH	CKT	BKR	CIRCUIT DESCRIPTION			LOAD	CODE
2	600	CONF PROJECTORS			*	20/1	1	A	2	DED RECEPTEPS EMS RM			800	2
2	600	CONF PROJECTORS			*	20/1	3	B	4	EXISTING			800	2
2	720	EXISTING			*	20/1	5	C	6	EXISTING			980	2
2	540	EXISTING			*	20/1	7	A	8	EXISTING			460	2
2	650	EXISTING			*	20/1	9	B	10	EXISTING			680	2
2	980	EXISTING			*	20/1	11	C	12	EXISTING			1040	2
2	489	EXISTING			*	20/1	13	A	14	EXISTING			1111	2
2	720	EXISTING			*	20/1	15	B	16	RM 103 104 RECEPTS			720	1
2	665	EXISTING			*	20/1	17	C	18	EXISTING			1040	2
2	980	EXISTING			*	20/1	19	A	20	QUAD RECEPTS 109			720	1
2	850	EXISTING			*	20/1	21	B	22	EXISTING			720	2
2	460	EXISTING			*	20/1	23	C	24	EXISTING			720	2
2	1111	EXISTING			*	20/1	25	A	26	EXISTING			360	2
1	360	ELEV PIT RECEPTS			*	20/1	27	B	28	EXISTING			460	2
2	1040	EXISTING			*	20/1	29	C	30	EXISTING			325	2
2	360	EXISTING			*	20/1	31	A	32	EXISTING			250	2
2	490	EXISTING			*	20/1	33	B	34	EXISTING			350	2
2	450	EXISTING			*	20/1	35	C	36	EXISTING			950	2
2	550	EXISTING			*	20/1	37	A	38	EXISTING			980	2
2	980	EXISTING			*	20/1	39	B	40	EXISTING			1320	2
2	550	EXISTING			*	20/1	41	C	42	EXISTING			1250	2
		LIGHTS	RECEP	EQUIP.	MOTORS	EL. HEAT	PHASE			PHASE	CONN.KVA	LOAD FACTORS	DES. KVA	DES. AMP
		0	720	8591	0	0	A			A	9.3	LIGHTS @ 125%	9.3	78
		0	1080	8620	0	0	B			B	9.7	EQUIP. @ 100%	9.7	81
		0	0	11170	0	0	C			C	11.2	LG. MOTOR @125%	11.2	93
		0	1800	28381	0	0	TOTAL	F.T.L.		TOTAL	30.2	RECEPS @ 10KW+50%	30.2	84
SUB-FEED PANELS:														
							PANEL NAME	S.F. KVA	LOAD FACTORS	DES. KVA	DES. AMP			
							PANEL L1 S.2	57.7	SUB FEED @ 100%	57.7	160			

* EXISTING CIRCUIT BREAKER - ESTIMATED LOAD
** EXISTING SPARE CIRCUIT BREAKER
*** EXISTING BREAKER SPACE
**** REPLACE EXISTING BREAKER AS SHOWN

PROJECT NAME:		ALBA BANK															
PROJECT NUMBER:		26098.00															
PANEL:		EXISTING PANEL															
VOLTAGE:		120/208V, 3PH, 4W BUS: 225 AMP MAINS: M.L.O. ACCESSORIES:															
CODES:		0=LIGHTS 1=RECEP 2=EQUIP 3=A/C 4=HTG 5=125% LGST MTR 6=KITCHEN 7=PREVIOUSLY CALCULATED															
CODE	LOAD	CIRCUIT DESCRIPTION				BKR	CKT	PH	CKT	BKR	CIRCUIT DESCRIPTION				LOAD	CODE	
6	800	REF				*	20/1	1	A	2	20/1	FURNITURE				900	2
1	900	PLUG CIRCUIT				*	20/1	3	B	4	20/1	PLUG CIRCUIT				720	1
2	720	COPIER				*	20/1	5	C	6	20/1	FURNITURE				900	2
1	900	PLUGS				*	20/1	7	A	8	20/1	RECEP				540	1
