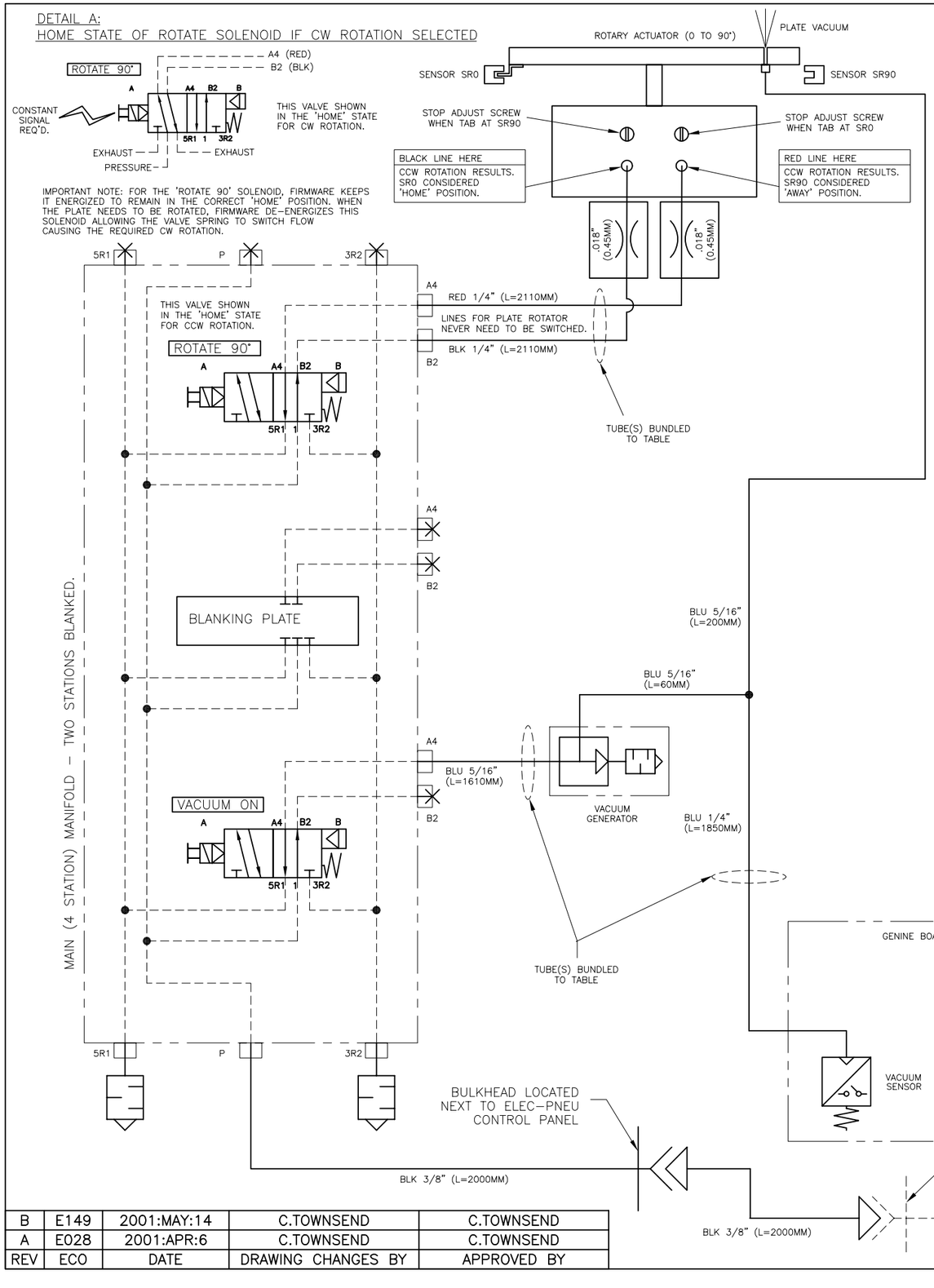


MANUAL OVERRIDE BUTTON
SOLENOID ACTUATED
AIR PILOT

INDICATES OPTICAL INTERUPTOR SWITCH

PLATE ROTATION

FIRMWARE PARAMETERS ALLOW CW (CVIN=4) AND CCW (CVIN=5) ROTATION FOR RS CONVEYORS. CURRENT MAX PLATE SIZE CAN ROTATED EITHER WAY.

HOWEVER, ENGINEERING WISHES TO STANDARDIZE ALL RS-CONVEYORS WITH CCW ROTATION. IF CW ROTATION IS SELECTED, REFER TO DETAIL A CONCERNING HOME STATE.

THE AIR LINES AT THE MANIFOLD AND ROTATOR SHOULD ALWAYS BE CONNECTED TO PORTS AS SHOWN.

REGARDLESS OF AUTOLOADER CONFIGURATION OR PLATE ROTATION, THE SR0 SENSOR CABLE IS CONNECTED TO SENSOR 'SR0' AND THE SR90 CABLE IS CONNECTED TO SENSOR SR90. FIRMWARE DECIDES WHERE THE POSITIONS OF 'HOME' AND 'AWAY' SHALL BE.

REFER TO SEPARATE WIRING DIAGRAM (72-3528A).

TABLE UP-DOWN

THE TABLE DOES NOT MOVE ON THE RS-CONVEYOR. THE PNUEMATIC MANIFOLD IS COMMON TO THE L-CONVEYOR EXCEPT UP-DOWN VALVE IS REMOVED. TABLE CYLINDERS AND ALL RELATED PNUEMATIC PLUMBING IS ALSO REMOVED.

REV NOTES:

REV A= RELEASED FOR PRODUCTION. REVISED NOTES CONCERNING FIRMWARE FEATURE. ADDED DETAIL REGARDING HOME STATE OF VALVE FOR CW ROTATION.

REV B= REPLACED 0.4 'FREE FLOW RETURN' CHOKES WITH .018" FIXED TYPES AT ROTATOR. THIS CHANGE PREVENTS UNCONTROLLED RAPID MOTION WHEN SYSTEM AIR TURNED ON AND ROATOR HAS BEEN SITTING IN THE 'AWAY' POSITION. ADDED FIRMWARE PARAMETERS FOR CW AND CCW ROTATION AS REFERENCE.

REV	ECO	DATE	DRAWING CHANGES BY	APPROVED BY
B	E149	2001:MAY:14	C.TOWNSEND	C.TOWNSEND
A	E028	2001:APR:6	C.TOWNSEND	C.TOWNSEND

CREO

PNEUMATIC SYSTEM RS-CONVEYOR, VAL SYSTEM DIAGRAM

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DESIGNED BY	DRAWN BY			
D.MACKAY/C.TOWNSEND	C.TOWNSEND			
MILLIMETERS UNLESS SPECIFIED	DATE 2001:MAR:15	SIZE B	SCALE N/A	
PART NO.	REV	DOC	SHEET	OF
72-3527A-B		SD	1	1