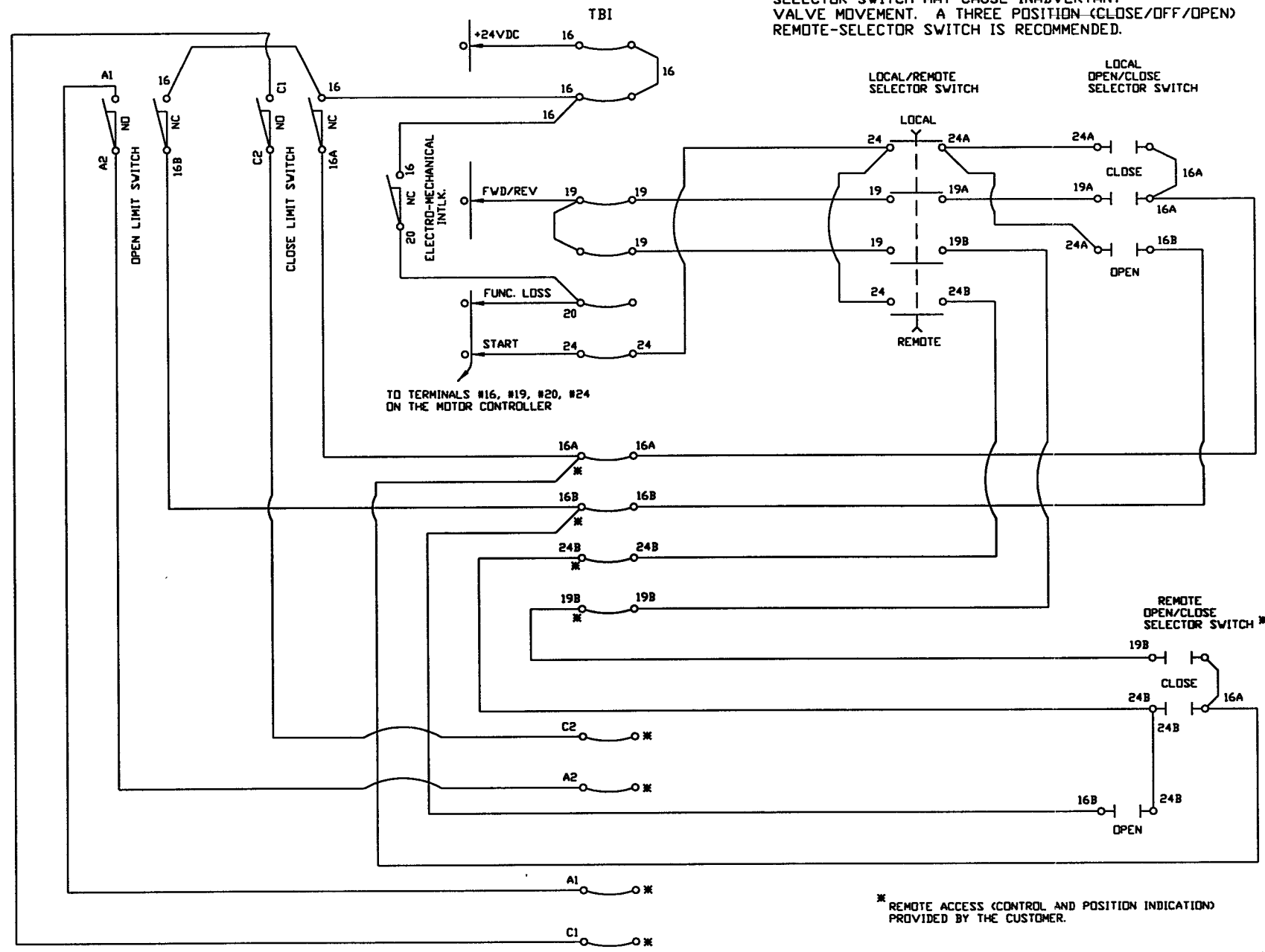


REVISIONS

REV.	DESCRIPTION	APPROVED	DATE
A	RELEASED	PRD	11-22-96

LIGO ELECTRIC VALVE CONTROL CIRCUIT SCHEMATIC

CAUTION: REPOSITIONING OF THE LOCAL/REMOTE SELECTOR SWITCH MAY CAUSE INADVERTANT VALVE MOVEMENT. A THREE POSITION (CLOSE/OFF/OPEN) REMOTE-SELECTOR SWITCH IS RECOMMENDED.



INSTRUCTIONS / NOTES

INSTALL A JUMPER BETWEEN TERMINALS #23 AND #24 ON THE MOTOR CONTROLLER.

MOTOR DIRECTION OF ROTATION SHOULD BE VERIFIED PRIOR TO OPERATION. ORIENTATION OF 3Ø POWER LEADS TO THE CONTROLLER MAY AFFECT OPEN AND CLOSE OPERATIONS.

WIRING FROM THE TERMINAL BOARD (TBI) TO THE REMOTE CONTROL SWITCH AND TO REMOTE POSITION INDICATION IS PROVIDED BY THE CUSTOMER.

THE CONTROLLER IS PROGRAMMED FOR REMOTE, MANUAL, AND SPEED CONTROL OPERATION. SEE THE RELIANCE SOFTWARE OPERATIONS MANUAL FOR INSTRUCTIONS.

A FUNCTION LOSS (FL) SIGNAL (ACTIVATION OF THE MECHANICAL INTERLOCK) REQUIRES EITHER A LOCAL CONTROLLER RESET OR REMOTE RS-232 CONTROLLER RESET TO ALLOW SUBSEQUENT OPERATION OF THE VALVE.

THE TERMINAL BOARD (TBI) DOES NOT PROVIDE ACCESS TO ALL AVAILABLE-CONTROLLER FEATURES.

* REMOTE ACCESS (CONTROL AND POSITION INDICATION) PROVIDED BY THE CUSTOMER.

DEC 19 1996

LIGO-D961692-A-V
 PENDING # 1049-8-574

ITEM	QTY.	PART NO.	DESCRIPTION
PART LIST			MATERIAL SPECIFICATION: N/A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMALS ANGLES FINISH .XX ± .01 ± 1° 32/ .XXX ± .005		CONTRACT OR SALES ORDER NO.	
UNSPECIFIED FILETS: R.015 BREAK EDGES .010 ± .45° REMOVE ALL BURRS		APPROX. WT.	
THIRD ANGLE PROJECTION		APPROVALS DATE	
DO NOT SCALE DRAWING		DRAFTER PRD	11-22-96
CADD FILE NAME		CHECKER	
		ENGINEER	
GNB Corporation SCIENTIFIC AND INDUSTRIAL EQUIPMENT 30971 San Benito Ct. HAYWARD, CALIFORNIA 94544 (510) 441-1900 FAX: (510) 441-0939			TITLE
			SCHEMATIC, LIGO ELECTRIC VALVE CONTROL CURCUIT
DWG. NO. 103802			REV. A
SCALE: NONE			SHEET 1 OF 1

N/A
 USED ON

B103802A