

## *User Guide*

*Installation*

*Maintenance*

*Operation*

*Troubleshooting*

*Instant Access  
Parts and Service  
(800) 458-1960  
(814) 437-6861*

*[www.conairnet.com](http://www.conairnet.com)*

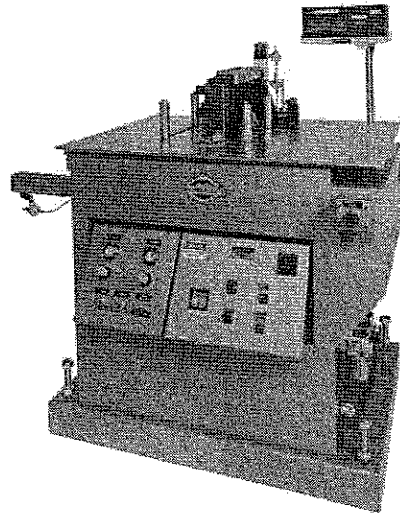


### **WARNING - Reliance on this Manual Could Result in Severe Bodily Injury or Death!**

This manual is out-of-date and is provided only for its technical information, data and capacities. Portions of this manual detailing procedures or precautions in the operation, inspection, maintenance and repair of the product forming the subject matter of this manual may be inadequate, inaccurate, and/or incomplete and cannot be used, followed, or relied upon. Contact Conair at [info@conairgroup.com](mailto:info@conairgroup.com) or 1-800-654-6661 for more current information, warnings, and materials about more recent product manuals containing warnings, information, precautions, and procedures that may be more adequate than those contained in this out-of-date manual.

# Traveling Saw

## MST Series 4/6/8



The Conair Group, Inc.  
One Conair Drive  
Pittsburgh, PA 15202  
Phone: (412) 312-6000  
Fax: (412)-312-6320

UGE050/0700

*Please record your equipment's model and serial number(s) and the date you received it in the spaces provided.*

It's a good idea to record the model and serial number(s) of your equipment and the date you received it in the User Guide. Our service department uses this information, along with the manual number, to provide help for the specific equipment you installed.

Please keep this User Guide and all manuals, engineering prints and parts lists together for documentation of your equipment.

<b>Date:</b>
<b>Manual Number: UEG050/0499</b>
<b>Serial number(s):</b> ..... .....
<b>Model number(s):</b> ..... .....

**DISCLAIMER:** The Conair Group, Inc., shall not be liable for errors contained in this User Guide or for incidental, consequential damages in connection with the furnishing, performance or use of this information. Conair makes no warranty of any kind with regard to this information, including, but not limited to the implied warranties of merchantability and fitness for a particular purpose.

## Warranty

### 1.0 Receiving and Handling

*1.1 Acceptance*

*1.2 Storage*

### 2.0 General description

*Warning*

### 3.0 Installation / Set-up

*3.1 Location*

*3.2 Power Supply*

*3.3 Pneumatic Minimum*

*3.4 Mounting*

### 4.0 Operation / Start-up

*4.1 Dump Table Connection and Operation*

*4.1.1 Operator Adjustments*

*4.1.2 ON Time Cycle*

*4.1.3 Off Time Cycle*

### 5.0 Maintenance

*5.1 Daily (or at each start-up)*

*5.2 Weekly*

*5.3 Quarterly (or every 1500 hrs.)*

*5.4 Lubricator (Air Line)*

*5.5 Recommended Lubricator Oil*

*5.6 Filter (Air Line)*

Appendix A – “*Length Programmer User Guide*”

Appendix B – “*Pneumatic Diagram*”

## ***WARRANTY***

New Apparatus Warranty: Conair / Metaplast Ltd. warrants all new equipment to be free of defects in materials and workmanship and to conform to any drawings and specifications for a period of one (1) year from the date of shipment. Equipment that is defective and found not to be in conformity with this warranty will, at the option and expense of Metaplast Ltd., be repaired or replaced.

This warranty does not cover:

1. Failures not reported within the warranty period.
2. Damage due to misapplication, abuse, improper installations or abnormal temperature, dirt or corrosive matter.
3. Failure due to operation, intentional or otherwise, above rated capacities.
4. Alterations, or tampering, by anyone other than an authorized Metaplast representative.
5. Damage in shipment.
6. Expense incurred by the Buyer in an attempt to rework any alleged defects.

## **1.0 RECEIVING AND HANDLING**

### **1.1 Acceptance**

Thoroughly inspect equipment before accepting shipment from the transport company. Damage and shortages should be noted on your freight bill by the receiving agent. If concealed loss or damage is discovered, notify your freight, or receiving agent, at once and request for an inspection.

Metaplast will assist you in collecting claims for loss or damage in shipment; however, responsibility rests with the transport company and claims can not be deducted nor should payment be withheld on any Metaplast invoice, as the carrier guarantees safe delivery.

### **1.2 Storage**

If the equipment is to be stored for any period of time prior to installation, the area should be dry, and not subject to extremes in temperature, or humidity changes. Be aware that after use prior to storage, the machine should be inspected, and lubrication applied where, and as, needed. This is done in order to prevent bearings to be damaged by contaminated grease.

## **2.0 GENERAL DESCRIPTION**

The Metaplast Ltd. MST Series 4/6/8 are extrusion-travelling cut-off saws designed for the in-line cutting of profiles, pipes, tubing,...etc. The MST Saws are suitable for a wide range of accurate cut-to-length applications.

The MST Saws can be equipped with a dust collector that automatically removes dust and debris that accumulate at the saw cutting area when a product is cut. The dust collector can be activated from the front mounted control station, and will shut off when the EMERGENCY STOP is activated or when the side access door is opened.

Located as part of the downstream line, the MST Saws perform five sequential functions (indicative of the required length):

- 1- The saw table starts to move with the extrusion, and the extrusion is clamped to the table.
- 2- The saw blade travels up and cuts the extrusion.
- 3- The saw blade returns to its bottom resting position.
- 4- The clamp opens.
- 5- The table returns to its starting position.

These functions are performed automatically during the cut cycle upon contact closure.

Note: The starting pulse can be either a limit switch, timer, electronic length counter, manual push-button, or any device that has N.O. (normally open) contact.

**WARNING**

The Saw is capable of automatic operation and all personnel should keep hands clear of the cutting area.

At no time should hands be used to clear or remove anything from the cutting area.

**3.0 INSTALLATION / SET-UP****3.1 Location**

Machine is to be located where ambient temperature does not exceed 40° C., and where clean air has free access to ventilating inlets and outlets. Except for specially equipped units with protective enclosures, the location must be clean and dry.

**3.2 Power Supply**

230/460/575/ volts; 3 phase; 60 Hz.

Note: Before applying power, check the voltage nameplate to ensure compatibility with the power source.

**3.3 Pneumatic Minimum**

60 PSI, at 5 CFM.

**3.4 Mounting**

The machine requires a solid base and should be leveled with mounted jack screws to assure proper operation.

**4.0 OPERATION / START-UP**

- 1- Before applying power, ensure that the SAW BLADE UP and TABLE FORWARD valves are closed (fully clockwise), and that the saw blade is not installed on the cut-off saw.
- 2- Connect the electrical line cord to a source of power compatible with the nameplate on the Saw cut-off saw.
- 3- Connect the air supply to the FRL (filter-regulator-lubricator) on the saw.
- 4- Install and connect the Dust Collector ( if with Dust Collector option)
- 5- Turn the main disconnect switch to the ON position; the POWER ON light will illuminate.
- 6- Press START. or (if equipped with Dust Collector) turn Dust Collector power "ON" first and press saw motor "START"

- 7- Check the motor rotation.  
If the motor rotation is incorrect: Reverse the connections at the AC plug end.
- 8- Once the rotation is correct, disconnect the power, and install the blade on the cut-off saw.
- 9- Check that the FRL is set for 60-65 PSI.

Note: Setting the FRL to a higher level will only release air from the system. The MST 6 is equipped with a relief valve that is preset for approximately 70 PSI. The relief valve is in place to protect the air components from damage due to excessive air pressure.

- 10- Press MANUAL CUT.
- 11- Adjust the PRESSURE REGULATOR: 10-20 PSI for light profiles, and up to 50 PSI for heavy profiles.
- 12- Adjust the TABLE FORWARD speed control to match the approximate line speed.
- 13- Adjust the SAW BLADE UP speed control to the desired blade travel speed.
- 14- Set the blade height limit by adjusting the collar on the lifting rod (located on the table surface).
- 15- Adjust the TABLE RETURN speed control to the suitable travel return speed.
- 16- Adjust the clamp pressure regulator to grasp the profile firmly.

Note: The TABLE RETURN pressure must be set high enough to return the table to the start position and trigger the TABLE START micro-switch.

Note: Both the clamp pads and pressure can be adjusted so that the profile is not crushed.

## **4.1 Dump Table Connection and Operation**

Connect the male plug from the dump table to the cut-off saw in the appropriate receptacle on the saw.

Once the production line is set, adjust the ON and OFF cycle time. The dump table is now ready for continuous operation.

### **4.1.1 Operator Adjustments**

The ON and OFF cycle time are located on the MST saws. These ranges for ON and OFF times can be shortened or extended by two adjustments on the side of the timer.

### **4.1.2 ON Time Cycle**

The ON Time adjustment sets the actual length of time the table stays in the dump position.

### 4.1.3 OFF Time Cycle

The OFF Time adjustment is used to set the adequate amount of delay period required for the finished product to stay on the dump table right after it is cut. When the set delay time is up, the dump table tilts and drops the product into the box.

**Please Note: For safety purposes, set the manual switch to "OFF" when the machine is not in use, and after completion of in-line operations.**

## 5.0 MAINTENANCE

All bearings are sealed and lubricated for life.

Cut-to-length accuracy is dependent on a repeatable cut-cycle time. The Saw must be kept in good working order to assure a consistent product. Check frequently to ensure freedom from obstructions and smooth operation. The use of high quality materials and conservative machine design will result in a long, trouble free, operation providing that basic sound service practice is followed.

Inspection at intervals, dependent upon service conditions, is the best insurance against costly maintenance and breakdown; experience is your best guide. Record inspection results and action required or performed.

### 5.1 Daily (or at each start-up)

- 1- Check that the guide rolls are set to the size of the extrusion to be produced.
- 2- Verify that the SAW BLADE HEIGHT LIMIT is properly set to cut through the extrusion to be produced.
- 3- Verify that the TABLE FORWARD speed is set to the approximate line speed, and that the TABLE RETURN operates smoothly.
- 4- Verify that the SAW BLADE UP speed is properly set to cut the extrusion. The speed should be set so that no chipping occurs, and the cut cycle is finished before the table reaches the end of travel.
- 5- Before starting production, remove all dust and chips from inside the saw housing with a vacuum. Ensure that the power to the cut-off saw has been disconnected before cleaning.
- 6- Test the cut cycle with a sample of the extrusion. If all is satisfactory, the extrusion line may be started.

## 5.2 Weekly

- 1- Disconnect the power to the Saw.
- 2- Blow, or vacuum, dust and chips from all surfaces of the saw. Open pneumatic and electrical enclosures and remove the dust and chips from all components.
- 3- Check the condition of the timing belt that runs from the motor to the saw blade shaft; replace when worn or damaged.
- 4- Clean and oil the table support shafts with a light grade of oil; remove any excess with a clean cloth.
- 5- Check that the FRL (filter-regulator-lubricator) for the air input is filled with oil and that the oiler is working. Pressure should be set for around 60 PSI.

This unit also has an automatic drain for any moisture that may develop. The bowl should be kept clean to ensure it will proper operation.

## 5.3 Quarterly (or every 1500 hrs.)

- 1- Disconnect the power to the Saw.
- 2- Blow, or vacuum, all dust and chips from inside the saw. Remove all dust and chips from inside all control cabinets. Remove any excess oil from the pneumatic enclosure.
- 3- Verify that all electrical terminals are tight.
- 4- Verify that all fuses are tight in their fuse holders.
- 5- Check that all air lines are in order (free of cuts or abrasions).
- 6- Check that the adjustable muffler on the SAW BLADE UP cylinder is set for a smooth downward return.
- 7- Check that the adjustable mufflers on the clamp cylinder are set so that the clamp operates quickly - a slow cycle on the clamp-down will cause inaccurate cuts in length.
- 8- Check the condition of the clamp pads. If worn or damaged, replace with a new set of pads.
- 9- Check the condition of the blade. If the blade is dull, have the unit sharpened; if it is damaged, have the blade replaced.
- 10- Check the operation of the brake motor. The blade should stop quickly when the EMERGENCY STOP is pressed, or when the access door is opened.

#### **5.4 Lubricator (Air Line)**

Lubrication is automatic and operates only when air is flowing. A transparent bowl provides a visible oil supply. The feed adjuster (visible through the sight glass) allows for accurate control of oil flow to meet the exact requirements.

Note: Make sure to cut off the air supply before refilling.

#### **5.5 Recommended Lubricator Oil**

Any high quality oil in the 80/350 second (Redwood No. 1) at a 70°F. range is suitable.

#### **5.6 Filter (Air Line)**

The filtering action is displayed through the transparent bowl. Moisture and sediment are automatically drained out of the bowl (auto-drain FRL).

To activate the draining process, simply interrupt the air supply by unplugging it from the FRL, and then plugging it back in.

Note: Close off the air supply completely before beginning filtering action.

**APPENDIX A**

**LENGTH PROGRAMMER  
USER GUIDE**

## *User Guide*

# M 600

## Electronic Length Programmer

*Installation*

*Maintenance*

*Operation*

*Troubleshooting*

*Instant Access  
Parts and Service  
(800) 458-1960  
(814) 437-6861*

*[www.conairnet.com](http://www.conairnet.com)*



The Conair Group, Inc.  
One Conair Drive  
Pittsburgh, PA 15202  
Phone: (412) 312-6000  
Fax: (412)-312-6320

Please record your  
equipment's model  
and serial number(s)  
and the date you  
received it in the  
spaces provided

It's a good idea to record the model and serial number(s) of your equipment and the date you received it in the User Guide. Our service department uses this information, along with the manual number, to provide help for the specific equipment you installed.

Please keep this User Guide and all manuals, engineering prints and parts lists together for documentation of your equipment.

<b>Date:</b>
<b>Manual number:</b>
<b>Serial number(s):</b> ..... .....
<b>Model number(s):</b> ..... .....

**DISCLAIMER:** The Conair Group, Inc., shall not be liable for errors contained in this User Guide or for incidental, consequential damages in connection with the furnishing, performance or use of this information. Conair makes no warranty of any kind with regard to this information, including, but not limited to the implied warranties of merchantability and fitness for a particular purpose.

## TABLE OF CONTENTS

<b>1.0</b>	<b>RECEIVING AND HANDLING</b> .....	<b>1</b>
1.1	ACCEPTANCE .....	1
1.2	STORAGE .....	1
<b>2.0</b>	<b>GENERAL DESCRIPTION</b> .....	<b>1</b>
2.1	STANDARD FEATURES .....	1
<b>3.0</b>	<b>INSTALLATION / SET-UP</b> .....	<b>2</b>
3.1	LOCATION .....	2
3.2	ELECTRICAL SUPPLY .....	2
<b>4.0</b>	<b>OPERATION / START-UP</b> .....	<b>2</b>
<b>5.0</b>	<b>MAINTENANCE</b> .....	<b>3</b>
<b>6.0</b>	<b>ELECTRICAL SCHEMATIC</b> .....	

## **1.0 RECEIVING AND HANDLING**

### **1.1 Acceptance**

Thoroughly inspect equipment before accepting shipment from the transport company. Damage and shortages should be noted on your freight bill by the receiving agent. If concealed loss or damage is discovered, notify your freight, or receiving agent, at once and request for an inspection.

Metaplast will assist you in collecting claims for loss or damage in shipment; however, responsibility rests with the transport company and claims can not be deducted nor should payment be withheld on any Metaplast invoice, as the carrier guarantees safe delivery.

### **1.2 Storage**

If the equipment is to be stored for any period of time prior to installation, the area should be dry, and not subject to extremes in temperature, or humidity changes. Be aware that prior to use after storage, the machine should be inspected, and lubrication applied where, and as, needed.

## **2.0 GENERAL DESCRIPTION**

The Metaplast electronic length programmer is an electronic signaling device. It takes a signal from an encoder mounted on the haul-off to measure increments of inches, feet or meters. A batch or piece counter can be installed as an option for product count.

### **2.1 Standard Features**

- Push button "ON" / "OFF" switch.
- Digital read-out of set length count in inches.
- Resettable cut totalizer for number of cuts performed.
- Programmer and totalizer "save" count in the event of power failures.
- Resets on both totalizer and programmer.
- 120 volt electrical requirements.
- Calibrated in increments of .1 inch to a maximum of 999.99 inches (83.32 feet).
- Length setting can be changed without interrupting current cycle.
- Programmer cabinet mounted on rubber mounts.

## (Standard Features cont'd)

- Standard 600 pulse per revolution encoder.
- Counter is set for doubling of the encoder pulses.
- Encoder wheel is made of wear resistant cast aluminum, thus avoiding inaccuracies found in rubber or urethane rimmed encoder wheels due to wearing.
- Supplied complete with mounting kit.

### 3.0 INSTALLATION / SET-UP

#### 3.1 Location

Machine is to be located where ambient temperature does not exceed 40°C., and where clean air has free access to ventilating inlets and outlets. Except for specially equipped units with protective enclosures, the location must be clean and dry.

#### 3.2 Electrical Supply

120 volts; single phase; 60 Hz.

*Note: All internal wiring has been performed at the Metaplast Ltd. factory. All that is necessary is to connect a male electrical plug to the provided wire cable and plug it into the mating female receptacle mounted on the saw.*

*Check voltage nameplates to ensure compability with the power source.*

### 4.0 OPERATION / START-UP

- 1- Connect the programmer AC plug to the receptacle located on the cut-off saw.
- 2- Connect the Amphenol 6-pin plug (connected to the programmer) to the matching plug located on the encoder on the haul-off.
- 3- Connect the Amphenol 4-pin plug (connected to the programmer) to the matching plug located on the cut-off saw.
- 4- Press the "POWER ON" push-button to power up the programmer. The digital display will flash for approximately 5 seconds.
- 5- Press "RESET".
- 6- Press **Préset 1**, and enter the desired length in decimal inches [i.e., 24.50 for

24 1/2 inches].

7- Press **ENTER** to have the length recorded.

8- Press **COUNTER**.

Read-out counts down backwards from the preset length [i.e., 24.50] to "0" and put into effect the cut operation on the cut-off saw.

9- Press **Preset 2**, and enter count amount at which dump table is given the signal to tilt and drop the product into the box.

10- Press **ENTER** to register the count value.

11- Press **COUNTER** and the programmer is ready for operation.

*Note: The M-600 programmer is equipped with a "MANUAL CUT" push-button that can be used to cut samples during production. When "MANUAL CUT" is pressed, the saw will cut and then the programmer will reset and begin to count the desired length again.*

## 5.0 MAINTENANCE

The machine must be kept in good working order to assure consistent production. The use of high quality materials and conservative machine design will result in a long, trouble-free, operation providing that basic sound service practice is followed.

Inspection at intervals dependent upon service conditions is the best insurance against costly maintenance and breakdown; experience is your best guide. Keep record of inspection results and action required or performed.

