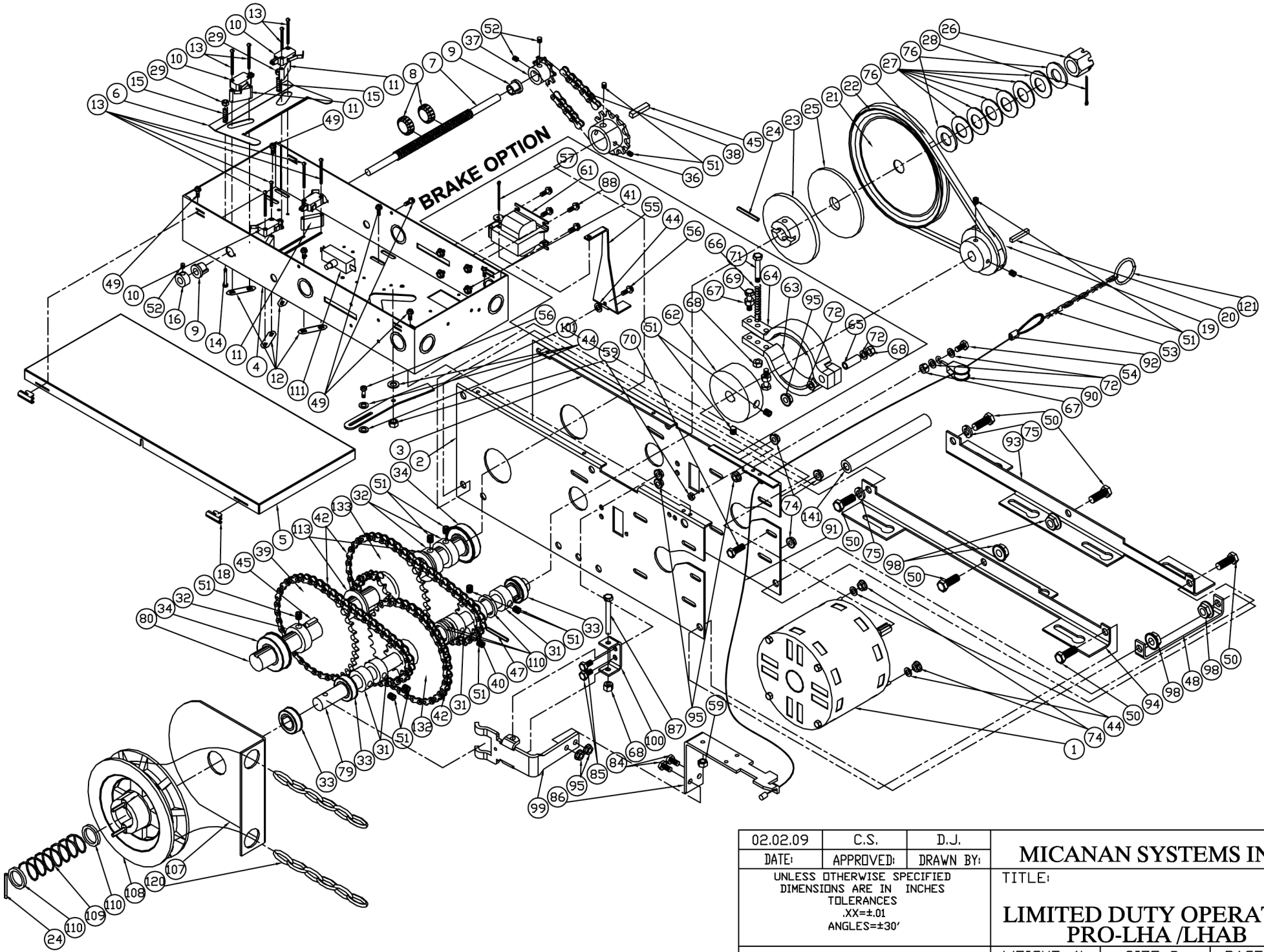

