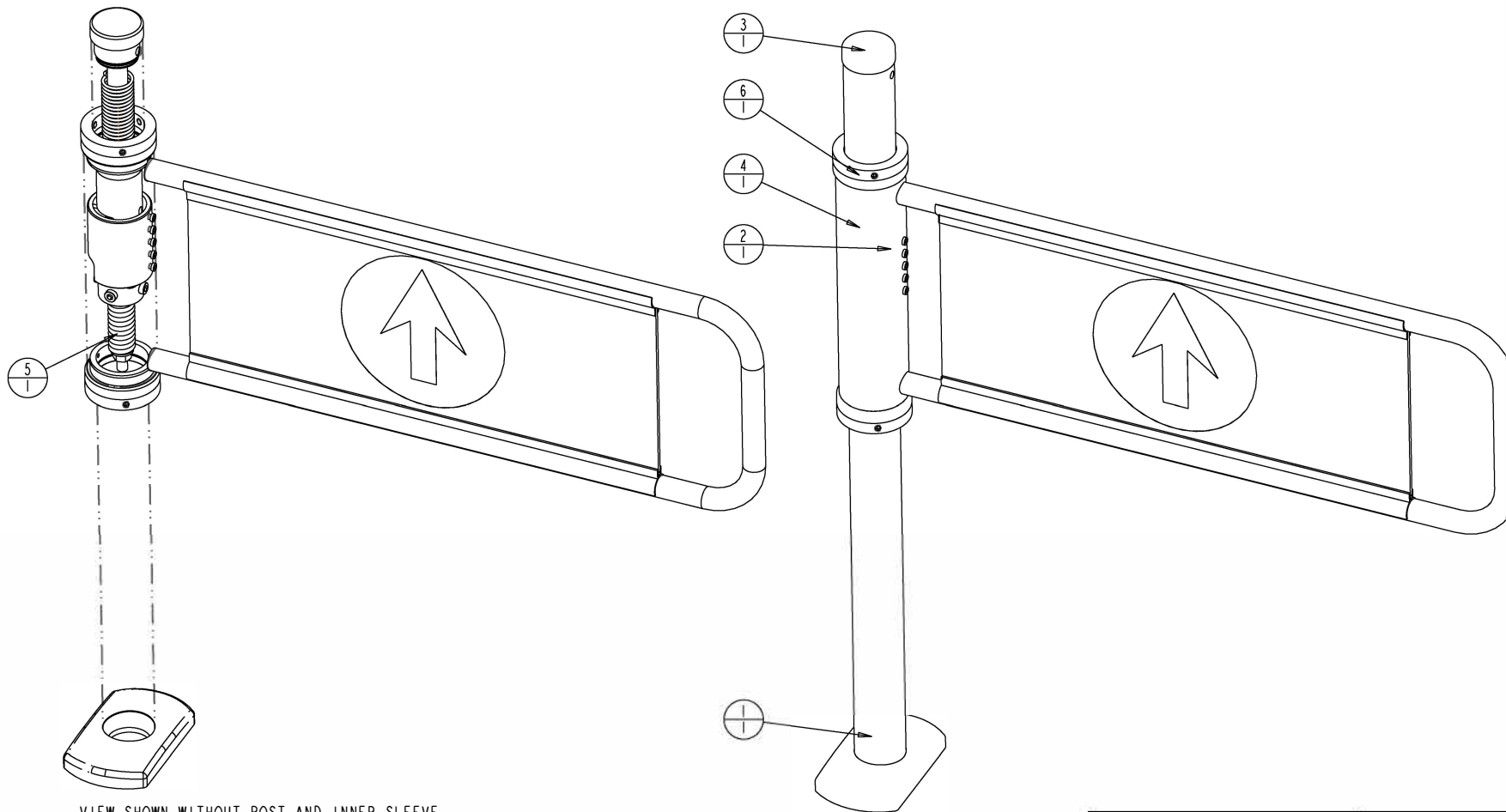


PARTS LIST							REVISIONS			
ITEM	PART NO.	DESCRIPTION	MODEL NAME	RAW MATERIAL SIZE	VENDOR INFO	QTY	ZONE	REV	DESCRIPTION	DATE
1	MECH-200	POST ASSY	MECHANICAL-GATE-POST	SEE PART DRAWINGS		1		01	INITIAL RELEASE	--/03
2	MECH-300	SHOCK ASSY	MECHANICAL-GATE-SHOCK	SEE PART DRG		1				
3	MECH-400	TOP CAP ASSY	MECHANICAL-GATE-TOP-CAP	SEE PART DRG		1				
4	MECH-500	SWING ARM ASSY	MECHANICAL-GATE-SWING-ARM	SEE PART DRG		1				
5	MECH-600	MECHANISM	MECHANICAL-GATE-MECHANISM	SEE PART DRG		1				
6	MECH-700	TORQUE SPRING	MECHANICAL-GATE-TORQUE-SPRING	WIRE DIA 0.14		1				