**PROGRAM FOR MODEL 600 LENGTH CONTROL**  
**FOR USE WITH 600 PPR ENCODER**

	<b>PRESS</b>		<b>PRESS</b>		<b>PRESS</b>
STEP 1	FUNCTION	43	ENTER	1	ENTER
STEP 2	FUNCTION	30	ENTER	.06	ENTER
STEP 3	FUNCTION	60	ENTER	3	ENTER
STEP 4	FUNCTION	62	ENTER	2	ENTER
STEP 5	FUNCTION	80	ENTER	1	ENTER
STEP 6	FUNCTION	81	ENTER	1	ENTER

TO RE-ENTER PROGRAM, THE "INHIBIT" PUSH-BUTTON AT THE REAR OF THE LENGTH CONTROL MUST BE HELD WHILE THE PROGRAM IS ENTERED.

- FUNCTION 5 SCALING FACTOR SET TO .7500 ( on PC-8 )
- FUNCTION 5 SCALING FACTOR SET TO 1.000 ( on PB series )

TO SET THE PRESET VALUE, PRESS 1 FOLLOWED BY YOUR LENGTH IN INCHES ( ie., 24.00 ) THEN PRESS ENTER.



**APPENDIX B**  
**PNEUMATIC DIAGRAM**

P-459-400-4004 Pneumatic for all MST model					Quantity		
	Conair No.	Description	Part No.	Manufacturer	MST-4	MST-6	MST-8
1	315-167-3010	Manifold 2 Station	SS5Y7-42-02-02T	SMC	1	1	1
2	315-167-2130	Valve	SY7140-3MOZD	SMC	2	2	2
3	315-168-1014	600 mm Lead	SY100-30-3A-6	SMC	2	2	2
4	315-167-2034	Air relief valve	RV01A1N100	SMC	1	1	1
5	315-167-2046	Regulator	NAR2000-N02	SMC	2	2	2
6	315-163-2017	Gauge 0-100 PSI	KV504-823	SMC	2	2	2
7	315-044-1010	Clamp ring	19089	SMC	2	2	2
8	315-167-2049	Flow contole	60118-N	Pneumax	3	3	3
9	315-167-2129	Flow contole	NAS2001F-07	SMC	1	1	1
10	315-130-3061	Bulkhead union	KQE11-007	SMC	1	1	1
11	315-130-3071	Bulkhead connector	KQE07-35S	SMC	1	1	1
12	315-170-3050	Bulkhead union	KQE07-00S	SMC	6	6	6
13	315-170-1001	Filter Regulator lubricator	NAC3000N02DG-3X	SMC	1	1	1
14	315-163-2016	Gauge 0-160 PSI	K10	SMC	1	1	1
15	315-165-1001	Muffler	P28	Parker	1	1	1
16	315-165-1011	Quick exhaust with muffler	NASV310F-N02-07S-X201	SMC	4	4	4
17	315-161-2019	Blade cylinder	01.50"CBCTE2MAU18AC-10	Parker		1	
	315-161-2026	Blade cylinder	01.50"CBCTE2MAU18AC-6	Parker	1		
	315-161-2027	Blade cylinder	02.00"CBC2MAU18AC-12	Parker			1
18	315-161-2051	Table cylinder	NCGCN32-2000	Parker			1
	292-561-01	Table cylinder	C5CFMRCAUC18.000PARKER	Parker	1	1	
19	315-161-2022	Clamp cylinder	01.5"BC2MAU18A-2	Parker	1	1	
	315-161-2029	Clamp cylinder	02.50"BCF2MAU18A-3	Parker			1
20	453-000-3003	Manifold	453-000-3003	Metaplast			1
21	315-006-1021	Enclosure 12 x 12 x 9	1500CS121209	Eurobec	1	1	1

**ASSEMBLY PRINTS**

**&**

**PARTS LIST**

**MST 4**

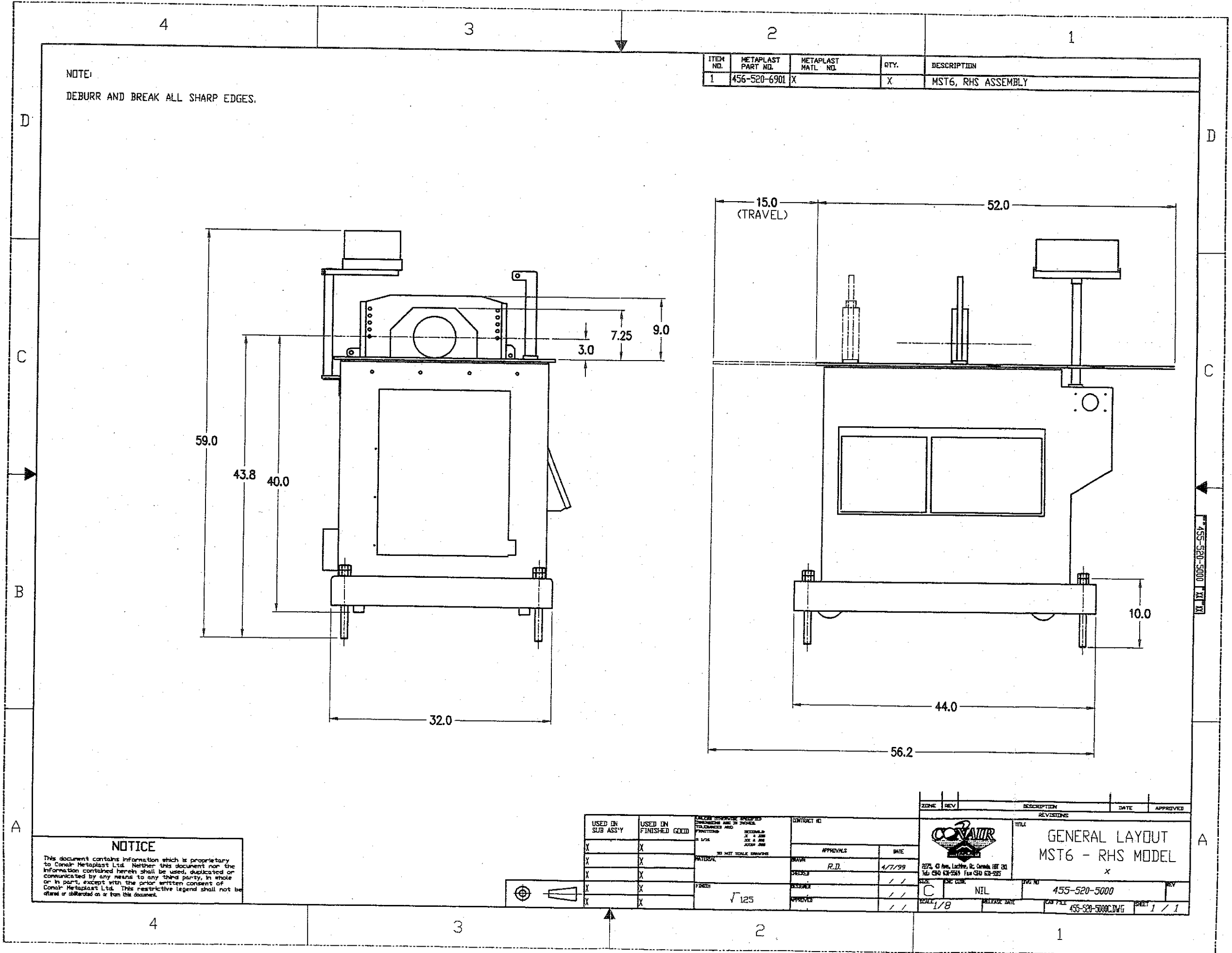
---

**ASSEMBLY PRINTS**

**&**

**PARTS LIST**

**MST 6**



**NOTICE**  
 This document contains information which is proprietary to Conair Metaplast Ltd. Neither this document nor the information contained herein shall be used, duplicated or communicated by any means to any third party, in whole or in part, except with the prior written consent of Conair Metaplast Ltd. This restrictive legend shall not be altered or obliterated on or from this document.

USED ON SUB ASS'Y	USED IN FINISHED GOOD	OTHER USES/NOTES
X	X	
X	X	
X	X	
X	X	
X	X	

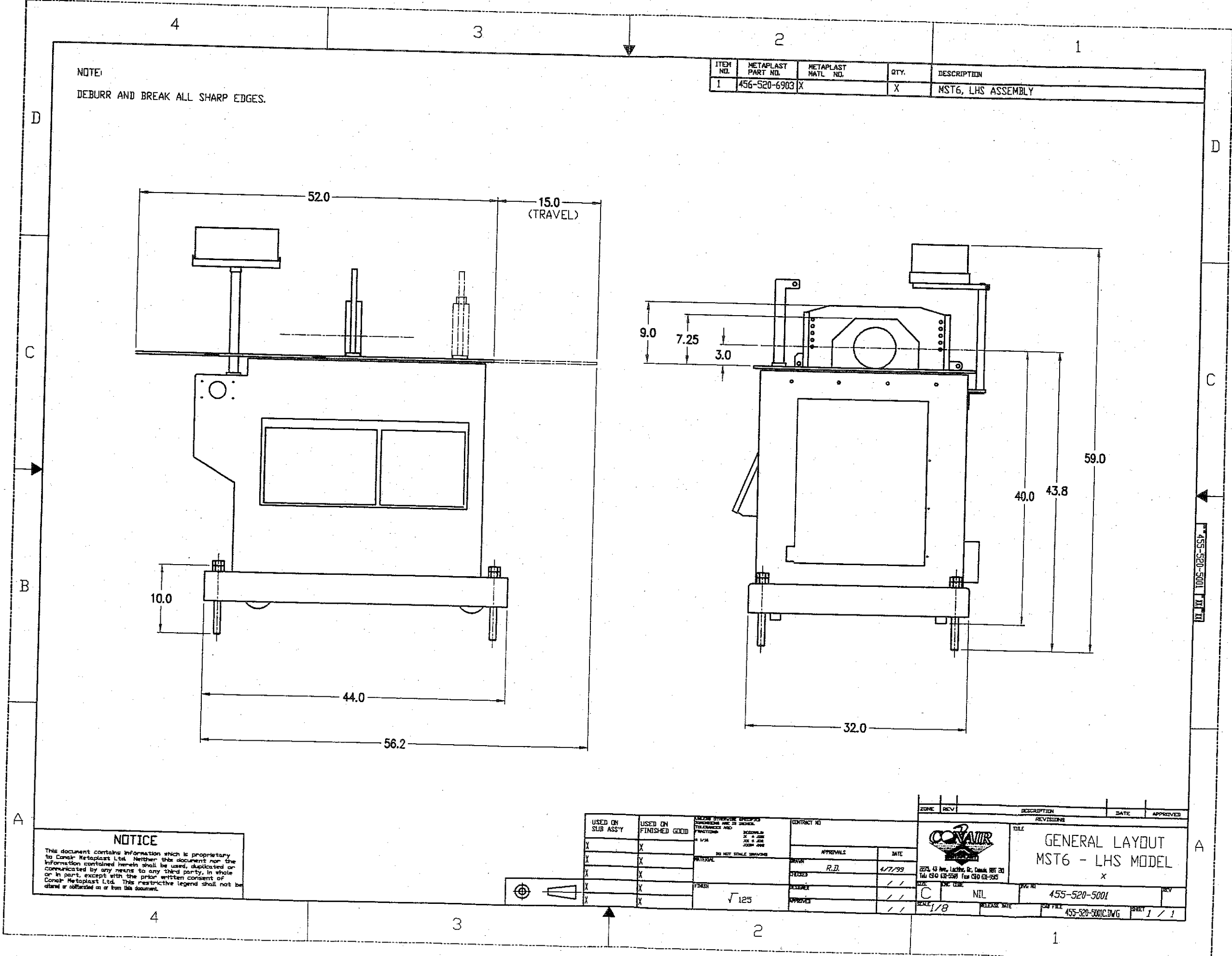
APPROVALS	DATE
SAWN	
DRAWN	4/7/99
CHECKED	
DESIGNED	
APPROVED	

ZONE	REV	DESCRIPTION	DATE	APPROVED

**CONAIR**  
 25A, 40 Ave. Lachine, Q.C. Canada H5T 2G1  
 Tel: (514) 632-5553 Fax: (514) 632-5555

**GENERAL LAYOUT**  
**MST6 - RHS MODEL**  
 X

SCALE: 1/8  
 SHEET: 1 / 1



NOTE:  
DEBURR AND BREAK ALL SHARP EDGES.

ITEM NO.	METAPLAST PART NO.	METAPLAST MATL. NO.	QTY.	DESCRIPTION
1	456-520-6903	X	X	MST6, LHS ASSEMBLY

**NOTICE**  
 This document contains information which is proprietary to Conair Metaplast Ltd. Neither this document nor the information contained herein shall be used, duplicated or communicated by any means to any third party, in whole or in part, except with the prior written consent of Conair Metaplast Ltd. This restrictive legend shall not be altered or omitted on or from this document.

USED ON SUB ASSY	USED ON FINISHED GOOD
X	X
X	X
X	X
X	X
X	X
X	X

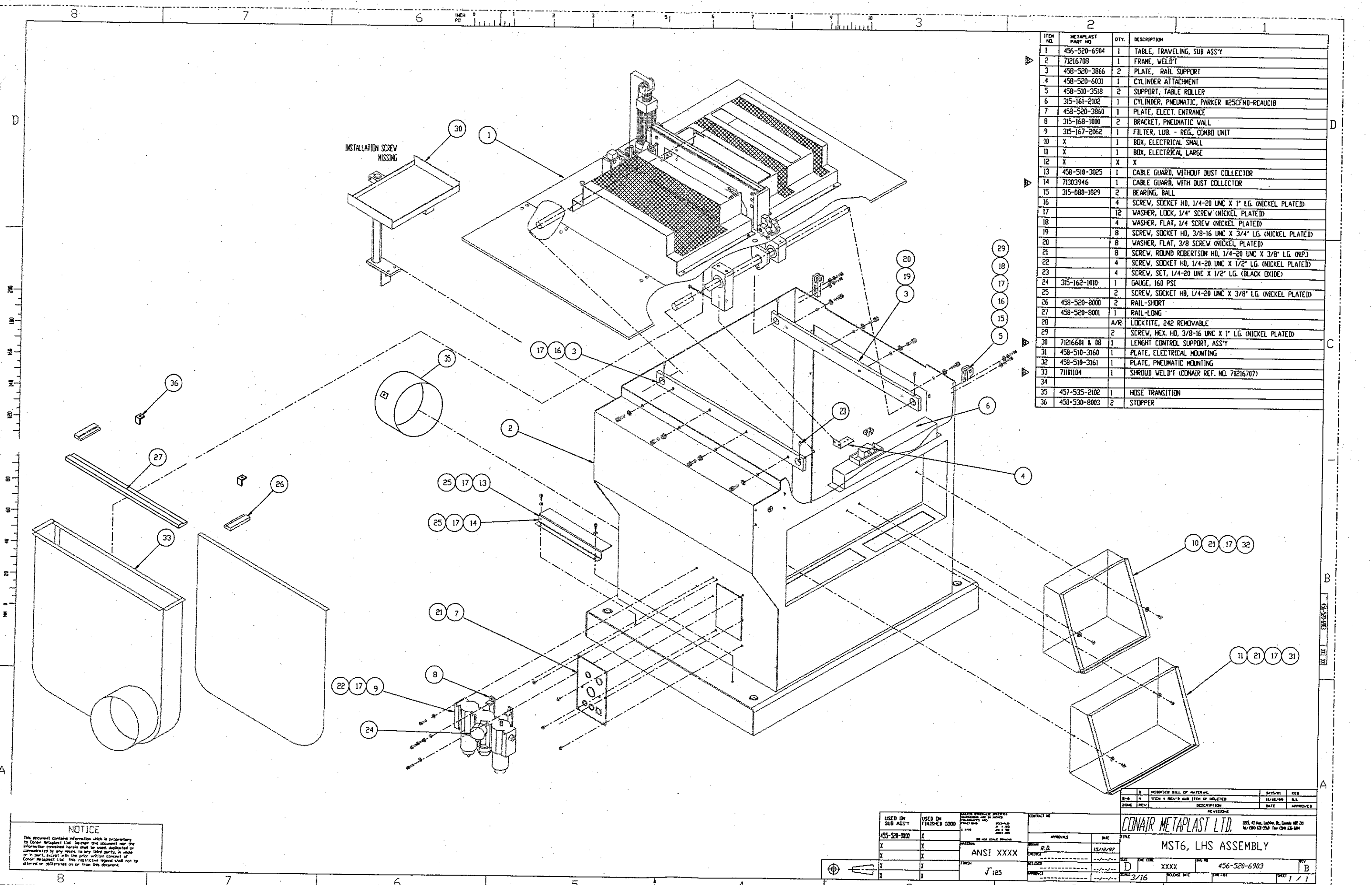
CONTRACT NO.	APPROVALS	DATE
	R.D.	4/7/99

ZONE	REV	DESCRIPTION	DATE	APPROVED

		<b>GENERAL LAYOUT</b> <b>MST6 - LHS MODEL</b> X	
2275, 43 Ave., Lachine, Qc, Canada H8T 2B1 Tel: (514) 632-5500 Fax: (514) 632-5505	SIZE: C ENG. CODE: NIL SCALE: 1/8	PART NO: 455-520-5001 DWG FILE: 455-520-5001C.DWG	SHEET: 1 / 1



