MANUAL OVERRIDE BUTTON
SOLENOID ACTUATED
AIR PILOT

H INDICATES HALL EFFECT SENSOR

INDICATES REED SWITCH

E P E ALL DIRECTIONAL CONTROL VALVES ARE MOUNTED TO MANIFOLD.
'E'=MANIFOLD EXHAUST PORTS
'P'=MANIFOLD PRESSURE PORTS

TEC UNLOCK

SENSORS DETECT MAGNETS ON BACKBONE

RED 1/4"

BLK 1/4"

H MAGNETS LOCKED TO BACKBONE

H MAGNETS NOT LOCKED TO BACKBONE

TEC UNLOCK

TABLE

TABLE DOWN

TABLE UP

RED 5/32"

BLK 5/32"

TABLE

BLACK=EXTEND=TABLE UP

RED=RETRACT=TABLE DOWN

TABLE

AIR JET

ADDITIONAL WHISKER JET FOR ABLATIVE MEDIA (DEBRIS REMOVAL) APPLICATION

THERMAL WHISKER JET

RED 5/32"

BALANCE WEIGHT 1

BALANCE WEIGHT 1

MOTOR (AWAY) SIDE

RED 5/32"

BLK 5/32"

H BLACK=DISENGAGE PIN POSITION OF WEIGHT FIXED

H RED=ENGAGE PIN POSITION OF WEIGHT CHANGING

BALANCE WEIGHT

BALANCE WEIGHT 2

BALANCE WEIGHT 2

ENCODER (HOME) SIDE

RED 5/32"

BLK 5/32"

H BLACK=DISENGAGE PIN POSITION OF WEIGHT FIXED

H RED=ENGAGE PIN POSITION OF WEIGHT CHANGING

BALANCE WEIGHT

LEC RETRACT

LEC RETRACT

BLACK=EXTEND LEC CLAMPS OPEN

RED=RETRACT LEC CLAMPS CLOSED

RED 5/32"

BLK 5/32"

BLACK=EXTEND LEC CLAMPS OPEN

RED=RETRACT LEC CLAMPS CLOSED

LEC RETRACT

TEC RETRACT

30–31 PSI

RED 1/4"

BLK 1/4"

BLUE 5/32"

D

TEC RETRACT

ENCODER (HOME) SIDE

RED=RETRACT TEC CLAMPS ON DRUM

BLACK=EXTEND TEC CLAMPS OFF DRUM

MOTOR (AWAY) SIDE

RED=RETRACT TEC CLAMPS ON DRUM

BLACK=EXTEND TEC CLAMPS OFF DRUM

TEC RETRACT

ROLLER

55–60 PSI

RED 1/4"

BLK 1/4"

BLUE 5/32"

D

ROLLER

ENCODER (HOME) SIDE

BLACK=EXTEND ROLLER OFF DRUM

RED=RETRACT ROLLER ON DRUM

ROLLER

BLACK=EXTEND ROLLER OFF DRUM

RED=RETRACT ROLLER ON DRUM

MOTOR (AWAY) SIDE

TABLE VACUUM

VACUUM SENSOR

VACUUM GENERATOR

BLK 5/32"

DUAL FUNCTION PUFFER–VACUUM PORTS (2X) ON TABLE

C

PLATE EXIT DOOR

PLATE EXIT DOOR

RED 5/32"

BLK 5/32"

BLACK=EXTEND PLATE DOOR OPEN

RED=RETRACT PLATE DOOR CLOSED

BLACK=EXTEND PLATE DOOR OPEN

RED=RETRACT PLATE DOOR CLOSED

PLATE EXIT DOOR

BLK 1/2"

A BLACK 3/8" BULKHEAD TS–VLF AIR SUPPLY

B BLACK 1/2" PICKER AIR SUPPLY

BLACK 1/2"

MAIN (10 POSITION) MANIFOLD

A BLACK 3/8" BULKHEAD TS–VLF AIR SUPPLY

B BLACK 1/2" PICKER AIR SUPPLY

BLACK 1/2"

1/4 TURN SHUT–OFF

D

PRESSURE SENSOR

BLK 5/16"

BLACK 1/2"

FILTER REGULATOR UNIT

SET 80 PSI

COALESCING FILTER ACTIVATED CARBON

COALESCING FILTER 0.01 MICRON

PARTICLE FILTER & WATER SEPARATOR 5 MICRON

MANUAL DRAIN

AUTO DRAIN OUTSIDE M/C

BLK 1/2"

AIR SUPPLY MAX 120 PSI (8 BAR)

REFERENCE: FOR INFORMATION ON FILM OR AUTOLOADER OPTION, SEE SHEET 2.

