

4

3

2

1

D

D

C

C

B

B

A

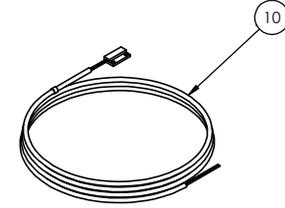
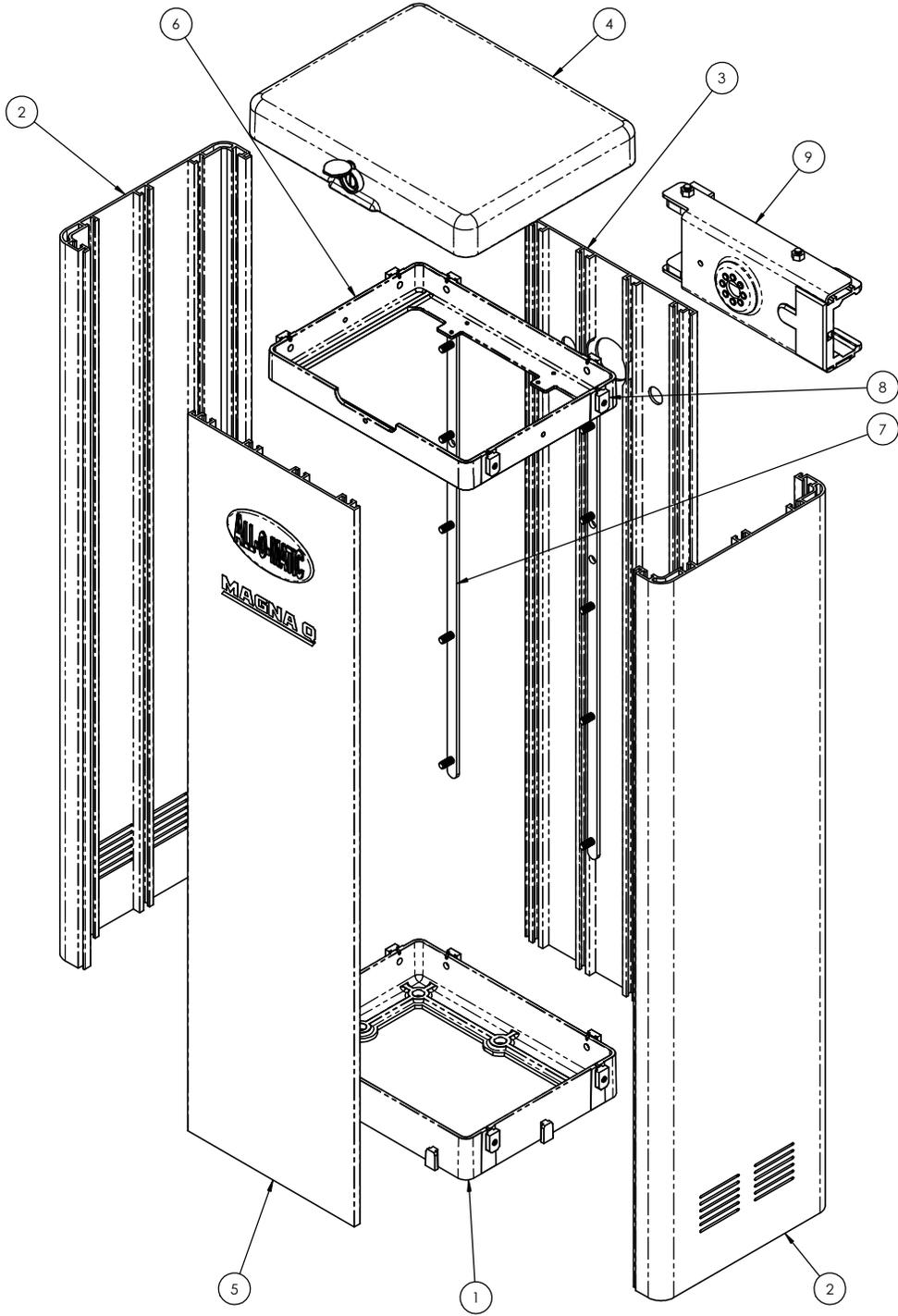
A

4

3

2

1



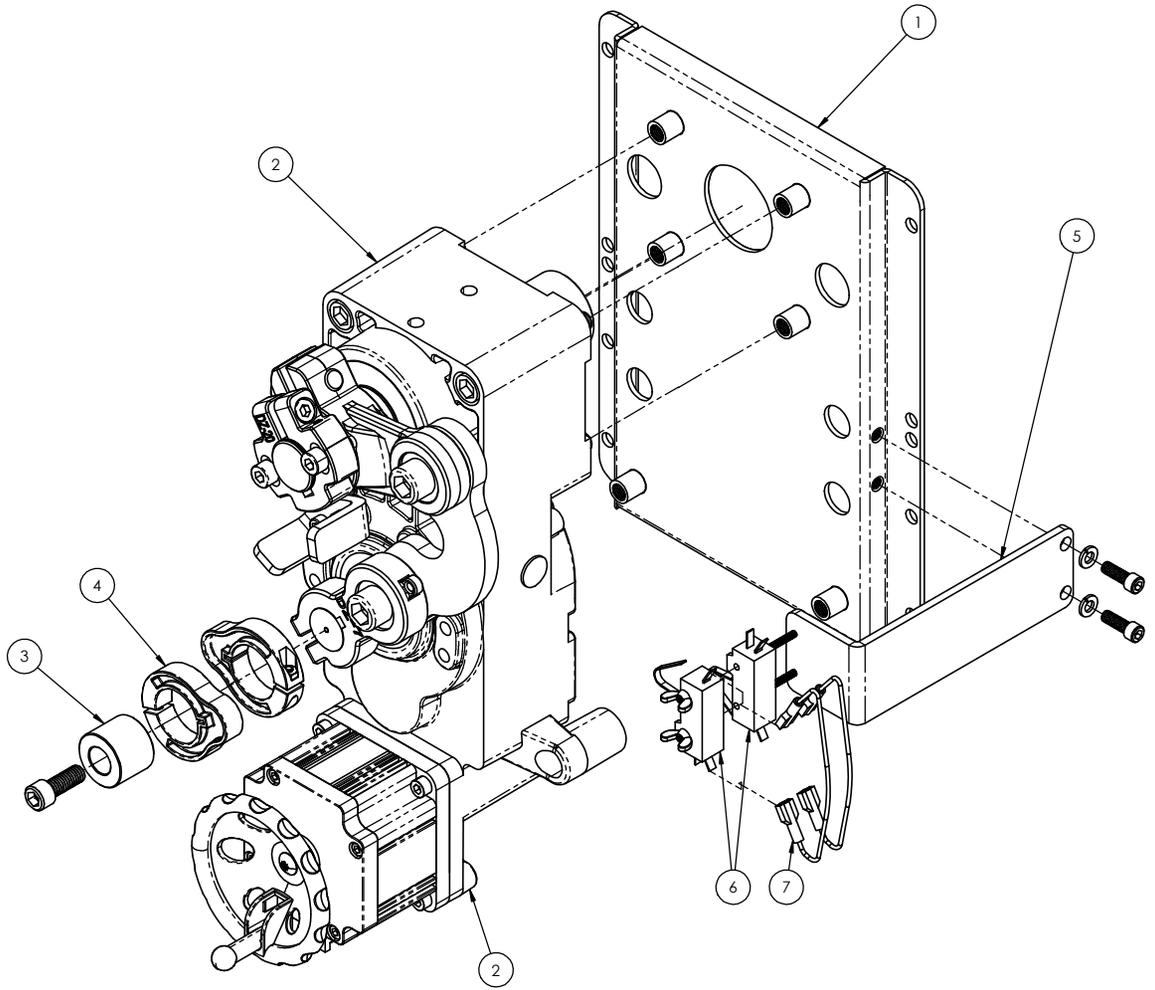
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MQ-19BMP	BASE MOUNTING PLATE	1
2	MQ-19SP	SIDE PANEL EXTRUSION	2
3	MQ-19BP	BARRIER SHAFT PANEL	1
4	MQ-19THC	TOP HOOD COVER ASSEMBLY	1
5	MQ-19AP	ACCESS PANEL EXTRUSION	1
6	MQ-19TF	TOP FRAME	2
7	MQ-19RMB	RAIL MOUNTING BAR	2
8	MQ-TNUT	T-NUT	13
9	MQ-BAB	ARM ATTACHMENT BRACKET	1
10	MQ-ADS	ARM DISABLE SENSOR	1