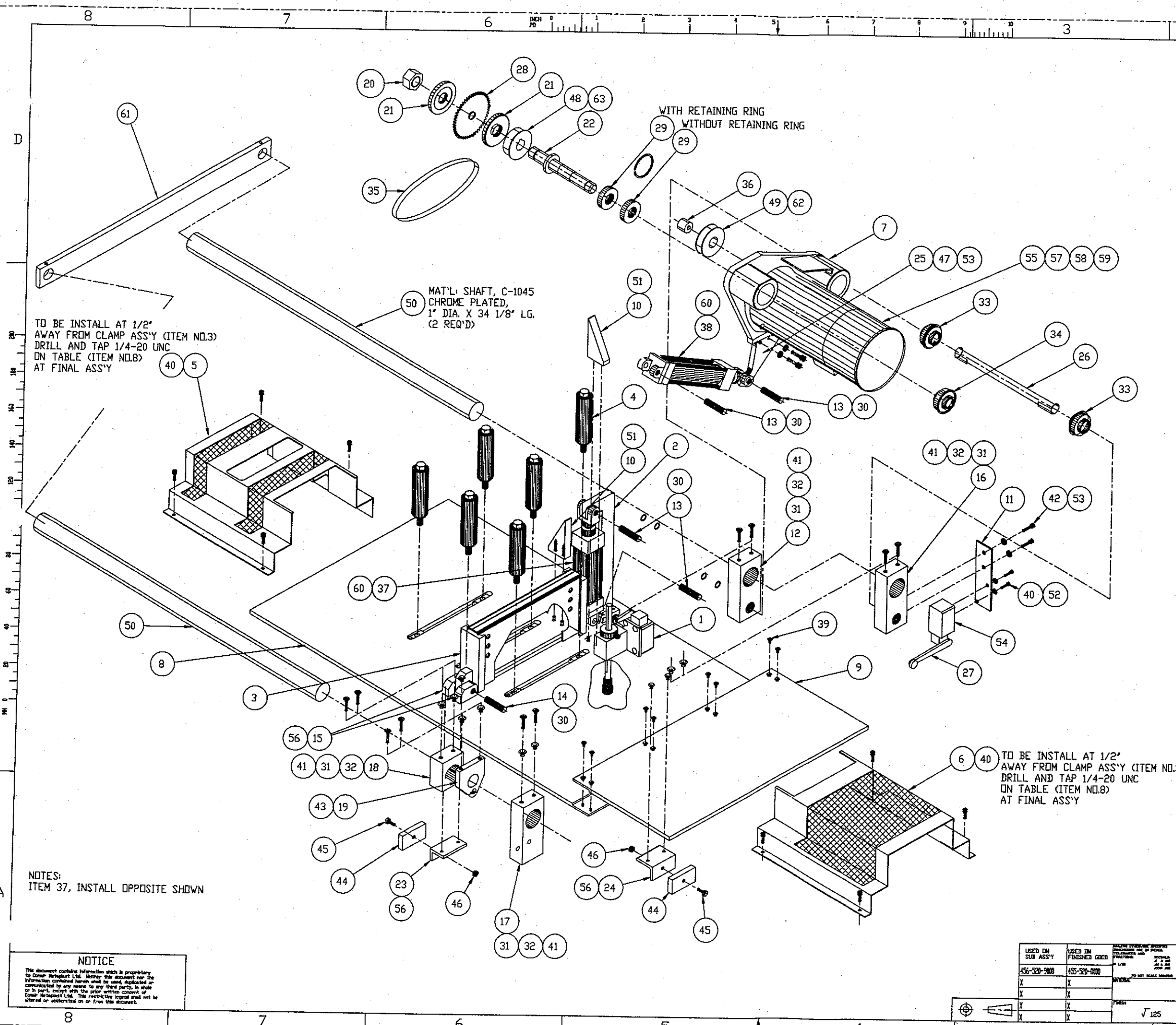


ITEM NO.	METAPLAST PART NO.	QTY.	DESCRIPTION
1	456-520-6904	1	TABLE, TRAVELING, SUB ASSY
2	71216708	1	FRAME, WELD'T
3	458-520-3866	2	PLATE, RAIL SUPPORT
4	458-520-6031	1	CYLINDER ATTACHMENT
5	458-510-3518	2	SUPPORT, TABLE ROLLER
6	315-161-2102	1	CYLINDER, PNEUMATIC, PARKER #25CFMD-RCAUC18
7	458-520-3860	1	PLATE, ELECT. ENTRANCE
8	315-168-1000	2	BRACKET, PNEUMATIC WALL
9	315-167-2062	1	FILTER, LUB. - REG. COMBO UNIT
10	X	1	BOX, ELECTRICAL SMALL
11	X	1	BOX, ELECTRICAL LARGE
12	X	X	X
13	458-510-3025	1	CABLE GUARD, WITHOUT DUST COLLECTOR
14	71303946	1	CABLE GUARD, WITH DUST COLLECTOR
15	315-080-1029	2	BEARING, BALL
16		4	SCREW, SOCKET HD, 1/4-20 UNC X 1" LG. (NICKEL PLATED)
17		12	WASHER, LOCK, 1/4" SCREW (NICKEL PLATED)
18		4	WASHER, FLAT, 1/4" SCREW (NICKEL PLATED)
19		8	SCREW, SOCKET HD, 3/8-16 UNC X 3/4" LG. (NICKEL PLATED)
20		8	WASHER, FLAT, 3/8" SCREW (NICKEL PLATED)
21		8	SCREW, ROUND ROBERTSON HD, 1/4-20 UNC X 3/8" LG. (NP.)
22		4	SCREW, SOCKET HD, 1/4-20 UNC X 1/2" LG. (NICKEL PLATED)
23		4	SCREW, SET, 1/4-20 UNC X 1/2" LG. (BLACK OXIDE)
24	315-162-1010	1	GAUGE, 160 PSI
25		2	SCREW, SOCKET HD, 1/4-20 UNC X 3/8" LG. (NICKEL PLATED)
26	458-520-8000	2	RAIL-SHORT
27	458-520-8001	1	RAIL-LONG
28		A/R	LOCKTITE, 242 REMOVABLE
29		2	SCREW, HEX. HD, 3/8-16 UNC X 1" LG. (NICKEL PLATED)
30	71216601 & 08	1	LENGHT CONTROL SUPPORT, ASSY
31	458-510-3160	1	PLATE, ELECTRICAL MOUNTING
32	458-510-3161	1	PLATE, PNEUMATIC MOUNTING
33	71101104	1	SHROUD WELD'T (CONAIR REF. NO. 71216707)
34			
35	457-535-2102	1	HOSE TRANSITION
36	458-530-8003	2	STOPPER

**NOTICE**  
 This document contains information which is proprietary to Conair Metaplast Ltd. Neither this document nor the information contained herein shall be used, replicated or communicated by any means to any third party, in whole or in part, except with the prior written consent of Conair Metaplast Ltd. This restrictive legend shall not be altered or obliterated on or from this document.

USED ON SUB ASSY	USED ON FINISHED GOOD	CONTRACT NO.	DATE
456-520-0000	X		15/12/97
X	X	ANSI XXXX	
X	X		
X	X		
X	X		

CONAIR METAPLAST LTD. 225, 4 Ave. Larkin, St. Louis MO 63103  
 TEL: (314) 631-7500 FAX: (314) 631-0944  
**MST6, LHS ASSEMBLY**  
 PART NO. 456-520-6903  
 SCALE 3/16  
 SHEET 1 / 1



ITEM NO.	METAPLAST PART NO.	QTY.	DESCRIPTION
1	456-510-1810	1	SUPPORT, MSV
2	7110101	1	ARM, CLAMP CYLINDER SUPPORT
3	456-520-1900	1	CLAMP, ASSEMBLY
4	456-510-1200	6	ROLL, LATERAL
5	71216716	1	GUARD, TABLE SAFETY, REAR
6	71216718	1	GUARD, TABLE FRONT
7	457-520-6820	1	BRACKET, MOTOR MOUNTING
8	458-520-7070	1	TABLE, TRAVELING
9	458-520-3871	1	TABLE TRAVELING EXTENSION
10	458-520-3501	2	GUIDE CLAMP
11	71303842	1	BRACKET, LIMIT SWITCH
12	458-510-3839	1	GUIDE, MOTION LONG MOTOR SIDE
13	458-510-3840	4	PIN, CYLINDER 2 3/8"
14	458-510-3841	1	PIN, CYLINDER 2 5/8"
15	458-510-3844	2	BLOCK, CLAMP PIVOT
16	458-510-3845	1	GUIDE, MOTION MEDIUM
17	458-510-7846	1	GUIDE, MOTION
18	458-510-3847	1	GUIDE, MOTION SHORT
19	458-510-3848	1	BRACKET, UPPER CYLINDER
20	X	1	NUT, NICKEL PLATED, 7/8-14 UNF
21	458-520-6850	2	WASHER, SAW BLADE
22	458-520-6851	1	SHAFT, SAW BLADE
23	458-510-3872	1	STOP, TABLE END
24	458-510-3853	1	STOP, TABLE RETURN
25	458-510-3855	1	BRACKET, LOWER CYLINDER
26	458-510-3856	1	SHAFT, MOTOR BRACKET SWING
27	315-019-2000	1	ARM, LIMIT SWITCH ADJUSTABLE
28	315-040-2006	1	BLADE, SAW, 18" X 120T X 1" DIA X .120
29	315-080-7010	2	BEARING, BALL #3205B-2RSRRTNH C3
30		10	RING, RETAINING, FOR 1/2" DIA PIN
31	315-080-4003	4	RESILIENT MOUNT
32	315-080-4013	4	BEARING, LINEAR
33	315-080-5002	2	BEARING, BALL, WITH HOUSING
34	315-080-5003	1	BEARING, BALL, WITH HOUSING
35	315-089-3044	1	BELT, TIMING, #640 8M 20
36	X	1	X
37	315-161-2022	1	CYLINDER, PNEU, 1 1/2" BORE X 2" STROKE
38	315-161-2019	1	CYLINDER, PNEU, 1 1/2" BORE X 10" STROKE
39		8	SCREW, FLAT SOCKET HD 82" X 1/2" LG. (BLACK OXIDE)
40		10	SCREW, SOCKET HD, 1/4-20 UNC X 1/2" LG. (NICKEL PLATED)
41		16	SCREW, FLAT HD 82", 5/16-18 UNC X 1" LG. (BLACK OXIDE)
42		2	SCREW, SOCKET HD, 5/16-18 UNC X 3/4" LG. (NICKEL PLATED)
43		2	SCREW, FLAT HD 82", 5/16-18 UNC X 1 1/4" LG. (BLACK OX.)
44		2	BUMPER, RUBBER
45		2	SCREW, HEX HD, 1/4-20 UNC X 5/8" LG. (NICKEL PLATED)
46		2	NUT, HEX, 1/4-20 UNC (NICKEL PLATED)
47		3	SCREW, HEX HD, 5/16 UNC X 1 1/4" LG. (NICKEL PLATED)
48	315-089-3050	1	PULLEY, SHAFT, TIMING BELT, #P38-8M-20-1210TL
49	315-089-3045	1	PULLEY, MOTOR, TIMING BELT, #P36-8M-20-1610TL
50	315-080-4015	2	ROD, TABLE SUPPORT
51		4	SCREW, SOCKET HD, 1/4-20 UNC X 1" LG. (NICKEL PLATED)
52		2	WASHER, LOCK, 1/4 SCREW (NICKEL PLATED)
53		5	WASHER, LOCK, 5/16 SCREW (NICKEL PLATED)
54	315-019-2005	1	LIMIT SWITCH
55	315-012-2004	1	AC BRAKE MOTOR 3 HP, 182 TC FRAME, 1750 RPM (BALDOR)
56		8	SCREW, FLAT HD 82", 1/4-20 UNC X 3/4" LG. (BLACK OX.)
57		4	SCREW, HEX HD, 3/8-16 UNC X 1 1/4" LG. (NICKEL PLATED)
58		4	WASHER, LOCK, 3/8 SCREW (NICKEL PLATED)
59		4	WASHER, FLAT, 3/8 SCREW (NICKEL PLATED)
60	315-161-2018	2	CLEVIS, FEMALE
61	458-520-3866	2	PLATE RAIL SUPPORT
62	315-089-3048	1	TAPER LOCK BUSHING #TL1210 W/ 1 1/4" DIA BORE
63	315-089-3046	1	TAPER LOCK BUSHING #TL1610 W/ 1 1/8" DIA BORE

TO BE INSTALL AT 1/2" AWAY FROM CLAMP ASS'Y (ITEM NO.3) DRILL AND TAP 1/4-20 UNC ON TABLE (ITEM NO.8) AT FINAL ASS'Y

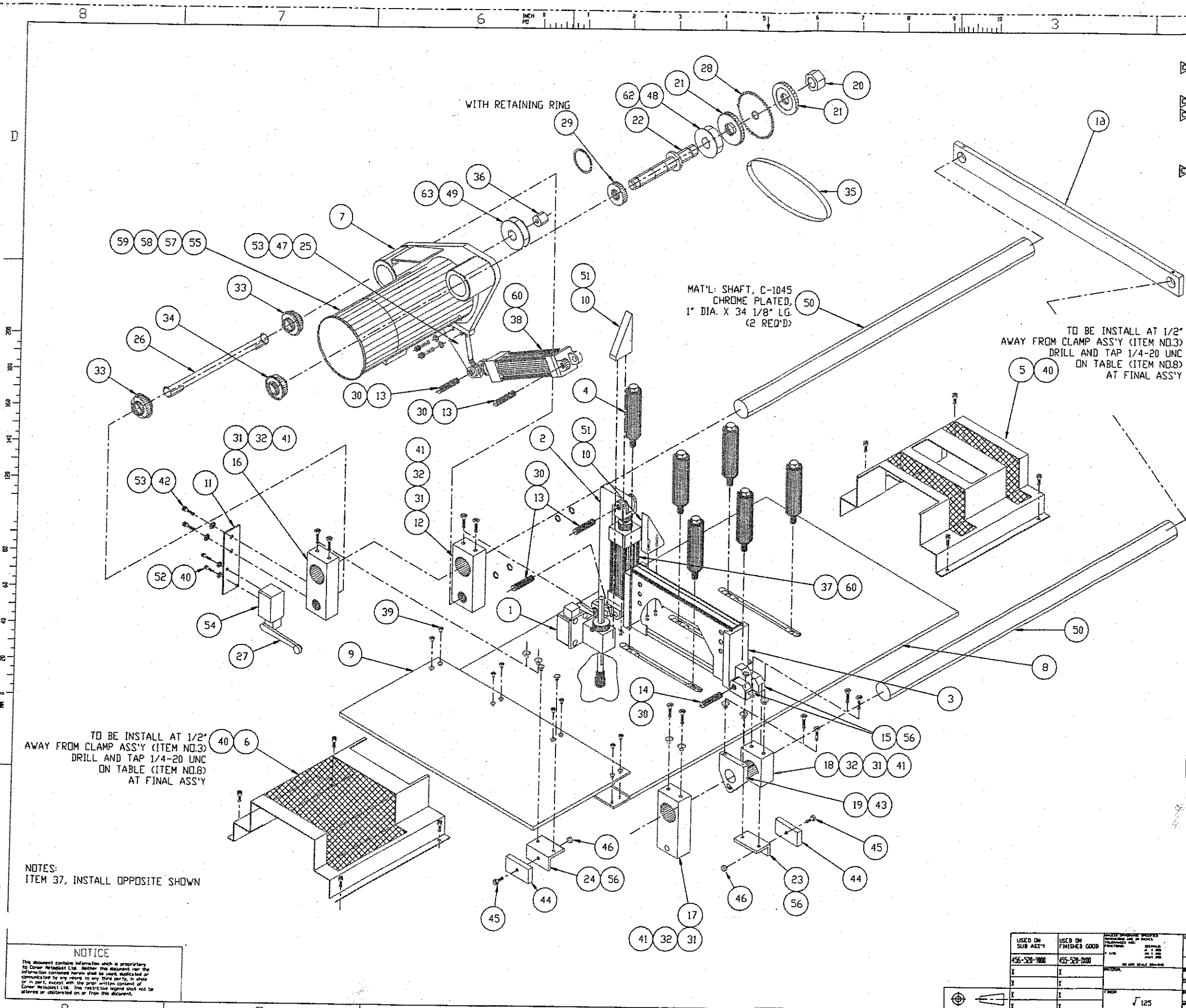
TO BE INSTALL AT 1/2" AWAY FROM CLAMP ASS'Y (ITEM NO.3) DRILL AND TAP 1/4-20 UNC ON TABLE (ITEM NO.8) AT FINAL ASS'Y

NOTES:  
ITEM 37, INSTALL OPPOSITE SHOWN

**NOTICE**  
This document contains information which is proprietary to Conair Metaplast Ltd. Neither this document nor the information contained herein shall be used, applied or communicated by any means to any third party, in whole or in part, except with the prior written consent of Conair Metaplast Ltd. This restrictive legend shall not be altered or obliterated in or from this document.

USED ON SUB ASS'Y	USED ON FINISHED GOOD	APPROVALS	DATE
X	X	R.D.	4/7/99
X	X		
X	X		
X	X		

CONAIR METAPLAST LTD. 275 St. John, Lehigh, Pa. 18201  
 TABLE, TRAVELING, SUB ASS'Y  
 MST6 - RHS MODEL  
 456-520-6902



ITEM NO.	METAPLAST PART NO.	QTY.	DESCRIPTION
1	456-510-1811	1	SUPPORT, MSV
2	7101101	1	ARM, CLAMP CYLINDER SUPPORT
3	456-520-1900	1	CLAMP, ASSEMBLY
4	456-510-1200	6	ROLL, LATERAL
5	71216716	1	GUARD, TABLE SAFETY, REAR
6	71216718	1	GUARD, TABLE FRONT
7	457-520-6021	1	BRACKET, MOTOR MOUNTING
8	458-520-7170	1	TABLE, TRAVELING
9	458-520-3071	1	TABLE TRAVELING EXTENSION
10	458-520-3501	2	GUIDE CLAMP
11	71303842	1	BRACKET, LIMIT SWITCH
12	458-510-3839	1	GUIDE, MOTION LONG MOTOR SIDE
13	458-510-3840	4	PIN, CYLINDER 2 3/8"
14	458-510-3841	1	PIN, CYLINDER 2 5/8"
15	458-510-3844	2	BLOCK, CLAMP PIVOT
16	458-510-3845	1	GUIDE, MOTION MEDIUM
17	458-510-7846	1	GUIDE, MOTION
18	458-510-3847	1	GUIDE, MOTION SHORT
19	458-510-3848	1	BRACKET, UPPER CYLINDER
20	X	1	NUT, NICKEL PLATED, 7/8-14 UNF
21	458-520-6850	2	WASHER, SAW BLADE
22	458-520-6851	1	SHAFT, SAW BLADE
23	458-510-3872	1	STOP, TABLE END
24	458-510-3853	1	STOP, TABLE RETURN
25	458-510-3855	1	BRACKET, LOWER CYLINDER
26	458-510-3856	1	SHAFT, MOTOR BRACKET SWING
27	315-019-2000	1	ARM, LIMIT SWITCH ADJUSTABLE
28	315-040-2006	1	BLADE, SAW, 18" X 120T X 1" DIA. X .120
29	315-080-7010	1	BEARING, BALL #32058-2RSRNRTH C3
30	X	10	RING, RETAINING, FOR 1/2" DIA. PIN
31	315-080-4003	4	RESILIENT MOUNT
32	315-080-4013	4	BEARING, LINEAR
33	315-080-5002	2	BEARING, BALL, WITH HOUSING
34	315-080-5003	1	BEARING, BALL, WITH HOUSING
35	315-089-3044	1	BELT, TIMING, GOOD YEAR #640 BM 20
36	X	1	X
37	315-161-2022	1	CYLINDER, PNEU, 1 1/2" BORE X 2" STROKE
38	315-161-2019	1	CYLINDER, PNEU, 1 1/2" BORE X 10" STROKE
39	X	8	SCREW, FLAT SOCKET HD 82" X 1/2" LG. (BLACK OXIDE)
40	X	10	SCREW, SOCKET HD, 1/4-20 UNC X 1/2" LG. (NICKEL PLATED)
41	X	16	SCREW, FLAT HD 82", 5/16-18 UNC X 1" LG. (BLACK OXIDE)
42	X	2	SCREW, SOCKET HD, 5/16-18 UNC X 3/4" LG. (NICKEL PLATED)
43	X	2	SCREW, FLAT HD 82", 5/16-18 UNC X 1 1/4" LG. (BLACK OX)
44	X	2	BUMPER, RUBBER
45	X	2	SCREW, HEX HD, 1/4-20 UNC X 5/8" LG. (NICKEL PLATED)
46	X	2	NUT, HEX, 1/4-20 UNC (NICKEL PLATED)
47	X	3	SCREW, HEX HD, 5/16 UNC X 1 1/4" LG. (NICKEL PLATED)
48	315-089-3047	1	PULLEY, SHAFT, TIMING BELT, NP30-8M-20-TL
49	315-089-3045	1	PULLEY, MOTOR, TIMING BELT, NP36-8M-20-TL
50	315-080-4015	2	ROD, TABLE SUPPORT
51	X	4	SCREW, SOCKET HD, 1/4-20 UNC X 1" LG. (NICKEL PLATED)
52	X	2	WASHER, LOCK, 1/4 SCREW (NICKEL PLATED)
53	X	5	WASHER, LOCK, 5/16 SCREW (NICKEL PLATED)
54	315-019-2005	1	LIMIT SWITCH
55	315-012-2004	1	AC BRAKE MOTOR 3 HP, 182 TC FRAME, 1750 RPM (BALDOR)
56	X	8	SCREW, FLAT HD 82", 1/4-20 UNC X 3/4" LG. (BLACK OX)
57	X	4	SCREW, HEX HD, 3/8-16 UNC X 1 1/4" LG. (NICKEL PLATED)
58	X	4	WASHER, LOCK, 3/8 SCREW (NICKEL PLATED)
59	X	4	WASHER, FLAT, 3/8 SCREW (NICKEL PLATED)
60	315-161-2018	2	CLEVIS, FEMALE
61	458-520-3866	2	PLATE RAIL SUPPORT
62	315-089-3048	1	TAPER LOCK BUSHING #TL1210 W/ 1 1/4" DIA. BORE
63	315-089-3046	1	TAPER LOCK BUSHING #TL1610 W/ 1 1/8" DIA. BORE