1	720	PLUGS				*	20/1	9	B	10	20/1	RECEP				720	1
1	540	PLUG CIRCUIT				*	20/1	11	C	12	20/1	DED TELP ROOM				600	2
1	540	PLUG CIRCUIT				*	20/1	13	A	14	40/3	FURNITURE				720	1
1	540	PLUG CIRCUIT				*	20/1	15	B	16	---	---				720	1
6	1200	MICROWAVE				*	20/1	17	C	18	---	---				720	1
1	540	RECEP				*	20/1	19	A	20	20/1	RECEP				540	1
2	680	EXISTING				*	20/1	21	B	22	20/1	CONG PLUG MOLD				540	1
1	900	PLUG MOLD				*	20/1	23	C	24	20/1	EXISTING				680	2
2	900	EXISTING				*	20/1	25	A	26	20/1	SPARE				*	*
2	900	EXISTING				*	20/1	27	B	28	20/1	EXISTING				680	2
		SPACE							29	C	30	SPACE					
		LIGHTS	RECEP.	EQUIP.	MOTORS	EL. HEAT	PHASE			PHASE	CONN.KVA	LOAD FACTORS		DES. KVA	DES. AMP		
	0	3780	2600		0	0	A			A	6.4	LIGHTS @ 125%		6.2	51		
	0	4860	2260		0	0	B			B	7.1	EQUIP. @ 100%		6.4	53		
	0	2160	4100		0	0	C			C	6.3	LG. MOTOR @125%		6.8	57		
	0	10800	8960		0	0	TOTAL			TOTAL	19.8	RECEPS @ 10KW+50%		19.4	54		

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PROJECT NAME:		ALBA BANK												
PROJECT NUMBER:		26098.00												
PANEL:		EXISTING PANEL												
VOLTAGE:		277/480V, 3PH, 4W		BUS: 10 AMP		MAINS: 100A. M.C.B		ACCESSORIES:						
CODES:		0=LIGHTS 1=RECEP 2=EQUIP 3=A/C 4=HTG 5=125% LGST MTR 6=KITCHEN 7=PREVIOUSLY CALCULATED												
CODE	LOAD	CIRCUIT DESCRIPTION				BKR	CKT	PH	CKT	BKR	CIRCUIT DESCRIPTION		LOAD	CODE
0	955	L1 EM LIGHTS				*	20/1	1	A	2	20/3	X,FR	*	4560 7
0	665	L2 EM LIGHTS				*	20/1	3	B	4	---	---	*	6620 7
0	665	L3 EM LIGHTS				*	20/1	5	C	6	---	---	*	3820 7
0	665	L4 EM LIGHTS				*	20/1	7	A	8	20/3	SPF 1	*	3305 3
0	1920	STAIR LIGHTING				*	20/1	9	B	10	---	---	*	3305 3
0	1920	STAIR LIGHTING				*	20/1	11	C	12	---	---	*	3305 3
2	850	EXISTING				*	20/1	13	A	14	50/3	SPF 2	*	3305 3
2	790	EXISTING				*	20/1	15	B	16	---	---	*	3305 3
2	780	EXISTING				*	20/1	17	C	18	---	---	*	3305 3
2	1140	EXISTING				*	20/1	19	A	20	30/3	EXISTING	*	3305 2
2	1350	EXISTING				*	20/1	21	B	22	---	---	*	3305 2
2	1520	EXISTING				*	20/1	23	C	24	---	---	*	3305 2
2	1420	EXISTING				*	20/1	25	A	26	---	---	*	3305 2
		SPACE				***	27	B	28	---	---	SPACE	***	
		SPACE				***	29	C	30	---	---	SPACE	***	
		SPACE				***	29	C	30	---	---	SPACE	***	
		LIGHTS	RECEP.	EQUIP.	MOTORS	EL. HEAT	PHASE			PHASE	CONN.KVA	LOAD FACTORS	DES. KVA	DES. AMP
	1620	0	6715	6610	0	A				A	19.5	LIGHTS @ 125%	15.4	55