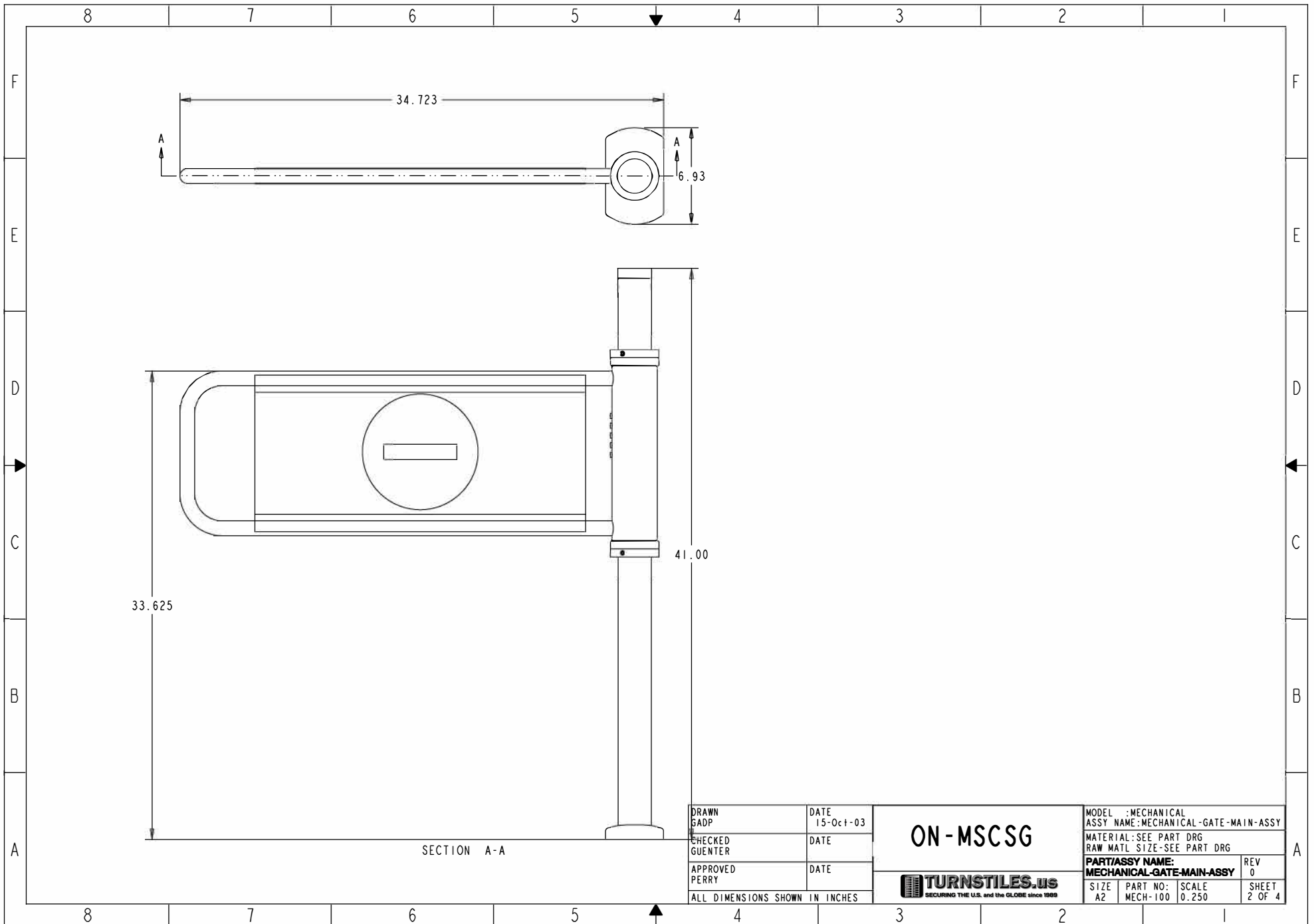
VIEW SHOWN WITHOUT POST AND INNER SLEEVE

STANDARD TOLERANCES UNLESS SPECIFIED	DRAWN GADP	DATE 15-Oct-03
X.X ±0.020	CHECKED GUENTER	DATE
X.XX ±0.010	APPROVED PERRY	DATE
X.XXX ±0.005		
HOLES ±0.003		
ANGLES ±1/2°		
ALL DIMENSIONS SHOWN IN INCHES		

ON-MSCSG

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CAD FILE-MECHANICAL-GATE-MAIN-ASSY.D			
MODEL TYPE: MECHANICAL			
TITLE MECHANICAL GATE MAIN ASSY			
PART/ASSY NAME: MECHANICAL-GATE-MAIN-ASSY			REV 0
SIZE A2	MATERIAL: SEE PART DRG	SCALE 0.300	SHEET 1 OF 4