TO BE INSTALL AT 1/2" AWAY FROM CLAMP ASS'Y (ITEM NO.3) DRILL AND TAP 1/4-20 UNC ON TABLE (ITEM NO.8) AT FINAL ASS'Y

NOTES:  
ITEM 37, INSTALL OPPOSITE SHOWN

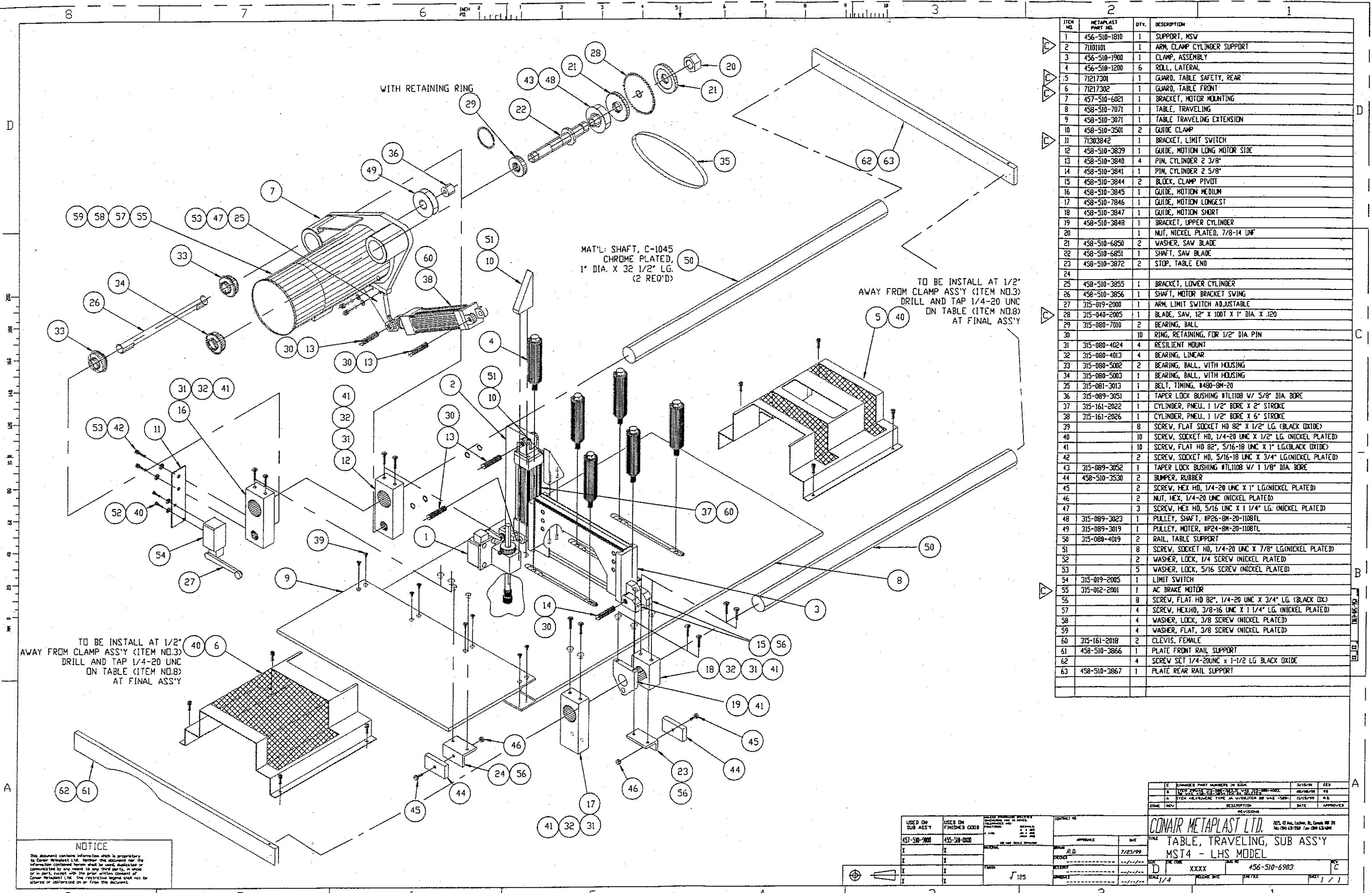
**NOTICE**  
This document contains information which is proprietary to Conair Metaplast Ltd. Neither the document nor the information contained herein shall be used, duplicated or communicated by any means to any third party, in whole or in part, except with the prior written consent of Conair Metaplast Ltd. This restrictive legend shall not be altered or obliterated on or from this document.

USED ON SUB ASS'Y	USED ON FINISHED GOOD	APPROVALS	DATE
X	X	R.D.	4/22/99
X	X		
X	X		
X	X		

CONAIR METAPLAST LTD. 2751 St. Louis, St. Catharines, ON L2R 6K4  
Tel: (905) 231-2500 Fax: (905) 231-2501

**TABLE, TRAVELING, SUB ASS'Y M5T6 - LHS MODEL**

DATE: 4/14/99  
REV: 1/1



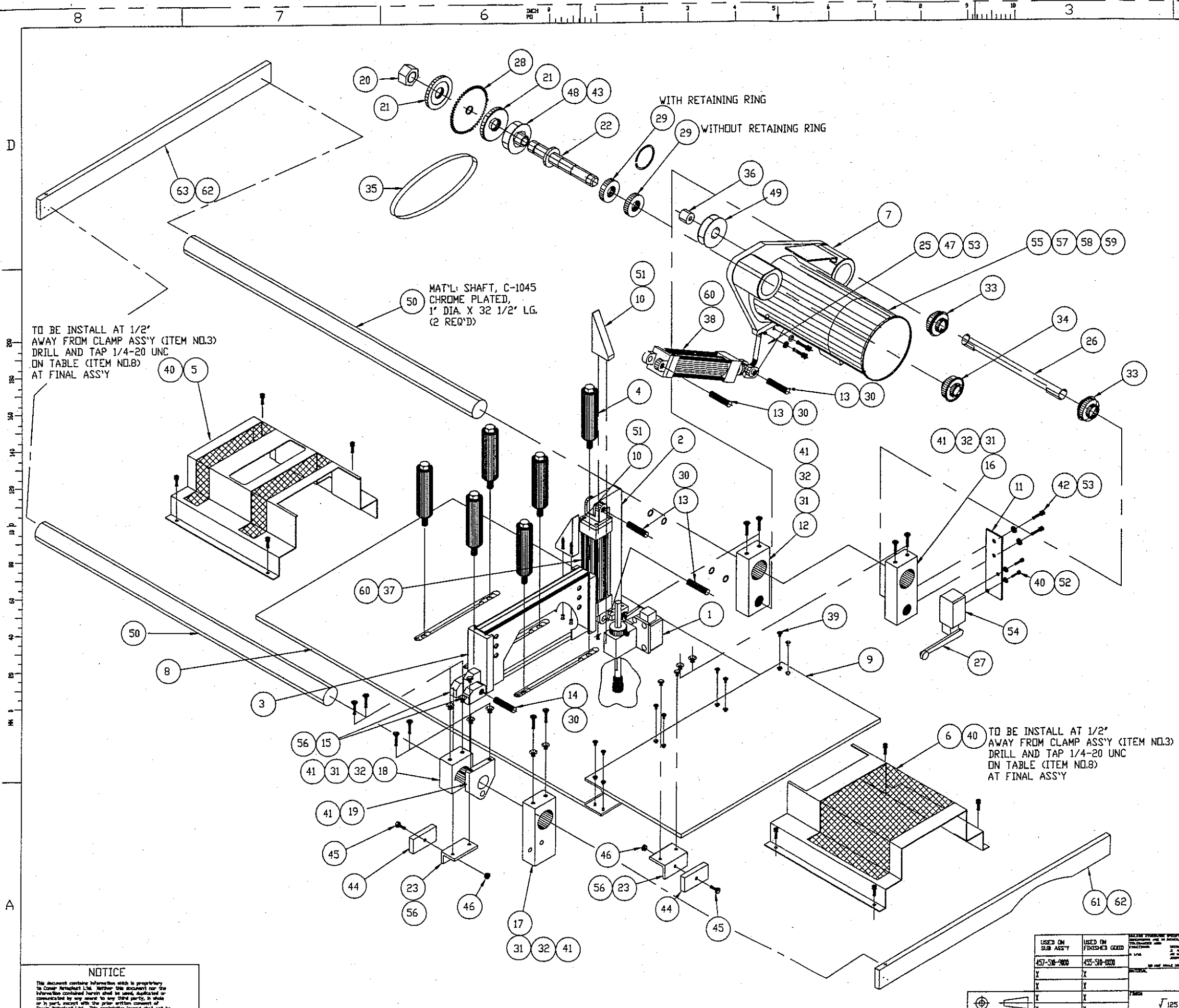
ITEM NO.	METAPLAST PART NO.	QTY.	DESCRIPTION
1	456-510-1810	1	SUPPORT, MSV
2	71101101	1	ARM, CLAMP CYLINDER SUPPORT
3	456-510-1900	1	CLAMP, ASSEMBLY
4	456-510-1200	6	ROLL, LATERAL
5	71217301	1	GUARD, TABLE SAFETY, REAR
6	71217302	1	GUARD, TABLE FRONT
7	457-510-6021	1	BRACKET, MOTOR MOUNTING
8	458-510-7071	1	TABLE, TRAVELING
9	458-510-3071	1	TABLE TRAVELING EXTENSION
10	458-510-3501	2	GUIDE CLAMP
11	71303842	1	BRACKET, LIMIT SWITCH
12	458-510-3839	1	GUIDE, MOTION LONG MOTOR SIDE
13	458-510-3840	4	PIN, CYLINDER 2 3/8"
14	458-510-3841	1	PIN, CYLINDER 2 5/8"
15	458-510-3844	2	BLOCK, CLAMP PIVOT
16	458-510-3845	1	GUIDE, MOTION MEDIUM
17	458-510-7846	1	GUIDE, MOTION LONGEST
18	458-510-3847	1	GUIDE, MOTION SHORT
19	458-510-3848	1	BRACKET, UPPER CYLINDER
20		1	NUT, NICKEL PLATED, 7/8-14 UNF
21	458-510-6850	2	WASHER, SAW BLADE
22	458-510-6851	1	SHAFT, SAW BLADE
23	458-510-3872	2	STOP, TABLE END
24			
25	458-510-3855	1	BRACKET, LOWER CYLINDER
26	458-510-3856	1	SHAFT, MOTOR BRACKET SWING
27	315-019-2000	1	ARM, LIMIT SWITCH ADJUSTABLE
28	315-040-2005	1	BLADE, SAW, 12" X 100" X 1" DIA. X .120
29	315-080-7010	2	BEARING, BALL
30		10	RING, RETAINING, FOR 1/2" DIA. PIN
31	315-080-4024	4	RESILIENT MOUNT
32	315-080-4013	4	BEARING, LINEAR
33	315-080-5002	2	BEARING, BALL, WITH HOUSING
34	315-080-5003	1	BEARING, BALL, WITH HOUSING
35	315-081-3013	1	BELT, TIMING, #480-8M-20
36	315-089-3051	1	TAPER LOCK BUSHING #11108 W/ 5/8" DIA. BORE
37	315-161-2022	1	CYLINDER, PNEU. 1 1/2" BORE X 2" STROKE
38	315-161-2026	1	CYLINDER, PNEU. 1 1/2" BORE X 6" STROKE
39		8	SCREW, FLAT SOCKET HD 82° X 1/2" LG. (BLACK OXIDE)
40		10	SCREW, SOCKET HD, 1/4-20 UNC X 1/2" LG. (NICKEL PLATED)
41		10	SCREW, FLAT HD 82°, 5/16-18 UNC X 1" LG. (BLACK OXIDE)
42		2	SCREW, SOCKET HD, 5/16-18 UNC X 3/4" LG. (NICKEL PLATED)
43	315-089-3052	1	TAPER LOCK BUSHING #11108 W/ 1 1/8" DIA. BORE
44	458-510-3530	2	BUMPER, RUBBER
45		2	SCREW, HEX HD, 1/4-20 UNC X 1" LG. (NICKEL PLATED)
46		2	NUT, HEX, 1/4-20 UNC (NICKEL PLATED)
47		3	SCREW, HEX HD, 5/16 UNC X 1 1/4" LG. (NICKEL PLATED)
48	315-089-3023	1	PULLEY, SHAFT, #P26-8M-20-1108TL
49	315-089-3019	1	PULLEY, MOTOR, #P24-8M-20-1108TL
50	315-080-4019	2	RAIL, TABLE SUPPORT
51		8	SCREW, SOCKET HD, 1/4-20 UNC X 7/8" LG. (NICKEL PLATED)
52		2	WASHER, LOCK, 1/4 SCREW (NICKEL PLATED)
53		5	WASHER, LOCK, 5/16 SCREW (NICKEL PLATED)
54	315-019-2005	1	LIMIT SWITCH
55	315-012-2001	1	AC BRAKE MOTOR
56		8	SCREW, FLAT HD 82°, 1/4-20 UNC X 3/4" LG. (BLACK OX.)
57		4	SCREW, HEX HD, 3/8-16 UNC X 1 1/4" LG. (NICKEL PLATED)
58		4	WASHER, LOCK, 3/8 SCREW (NICKEL PLATED)
59		4	WASHER, FLAT, 3/8 SCREW (NICKEL PLATED)
60	315-161-2018	2	CLEVIS, FEMALE
61	458-510-3866	1	PLATE FRONT RAIL SUPPORT
62		4	SCREW SET 1/4-20UNC X 1-1/2 LG. BLACK OXIDE
63	458-510-3867	1	PLATE REAR RAIL SUPPORT

TO BE INSTALL AT 1/2' AWAY FROM CLAMP ASS'Y (ITEM NO.3) DRILL AND TAP 1/4-20 UNC ON TABLE (ITEM NO.8) AT FINAL ASS'Y

**NOTICE**  
 This document contains information which is proprietary to Conair Metaplast Ltd. Neither the document nor the information contained herein shall be used, disclosed or communicated by any means to any third party, in whole or in part, except with the prior written consent of Conair Metaplast Ltd. This restrictive legend shall not be altered or obliterated on or from the document.

USED ON SUB ASSY	USED ON FINISHED GOOD	SELECT FINISHED PARTS	CONTRACT NO.
457-510-9000	455-510-000	DESCRIPTION	
		DATE	
		APPROVAL	
		DATE	
		REVISIONS	
		DESCRIPTION	
		DATE	
		APPROVAL	
		DATE	

**CONAIR METAPLAST LTD.** 225, 01 Ave. Lashby, R.L. South Hill BC  
 Tel: 604-533-2500 Fax: 604-533-4848  
**TABLE, TRAVELING, SUB ASS'Y**  
**MST4 - LHS MODEL**  
 SCALE: 1/4" = 1" PART: 1/1



ITEM NO.	METAPLAST PART NO.	QTY.	DESCRIPTION
1	456-510-1810	1	SUPPORT, MSV
2	7101101	1	ARM, CLAMP CYLINDER SUPPORT
3	456-510-1900	1	CLAMP, ASSEMBLY
4	456-510-1200	6	ROLL, LATERAL
5	71217301	1	GUARD, TABLE SAFETY, REAR
6	71217302	1	GUARD, TABLE FRONT
7	457-510-6020	1	BRACKET, MOTOR MOUNTING
8	458-510-7070	1	TABLE, TRAVELING
9	458-510-3071	1	TABLE TRAVELING EXTENSION
10	458-510-3501	2	GUIDE CLAMP
11	71303842	1	BRACKET, LIMIT SWITCH
12	458-510-3839	1	GUIDE, MOTION LONG MOTOR SIDE
13	458-510-3840	4	PIN, CYLINDER 2 3/8"
14	458-510-3841	1	PIN, CYLINDER 2 5/8"
15	458-510-3844	2	BLOCK, CLAMP PIVOT
16	458-510-3845	1	GUIDE, MOTION MEDIUM
17	458-510-7846	1	GUIDE, MOTION LONGEST
18	458-510-3847	1	GUIDE, MOTION SHORT
19	458-510-3848	1	BRACKET, UPPER CYLINDER
20		1	NUT, NICKEL PLATED, 7/8-14 UNF
21	458-510-6850	2	WASHER, SAW BLADE
22	458-510-6851	1	SHAFT, SAW BLADE
23	458-510-3872	2	STOP, TABLE END
24			
25	458-510-3855	1	BRACKET, LOWER CYLINDER
26	458-510-3856	1	SHAFT, MOTOR BRACKET SWING
27	315-019-2000	1	ARM, LIMIT SWITCH ADJUSTABLE
28	315-040-2005	1	BLADE, SAW, 12" X 100" X 1" DIA. X .120
29	315-080-7010	2	BEARING, BALL
30		10	RING, RETAINING, FOR 1/2" DIA. PIN
31	315-080-4024	4	RESILIENT MOUNT
32	315-080-4013	4	BEARING, LINEAR
33	315-080-5002	2	BEARING, BALL, WITH HOUSING
34	315-080-5003	1	BEARING, BALL, WITH HOUSING
35	315-081-3013	1	BELT, TIMING, #480-8M-20
36	315-089-3051	1	TAPER LOCK BUSHING #TL1108 W/ 5/8" DIA. BORE
37	315-161-2022	1	CYLINDER, PNEU, 1 1/2" BORE X 2" STROKE
38	315-161-2026	1	CYLINDER, PNEU, 1 1/2" BORE X 6" STROKE
39		8	SCREW, FLAT SOCKET HD 82" X 1/2" LG. (BLACK OXIDE)
40		10	SCREW, SOCKET HD, 1/4-20 UNC X 1/2" LG. (NICKEL PLATED)
41		10	SCREW, FLAT HD 82", 5/16-18 UNC X 1" LG. (BLACK OXIDE)
42		2	SCREW, SOCKET HD, 5/16-18 UNC X 3/4" LG. (NICKEL PLATED)
43	315-089-3052	1	TAPER LOCK BUSHING #TL1108 W/ 1/8" DIA. BORE
44	458-510-3530	2	BUMPER, RUBBER
45		2	SCREW, HEX HD, 1/4-20 UNC X 1" LG. (NICKEL PLATED)
46		2	NUT, HEX, 1/4-20 UNC (NICKEL PLATED)
47		3	SCREW, HEX HD, 5/16 UNC X 1 1/4" LG. (NICKEL PLATED)
48	315-089-3023	1	PULLEY, SHAFT, #P26-8M-20-1108TL
49	315-089-3019	1	PULLEY, MITER, #P24-8M-20-1108TL
50	315-080-4019	2	RAIL, TABLE SUPPORT
51		8	SCREW, SOCKET HD, 1/4-20 UNC X 7/8" LG. (NICKEL PLATED)
52		2	WASHER, LOCK, 1/4 SCREW (NICKEL PLATED)
53		5	WASHER, LOCK, 5/16 SCREW (NICKEL PLATED)
54	315-019-2005	1	LIMIT SWITCH
55	315-012-2001	1	AC BRAKE MOTOR
56		8	SCREW, FLAT HD 82", 1/4-20 UNC X 3/4" LG. (BLACK OX)
57		4	SCREW, HEX HD, 3/8-16 UNC X 1 1/4" LG. (NICKEL PLATED)
58		4	WASHER, LOCK, 3/8 SCREW (NICKEL PLATED)
59		4	WASHER, FLAT, 3/8 SCREW (NICKEL PLATED)
60	315-161-2018	2	CLEVIS, FEMALE
61	458-510-3866	1	PLATE FRONT RAIL SUPPORT
62		4	SCREW SET 1/4-20UNC X 1-1/2 LG BLACK OXIDE
63	458-510-3867	1	PLATE REAR RAIL SUPPORT

TO BE INSTALL AT 1/2" AWAY FROM CLAMP ASS'Y (ITEM NO.3) DRILL AND TAP 1/4-20 UNC ON TABLE (ITEM NO.8) AT FINAL ASS'Y

TO BE INSTALL AT 1/2" AWAY FROM CLAMP ASS'Y (ITEM NO.3) DRILL AND TAP 1/4-20 UNC ON TABLE (ITEM NO.8) AT FINAL ASS'Y

**NOTICE**  
 This document contains information which is proprietary to Conair Metaplast Ltd. Neither this document nor the information contained herein shall be used, disclosed or communicated in any manner to any third party, in whole or in part, except with the prior written consent of Conair Metaplast Ltd. This restriction is not to be altered or obfuscated in or from this document.