02.02.09	C.S.	D.J.	MICANAN SYSTEMS INC.
DATE:	APPROVED:	DRAWN BY:	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES .XX=±.01 ANGLES=±30'			TITLE: LIMITED DUTY OPERATOR PRO-LHA /LHAB
			WEIGHT: lb / SIZE: B / PAGE: 1/1
REVISION:A			CAD FILE: 3D-PROLHA/LHAB ASTA-XE / SCALE:

CODE	PART #	DESCRIPTION (PRO-LHA/LHAB)	PRO-LHA	PRO-LHAB C/W BRAKE
			QTY	QTY
MB01010	1	MOTOR (limited duty)	1	1
MM00208	2	ASTA LIMITED DUTY FRAME (LEFT) MSI0209	1	1
MM00209	3	ASTA LIMITED DUTY FRAME (RIGHT) MSI0210	1	1
MM00076	4	CONTROL BOX (Limited Duty) MSI0092	1	1
MM00077	5	CONTROL BOX COVER (Limited duty) MSI0093	1	1
MM00024	6	CAM PLATE MSI0013	1	1
ME00035	7	LIMIT SHAFT 3/8-1/2 x 8.436"	1	1
MG00030	8	LIMIT CAM 1/2-20 UNF	2	2
MH00001	9	BRONZE T-BUSHING 3/8" ID	2	2
MK00004	10	LIMIT SWITCH	4	4
MJ00006	11	LIMIT SWITCH SPACER 3/4" LONG	4	4
MG00003	12	DOUBLE NUT FOR LIM-SW.	4	4
MF00003	13	R.H. PHILLIPS MACHINE SCREW 4-40 UNCx1-1/2"	8	8
MF00004	14	R.H. PHILLIPS MACHINE SCREW 6-32 UNC x1"	2	2
MO00001	15	CAM PLATE COMPRESSION SPRING (.178IDx.032GX.55L)	2	2
MH00006	16	COLLAR 3/8" ID	1	1
MM00046	18	CONTROL BOX HINGE	2	2
MI00026	19	MOTOR PULLEY MA30 4L 5/8 ID X 3" OD	1	1
ME00018	20	KEYWAY 3/16 SQ. x 1-1/4" LONG	1	1
MI00017	21	PULLEY 7" OD c/w bushing 3/4" ID	1	1
MI00035	22	V-BELT A-27	1	1
MJ00004	23	CLUTCH PLATE ALUMINUM 3/4" ID	1	1
MQ00007	24	SPRING PIN 1/4" x 2" LONG	2	2
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
MG00007	29	HEX NYLON LOCK NUT 6-32UNC	2	2
MH00008	31	COLLAR 3/4" ID	4	4
MH00007	32	COLLAR 1" ID	3	3
MH00013	33	FLANGE BEARING 3/4" IDx1-3/8 OD	3	3
MH00009	34	FLANGE BEARING 1" IDx2"OD	2	2
MD00025	36	SPROCKET 410B23 X 1"	1	1
MD00111	37	SPROCKET 410B9 X 3/8"	1	1
MR00030	38	#410 ROLLER CHAIN 35 PITCH C/W CONNECTING LINK	1	1
MD00280	39	SPROCKET 41B32 x 1" C/W 1.69" HUB, 7/8" LTB	1	1
MD00242	40	SPROCKET 41B14 x 3/4"	1	1
MG00036	41	RIBBED HEX NUT 8-32UNF		4
MD00243	42	#41 ROLLER CHAIN 47 PITCH DRIVE C/W LINK	3	3
MG00016	44	FLAT WASHER #10	4	8
ME00017	45	KEYWAY 1/4" SQ. X 1-1/4" LONG	2	2
MQ00020	47	SPRING PIN 3/16" x 1-3/4" LONG	1	1
MM00128	48	LIMITTED DUTY FRAME SUPPORT U-BRACKET MSI0141	1	1
MF00046	49	H.H. SLOTTED SELF ROUNDING WASHER HEAD SCREW 10-32 UNF x 1/2"	7	7
MF00011	50	H.H. BOLT 3/8"-16UNC X 3/4" LONG	6	6