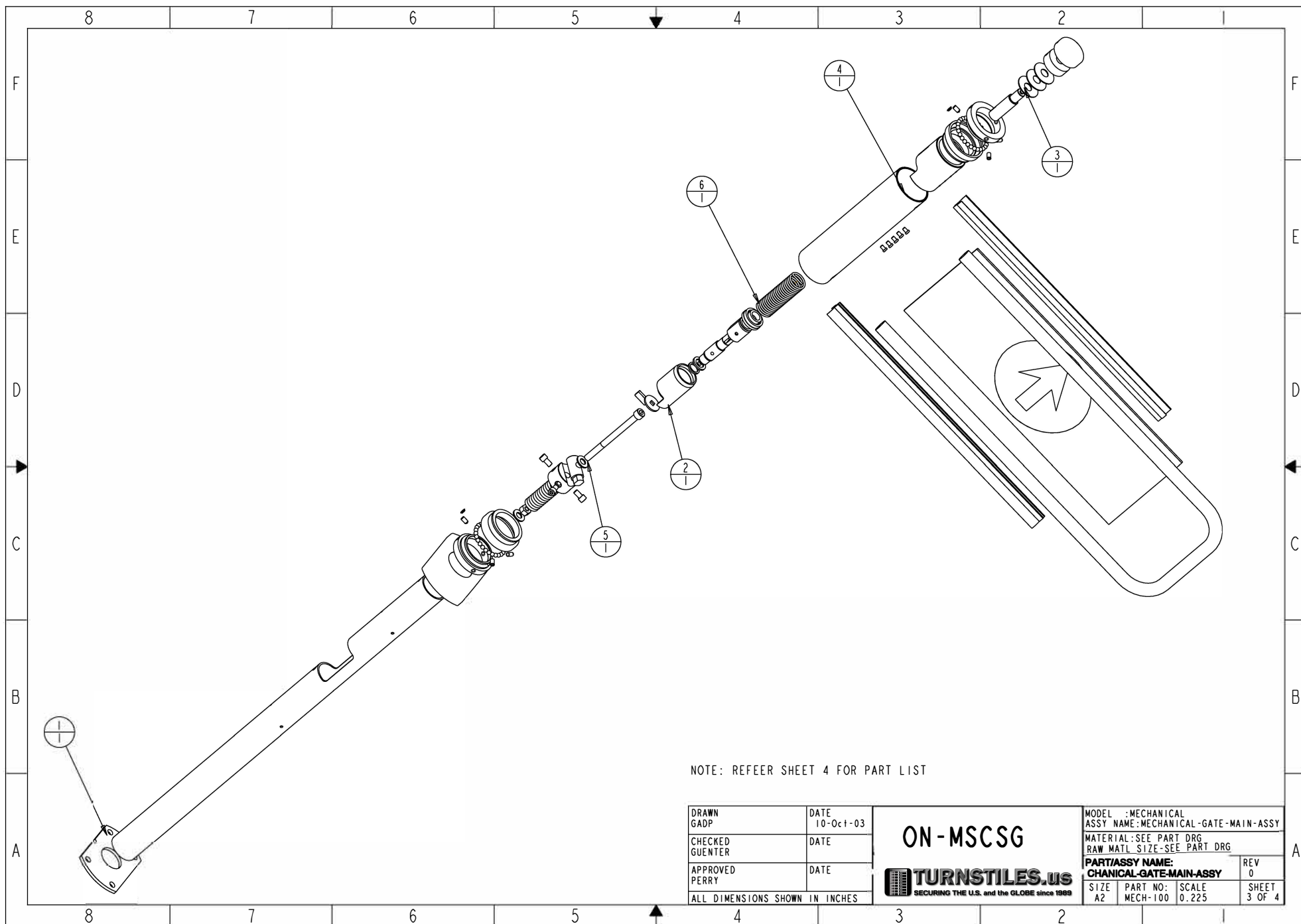
SECTION A-A

DRAWN GADP	DATE 15-Oct-03
CHECKED GUENTER	DATE
APPROVED PERRY	DATE
ALL DIMENSIONS SHOWN IN INCHES	

ON-MSCSG



MODEL : MECHANICAL			
ASSY NAME: MECHANICAL-GATE-MAIN-ASSY			
MATERIAL: SEE PART DRG			
RAW MATL SIZE-SEE PART DRG			
PART/ASSY NAME: MECHANICAL-GATE-MAIN-ASSY			REV 0
SIZE A2	PART NO: MECH-100	SCALE 0.250	SHEET 2 OF 4



NOTE: REFER SHEET 4 FOR PART LIST

DRAWN GADP	DATE 10-Oct-03
CHECKED GUENTER	DATE
APPROVED PERRY	DATE
ALL DIMENSIONS SHOWN IN INCHES	

ON-MSCSG



MODEL : MECHANICAL			
ASSY NAME: MECHANICAL-GATE-MAIN-ASSY			
MATERIAL: SEE PART DRG			
RAW MATL SIZE-SEE PART DRG			
PART/ASSY NAME: MECHANICAL-GATE-MAIN-ASSY			REV 0
SIZE A2	PART NO: MECH-100	SCALE 0.225	SHEET 3 OF 4