	2585	0	5445	6610	0	B				B	21.3	EQUIP. @ 100%	15.3	55
	2585	0	5605	6610	0	C				C	18.6	LG. MOTOR @125%	15.4	56
	6790	0	17765	19830	0	TOTAL	F.T.L.			TOTAL	59.4	RECEPS @ 10kW+50%	46.1	55
SUB-FEED PANELS:														
							PANEL NAME	S.F. KVA	LOAD FACTORS	DES. KVA	DES. AMP			
							PANEL EL1	6.6	SUB FEED @ 100%	6.6	8			
							GRAND TOTAL			52.7	63			

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PROJECT NUMBER:		26098.00											
PANEL:		EXISTING PANEL											
VOLTAGE:		120/208V, 3PH, 4W		BUS: 225 AMP		MAINS: M.L.O.		ACCESSORIES:					
CODES:		0=LIGHTS 1=RECEP 2=EQUIP 3=A/C 4=HTG 5=125% LGST MTR 6=KITCHEN 7=PREVIOUSLY CALCULATED											
CODE	LOAD	CIRCUIT DESCRIPTION		BKR	CKT	PH	CKT	BKR	CIRCUIT DESCRIPTION		LOAD	CODE	
2	1352	COMP ROOM		*	20/2	1	A	2	100/2 COMP ROOM		* 6760	2	
2	1352	---		*	---	3	B	4	---		* 6760	2	
1	540	ENGR RECEPT		*	20/1	5	C	6	20/1 COFFEE BAR RECEPT		* 540	1	
1	720	GP RECEPT		*	20/1	7	A	8	20/1 EXISTING		* 600	2	
2	1180	EXISTING		*	20/1	9	B	10	20/1 RECEPT 108		* 360	1	
2	720	EXISTING		*	20/1	11	C	12	20/1 RECEPT 108		* 540	1	
2	650	EXISTING		*	20/1	13	A	14	20/1 EXISTING		* 490	2	
2	950	EXISTING		*	20/1	15	B	16	20/1 EXISTING		* 950	2	
2	800	DISHWASHER 107		*	20/1	17	C	18	20/1 EXISTING		* 750	2	
1	540	RECEPT 107		*	20/1	19	A	20	20/1 EXISTING		* 980	2	
2	600	TV 101 102		*	20/1	21	B	22	20/1 EXISTING		* 722	2	
2	400	EXISTING		*	20/1	23	C	24	20/1 FIRE ALARM		* 600	2	
2	720	EXISTING		*	20/1	25	A	26	20/1 EXISTING		* 680	2	
2	350	EXISTING		*	20/1	27	B	28	20/1 EXISTING		* 790	2	
2	540	EXISTING		*	20/1	29	C	30	20/1 EXISTING		* 890	2	
2	600	EXISTING		*	20/1	31	A	32	20/1 EXISTING		* 540	2	
2	450	EXISTING		*	20/1	33	B	34	20/1 EXISTING		* 350	2	
2	555	EXISTING		*	20/1	35	C	36	20/1 EXISTING		* 720	2	
7	6157	L-1-3		*	100/3	37	A	38	30/1 EXISTING		* 650	2	
7	6847	---		*	---	39	B	40	30/1 EXISTING		* 250	2	
7	6847	---		*	---	41	C	42	20/1 EXISTING		* 360	2	
LIGHTS		RECEP	EQUIP	MOTORS	EL. HEAT	PHASE		PHASE		CONN.KVA	LOAD FACTORS	DES. KVA	DES. AMP
0		1260	14022	0	0	A		A		21.4	LIGHTS @ 125%	15.3	127
0		360	14704	0	0	B		B		21.4	EQUIP. @ 100%	15.1	125
0		1620	6335	0	0	C		C		14.8	LG. MOTOR @125%	8.0	66
0		3240	35061	0	0	TOTAL		TOTAL		57.7	RECEPS @ 10kW+50%	38.3	106
SUB-FEED PANELS:													
PANEL NAME						S.F. KVA		LOAD FACTORS		DES. KVA		DES. AMP	
PANEL L-1-3--						19.4		SUB FEED @ 100%		19.4		54	