ALL-O-MATIC, Inc.
 7658 Haskell Ave. Phone: (818) 787-1988
 Van Nuys CA, USA 91406
 EMAIL: fortino@allomatic.net

DIMENSIONS ARE IN INCHES
 BREAK SHARP EDGES .10-.40
 MACHINED SURFACE FINISH IS
 16 MICROMETERS
 DO NOT SCALE DRAWING

THE INFORMATION DISCLOSED HEREIN WAS ORIGINATED BY
 AND IS THE PROPERTY OF ALL-O-MATIC, INC. AND ALL PATENT,
 PROPRIETARY, DESIGN, USE, SALE, MANUFACTURING, AND
 REPRODUCTION RIGHTS THERE TO ARE RESERVED BY
 ALL-O-MATIC, INC.

DRAWN BY:	DATE DRAWN:	CHECKED BY:	DATE CHECKED:
MATERIAL:			
RAW MAT:			
TITLE: MAGNA Q HOUSING ASSEMBLY			
SHEET 1 OF 7	SCALE: 1:12	DRAWING SIZE: C	PART:



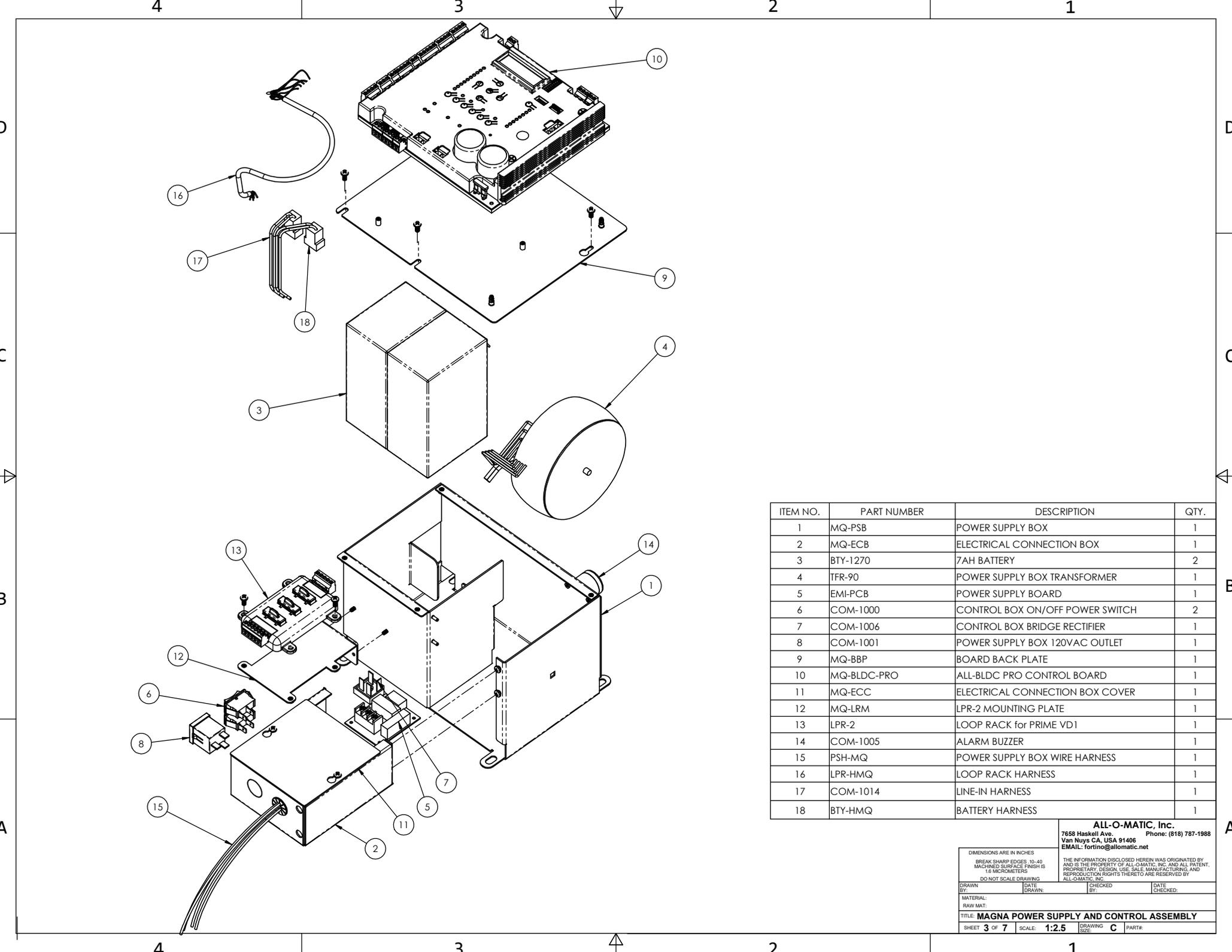
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MQ-19GBMP	GEARBOX MOUNTING PLATE	1
2	MQ-19GHM	GEARHEAD MOTOR ASSEMBLY	1
3	MQ19-LSE	LIMIT SHAFT EXTENSION	1
4	COM-1012	LIMIT SWITCH COLLAR	2
5	MQ-LSB	LIMIT SWITCH BRACKET	1
6	COM-1007	LIMIT SWITCH	2
7	MQ-LSH	LIMIT SWITCH HARNESS	1

ALL-O-MATIC, Inc.
 7658 Haskall Ave. Phone: (818) 787-1988
 Van Nuys CA, USA 91406
 EMAIL: fortino@allomatic.net

DIMENSIONS ARE IN INCHES
 BREAK SHARP EDGES: 10-40
 MACHINED SURFACE FINISH IS
 16 MICROMETERS
 DO NOT SCALE DRAWING

THE INFORMATION DISCLOSED HEREIN WAS ORIGINATED BY
 AND IS THE PROPERTY OF ALL-O-MATIC, INC. AND ALL PATENT,
 PROPRIETARY, DESIGN, USE, SALE, MANUFACTURING, AND
 REPRODUCTION RIGHTS THERE TO ARE RESERVED BY
 ALL-O-MATIC, INC.

DRAWN BY:	DATE DRAWN:	CHECKED BY:	DATE CHECKED:
MATERIAL:			
RAW MAT:			
TITLE: MAGNA Q GEARHEAD MOTOR ASSEMBLY			
SHEET 2 OF 7	SCALE: 1:2	DRAWING SIZE: C	PART:



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MQ-PSB	POWER SUPPLY BOX	1
2	MQ-ECB	ELECTRICAL CONNECTION BOX	1
3	BTY-1270	7AH BATTERY	2
4	TFR-90	POWER SUPPLY BOX TRANSFORMER	1
5	EMI-PCB	POWER SUPPLY BOARD	1
6	COM-1000	CONTROL BOX ON/OFF POWER SWITCH	2
7	COM-1006	CONTROL BOX BRIDGE RECTIFIER	1
8	COM-1001	POWER SUPPLY BOX 120VAC OUTLET	1
9	MQ-BBP	BOARD BACK PLATE	1
10	MQ-BLDC-PRO	ALL-BLDC PRO CONTROL BOARD	1
11	MQ-ECC	ELECTRICAL CONNECTION BOX COVER	1
12	MQ-LRM	LPR-2 MOUNTING PLATE	1
13	LPR-2	LOOP RACK for PRIME VD1	1
14	COM-1005	ALARM BUZZER	1
15	PSH-MQ	POWER SUPPLY BOX WIRE HARNESS	1
16	LPR-HMQ	LOOP RACK HARNESS	1
17	COM-1014	LINE-IN HARNESS	1
18	BTY-HMQ	BATTERY HARNESS	1