8	7	6	5	4	3	2	1					
PARTS LIST												
ITEM	PART NO.	DESCRIPTION	MODEL NAME	TYPE	RAW MATERIAL SIZE	VENDOR INFO	QTY					
1	MECH-200	POST ASSY	MECHANICAL-GATE-POST	ASSEMBLY	SEE PART DRAWINGS	SEE PART DRAWINGS	1					
	MECH-201	BASE	MECHANICAL-GATE-BASE	PART	0.265 THK	LASER CUT	1					
	MECH-202	POST	MECHANICAL-GATE-POST	PART	2.375 X 0.12 WALL DOM	FOR PLATING	1					
	MECH-203	BASE COVER	MECHANICAL-GATE-BASE-COVER	PART	16 GA	FOR PLATING	1					
	MECH-204	KEY	MECHANICAL-GATE-KEY	PART	5/16 IN SQUARE	STANDARD	1					
2	MECH-300	SHOCK ASSY	MECHANICAL-GATE-SHOCK	ASSEMBLY	SEE PART DRG	SEE COMPONENT DRG	1					
	MECH-301	SHOCK BODY	MECHANICAL-GATE-SHOCK-BODY	PART	DIA 2-1/8, 2-1/4	FOR CNC MACHINING	1					
	MECH-302	SHAFT- ASSY	MECHANICAL-GATE-SHAFT-ASSY	ASSEMBLY	SEE COMPONENT DRG	SEE COMPONENT DRG	1					
	MECH-303	SHOCK CAP	MECHANICAL-GATE-SHOCK-CAP	PART	-	-	1					
	MECH-304	SHOCK FINGER ASSY	MECHANICAL-GATE-SHOCK-FINGER	ASSEMBLY	SEE PART DWG	FOR PLATING	1					
	MECH-305	QUAD RING 4211	MECHANICAL-GATE-O-RING	PART	NO:QR4211	N/A	2					
	MECH-306	NYLON WASHER	MECHANICAL-GATE-NYLON-WASHER	PART	-	-	2					
3	MECH-400	TOP CAP ASSY	MECHANICAL-GATE-TOP-CAP	ASSEMBLY	SEE PART DRG	SEE PART DRG	1					
	MECH-401	TOP SHAFT	MECHANICAL-GATE-TOP-SHAFT	PART	DIA 15/16IN CR SOLID BAR	-	1					
	MECH-402	681-302-SPAENAU AM-501815	MECHANICAL-GATE-PLATE-SPRING	PART	50MM-OD X 18.4MM-ID X 1.5MM THK	681-302-SPAENAU AM-501815	3					
	ELEC-403	TOP CAP BODY	MECHANICAL-GATE-TOP-CAP-BODY	PART	2-1/8" SOLID RD	FOR PLATING	1					
	MECH-404	TOP CAP	MECHANICAL-GATE-TOP-CAP	PART	DIA 2-1/2" SOLID RD	FOR PLATING	1					
4	MECH-500	SWING ARM ASSY	MECHANICAL-GATE-SWING-ARM	ASSEMBLY	SEE PART DRG	SEE PART DRG	1					