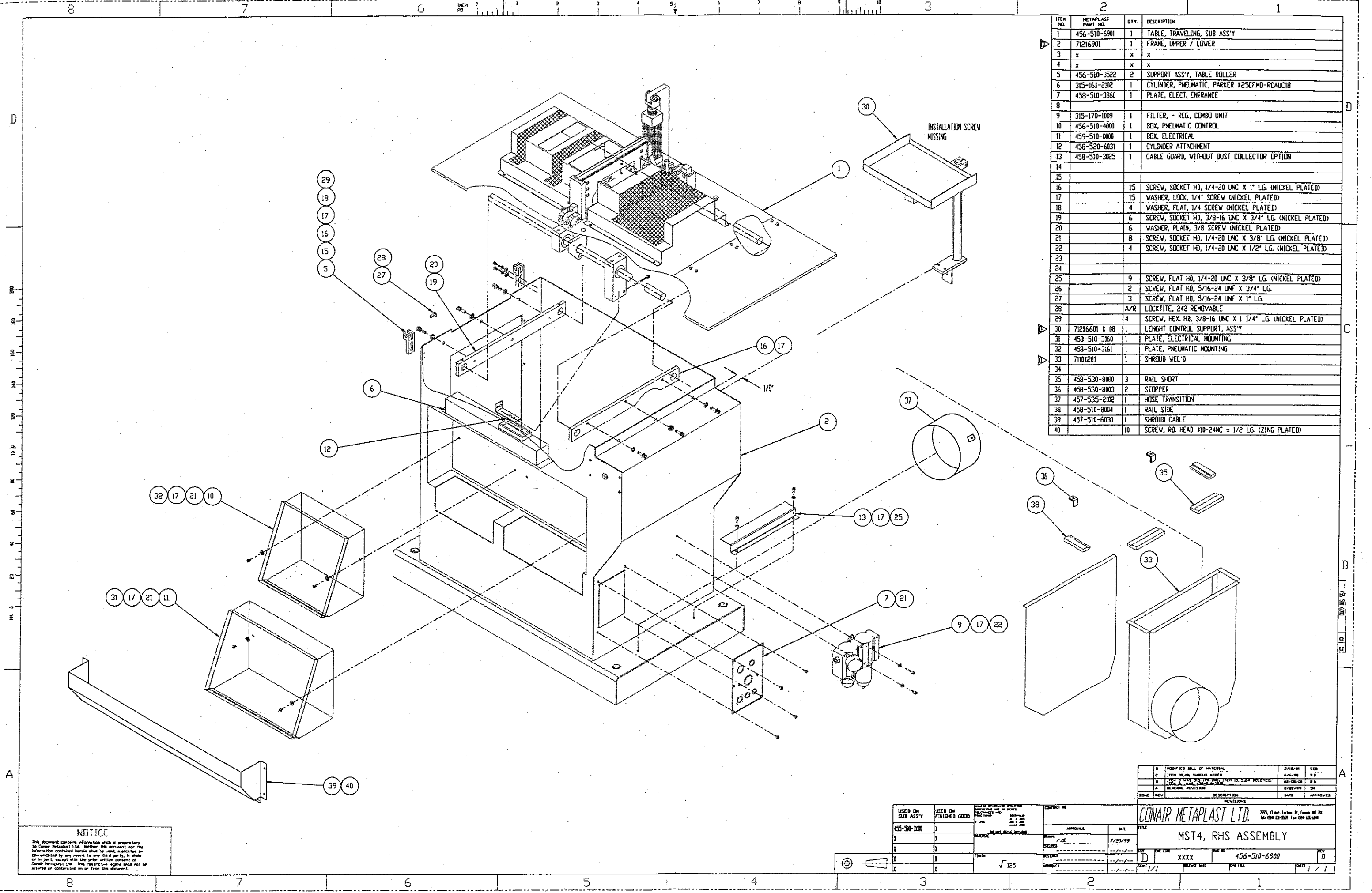
USED ON SUB ASS'Y	USED ON FINISHED GOOD	DATE	BY
X	X	7/23/99	RJD
X	X		
X	X		
X	X		

CONAIR METAPLAST LTD.  
 275, G. Ave., London, St. Catharines ON L9A 4R2  
 TEL: (905) 261-2200 FAX: (905) 261-2201

TABLE, TRAVELING, SUB ASS'Y  
 MST4 - RHS MODEL

REV: D  
 DATE: 7/23/99  
 DRAWN: XXXX  
 CHECKED: XXXX  
 APPROVED: XXXX





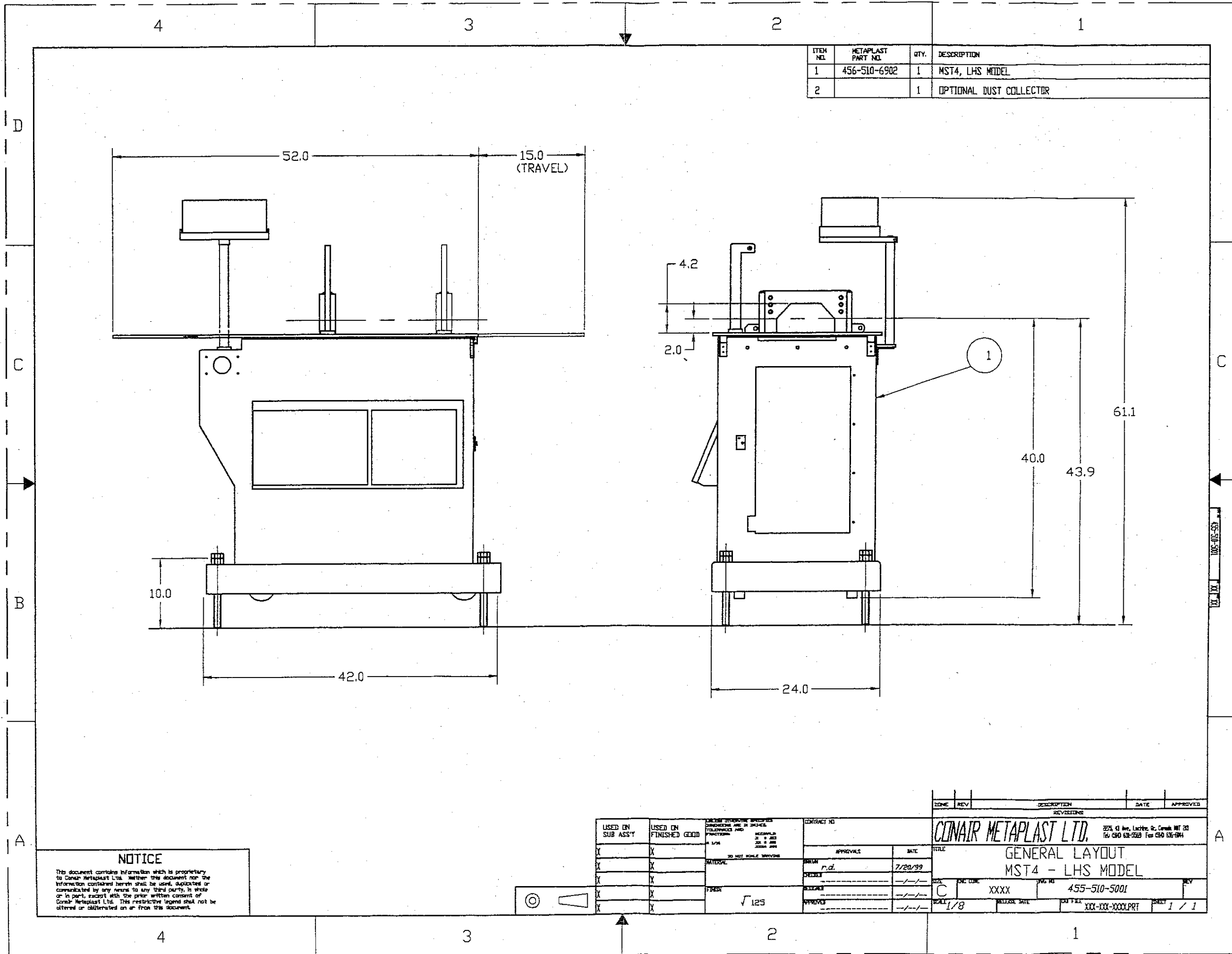
ITEM NO.	METAPLAST PART NO.	QTY.	DESCRIPTION
1	456-510-6901	1	TABLE, TRAVELING, SUB ASS'Y
2	71216901	1	FRAME, UPPER / LOWER
3	x	x	x
4	x	x	x
5	456-510-3522	2	SUPPORT ASS'Y, TABLE ROLLER
6	315-161-2102	1	CYLINDER, PNEUMATIC, PARKER #25CFMD-RCAUC18
7	458-510-3860	1	PLATE, ELECT. ENTRANCE
8			
9	315-170-1009	1	FILTER, - REG. COMBO UNIT
10	456-510-4000	1	BOX, PNEUMATIC CONTROL
11	459-510-0000	1	BOX, ELECTRICAL
12	458-520-6831	1	CYLINDER ATTACHMENT
13	458-510-3025	1	CABLE GUARD, WITHOUT DUST COLLECTOR OPTION
14			
15			
16		15	SCREW, SOCKET HD, 1/4-20 UNC X 1" LG. (NICKEL PLATED)
17		15	WASHER, LOCK, 1/4" SCREW (NICKEL PLATED)
18		4	WASHER, FLAT, 1/4" SCREW (NICKEL PLATED)
19		6	SCREW, SOCKET HD, 3/8-16 UNC X 3/4" LG. (NICKEL PLATED)
20		6	WASHER, PLAIN, 3/8" SCREW (NICKEL PLATED)
21		8	SCREW, SOCKET HD, 1/4-20 UNC X 3/8" LG. (NICKEL PLATED)
22		4	SCREW, SOCKET HD, 1/4-20 UNC X 1/2" LG. (NICKEL PLATED)
23			
24			
25		9	SCREW, FLAT HD, 1/4-20 UNC X 3/8" LG. (NICKEL PLATED)
26		2	SCREW, FLAT HD, 5/16-24 UNF X 3/4" LG.
27		3	SCREW, FLAT HD, 5/16-24 UNF X 1" LG.
28		A/R	LOCKTITE, 242 REMOVABLE
29		4	SCREW, HEX HD, 3/8-16 UNC X 1 1/4" LG. (NICKEL PLATED)
30	71216601 & 08	1	LENGHT CONTROL SUPPORT, ASS'Y
31	458-510-3160	1	PLATE, ELECTRICAL MOUNTING
32	458-510-3161	1	PLATE, PNEUMATIC MOUNTING
33	71101201	1	SHROUD WEL'D
34			
35	458-530-8000	3	RAIL SHORT
36	458-530-8003	2	STOPPER
37	457-535-2102	1	HOSE TRANSITION
38	458-510-8004	1	RAIL SIDE
39	457-510-6030	1	SHROUD CABLE
40		10	SCREW, RD. HEAD #10-24NC X 1/2 LG. (ZINC PLATED)

**NOTICE**  
 This document contains information which is proprietary to Conair Metaplast Ltd. Neither this document nor the information contained herein shall be used, duplicated or communicated in any manner to any third party, in whole or in part, except with the prior written consent of Conair Metaplast Ltd. This restriction legend shall not be altered or obliterated on or from this document.

USED ON SUB ASS'Y	USED ON FINISHED GOOD	APPROVALS	DATE
X	X		
X	X		
X	X		
X	X		

<b>CONAIR METAPLAST LTD.</b> 225, G. Ave. Lehigh, R. Canada, Ont. L9L 4K1 TEL: (416) 223-2200 FAX: (416) 223-2201	
<b>MST4, RHS ASSEMBLY</b>	
PART NO: 456-510-6900 REV: D	SCALE: 1/1



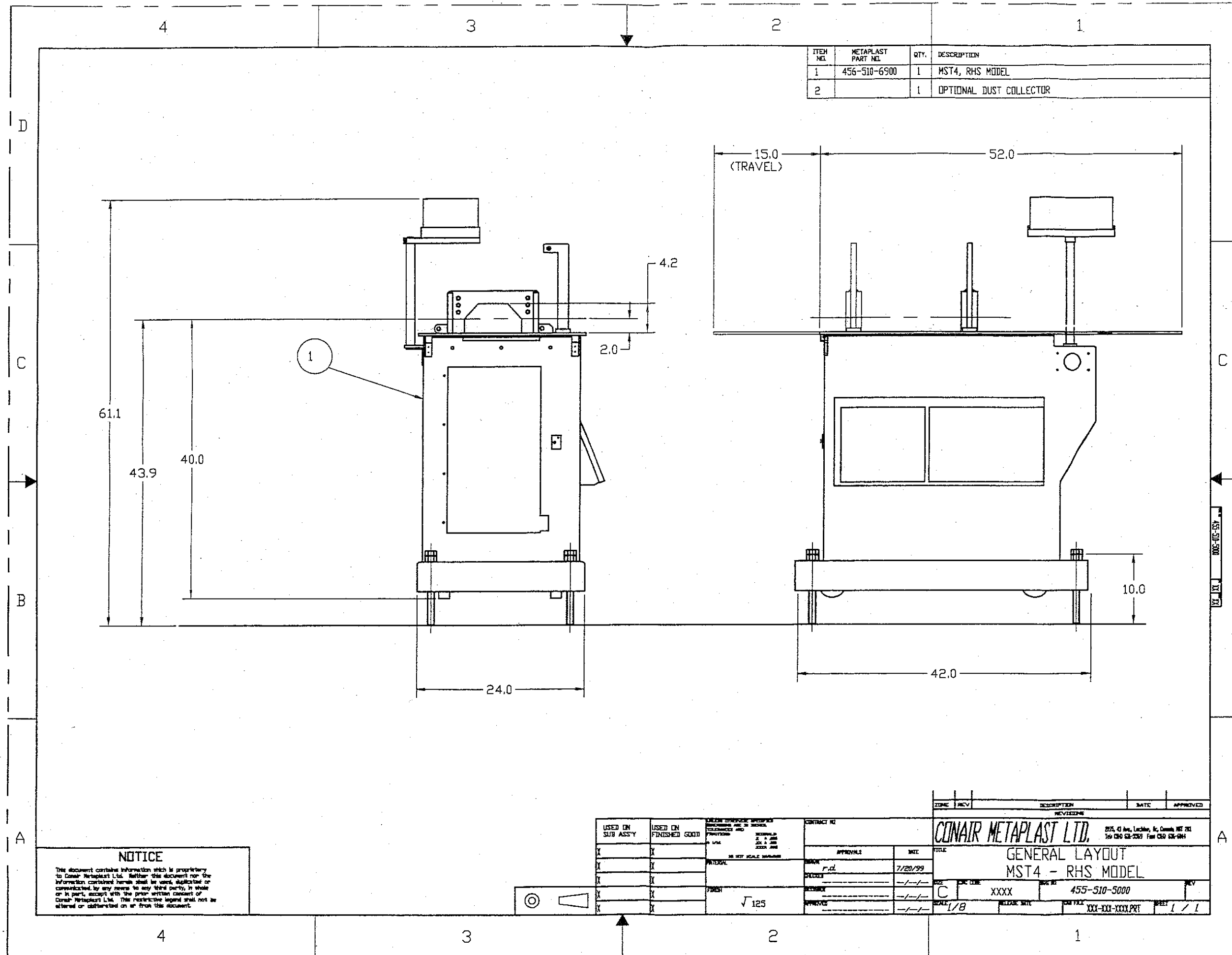
ITEM NO.	METAPLAST PART NO.	QTY.	DESCRIPTION
1	456-510-6902	1	MST4, LHS MODEL
2		1	OPTIONAL DUST COLLECTOR

**NOTICE**  
 This document contains information which is proprietary to Conair Metaplast Ltd. Neither this document nor the information contained herein shall be used, duplicated or communicated by any means to any third party, in whole or in part, except with the prior written consent of Conair Metaplast Ltd. This restrictive legend shall not be altered or obliterated on or from this document.

USED ON SUB ASSY	USED ON FINISHED GOOD	CONTRACT NO.
X	X	
X	X	
X	X	
X	X	
X	X	

APPROVALS	DATE
DRM r.d.	7/20/99
CHKD	---
ENGR	---
APPV	---

ZONE	REV	DESCRIPTION	DATE	APPROVED
<b>CONAIR METAPLAST LTD.</b>				
225, 43 Ave. Lachine, Qc. Canada H7T 2B1 Tel: 514 632-3528 Fax: 514 632-3544				
<b>GENERAL LAYOUT</b>				
<b>MST4 - LHS MODEL</b>				
C	XXXX	455-510-5001		
SCALE	1/8	DATE FILED	XXX-XXX-XXXXPRT	SHEET 1 / 1



ITEM NO.	METAPLAST PART NO.	QTY.	DESCRIPTION
1	455-510-6900	1	MST4, RHS MODEL
2		1	OPTIONAL DUST COLLECTOR

**NOTICE**  
 This document contains information which is proprietary to Conair Metaplast Ltd. Neither this document nor the information contained herein shall be used, duplicated or communicated by any means to any third party, in whole or in part, except with the prior written consent of Conair Metaplast Ltd. This restrictive legend shall not be altered or distributed on or from this document.