ALL-O-MATIC, Inc.
 7658 Haskell Ave. Phone: (818) 787-1988
 Van Nuys CA, USA 91406
 EMAIL: fortino@allomatic.net

DIMENSIONS ARE IN INCHES			
BREAK SHARP EDGES .10-.40			
MACHINED SURFACE FINISH IS			
16 MICROMETERS			
DO NOT SCALE DRAWING			
DRAWN BY:	DATE DRAWN:	CHECKED BY:	DATE CHECKED:
MATERIAL:			
RAW MAT:			
TITLE: MAGNA POWER SUPPLY AND CONTROL ASSEMBLY			
SHEET 3 OF 7	SCALE: 1:2.5	DRAWING SIZE: C	PART:

4

3

2

1

D

D

C

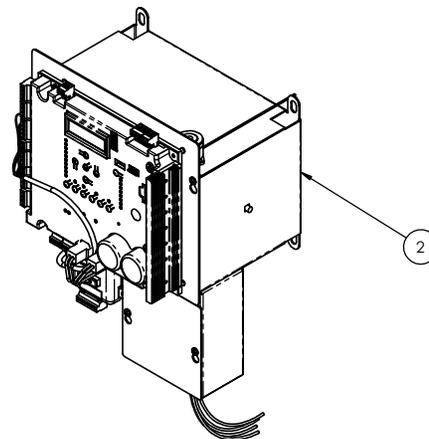
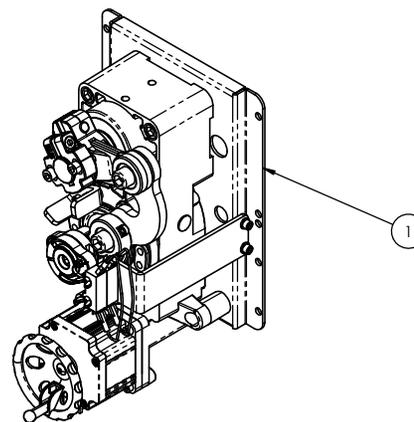
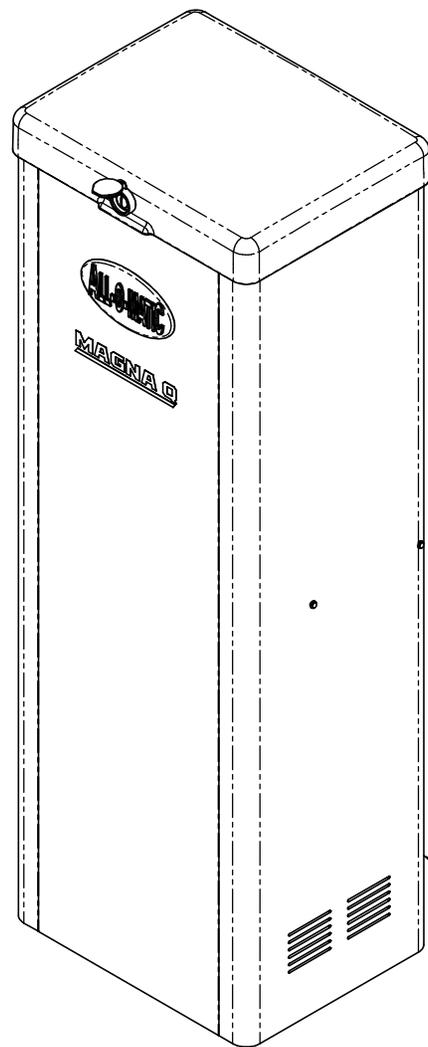
C

B

B

A

A



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MQ-19GHB	GEARHEAD MOTOR ASSEMBLY	1
2	MQ-19PSASSY	POWER SUPPLY and CONTROL ASSY	1
3	MQ-19MOH	MAIN OUTER HOUSING	1

ALL-O-MATIC, Inc.
 7658 Haskell Ave. Phone: (818) 787-1988
 Van Nuys CA, USA 91406
 EMAIL: fortino@allomatic.net

DIMENSIONS ARE IN INCHES
 BREAK SHARP EDGES 10-40
 MACHINED SURFACE FINISH IS
 16 MICROMETERS
 DO NOT SCALE DRAWING

THE INFORMATION DISCLOSED HEREIN WAS ORIGINATED BY
 AND IS THE PROPERTY OF ALL-O-MATIC, INC. AND ALL PATENT,
 PROPRIETARY, DESIGN, USE, SALE, MANUFACTURING, AND
 REPRODUCTION RIGHTS THERE TO ARE RESERVED BY
 ALL-O-MATIC, INC.

DRAWN BY:	DATE DRAWN:	CHECKED BY:	DATE CHECKED:
MATERIAL:			
RAW MAT:			
TITLE: MAGNA Q SUB-ASSEMBLIES			
SHEET 4 OF 7	SCALE: 1:4	DRAWING SIZE: C	PART:

4

3

2

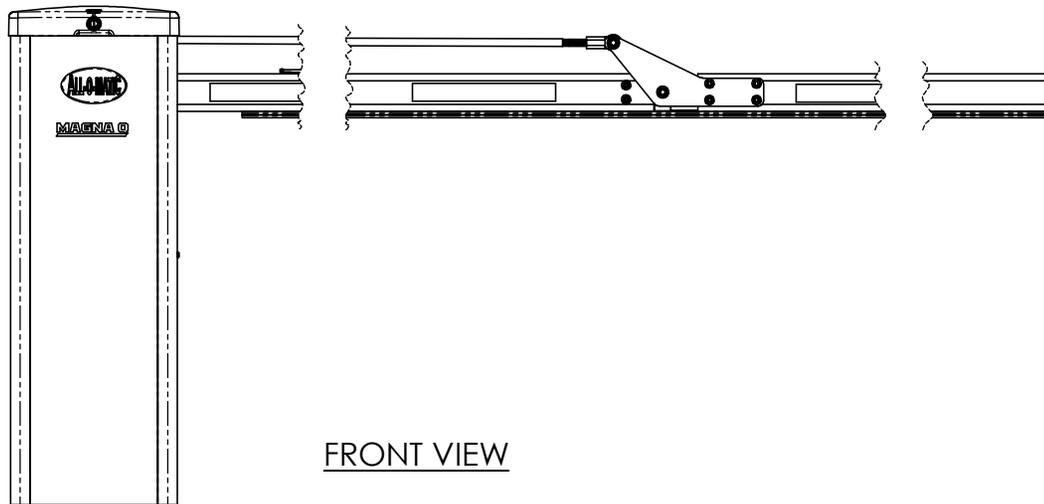
1

4

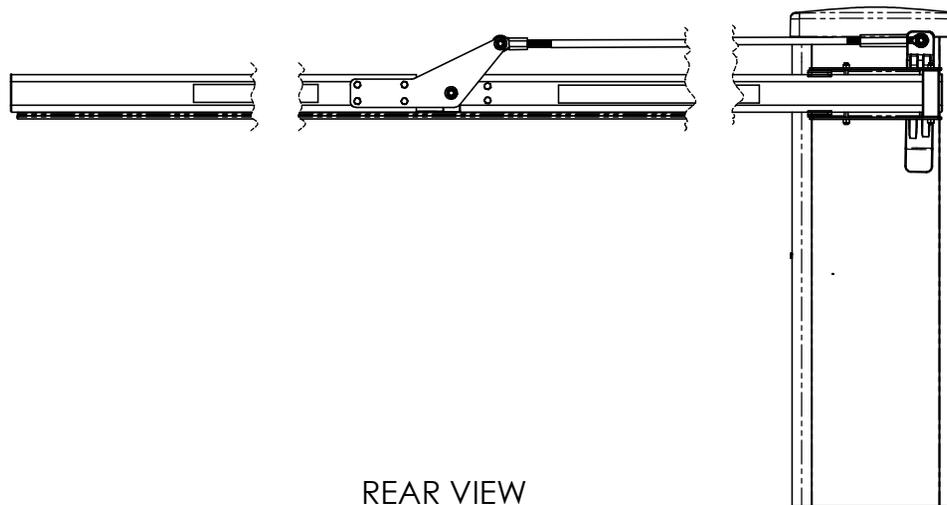
3

2

1



FRONT VIEW



REAR VIEW

ALL-O-MATIC, Inc.
 7658 Haskell Ave. Phone: (818) 787-1988
 Van Nuys CA, USA 91406
 EMAIL: fortino@allomatic.net