MQ00008	51	SET SCREW 5/16" -18	15	17
MQ00009	52	SET SCREW 1/4" - 20	3	3
MR00008	53	DISCONNECT SASH CHAIN	1	1
MF00008	54	HEX HEAD BOLT 1/4" - 20 X 1" LONG	1	1
MM00078	55	SOLENOID LEVER LIMITTED DUTY MSI0094		1
MF00005	56	R.H. PHILLIPS MACHINE SCREW 10-32 UNF x 5/8"		3
MQ00001	57	COTTER PIN 1/8 x 1.5"		1
MG00008	59	HEX NYLON NUT 10-32 UNF		3
MK00026	61	SOLENOID 120V		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	1	3
MG00009	68	HEX NYLON LOCK NUT 1/4-20UNC	1	3
MF00028	69	HEX HEAD BOLT 1/4-20UNC x 1-1/4" (Full thread)		2
MF00076	70	HEX HEAD BOLT 1/4-20UNC x 2" (full thread)		1
MF00044	71	HEX HEAD BOLT 1/4-20UNC x 4" (partial thread)		1
MG00017	72	1/4" FLAT WASHER	2	4
MG00010	74	RIBBED HEX NUT 10-32UNF	8	8
MG00018	75	LOCK WASHER 3/8"	2	2
MG00019	76	FLAT WASHER 13/16" I.D.x1.5OD (3/4" SHAFT SIZE)	2	2
ME00037	79	INPUT SHAFT PRO-LH 3/4" x 15.54"	1	1
ME00007	80	DRIVE SHAFT JACKSHAFT 1" X 15"	1	1
MF00007	84	HEX HEAD BOLT 1/4" - 20UNC x 3/4"	2	2
MF00006	85	HEX HEAD BOLT 1/4" - 20UNC x 1/2"	2	2
MM00211	86	ASTA LIMITED DUTY DISCONNECT LEVER MSI0212	1	1
MF00009	87	HEX HEAD BOLT 1/4" - 20UNC x 2-1/4" (partial thread)	1	1
MF00045	88	H.H. SLOTTED SELF ROUNDING WASHER HEAD SCREW 8-32UNF x 3/8"		4
MU00001	90	SWIVEL PULLEY	1	1
MR00001	91	DISCONNECT CABLE 3/32 X 12" LONG	1	1
MQ00011	92	3/32" ALUMINUM OVAL SLEEVE	1	1
MM00130	93	FRAME FOOT LIMITTED DUTY(LEFT) MSI0140	1	1
MM00129	94	FRAME FOOT LIMITTED DUTY (RIGHT) MSI0139	1	1
MG00011	95	RIBBED HEX NUT 1/4" - 20 UNC	5	6
MG00013	98	RIBBED HEX NUT 3/8" - 16UNC	4	4
MM00210	99	ASTA LIMITED DUTY DISCONNECT ARM (MSI0211)	1	1
MM00022	100	SUPPORT U-BRACKET PRO-H/LH MSI0015	1	1
MM00080	101	PIVOT BRACKET LIMITTED DUTY MSI0096		1
MM00013	107	CHAIN GUARD MSI0014	1	1
MI00003	108	POCKET WHEEL C/W 3/4" BUSHING & 2 1/4" SPRING PINS	1	1
MO00003	109	COMPRESSION SPRING (0.80ID x 0.092G x 1.80LONG)	1	1
MG00021	110	FLAT WASHER 7/8" ID x 1-1/8" OD	5	5
MK00005	111	CUTOUT SWITCH C/W NUT & WASHER	1	1
MG00020	113	FLAT WASHER 1-1/16" ID x 1-3/4" OD x 1/8" THICK	2	2
MR00006	120	HAND CHAIN	1	1
MU00002	121	KEYRING 1-1/4"	1	1
MD00247	132	DOUBLE SPROCKET 41B14/41A32 C/W 3/4" BUSHING	1	1
MD00246	133	DOUBLE SPROCKET 41B14/41A32 C/W 1" BUSHING	1	1
ME00050	141	FRAME SUPPORT SHAFT 3/4" X 6" LONG	1	1