USED ON SUB ASS'Y	USED ON FINISHED GOOD	DATE	BY
X	X		
X	X		
X	X		
X	X		
X	X		

APPROVALS	DATE
<i>r.d.</i>	7/20/99

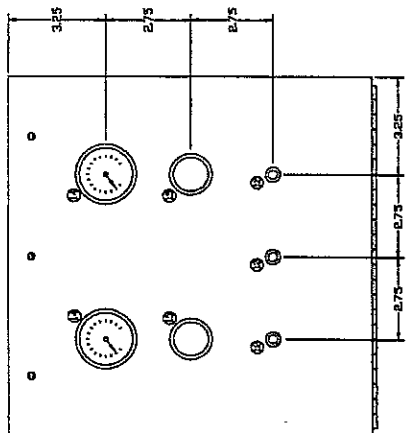
REV	DESCRIPTION	DATE	APPROVED
	REVISED		

**CONAIR METAPLAST LTD.** 225, G Ave., Larcher, St. Constant, QC J5C 2K1  
 Tel: (514) 628-2300 Fax: (514) 628-0944

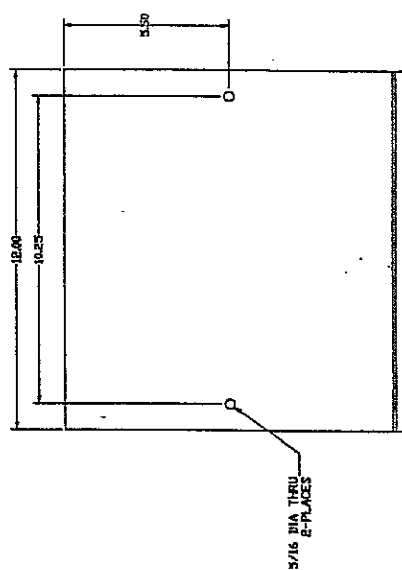
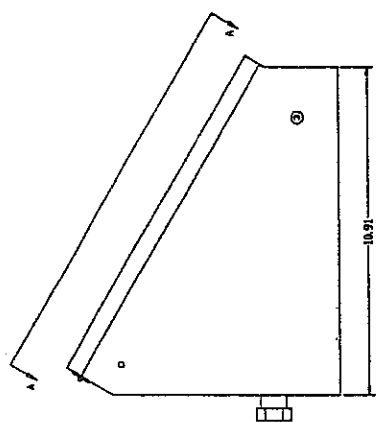
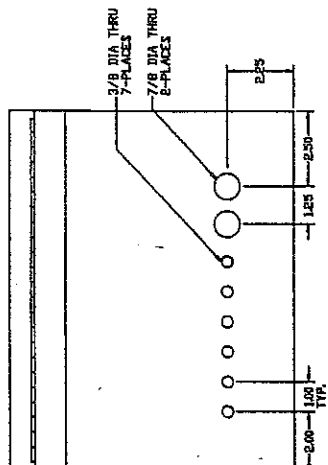
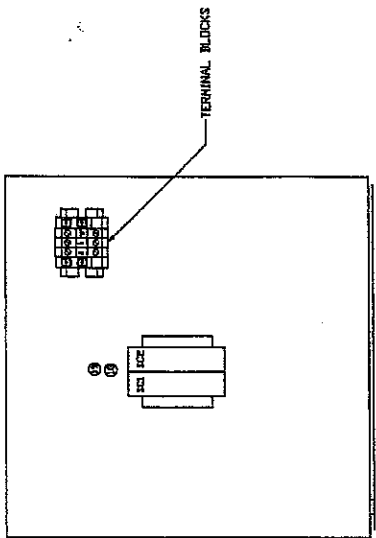
TITLE: GENERAL LAYOUT  
 MST4 - RHS MODEL

SCALE: C  
 SHEET: 1/8  
 PART NO.: 455-510-5000  
 FILE: XXX-XXX-XXXX.PRT  
 SHEET: 1 / 1





VIEW A-A



UNLESS OTHERWISE SPECIFIED  
 MATERIALS ARE TO BE AS SPECIFIED IN THE DRAWING  
 FINISHES ARE TO BE AS SPECIFIED IN THE DRAWING  
 DIMENSIONS ARE TO BE AS SPECIFIED IN THE DRAWING  
 ALL DIMENSIONS ARE TO BE IN INCHES UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE TO BE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE TO BE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE TO BE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE TO BE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED

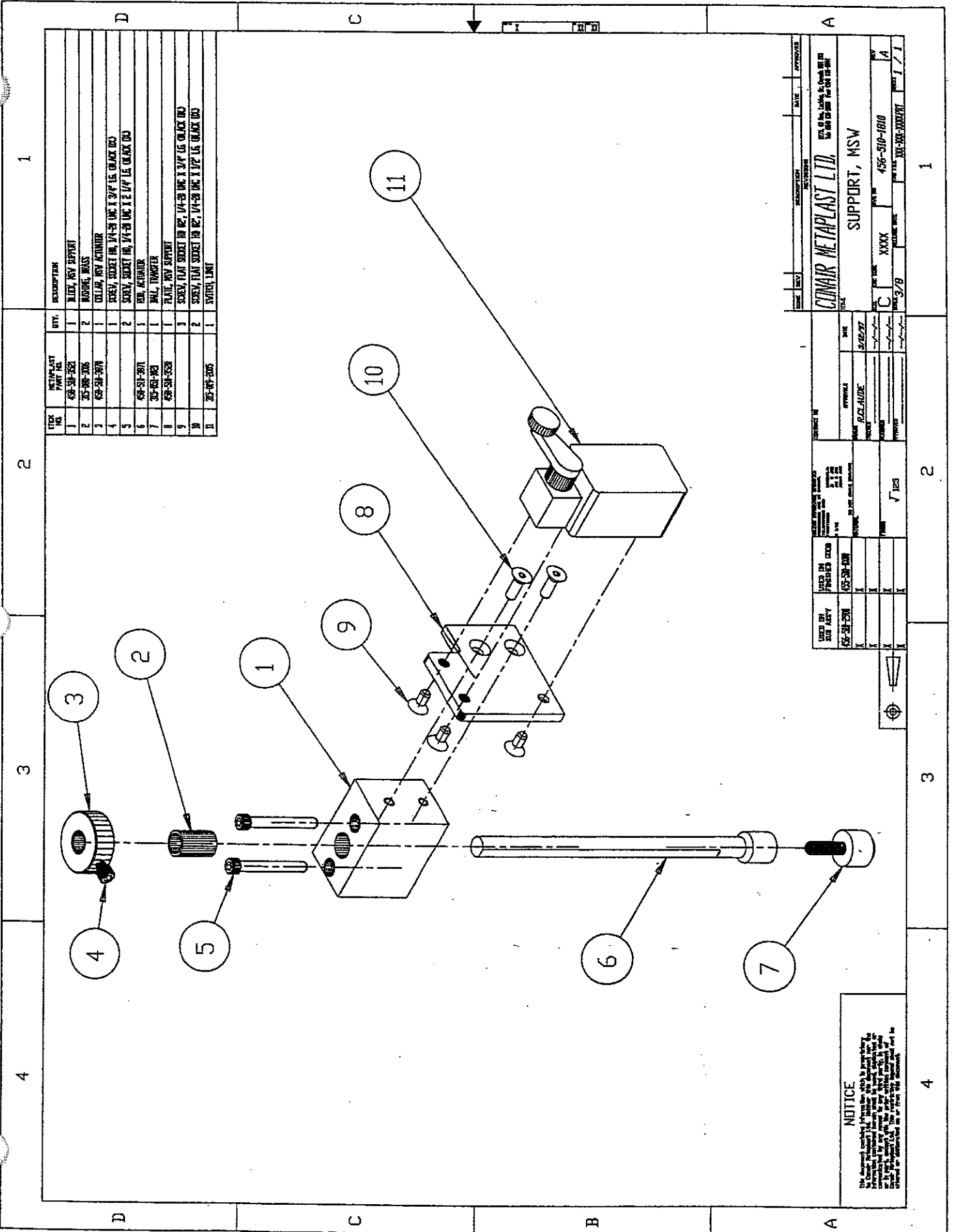
**OSAIR** The Best Since We  
 Started in 1914  
**MST PNEUMATIC CONTROL**  
 ALL MODELS MST SERIES

DATE 11-9-00 SHEET 2 OF 2  
 DRAWN BY JPB/D

459400-00400 B

NO.	REVISION	BY	DATE
1			





ITEM NO.	METALFAST PART NO.	QTY.	DESCRIPTION
1	65-51-200	1	W/DX, RIV SUPPORT
2	35-106-206	2	WASHER, WAS
3	65-51-301	1	WASHER, RIV ANCHOR
4		2	WASHER, SOCKET IN 1/4-20 UNC X 3/4 LG BLACK DD
5		2	WASHER, SOCKET IN 1/4-20 UNC X 1/2 LG BLACK DD
6	65-51-301	1	WASHER
7	35-106-206	1	WASHER, TRANSFER
8	65-51-200	1	PLATE, RIV SUPPORT
9		3	SOCKET, FLAT SOCKET IN 1/4-20 UNC X 3/4 LG BLACK DD
10		2	SOCKET, FLAT SOCKET IN 1/4-20 UNC X 1/2 LG BLACK DD
11	35-106-200	1	WASHER, LIMIT

**NOTICE**  
 This document contains technical information which is proprietary to the United States Government and is loaned to you for your information only. It is not to be distributed outside your organization. If you are a contractor or subcontractor, this information is to be used only for the performance of your contract with the Government.

DATE	REV.	DESCRIPTION	APPROVED

**CINAIR METALFAST LTD.**  
 SUPPORT, MSW

DESIGNED BY	DATE	3/10/57
DRAWN BY	APPROVED	
CHECKED BY	PROJECT	
TESTED BY	PRODUCTION	
INSPECTED BY	QUANTITY	17 PCS

USED BY SUB ASSEMBLY: 65-51-200  
 USED IN FINISHED PRODUCTS: 65-51-200

**ASSEMBLY PRINTS**

**&**

**PARTS LIST**

**MST 8**



EQUIPMENT PARTS LIST  
TO ORDER PARTS CALL TOLL FREE (800) 458-1960

Product: MST-8 Saw  
REV #: TNCC/0401  
Instruction Manual:

Model No.:  
Serial No.:

Assembly / Part Number (s)

Wiring Diagram Number (s)

71500403 Transmission Kit  
71500303 Pneumatics

See Below

Reference Number	Part Number	Qty	Description
<u>Pneumatic Parts</u>			
1	315-167-2129	3	Panel Mount Flow Control
2	315-167-2046	2	Panel Mount Regulator
3	315-170-1001	1	Filter Regulator and Gage Assembly
4	26661801	1	Air Line Filter only
5	315-167-2130	2	Solenoid Valves in Control Box
6	315-165-1011	2	Exhaust with adjustment on Clamp Cylinder
7	315-161-2029	1	Clamp Cylinder
8	315-161-2027	1	Blade Cylinder
9	315-161-2051	2	Table Cylinder
<u>Bearings</u>			
10	458-510-6850	2	Saw Blade Washer
11	315-080-5005	1	Back End Saw Shaft Bearing
12	315-080-1035	2	Front End Saw Shaft Bearing
13	66696	16	Lateral Roller Bearings
14	3558-00693	3	Table Support Roller Bearing
15	315-080-5001	2	Saw and Motor Travel Bearing
16	315-080-4006	4	Table Travel Bearing
17	315-080-4008	4	Rubber Mounting for Table Travel Bearing
18	456-510-1200	8	Lateral Roller Assembly
19	▷ 71101605	1	(R-L) Motor Mounting Plate & Bearing Kit
	71101606		(L-R) Motor Mounting Plate & Bearing Kit
<u>General</u>			
20	458-530-3508	2	Rubber Pad for Clamp (Straight)
21	315-040-2029	1	<i>Saw Blade 24", 140-tooth</i>

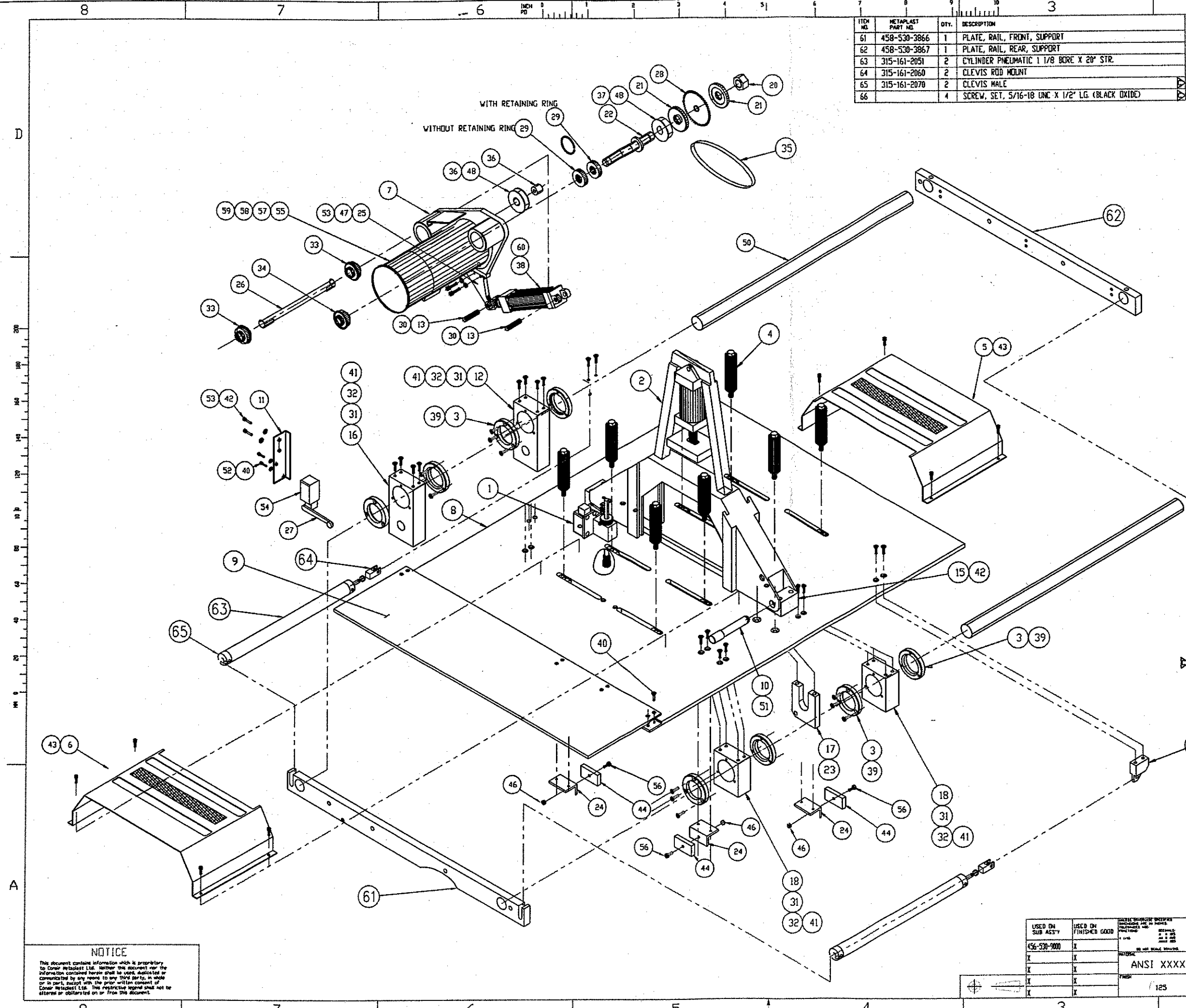
\* Indicates recommended spare parts | ▷ Indicates revisions change | *Italicized* indicates typographical error



EQUIPMENT PARTS LIST  
TO ORDER PARTS CALL TOLL FREE (800) 458-1960

Product: MST-8 Saw  
REV #: TNCC/0401  
Instruction Manual:

Reference Number	Part Number	Qty	Description
	<u>Electrical Parts</u>		
22	315-019-2005	4	Limit Switch
23	315-015-6015	1	Safety Switch for Door
24	315-015-5003	1	Key for the Safety Switch
25	315-015-5002	1	E-Stop Button
26	1545-30160	1	Encoder
27	1545-00594	1	Rubber Wheel for Encoder
28	315-012-2007	1	Brake Motor
29	26634902	1	Durant Counter
30	26634901	1	Durant Totalizer
31	459-400-9004-10	Ref	Electric Kit (With DustCollector)
	459-400-9003-10		Electric Kit (Without DustCollector)
32	459-400-9004-07	Ref	Wiring Diagram (230 V. – With DustCollector)
	459-400-9003-07		Wiring Diagram (230 V. – Without DustCollector)
	459-400-9004-08		Wiring Diagram (460 V. – With DustCollector)
	459-400-9003-09		Wiring Diagram (460 V. – Without Dustcollector)
	459-400-9004-09		Wiring Diagram (575 V. – With DustCollector)
	459-400-9003-09		Wiring Diagram (575 V. – Without DustCollector)



ITEM NO.	METAPLAST PART NO.	QTY.	DESCRIPTION
61	458-530-3866	1	PLATE, RAIL, FRONT, SUPPORT
62	458-530-3867	1	PLATE, RAIL, REAR, SUPPORT
63	315-161-2051	2	CYLINDER PNEUMATIC 1 1/8 BORE X 2 1/2 STR.
64	315-161-2060	2	CLEVIS ROD MOUNT
65	315-161-2070	2	CLEVIS MALE
66		4	SCREW, SET, 5/16-18 UNC X 1/2" LG. (BLACK OXIDE)