NOTES:

01 TEXT INDICATES LABEL PLACED ON COMPONENT.

REV	ECO	DATE	DRAWING CHANGES BY	APPROVED BY
D	E286	2001: JULY: 17	R. BAGGETT	R. BAGGETT
C	D501	2001: JAN: 15	A VRINCEANU	D WAGNER/D MACKAY

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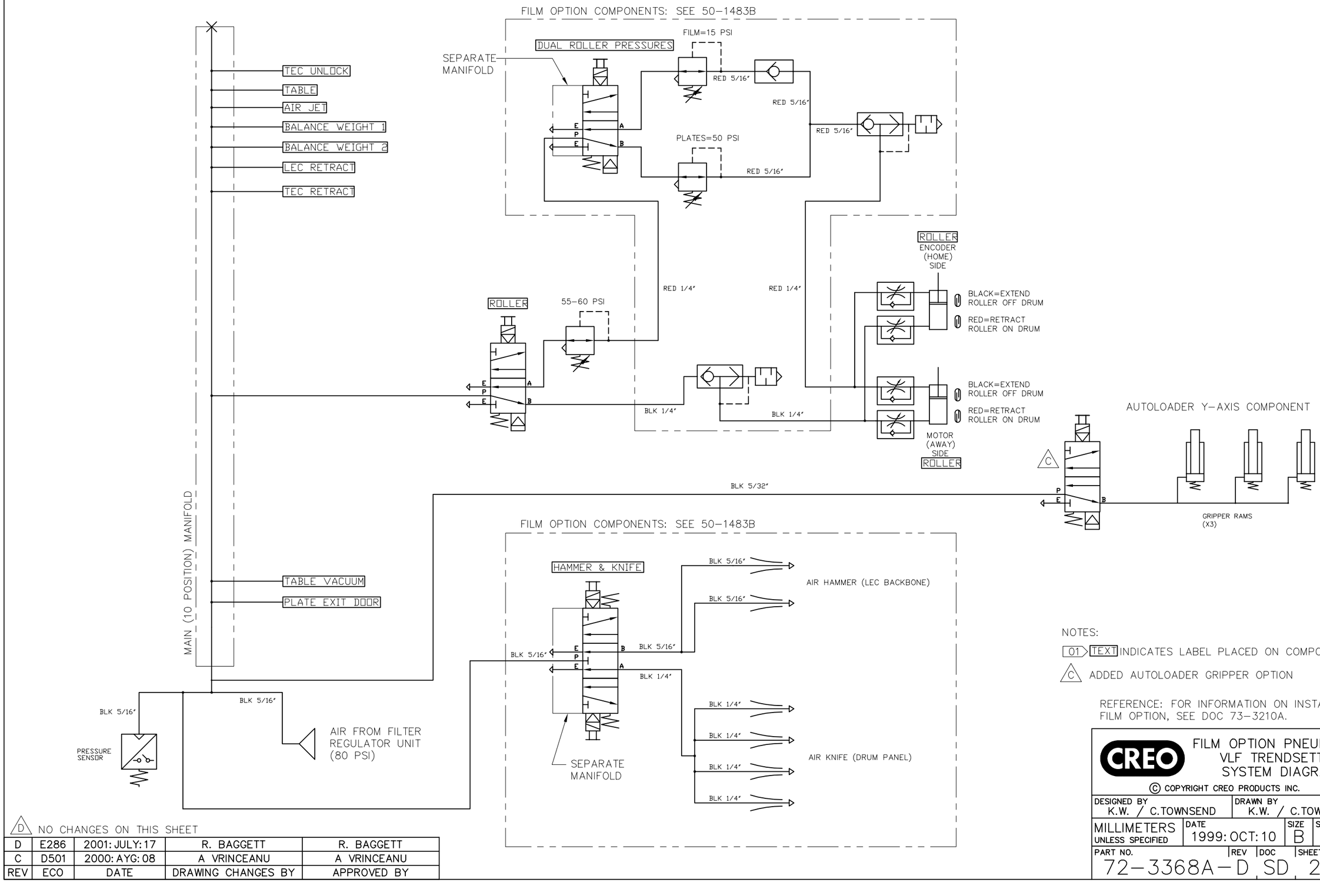
BASE PNEUMATIC SYSTEMS VLF TRENDSETTER SYSTEM DIAGRAM

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DESIGNED BY	DRAWN BY
K.W. / C.TOWNSEND	K.W. / C.TOWNSEND

MILLIMETERS UNLESS SPECIFIED	DATE	SIZE	SCALE
	1999: OCT: 10	B	N/A

PART NO.	REV	DOC	SHEET	OF
72–3368A–D		SD	1	2



NOTES:

01 TEXT INDICATES LABEL PLACED ON COMPONENT.

C ADDED AUTOLOADER GRIPPER OPTION

REFERENCE: FOR INFORMATION ON INSTALLING FILM OPTION, SEE DOC 73-3210A.

D NO CHANGES ON THIS SHEET

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D	E286	2001: JULY: 17	R. BAGGETT	R. BAGGETT
C	D501	2000: AYG: 08	A VRINCEANU	A VRINCEANU

CREO

FILM OPTION PNEUMATICS VLF TRENDSETTER SYSTEM DIAGRAM

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DESIGNED BY	DRAWN BY			
K.W. / C.TOWNSEND	K.W. / C.TOWNSEND			
MILLIMETERS UNLESS SPECIFIED	DATE: 1999: OCT: 10	SIZE: B	SCALE: N/A	
PART NO.	REV	DOC	SHEET	OF
72-3368A-D		SD	2	2