



06.06.08	C.S.	D.J.	MICANAN SYSTEMS INC.	
DATE:	APPROVED:	DRAWN BY:		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES .XX=±.01 ANGLES=±30'			TITLE: TROLLEY APARTMENT OPERATOR PRO-APT/PRO-APT B	
REVISION: A		WEIGHT: 1lb	SIZE: B	PAGE: 1/1
		CAD FILE: 3D-PROAPT-APT B-XE		SCALE: 1:6

CODE	PART #	DESCRIPTION (PRO-APT/APTB)	PRO-APT	PRO-APTB
			QTY	C/W BRAKE QTY
**	1	MOTOR	1	1
MM00286	2	FRAME PRO-APT MSI0280	1	1
MM00002	3	CONTROL BOX MSI0001	1	1
MM00001	4	CONTROL BOX COVER MSI0005	1	1
MM00024	5	CAM PLATE MSI0013	1	1
ME00001	6	LIMIT SHAFT 3/8-1/2 x 9.75"	1	1
MG00030	7	LIMIT CAM 1/2-20 UNF	2	2
MH00001	8	BRONZE T-BUSHING 3/8" ID	2	2
MK00004	9	LIMIT SWITCH	5	5
MJ00006	10	LIMIT SWITCH DOUBLE SPACER 3/4" LONG	3	3
MG00003	11	DOUBLE NUT FOR LIM-SW.	4	4
MF00003	12	R.H. PHILLIPS MACHINE SCREW 4-40 UNC x 1-1/2"	6	6
MF00004	13	R.H. PHILLIPS MACHINE SCREW 6-32 UNC x 1"	2	2
MO00001	14	CAM PLATE COMPRESSION SPRING (.178IDx.032GX.55L)	2	2
MG00007	15	HEX NYLON LOCK NUT 6-32UNC	2	2
MH00006	16	COLLAR 3/8 ID	1	1
MM00288	17	VERTICAL MOTOR MOUNT BRACKET PRO-APT (MSI0282)	1	1
MM00046	18	CONTROL BOX HINGE	2	2
MI00001	19	MOTOR PULLEY 5L 5/8 ID X 2" OD	1	1
ME00018	20	KEYWAY 3/16 SQ. x 1-1/4" LONG	1	1
MI00034	21	PULLEY 9" OD c/w bushing 3/4" ID	1	1
MI00006	22	V-BELT 5L-325	1	1
MJ00004	23	CLUTCH PLATE ALUMINIUM 3/4" ID	1	1
MQ00007	24	SPRING PIN 1/4" x 2" LONG	1	1
MJ00005	25	CLUTCH PAD 3/4 ID	1	1
MG00014	26	SLOTTED HEX NUT 3/4-24UNF	1	1
MG00004	27	BELLEVILLE WASHER 13/16 IDx1-3/16X1/8	6	6
MQ00002	28	COTTER PIN 1/8 x 2.5" LONG	1	1
MF00012	29	CARRIAGE BOLT 5/16-18UNC x 5/8"	4	4
MG00012	30	RIBBED HEX NUT 5/16-18UNC	4	4
MH00008	31	COLLAR 3/4" ID	2	2
MH00007	32	COLLAR 1" ID	2	2
MF00085	33	R.H. PHILLIPS MACHINE SCREW 4-40 UNC x 2"	2	2
MD00050	36	SPROCKET 410B23 X 1"	1	1
MD00005	37	SPROCKET 410B12 X 3/8"	1	1
MD00381	38	#410 ROLLER CHAIN 49 PITCH C/W CONNECTING LINK	1	1
MD00059	39	SPROCKET 41B32 x 1"	1	1
MD00006	40	SPROCKET 41B10 x 3/4"	1	1
MD00007	41	DRIVE SPROCKET 41B12 X 1"	1	1
MD00382	42	#41 ROLLER CHAIN 51 PITCH DRIVE	1	1
ME00057	43	PRO-TBP INPUT SHAFT 3/4"x 12.775" no kw 1" thread	1	1
ME00017	45	KEYWAY 1/4" SQ. x 1-1/4" LG	1	1
MQ00016	47	SPRING PIN 3/16" x 1-1/4" Long	1	1