DIMENSIONS ARE IN INCHES			
BREAK SHARP EDGES .10-.40			
MACHINED SURFACE FINISH IS			
16 MICROMETERS			
DO NOT SCALE DRAWING			
DRAWN BY:	DATE DRAWN:	CHECKED BY:	DATE CHECKED:
MATERIAL:			
RAW MAT:			
TITLE: MAGNA Q ASSEMBLY WITH ARTICULATING ARM HARDWARE			
SHEET 5 OF 7	SCALE: 1:8	DRAWING SIZE: C	PART:

4

3

2

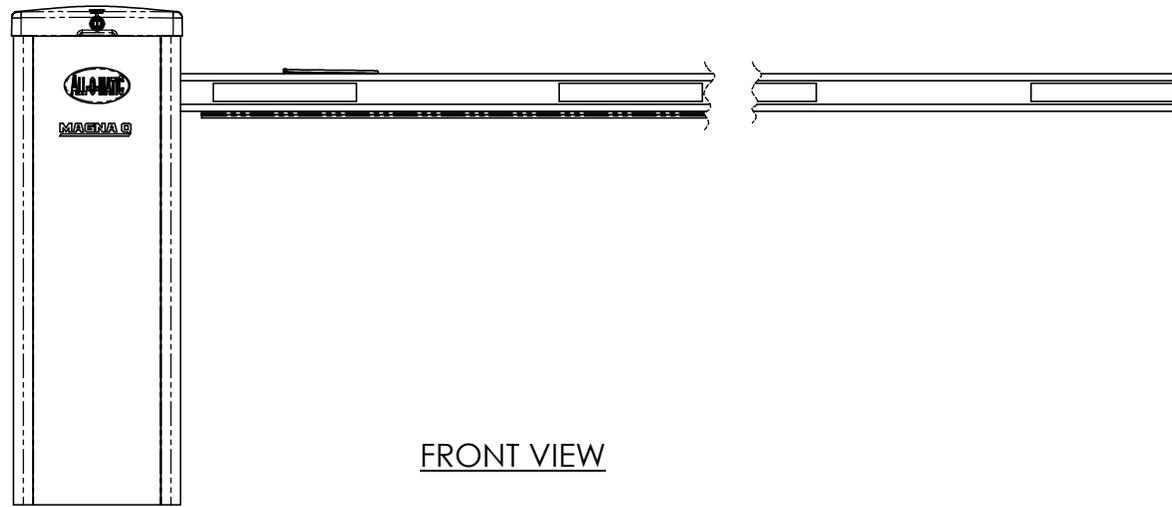
1

4

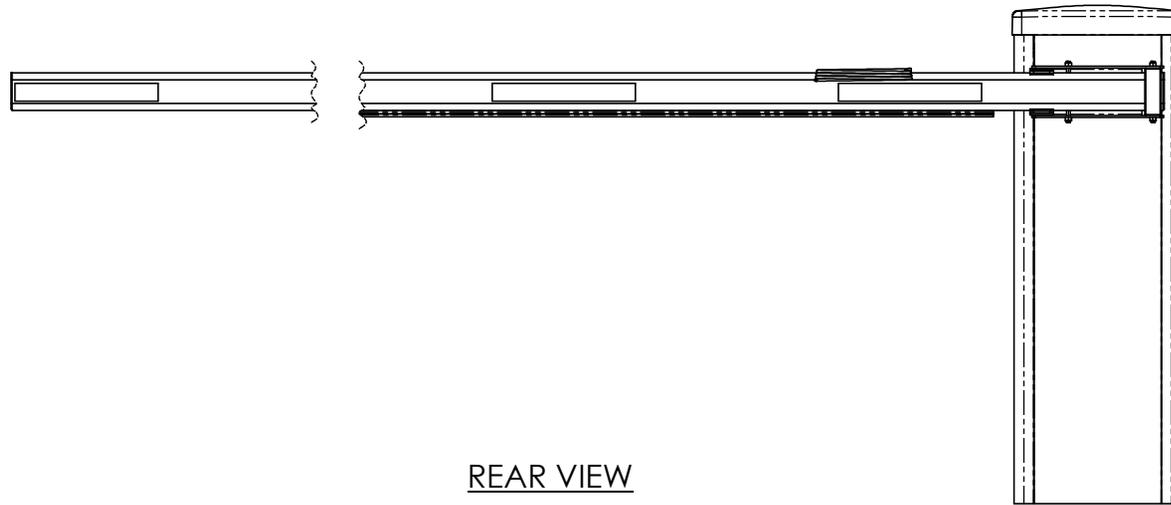
3

2

1



FRONT VIEW



REAR VIEW

ALL-O-MATIC, Inc.
 7685 Haskell Ave. Phone: (818) 787-1988
 Van Nuys CA, USA 91406
 EMAIL: fortino@allomatic.net

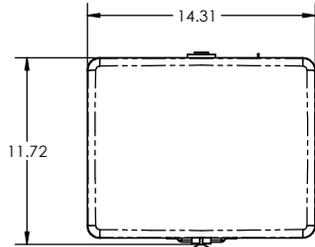
DIMENSIONS ARE IN INCHES			
BREAK SHARP EDGES 10-40			
MACHINED SURFACE FINISH IS			
16 MICROMETERS			
DO NOT SCALE DRAWING			
DRAWN BY:	DATE DRAWN:	CHECKED BY:	DATE CHECKED:
MATERIAL: RAW MAT:			
TITLE: MAGNA Q WITH STANDARD ARM			
SHEET 6 OF 7	SCALE: 1:8	DRAWING SIZE: C	PART:

4

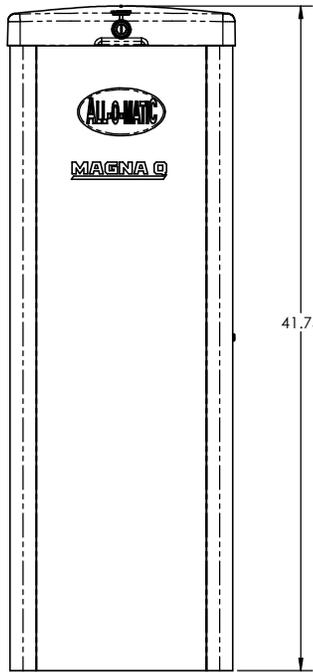
3

2

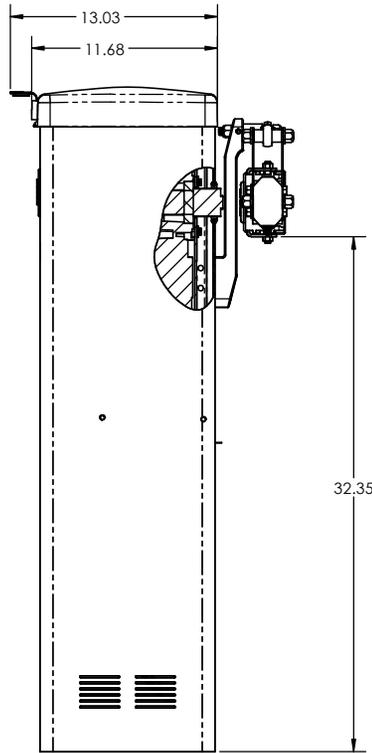
1



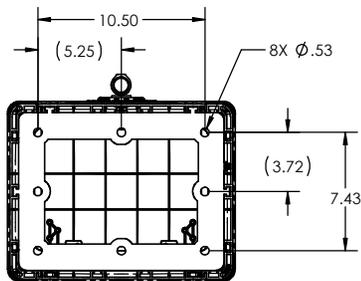
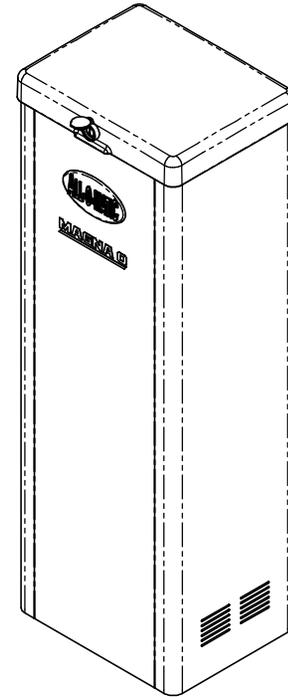
TOP VIEW



