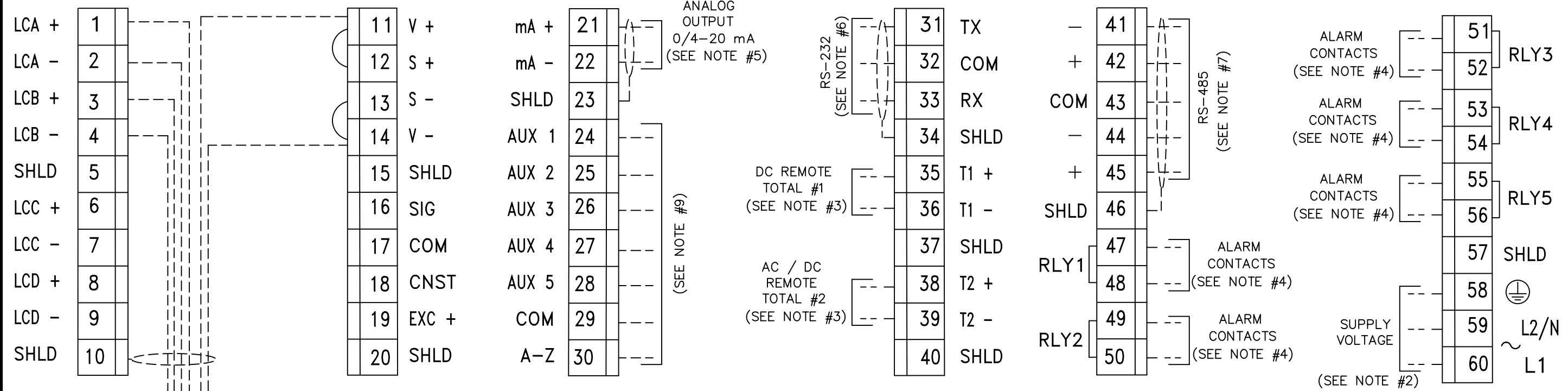


NOTES:

- 1) — WIRED BY SIEMENS MILLTRONICS
 - - WIRED BY CUSTOMER
- 2) POSITION SW2 FOR 100/115/200/230 VAC OPERATION , 50/60 HZ , 31 VA
- 3) TOTAL #1 RATING 100 mA @ 24 VDC
 USE 2 CONDUCTOR #18 AWG SHIELDED CABLE
 TOTAL #2 RATING 100 mA @ 250 V DC OR AC
- 4) ALARM CONTACTS RATED AT 5A @ 250 VAC, NON-INDUCTIVE
- 5) FOR ANALOG OUTPUT/INPUT, USE 2 CONDUCTOR #18 AWG SHIELDED CABLE.
- 6) FOR RS-232 USE 3 CONDUCTOR #22 AWG SHIELDED CABLE UP TO 15m (50 FT).
- 7) FOR RS-485 USE 4 CONDUCTOR (2 TWISTED PAIR) #18 AWG OR EQUIVALENT UP TO 3000m (10,000ft) LOOP.
- 8) USE 4 CONDUCTOR #20 AWG SHIELDED CABLE FOR THE LVDT CONDITIONER CARD OR SINGLE LOAD CELL CONNECTIONS LESS THAN 150M (500ft).
 FOR CABLE RUNS OF 150m TO 300m USE 6 CONDUCTORS TO ALLOW CONNECTION OF V- TO S- AND V+ TO S+ AT LVDT CONDITIONER CARD OR LOAD CELL JUNCTION BOX AND REMOVE TERMINAL BLOCK JUMPERS.
 FOR DUAL LOAD CELL APPLICATION, USE 2 MORE CONDUCTORS IN EACH OF THE ABOVE SITUATIONS.
- 9) FOR AUX INPUT AND AUTO ZERO USE 2 CONDUCTOR #18 AWG SHIELDED CABLE TO REMOTE CONTACT. CONNECTION OF TERMINALS 29 TO 30 WILL CAUSE SELF INITIATED AUTOMATIC ZERO WITH NO FLOW SITUATION.
- 10) FOR FURTHER DETAILS AND EXPLANATION, PLEASE REFER TO THE INSTRUCTION MANUAL.



TO LVDT CONDITIONER CARD OR LOAD CELLS (SEE NOTE #8)

TB1 TERMINAL BLOCKS SHOWN SEPARATED FOR CLARITY

- ALL FIELD WIRING MUST HAVE INSULATION SUITABLE FOR AT LEAST 250 V.
- SEE INSTRUCTION MANUAL FOR PROPER OPERATION.

1	ADD SIEMENS TO COMPANY NAME, ADD MILLTRONICS TO PRODUCT NAME PER ECN 2003-0292	RPC	PTR	FEB 25/2004
0	FOR RELEASE	RPC	RDC	NOV 03/00
Rev.	Revision / ECN Description	Drawn	Appr.	Date
Third Angle Projection 		Product Group MASS DYNAMICS	Tolerance Unless Otherwise Noted: 1 Place Decimal ± 0.03 2 Place Decimal ± 0.01 3 Place Decimal ± 0.002	Scale: NTS
Date: 03 NOV 2000 Drawn: R. CLYSDALE Checked: P. RICCI Approved: R. CLOSS Location: PETERBOROUGH		TITLE: MILLTRONICS SF500 WITH OPTIONS CUSTOMER CONNECTION DRAWING		
SIEMENS MILLTRONICS PROCESS INSTRUMENTS INC. Peterborough, Ontario, Canada		DRAWING No: 23650164		Rev. 1
File No.	2365016401	Plot at:	1=1	Sheet 1 Of 1

For Public Release