MQ00005	48	SPRING PIN 3/16" x 1-1/2" Long	2	2
MF00011	50	H.H. BOLT 3/8"-16UNC X 3/4" LONG	12	12
MQ00008	51	SET SCREW 5/16" -18	12	14
MQ00009	52	SET SCREW 1/4" -20	5	5
MF00046	53	H.H. SLOTTED SELF ROUNDING WASHER HEAD SCREW 10-32 UNF x 1/2"	5	5
MM00154	54	BRAKE PLATE HR MSI0166		1
MM00289	55	SOLENOID LEVER PRO-APT MSI0283		1
MF00005	56	R.H. PHILLIPS MACHINE SCREW 10-32 UNF x 5/8"		1
MQ00001	57	COTTER PIN 1/8 x 1.5"		1
MG00016	58	FLAT WASHER #10		5
MG00008	59	HEX NYLON NUT 10-32 UNF		1
MK00026	61 A	SOLENOID 120V		1 *
MK00027	61 B	SOLENOID 220V		1 *
MK00028	61 C	SOLENOID 460V		1 *
MK00029	61 D	SOLENOID 575V		1 *
MJ00003	62	BRAKE DRUM		1
MJ00001	63	BRAKE SHOE LEFT		1
MJ00002	64	BRAKE SHOE RIGHT		1
MH00002	65	MILD STEEL BUSHING 9/32ID x 13/32OD x1-1/16		1
MO00002	66	BRAKE COMPRESSION SPRING (5/16"ID-.05G-2.50L)		1
MG00006	67	HEX NUT 1/4-20UNC		6
MG00009	68	HEX NYLON LOCK NUT 1/4-20UNC		2
MF00028	69	HEX HEAD BOLT 1/4-20UNC x 1-1/4" (Full thread)		2
MF00029	70	HEX HEAD BOLT 1/4-20UNC x 1-3/4" (partial thread)		1
MF00044	71	HEX HEAD BOLT 1/4-20UNC x 4" (partial thread)		1
MG00017	72	1/4" FLAT WASHER		2
MG00010	74	RIBBED HEX NUT 10-32UNF	2	6
MG00018	75	LOCK WASHER 3/8"	2	2
MG00019	76	FLAT WASHER 13/16" I.D.x1.5OD (3/4" SHAFT SIZE)	2	2
MG00013	98	RIBBED HEX NUT 3/8" - 16UNC	10	10
MR00007	103	BRAKE DISCONNECT CABLE 1/16" x 12" LONG		1
MQ00012	104	ADJUSTABLE CABLE STOPPER		1
MG00021	110	FLAT WASHER 7/8" ID x 1-1/8" OD	2	2
MH00015	112	FLANGE BEARING C.I. 1" UCFL-205 16 2-HOLE	2	2
MG00020	113	FLAT WASHER 1-1/16" ID x 1-3/4" OD	2	2
MF00002	114	HEX HEAD BOLT 1/2" - 13UNC x 1-1/4" Long	4	4
MG00001	116	RIBBED HEX NUT 1/2" - 13UNC	4	4
ME00006	117	INTERMEDIARY SHAFT (PRO-HHD) 1" X 10-7/16	1	1
MH00099	127	PRECISION BEARING 3/4" C/W ALUMINIUM HOUSING	2	2
ME00049	129	KEYWAY 1/4" SQ. x 3/4" LG	2	2
MG00063	130	HEX NUT 10-32		4
MG00053	131	FLAT WASHER 3/8" SAE	2	2
MF00015	135	ROUND HEAD PHILIPS MACHINE SCREW 6-32 X 3/8"		4
MG00022	136	LOCK WASHER #6		4
MG00023	137	HEX NUT 6-32		4
ME00050	141	FRAME SUPPORT SHAFT 3/4" x 6" LONG	1	1
MG00051	163	SPACER 1/4" DIAMETER X 1/2" LONG	2	2
MG00093	179	FLAT WASHER #8	4	4
MQ00010	180	SET SCREW 10-24	1	1