FRONT VIEW



SIDE VIEW
(SHOWN WITH ARTICULATING
ARM AND MOTOR)



BOTTOM VIEW

ALL-O-MATIC, Inc.
7658 Haskell Ave. Phone: (818) 787-1988
Van Nuys CA, USA 91406
EMAIL: fortino@allomatic.net

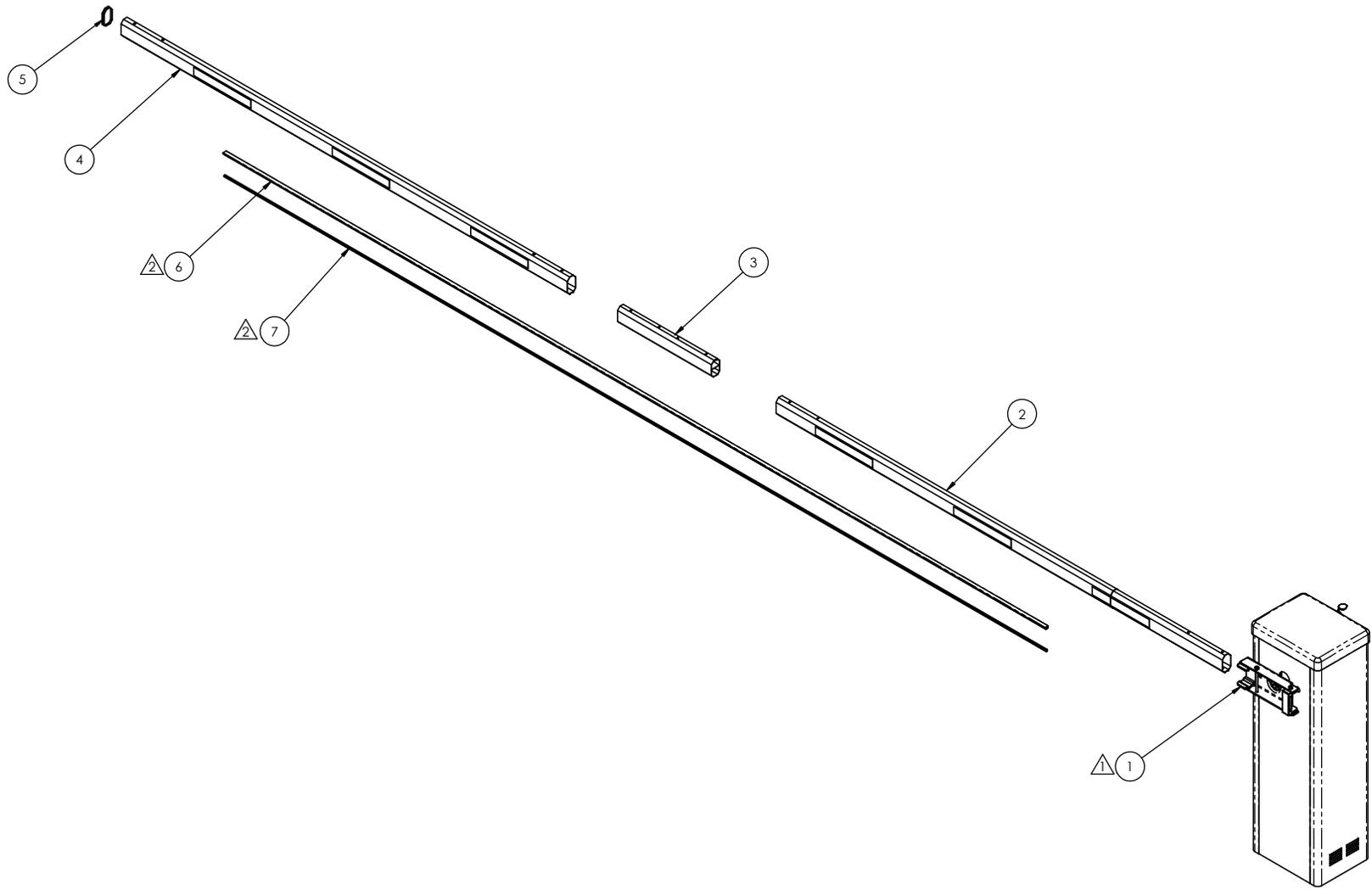
DIMENSIONS ARE IN INCHES			
BREAK SHARP EDGES 10-40			
MACHINED SURFACE FINISH IS			
16 MICROMETERS			
DO NOT SCALE DRAWING			
DRAWN BY:	DATE DRAWN:	CHECKED BY:	DATE CHECKED:
MATERIAL:			
RAW MAT:			
TITLE: MAGNA Q FOOTPRINT DRAWING			
SHEET 7 OF 7	SCALE: 1:6	DRAWING SIZE: C	PART:

4

3

2

1



NOTES:

⚠️ ITEM ① IS INCLUDED IN OPERTOR (PN: MQ-19A), NOT INCLUDED IN ARM KIT.

⚠️ OPTIONAL, NOT INCLUDED IN ARM KIT.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MQ-BAB	ARM ATTACHMENT BRACKET	1
2	MQ-15A-1	MAIN ARM SECTION	1
3	MQ-15A-L	ARM CONNECTING LINK	1
4	MQ-15A-2	SECOND ARM SECTION	1
5	MQ-15A-EC	ARM END CAP	2
6	MQ-LED15, MQ-LED19	LED STRIP 15 FT, 19FT	1
7	MQ-EDGE15, MQ-EDGE19	EDGE SENSOR 15FT, 19FT	1

ALL-O-MATIC, Inc.
 7685 Haskell Ave. Phone: (818) 787-1988
 Van Nuys CA, USA 91406
 EMAIL: fortino@allomatic.net

DIMENSIONS ARE IN INCHES
 BREAK SHARP EDGES .10-.40
 MACHINED SURFACE FINISH IS
 16 MICROMETERS
 DO NOT SCALE DRAWING

DRAWN BY:	DATE DRAWN:	CHECKED BY:	DATE CHECKED:
MATERIAL:			
RAW MAT:			
TITLE: MQ-15A ARM ASSEMBLY			
SHEET 1 OF 5	SCALE: 1:12	DRAWING SIZE: C	PART:

4

3

2

1

4

3

2

1

D

D

C

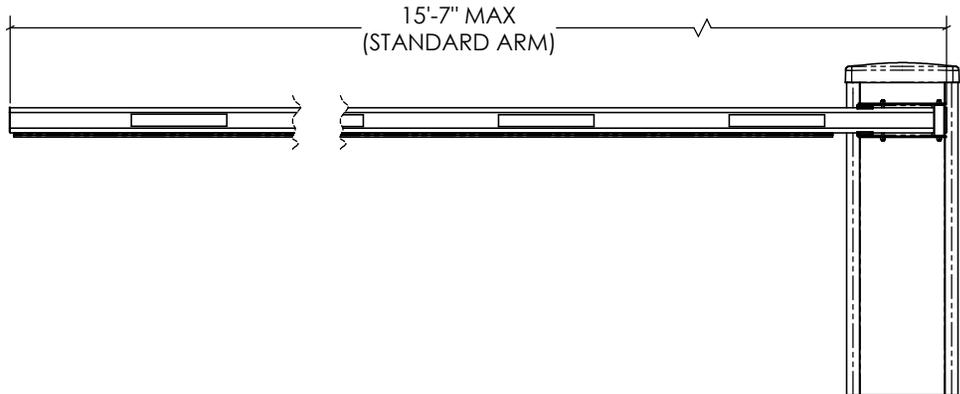
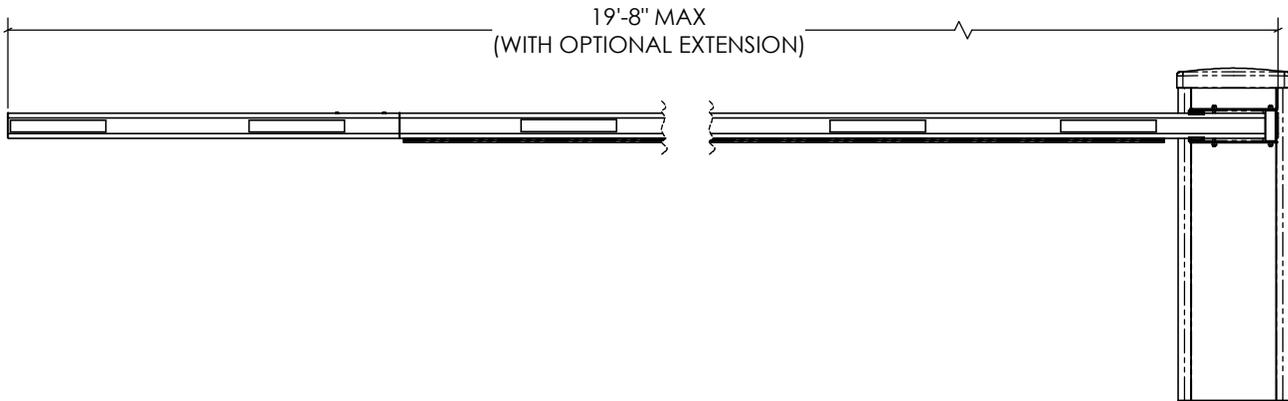
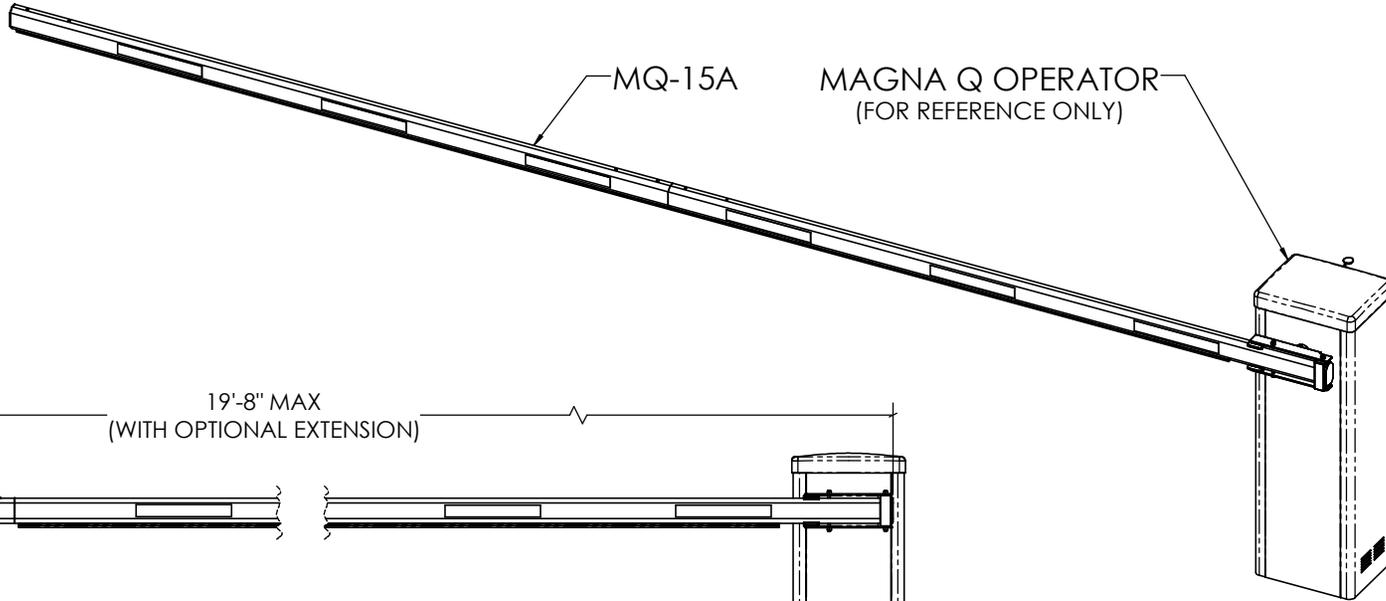
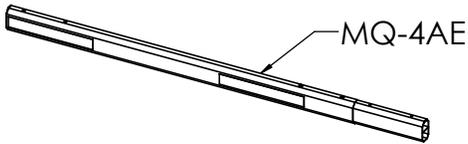
C

B

B

A

A



ALL-O-MATIC, Inc.
 7685 Haskell Ave. Phone: (818) 787-1988
 Van Nuys CA, USA 91406
 EMAIL: fortino@allomatic.net

DIMENSIONS ARE IN INCHES
 BREAK SHARP EDGES .10-.40
 MACHINED SURFACE FINISH IS
 16 MICROMETERS
 DO NOT SCALE DRAWING

THE INFORMATION DISCLOSED HEREIN WAS ORIGINATED BY
 AND IS THE PROPERTY OF ALL-O-MATIC, INC. AND ALL PATENT,
 PROPRIETARY, DESIGN, USE, SALE, MANUFACTURING, AND
 REPRODUCTION RIGHTS THERE TO ARE RESERVED BY
 ALL-O-MATIC, INC.

DRAWN BY:	DATE DRAWN:	CHECKED BY:	DATE CHECKED:
-----------	-------------	-------------	---------------

MATERIAL:
 RAW MAT:

TITLE: **MQ-15A ARM AND OPTIONS**

SHEET 2 OF 5 SCALE: 1:12 DRAWING SIZE: C PART:

4

3

2

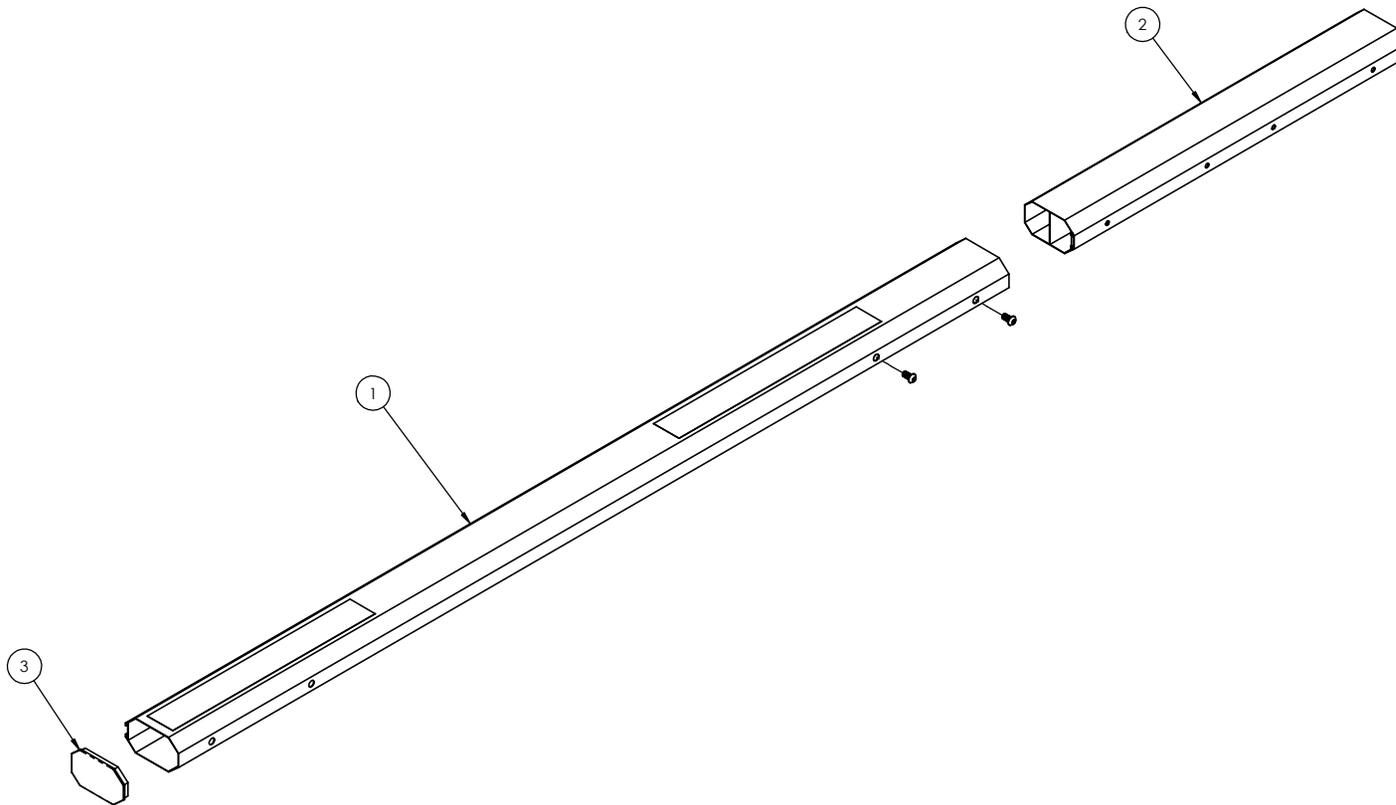
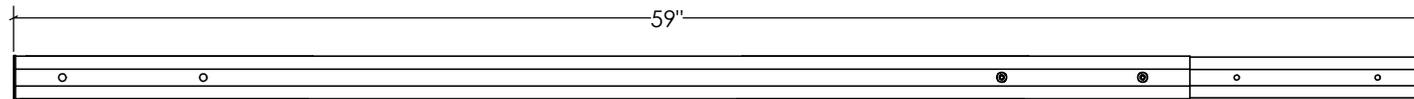
1