	MECH-501	OUTER SLEEVE	MECHANICAL-GATE-OUTER-SLEEVE	PART	3-1/4 X 1/8 WALL DOM	FOR PLATING	1					
	MECH-502	SWING ARM	MECHANICAL-GATE-SWING-ARM	PART	1-1/16 CRW 16 GA	-	1					
	MECH-503	GATE PROFILE	MECHANICAL-GATE-PROFILE	PART	STANDARD	STANDARD	2					
	MECH-504	SIGN PLATE	MECHANICAL-GATE-SIGN-PLATE	PART	3/16 THK	FOR SCREEN PRINTING	1					
	MECH-505	INNER SLEEVE	MECHANICAL-GATE-INNER-SLEEVE	PART	3 IN DOM	-	1					
	MECH-506	BEARING ASSY	MECHANICAL-GATE-BEARING-ASSY	ASSEMBLY	SEE PART DRG	SEE PART DRG	2					
	MECH-507	STANDARD	SCREW	PART	3/816 X 5/8	FOR PLATING	5					
5	MECH-600	MECHANISM	MECHANICAL-GATE-MECHANISM	ASSEMBLY	SEE PART DRG	SEE PART DRG	1					
	MECH-601	BOLT	MECHANICAL-GATE-BOLT	PART	1/2-13 X 6.5 IN ALLEN CAP HEAD	-	1					
	MECH-602	STANDARD	MECHANICAL-GATE-WASHER	PART	1.01 DIA X 0.1 THK	FOR PLATING	2					
	MECH-603	PANIC FINGER	MECHANICAL-GATE-PANIC-FINGER	PART	DIA 1 IN CR	-	1					
	MECH-604	MECHANISM BODY	MECHANICAL-GATE-MECHANISM-BODY	PART	DIA 2-1/8" CR	FOR PLATING & HEAT TREATING	1					
	MECH-605	STANDARD	MECHANICAL-GATE-SPRING-CLOSE	PART	W/DIA 1.04	FOR PLATING	1					
	MECH-606	STANDARD	MECHANICAL-GATE-NUT	PART	3/8-16 UFC	FOR PLATING	1					
	MECH-507	STANDARD	ALLEN-HEAD-SCREW	PART	3/816 X 5/8	FOR PLATING	4					
6	MECH-700	TORQUE SPRING	MECHANICAL-GATE-TORQUE-SPRING	PART	WIRE DIA 0.14	STANDARD	1					
					DRAWN GADP DATE 10-Oct-03			ON-MSCSG	MODEL :MECHANICAL ASSY NAME:MECHANICAL-GATE-MAIN-ASSY			
					CHECKED GUENTER DATE				MATERIAL:SEE PART DRG RAW MATL SIZE-SEE PART DRG			
					APPROVED PERRY DATE				PART/ASSY NAME: MECHANICAL-GATE-MAIN-ASSY			
					ALL DIMENSIONS SHOWN IN INCHES				REV 0			
					TURNSTILES.us SECURING THE U.S. and the GLOBE since 1989			SIZE A2		PART NO: MECH-100	SCALE 0.300	SHEET 4 OF 4