ITEM NO.	METAPLAST PART NO.	QTY.	DESCRIPTION
1	456-510-1811	1	SUPPORT, MSW-LHS ASS'Y
2	456-530-1905	1	CLAMP ASS'Y
3	458-530-3015	8	COVER, BEARING
4	456-510-1208	8	ROLL, LATERAL
5	71216604	1	GUARD, TABLE SAFETY, REAR
6	71216605	1	GUARD, TABLE FRONT
7	457-530-6021	1	MOTOR MOUNTING PLATE WELD'Y
8	458-530-7073	1	TABLE, TRAVELING
9	458-530-3071	1	TABLE TRAVELING EXTENSION
10	458-530-3016	1	PIN, CLAMP BLOCK
11	458-530-3519	1	BRACKET, LIMIT SWITCH
12	458-530-3839	1	GUIDE, MOTION LONG MOTOR SIDE
13	458-510-3840	2	PIN, CYLINDER 2 3/8"
14	458-530-3506	2	BLOCK, CYLINDER
15	458-530-3844	2	BLOCK, CLAMP PIVOT
16	458-530-3845	1	GUIDE, MOTION LONG
17	458-530-3848	1	BRACKET CYLINDER
18	458-530-3847	2	GUIDE, MOTION SHORT
19	X	X	X
20	1	1	HEX. NUT, 7/8-14 UNF
21	458-520-6850	2	WASHER, SAW BLADE
22	458-530-6851	1	SHAFT, SAW BLADE
23	X	X	SCREW, FLAT HD 82°, 1/2-13 UNC X 1 3/4" LG.
24	458-510-3853	3	BUMPER TABLE LEFT BRACKET
25	458-530-3855	1	BRACKET, LOWER CYLINDER
26	458-530-3856	1	SHAFT, MOTOR BRACKET SWING
27	315-019-2000	1	ARM, LIMIT SWITCH ADJUSTABLE
28	315-040-2029	1	BLADE, SAW, 24" X 140T X 1" DIA. X 180
29	315-080-1035	2	BEARING, BALL
30		6	RING, RETAINING, FOR 1/2" DIA. PIN
31	315-080-4008	4	RESILIENT MOUNT
32	315-080-4006	4	BEARING, LINEAR
33	315-080-5001	2	BEARING, BALL
34	315-080-5005	1	BEARING, BALL
35	315-081-3014	1	BELT, TIMING #640-BN-30
36	315-080-8010	1	TAPER LOCK BUSHING, TL1210, BORE 1 1/8"
37	315-080-8030	1	TAPER LOCK BUSHING, TL1210, BORE 1 1/4"
38	315-161-2027	1	CYLINDER, PNEU., 2" BORE X 12" STROKE
39		24	SCREW, FLAT HD 82°, 1/4-20 UNC X 3/4" LG. (NICKEL PLATED)
40		12	SCREW, FLAT HD 82°, 1/4-20 UNC X 1/2" LG. (NICKEL PLATED)
41		18	SCREW, FLAT HD 82°, 5/16-18 UNC X 1" LG. (BLACK OXIDE)
42		6	SCREW, SOCKET HD, 5/16-18 UNC X 3/4" LG. (NICKEL PLATED)
43		8	SCREW, SOCKET HD, 1/4-20 UNC X 1/2" LG. (NICKEL PLATED)
44	458-510-3540	3	BUMPER, RUBBER
45		2	SCREW, HEX HD, 1/4-20 UNC X 5/8" LG. (NICKEL PLATED)
46		3	NUT, HEX, 1/4-20 UNC (NICKEL PLATED)
47		3	SCREW, HEX HD, 5/16 UNC X 1 1/4" LG. (NICKEL PLATED)
48	315-089-3049	2	SPROCKET, WP30-BN-30-1210TL
49	X	X	X
50	315-080-4023	2	LINEAR RACE #1500 X 37.500 LG
51		1	PIN, HINTCH
52		8	WASHER, LOCK, 1/4 SCREW (NICKEL PLATED)
53		3	WASHER, LOCK, 5/16 SCREW (NICKEL PLATED)
54		1	LIMIT SWITCH, SEE ELECTRICAL BDM
55	315-012-2007	1	AC BRAKE MOTOR 5 HP, 182 TC FRAME, 1750 RPM (BALBOR)
56		8	SCREW, FLAT HD 82°, 1/4-20 UNC X 3/4" LG. (BLACK OX.)
57		4	SCREW, HEX HD, 3/8-16 UNC X 1 1/4" LG. (NICKEL PLATED)
58		4	WASHER, LOCK, 3/8 SCREW (NICKEL PLATED)
59		4	WASHER, FLAT, 3/8 SCREW (NICKEL PLATED)
60	315-161-2018	2	CLEVIS, FEMALE

**NOTICE**  
 This document contains information which is proprietary to Conair Metaplast Ltd. Within this document any information contained herein shall be used, duplicated or communicated by any means to any third party, in whole or in part, except with the prior written consent of Conair Metaplast Ltd. This restrictive legend shall not be altered or obliterated on or from this document.

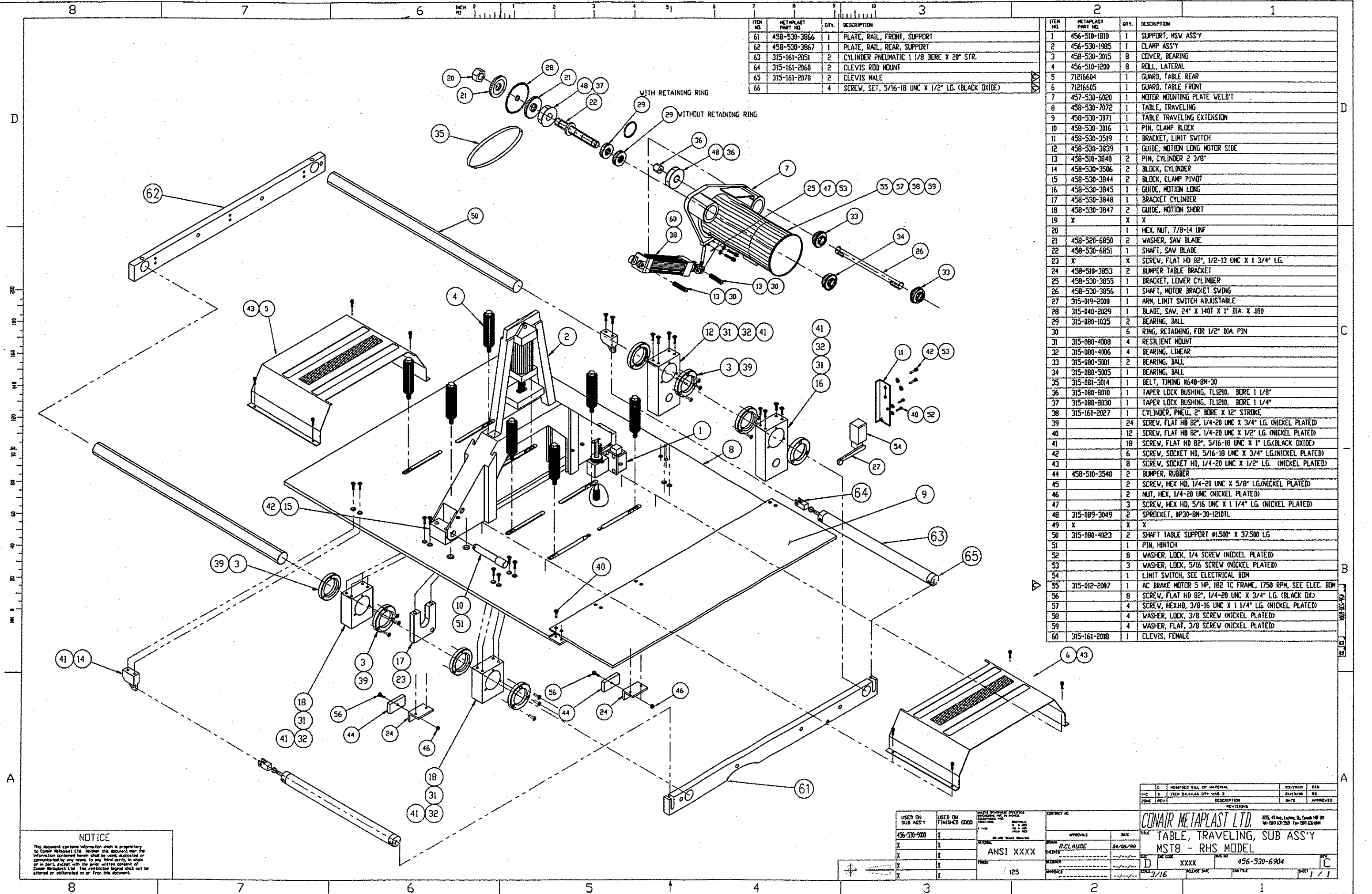
USED ON SUB ASS'Y	USED ON FINISHED GOOD	APPROVALS	DATE
X	X	RELAUDE	04/06/98
X	X	XXXX	
X	X		
X	X		
X	X		

REV	DESCRIPTION	DATE	APPROVED
C	MODIFIED BILL OF MATERIAL	3/18/91	EEB
A	INITIAL RELEASE	4/06/98	RELAUDE

CONAIR METAPLAST LTD. 2075 St. Lawrence St. Unit 20  
 Tel: 905-872-2222 Fax: 905-872-2244

FILE: TABLE, TRAVELING, SUB ASS'Y  
 MSTB - LHS MODEL

REV: XXXX  
 DATE: 3/16  
 PART NO: 456-530-6905  
 SHEET: 1/1



ITEM NO.	METAPLAST PART NO.	QTY.	DESCRIPTION
61	458-530-3866	1	PLATE, RAIL, FRONT, SUPPORT
62	458-530-3867	1	PLATE, RAIL, REAR, SUPPORT
63	315-161-2051	2	CYLINDER PNEUMATIC 1 1/8 BORE X 20" STR.
64	315-161-2060	2	CLEVIS ROD MOUNT
65	315-161-2070	2	CLEVIS MALE
66		4	SCREW, SET, 5/16-18 UNC X 1/2" LG. (BLACK OXIDE)

ITEM NO.	METAPLAST PART NO.	QTY.	DESCRIPTION
1	456-510-1810	1	SUPPORT, MSW ASS'Y
2	456-530-1905	1	CLAMP ASS'Y
3	458-530-3015	8	COVER, BEARING
4	456-510-1200	8	ROLL, LATERAL
5	71216604	1	GUARD, TABLE REAR
6	71216605	1	GUARD, TABLE FRONT
7	457-530-6020	1	MOTOR MOUNTING PLATE WELB'T
8	458-530-7072	1	TABLE, TRAVELING
9	458-530-3071	1	TABLE TRAVELING EXTENSION
10	458-530-3016	1	PIN, CLAMP BLOCK
11	458-530-3519	1	BRACKET, LIMIT SWITCH
12	458-530-3839	1	GUIDE, MOTION LONG MOTOR SIDE
13	458-510-3840	2	PIN, CYLINDER 2 3/8"
14	458-530-3506	2	BLOCK, CYLINDER
15	458-530-3844	2	BLOCK, CLAMP PIVOT
16	458-530-3845	1	GUIDE, MOTION LONG
17	458-530-3848	1	BRACKET CYLINDER
18	458-530-3847	2	GUIDE, MOTION SHORT
19	X	X	X
20		1	HEX. NUT, 7/8-14 UNF
21	458-520-6850	2	WASHER, SAW BLADE
22	458-530-6851	1	SHAFT, SAW BLADE
23	X	X	SCREW, FLAT HD 82°, 1/2-13 UNC X 1 3/4" LG.
24	458-510-3853	2	BUMPER TABLE BRACKET
25	458-530-3855	1	BRACKET, LOWER CYLINDER
26	458-530-3856	1	SHAFT, MOTOR BRACKET SWING
27	315-019-2000	1	ARM, LIMIT SWITCH ADJUSTABLE
28	315-040-2029	1	BLADE, SAW, 24" X 140T X 1" DIA. X .180
29	315-080-1035	2	BEARING, BALL
30		6	RING, RETAINING, FOR 1/2" DIA. PIN
31	315-080-4008	4	RESILIENT MOUNT
32	315-080-4006	4	BEARING, LINEAR
33	315-080-5001	2	BEARING, BALL
34	315-080-5005	1	BEARING, BALL
35	315-081-3014	1	BELT, TIMING #640-8M-30
36	315-080-8010	1	TAPER LOCK BUSHING, TL1210, BORE 1 1/8"
37	315-080-8030	1	TAPER LOCK BUSHING, TL1210, BORE 1 1/4"
38	315-161-2027	1	CYLINDER, PNEU., 2" BORE X 12" STROKE
39		24	SCREW, FLAT HD 82°, 1/4-20 UNC X 3/4" LG. (NICKEL PLATED)
40		12	SCREW, FLAT HD 82°, 1/4-20 UNC X 1/2" LG. (NICKEL PLATED)
41		18	SCREW, FLAT HD 82°, 5/16-18 UNC X 1" LG. (BLACK OXIDE)
42		6	SCREW, SOCKET HD, 5/16-18 UNC X 3/4" LG. (NICKEL PLATED)
43		8	SCREW, SOCKET HD, 1/4-20 UNC X 1/2" LG. (NICKEL PLATED)
44	458-510-3540	2	BUMPER, RUBBER
45		2	SCREW, HEX HD, 1/4-20 UNC X 5/8" LG. (NICKEL PLATED)
46		2	NUT, HEX, 1/4-20 UNC (NICKEL PLATED)
47		3	SCREW, HEX HD, 5/16 UNC X 1 1/4" LG. (NICKEL PLATED)
48	315-089-3049	2	SPRCKET, #P30-8M-30-1210TL
49	X	X	X
50	315-080-4023	2	SHAFT TABLE SUPPORT #1.500" X 37.500 LG
51		1	PIN, HINTCH
52		8	WASHER, LOCK, 1/4 SCREW (NICKEL PLATED)
53		3	WASHER, LOCK, 5/16 SCREW (NICKEL PLATED)
54		1	LIMIT SWITCH, SEE ELECTRICAL BDM
55	315-012-2007	1	AC BRAKE MOTOR 5 HP, 182 TC FRAME, 1750 RPM, SEE ELEC. BDM
56		8	SCREW, FLAT HD 82°, 1/4-20 UNC X 3/4" LG. (BLACK OX)
57		4	SCREW, HEX HD, 3/8-16 UNC X 1 1/4" LG. (NICKEL PLATED)
58		4	WASHER, LOCK, 3/8 SCREW (NICKEL PLATED)
59		4	WASHER, FLAT, 3/8 SCREW (NICKEL PLATED)
60	315-161-2018	1	CLEVIS, FEMALE

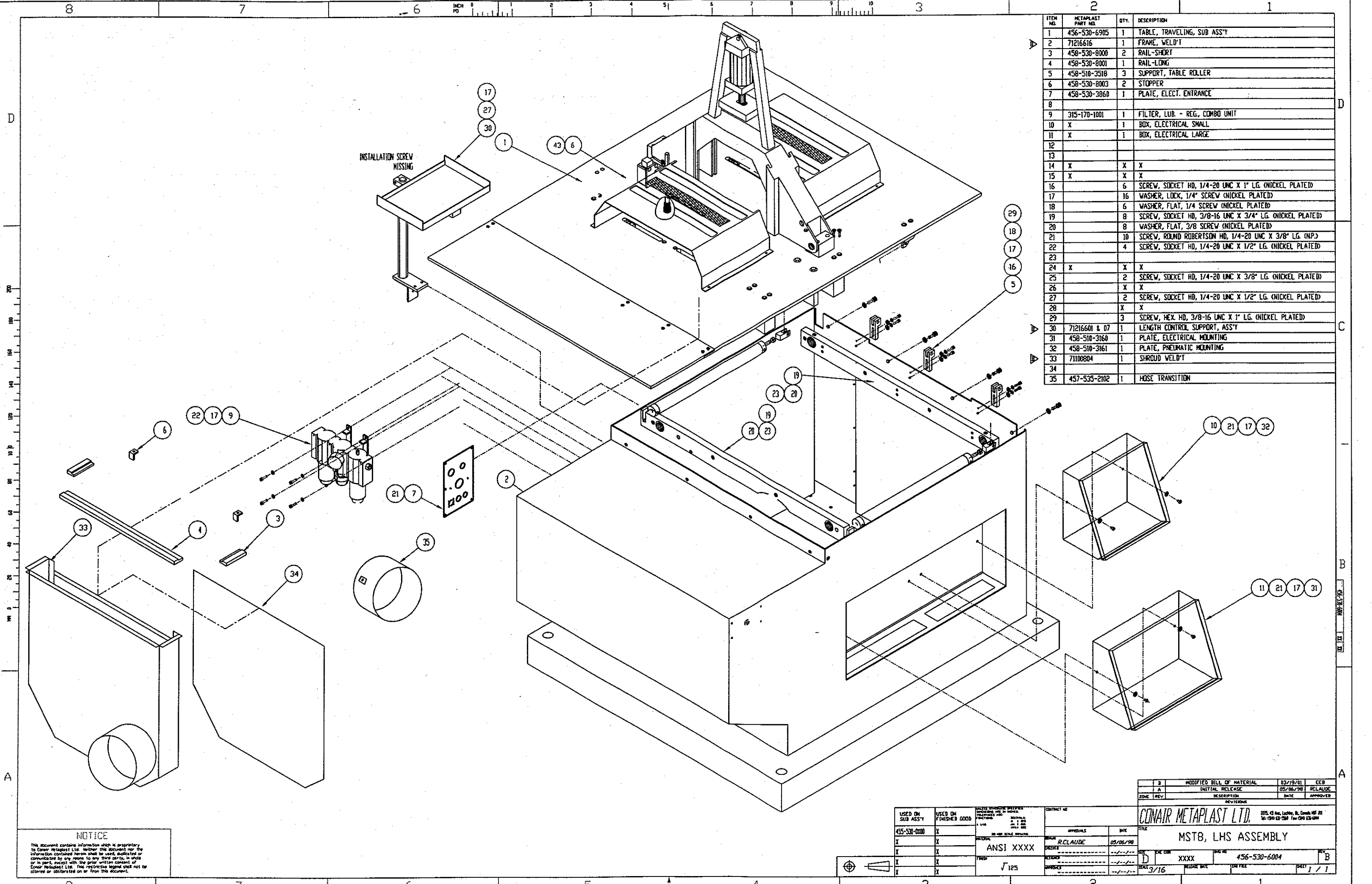
**NOTICE**  
 This document contains information which is proprietary to Conair Metaplast Ltd. Neither this document nor the information contained herein shall be used, disclosed or communicated by any means to any third party, in whole or in part, except with the prior written consent of Conair Metaplast Ltd. This restrictive legend shall not be altered or obliterated in or from this document.

USED ON SUB ASS'Y	USED ON FINISHED GOOD	APPROVALS	DATE
456-530-9000	X	R. CLAUDE	04/06/90
X	X		
X	X		
X	X		
X	X		
X	X		
X	X		
X	X		

CONAIR METAPLAST LTD. 875, Old Lane, Lough, B. Co. Wick IR 80  
 Tel: 053 937388 Fax: 053 937384

TABLE, TRAVELING, SUB ASS'Y  
 MST8 - RHS MODEL

REV. 3/16

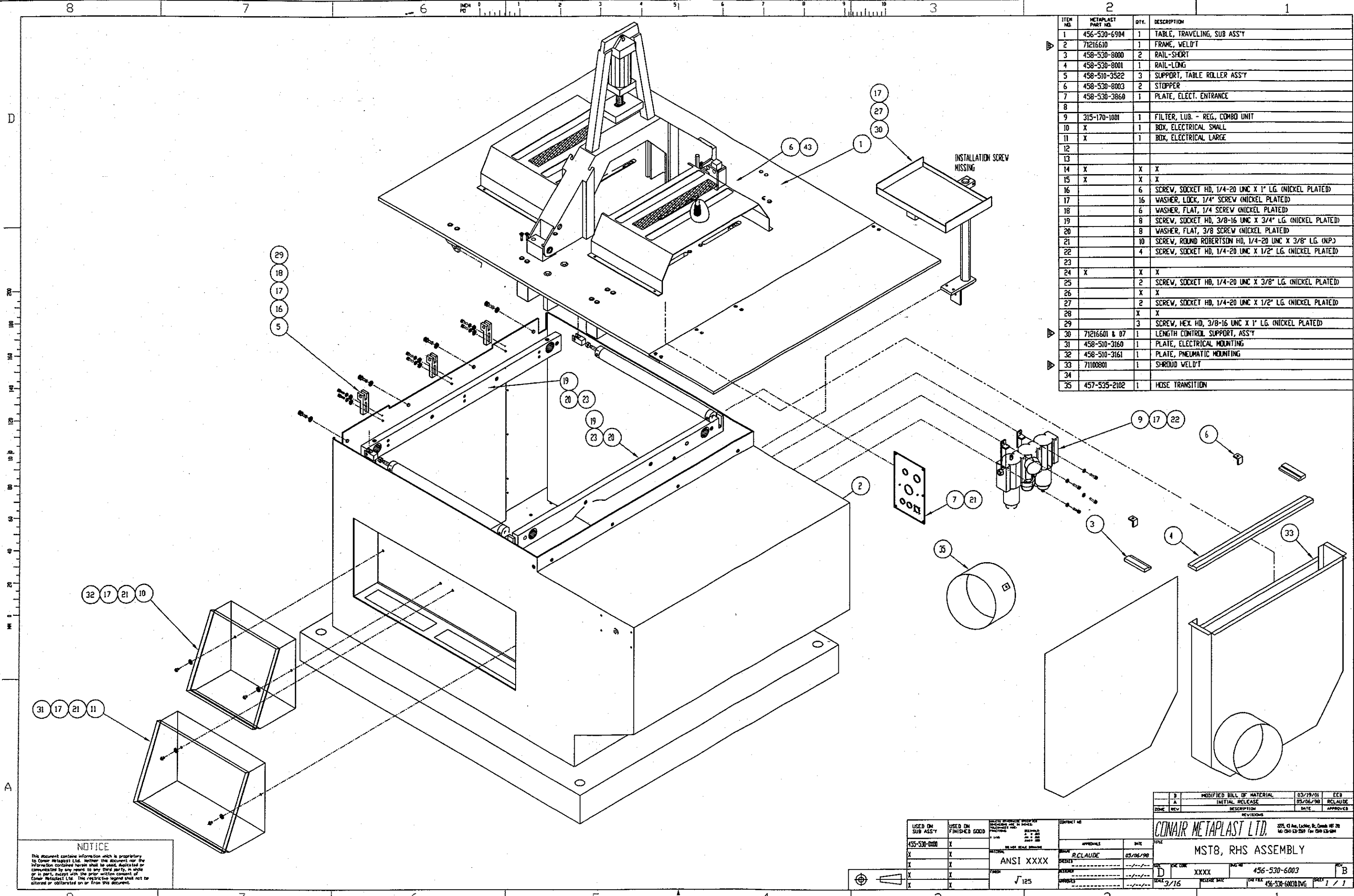


ITEM NO.	METAPLAST PART NO.	QTY.	DESCRIPTION
1	456-530-6905	1	TABLE, TRAVELING, SUB ASS'Y
2	71216616	1	FRAME, WELD'T
3	458-530-8000	2	RAIL-SHORT
4	458-530-8001	1	RAIL-LONG
5	458-510-3518	3	SUPPORT, TABLE ROLLER
6	458-530-8003	2	STOPPER
7	458-530-3860	1	PLATE, ELECT. ENTRANCE
8			
9	315-170-1001	1	FILTER, LUB. - REG. COMBO UNIT
10	X	1	BDX, ELECTRICAL SMALL
11	X	1	BDX, ELECTRICAL LARGE
12			
13			
14	X	X	X
15	X	X	X
16		6	SCREW, SOCKET HD, 1/4-20 UNC X 1" LG. (NICKEL PLATED)
17		16	WASHER, LOCK, 1/4" SCREW (NICKEL PLATED)
18		6	WASHER, FLAT, 1/4" SCREW (NICKEL PLATED)
19		8	SCREW, SOCKET HD, 3/8-16 UNC X 3/4" LG. (NICKEL PLATED)
20		8	WASHER, FLAT, 3/8" SCREW (NICKEL PLATED)
21		10	SCREW, ROUND ROBERTSON HD, 1/4-20 UNC X 3/8" LG. (NP.)
22		4	SCREW, SOCKET HD, 1/4-20 UNC X 1/2" LG. (NICKEL PLATED)
23			
24	X	X	X
25		2	SCREW, SOCKET HD, 1/4-20 UNC X 3/8" LG. (NICKEL PLATED)
26		X	X
27		2	SCREW, SOCKET HD, 1/4-20 UNC X 1/2" LG. (NICKEL PLATED)
28		X	X
29		3	SCREW, HEX. HD, 3/8-16 UNC X 1" LG. (NICKEL PLATED)
30	71216601 & 07	1	LENGTH CONTROL SUPPORT, ASS'Y
31	458-510-3160	1	PLATE, ELECTRICAL MOUNTING
32	458-510-3161	1	PLATE, PNEUMATIC MOUNTING
33	71100804	1	SHROUD WELD'T
34			
35	457-535-2102	1	HOSE TRANSITION

**NOTICE**  
 This document contains information which is proprietary to Conair Metaplast Ltd. Neither the document nor the information contained herein shall be used, disclosed or communicated by any means to any third party, in whole or in part, except with the prior written consent of Conair Metaplast Ltd. This restrictive legend shall not be altered or obliterated on or from this document.

USED ON SUB ASS'Y	USED ON FINISHED GOOD	APPROVALS	DATE
455-530-0100	X	R. CLAUDE	05/06/98
X	X		
X	X		
X	X		
X	X		

MODIFIED BILL OF MATERIAL		02/19/01	EEB
INITIAL RELEASE		05/06/98	RELAUDE
DESCRIPTION		DATE	APPROVED
REVISIONS			
CONAIR METAPLAST LTD. 225, 43 Ave. Lachry, St. Catharines, ON L2R 9K1			
MSTB, LHS ASSEMBLY			
REV	BY	DATE	REV
D	XXXX	05/06/98	B
REV	DATE	REV	DATE
3/16			



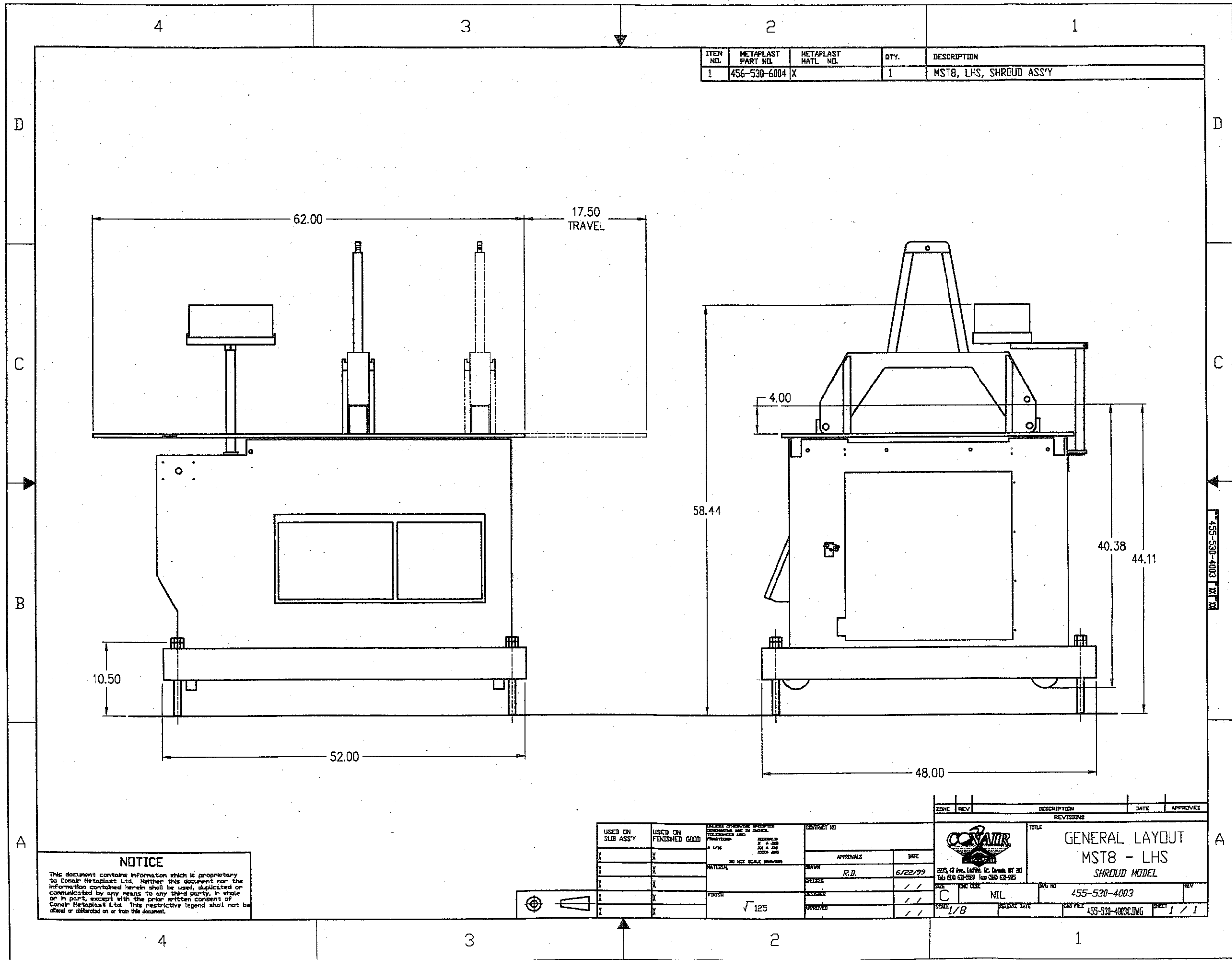
ITEM NO.	METAPLAST PART NO.	QTY.	DESCRIPTION
1	456-530-6904	1	TABLE, TRAVELING, SUB ASSY
2	71216610	1	FRAME, WELD'T
3	458-530-8000	2	RAIL-SHORT
4	458-530-8001	1	RAIL-LONG
5	458-510-3522	3	SUPPORT, TABLE ROLLER ASSY
6	458-530-8003	2	STOPPER
7	458-530-3860	1	PLATE, ELECT. ENTRANCE
8			
9	315-170-1001	1	FILTER, LUB. - REG. COMBO UNIT
10	X	1	BOX, ELECTRICAL SMALL
11	X	1	BOX, ELECTRICAL LARGE
12			
13			
14	X	X	X
15	X	X	X
16		6	SCREW, SOCKET HD, 1/4-20 UNC X 1" LG. (NICKEL PLATED)
17		16	WASHER, LOCK, 1/4" SCREW (NICKEL PLATED)
18		6	WASHER, FLAT, 1/4" SCREW (NICKEL PLATED)
19		8	SCREW, SOCKET HD, 3/8-16 UNC X 3/4" LG. (NICKEL PLATED)
20		8	WASHER, FLAT, 3/8" SCREW (NICKEL PLATED)
21		10	SCREW, ROUND ROBERTSON HD, 1/4-20 UNC X 3/8" LG. (NP.)
22		4	SCREW, SOCKET HD, 1/4-20 UNC X 1/2" LG. (NICKEL PLATED)
23			
24	X	X	X
25		2	SCREW, SOCKET HD, 1/4-20 UNC X 3/8" LG. (NICKEL PLATED)
26		X	X
27		2	SCREW, SOCKET HD, 1/4-20 UNC X 1/2" LG. (NICKEL PLATED)
28		X	X
29		3	SCREW, HEX. HD, 3/8-16 UNC X 1" LG. (NICKEL PLATED)
30	71216601 & 07	1	LENGTH CONTROL SUPPORT, ASSY
31	458-510-3160	1	PLATE, ELECTRICAL MOUNTING
32	458-510-3161	1	PLATE, PNEUMATIC MOUNTING
33	71100801	1	SHROUD WELD'T
34			
35	457-535-2102	1	HOSE TRANSITION

**NOTICE**  
 This document contains information which is proprietary to Conair Metaplast Ltd. Neither the document nor the information contained herein shall be used, copied or communicated by any person to any third party, in whole or in part, except with the prior written consent of Conair Metaplast Ltd. The restrictive legend shall not be altered or obliterated on or from this document.

USED ON SUB ASSY	USED ON FINISHED GOOD	REVISIONS	DATE	APPROVALS	DATE
X	X				
X	X				
X	X				
X	X				

REVISED BILL OF MATERIAL	03/19/01	EEB
INITIAL RELEASE	05/06/98	RELAUDE
DESCRIPTION	DATE	APPROVED
REVISIONS		
<b>CONAIR METAPLAST LTD.</b>		
<b>MST8, RHS ASSEMBLY</b>		
225, 41 Ave. Lachry, St. Catharines, ON	M1-920-23-269 Fax 920-23-268	
APPROVALS	DATE	TITLE
R. CLAUDE	05/06/98	DESIGNER
ANSI XXXX		CHECKER
√125		APPROVER
3/16		DATE
456-530-6003		REV
456-530-6003 DWG		1 / 1



ITEM NO.	METAPLAST PART NO.	METAPLAST MATL. NO.	QTY.	DESCRIPTION
1	456-530-6004	X	1	MST8, LHS, SHROUD ASS'Y

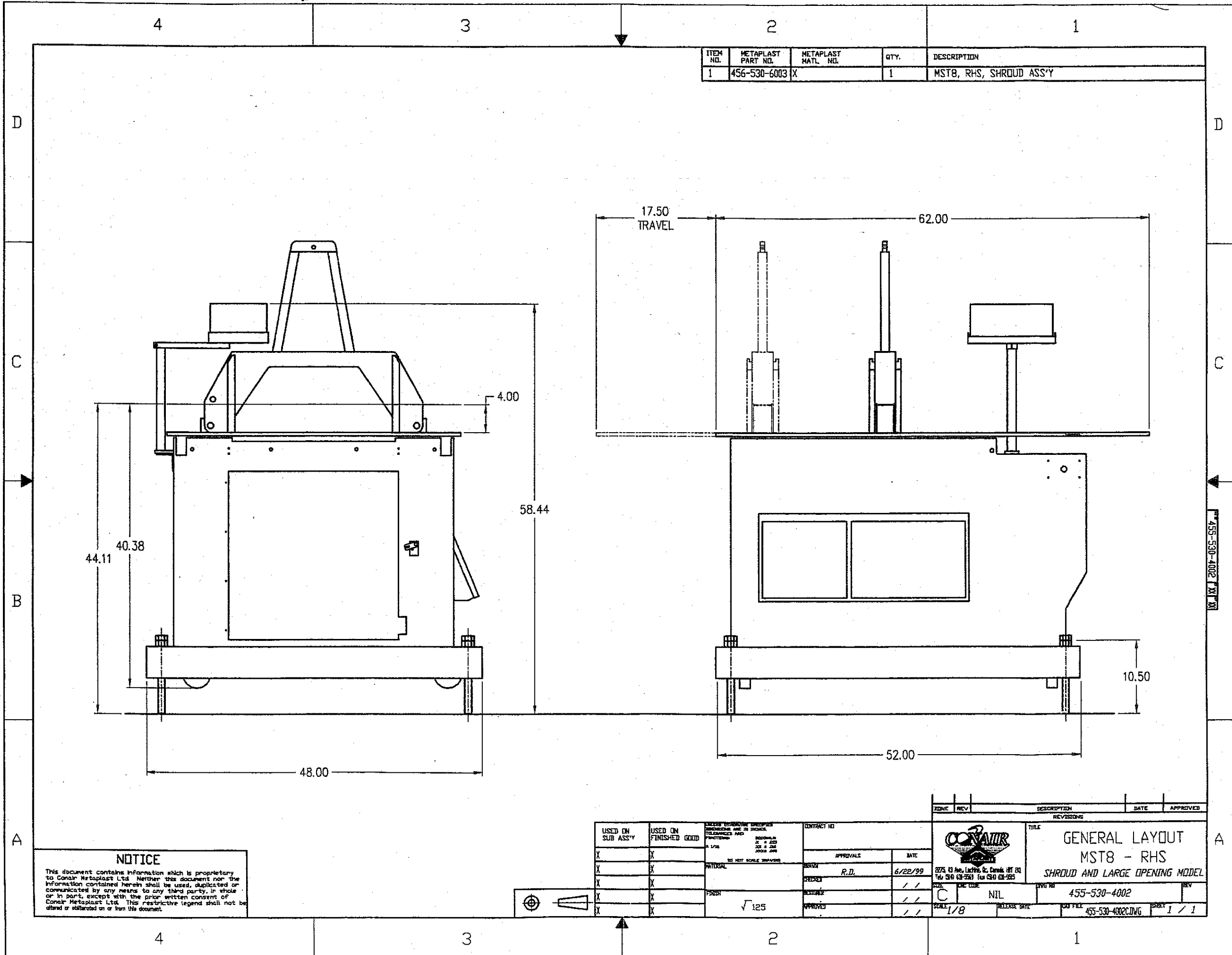
**NOTICE**  
 This document contains information which is proprietary to Conair Metaplast Ltd. Neither this document nor the information contained herein shall be used, duplicated or communicated by any means to any third party, in whole or in part, except with the prior written consent of Conair Metaplast Ltd. This restrictive legend shall not be altered or distributed on or from this document.

USED ON SUB ASS'Y	USED ON FINISHED GOOD	APPROVALS	DATE
X	X	DRW	6/22/99
X	X	CHECKER	/ /
X	X	DESIGNER	/ /
X	X	APPROVED	/ /

ZONE	REV	DESCRIPTION	DATE	APPROVED
C	1/B	NIL		

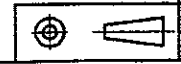
  

		<b>TITLE</b> GENERAL LAYOUT MST8 - LHS SHROUD MODEL	
2275 G Ave., Littleton, CO, Denver, CO 80120 Tel: 303 631-5531 Fax: 303 631-925		Dwg No: 455-530-4003	
SIZE: ONE CASE		SHEET: 1 / 1	
FILE: 455-530-4003C.DWG		DATE: 6/22/99	



ITEM NO.	METAPLAST PART NO.	METAPLAST MATL. NO.	QTY.	DESCRIPTION
1	456-530-6003	X	1	MST8, RHS, SHROUD ASS'Y

**NOTICE**  
 This document contains information which is proprietary to Conair Metaplast Ltd. Neither this document nor the information contained herein shall be used, duplicated or communicated by any means to any third party, in whole or in part, except with the prior written consent of Conair Metaplast Ltd. This restrictive legend shall not be altered or obliterated in or from this document.



USED ON SUB ASS'Y	USED ON FINISHED GOOD	APPROVALS	DATE
X	X		
X	X	R.D.	6/22/99
X	X		
X	X		
X	X		

ZONE	REV	DESCRIPTION	DATE	APPROVED

		<b>GENERAL LAYOUT</b> MST8 - RHS SHROUD AND LARGE OPENING MODEL	
2275 43 Ave, Lachine, Qc, Canada H7T 2J1 Tel: 514 636-5541 Fax: 514 636-5535	TITLE: GENERAL LAYOUT MST8 - RHS SHROUD AND LARGE OPENING MODEL	DWG NO: 455-530-4002	SHEET: 1 / 1
SCALE: 1/8	RELEASE DATE:	Dwg File: 455-530-4002C.DWG	SHEET: 1 / 1