4

3

2

1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MQ-4AE	ARM OPTIONAL EXTENSION	1
2	BOOM LINK	BOOM LINK	1
3	Q-15A-EC	ARM END CAP	1

ALL-O-MATIC, Inc.
 7685 Haskell Ave. Phone: (818) 787-1988
 Van Nuys CA, USA 91406
 EMAIL: fortino@allomatic.net

DIMENSIONS ARE IN INCHES			
BREAK SHARP EDGES .10-.40			
MACHINED SURFACE FINISH IS			
16 MICROMETERS			
DO NOT SCALE DRAWING			
DRAWN BY:	DATE DRAWN:	CHECKED BY:	DATE CHECKED:
MATERIAL:			
RAW MAT:			
TITLE: MQ-4AE ARM OPTIONAL EXTENSION			
SHEET 3 OF 5	SCALE: 1:4	DRAWING SIZE: C	PART:

4

3

2

1

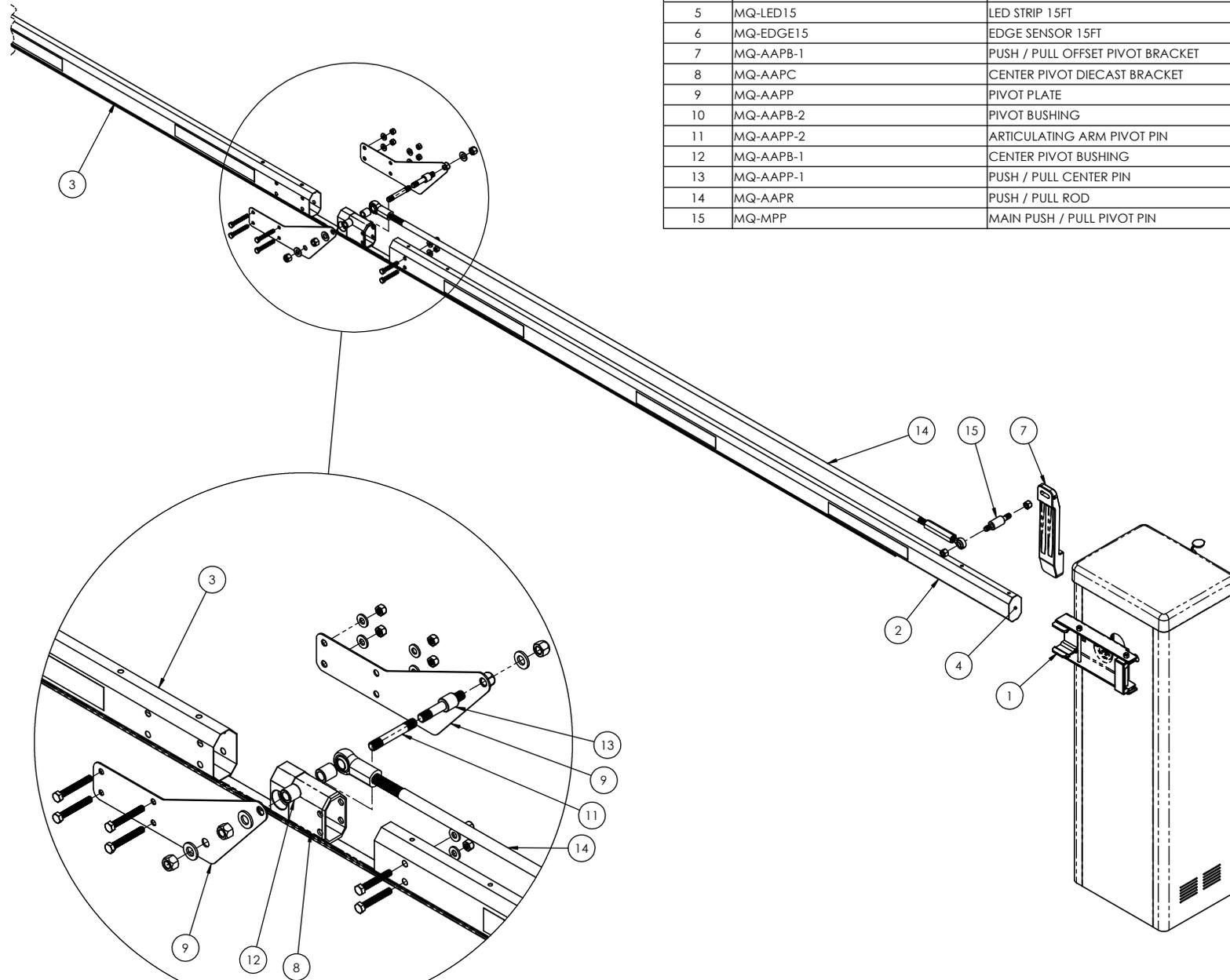
4

3

2

1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MQ-BAB	ARM ATTACHMENT BRACKET	1
2	MQ-15A-1	MAIN ARM SECTION	1
3	MQ-15A-2	SECTION 2 OF THE 15FT ARM INCLUDED WITH OPERATOR	1
4	ARM END CAP	END CAPS OF THE 15FT ARM INCLUDED WITH OPERATOR	2
5	MQ-LED15	LED STRIP 15FT	1
6	MQ-EDGE15	EDGE SENSOR 15FT	1
7	MQ-AAPB-1	PUSH / PULL OFFSET PIVOT BRACKET	1
8	MQ-AAPC	CENTER PIVOT DIECAST BRACKET	1
9	MQ-AAPP	PIVOT PLATE	2
10	MQ-AAPB-2	PIVOT BUSHING	1
11	MQ-AAPP-2	ARTICULATING ARM PIVOT PIN	1
12	MQ-AAPB-1	CENTER PIVOT BUSHING	1
13	MQ-AAPP-1	PUSH / PULL CENTER PIN	1
14	MQ-AAPR	PUSH / PULL ROD	1
15	MQ-MPP	MAIN PUSH / PULL PIVOT PIN	1



DETAIL A
SCALE 1 : 4

ALL-O-MATIC, Inc.
7658 Haskell Ave. Phone: (818) 787-1988
Van Nuys CA, USA 91406
EMAIL: fortino@allomatic.net

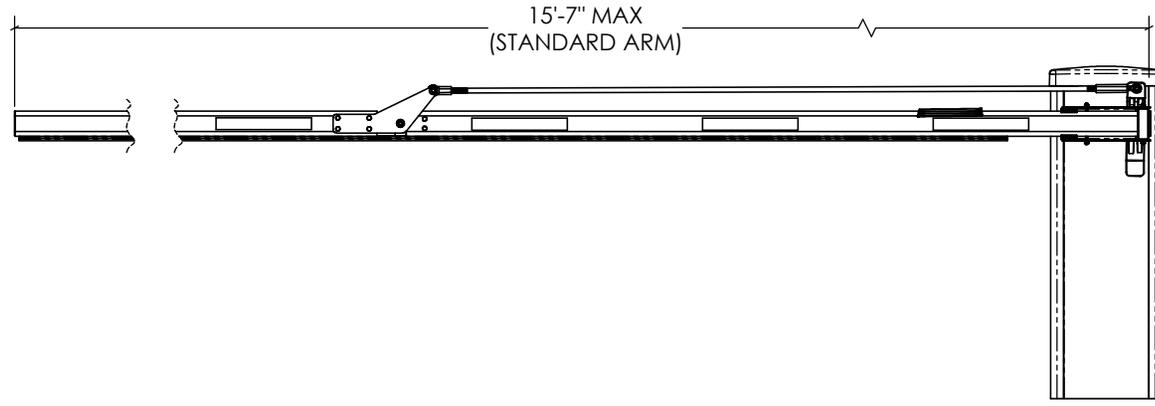
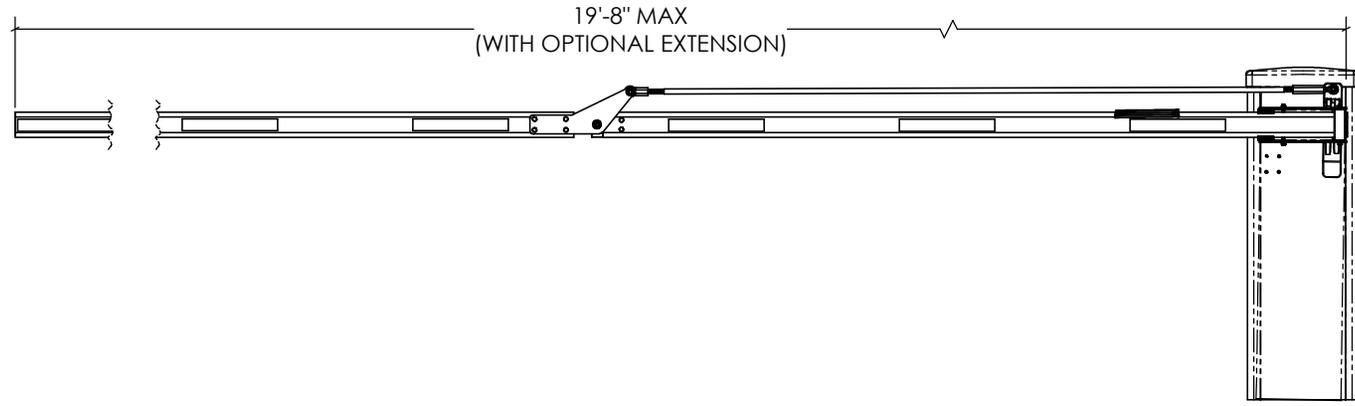
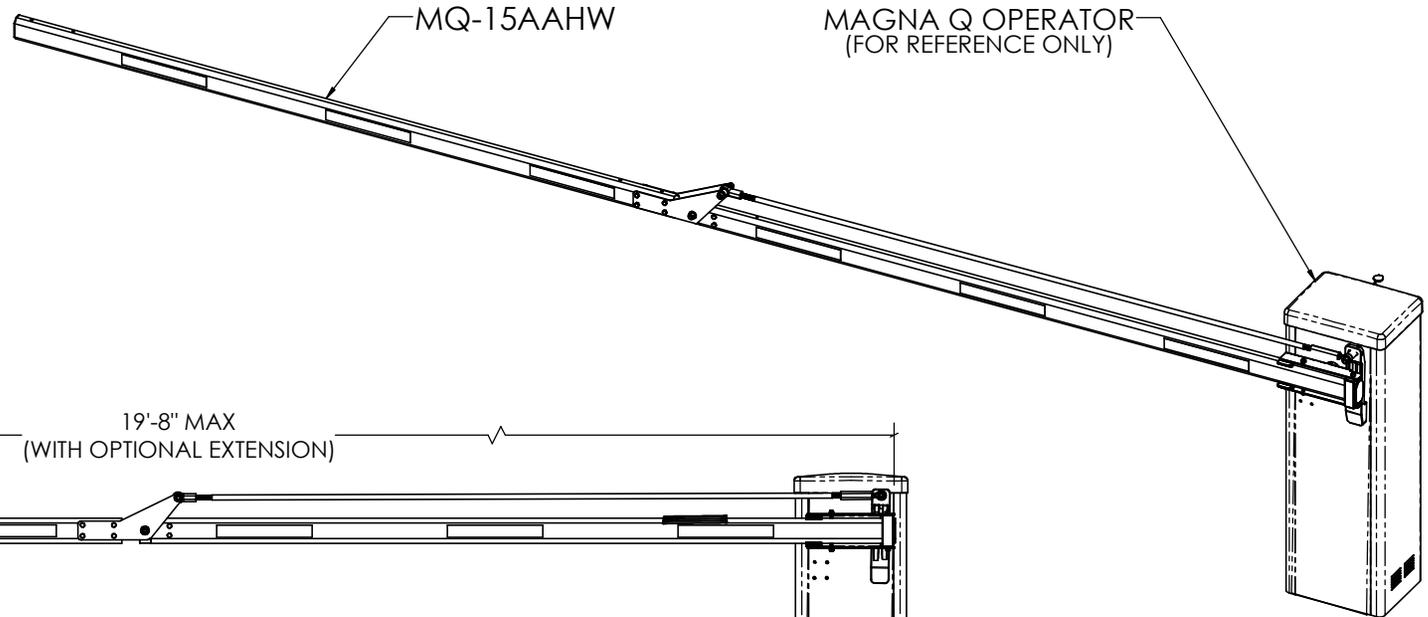
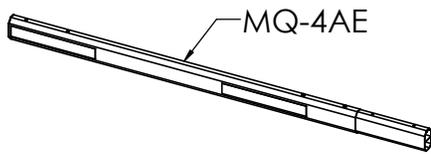
DIMENSIONS ARE IN INCHES			
BREAK SHARP EDGES .10-.40			
MACHINED SURFACE FINISH IS			
16 MICROMETERS			
DO NOT SCALE DRAWING			
DRAWN BY:	DATE DRAWN:	CHECKED BY:	DATE CHECKED:
MATERIAL:			
RAW MAT:			
TITLE: MQ-15A ARM AND OPTIONS			
SHEET 4 OF 5	SCALE: 1:8	DRAWING SIZE: C	PART:

4

3

2

1



ALL-O-MATIC, Inc.
 7865 Haskell Ave. Phone: (818) 787-1988
 Van Nuys CA, USA 91406
 EMAIL: fortino@allomatic.net

DIMENSIONS ARE IN INCHES
 BREAK SHARP EDGES 10-40
 MACHINED SURFACE FINISH IS
 16 MICROMETERS
 DO NOT SCALE DRAWING

THE INFORMATION DISCLOSED HEREIN WAS ORIGINATED BY
 AND IS THE PROPERTY OF ALL-O-MATIC, INC. AND ALL PATENT,
 PROPRIETARY, DESIGN, USE, SALE, MANUFACTURING, AND
 REPRODUCTION RIGHTS THERE TO ARE RESERVED BY
 ALL-O-MATIC, INC.

DRAWN BY:	DATE DRAWN:	CHECKED BY:	DATE CHECKED:
MATERIAL:			
RAW MAT:			
TITLE: MQ-AAHW WITH EXTENSION AND OPERATOR			
SHEET 5 OF 5	SCALE: 1:12	DRAWING SIZE: C	PART: