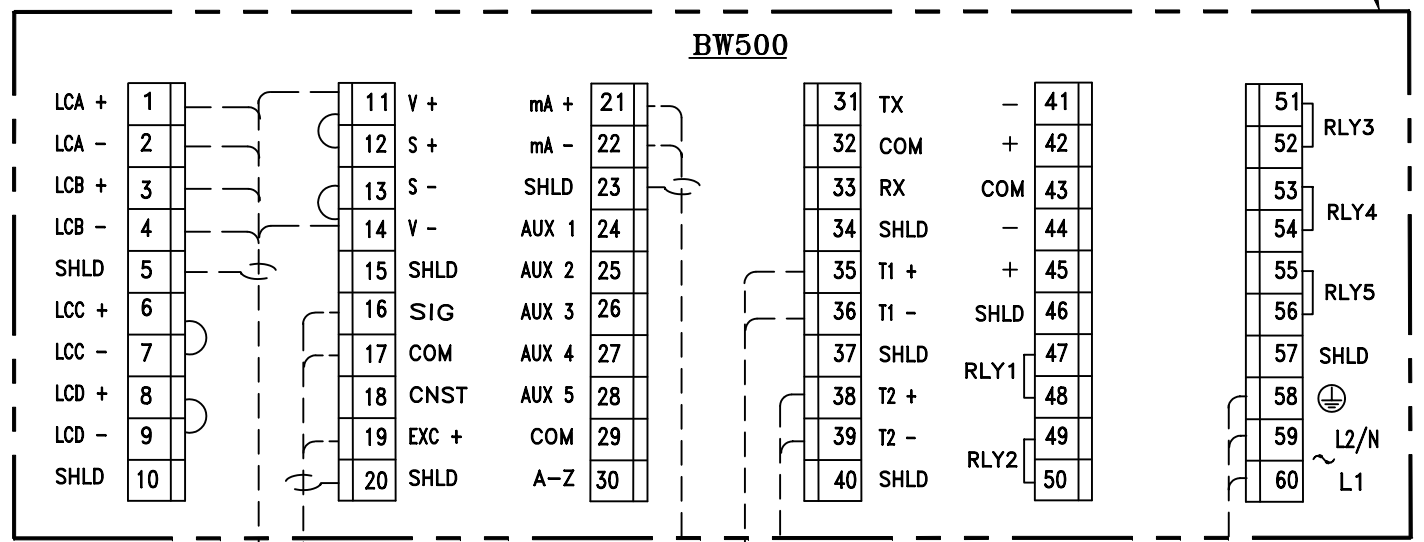
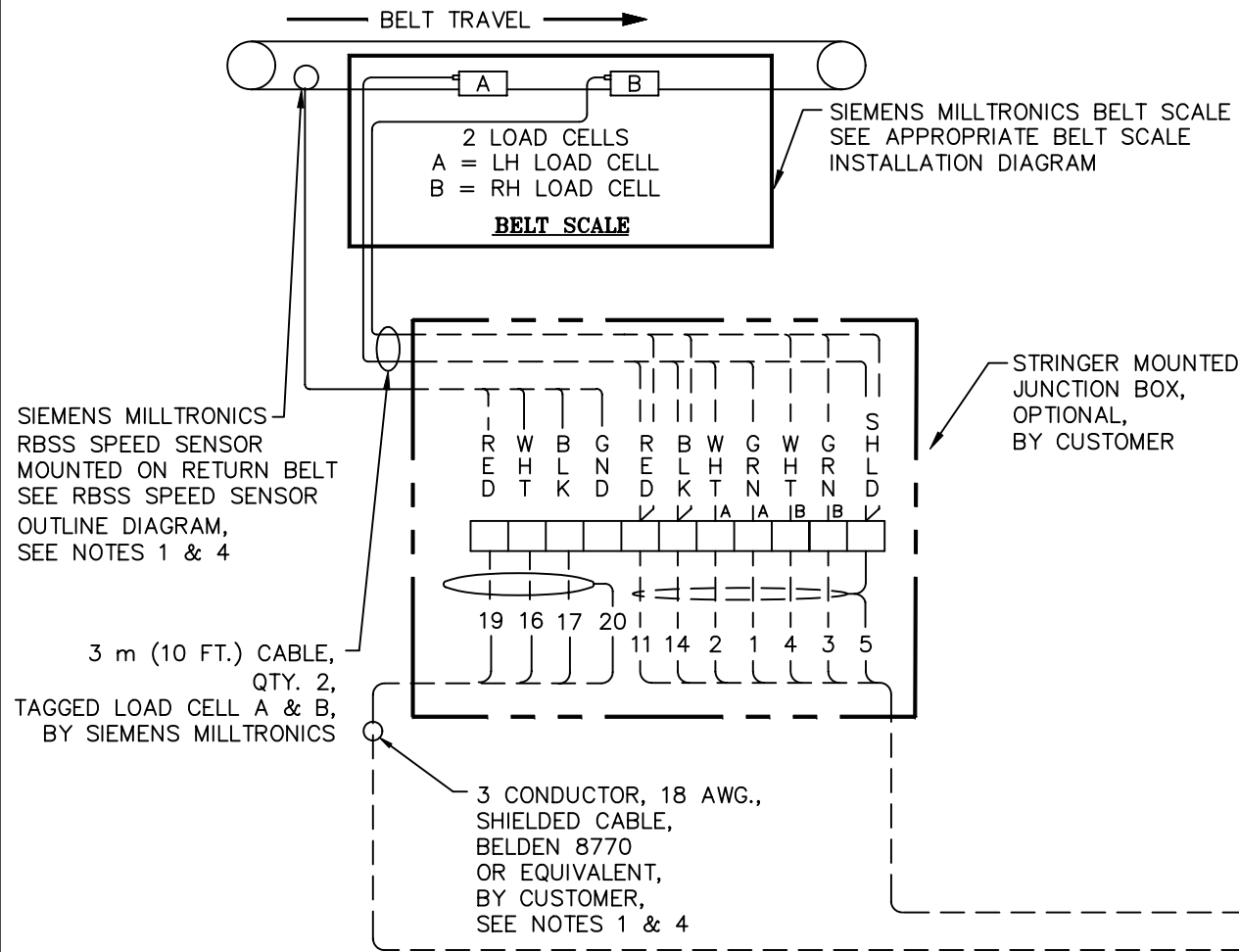


CONVEYOR MOUNTED ← → CONVEYOR OR REMOTE MOUNTED



SEE INSTRUCTION MANUAL FOR PROPER OPERATION.

SIEMENS MILLTRONICS BW500, SEE BW500 INSTALLATION DIAGRAM



2 CONDUCTOR, 18 AWG., SHIELDED CABLE, BELDEN 8760 OR EQUIVALENT, BY CUSTOMER

6 CONDUCTOR, 20 AWG., SHIELDED CABLE, BELDEN 9260 OR EQUIVALENT, BY CUSTOMER, SEE NOTES 1 & 2

ISOLATED 0/4 - 20 mA OUTPUT, 750 OHMS MAX. LOAD DO NOT GROUND! SEE NOTES 1 & 5

SOLID STATE CONTACT DC REMOTE TOTALIZER, #1 SEE NOTES 1 & 6

SOLID STATE CONTACT AC/DC REMOTE TOTALIZER, #2 SEE NOTES 1 & 6

POSITION SW2 FOR 100/115/200/230 V ~ ± 10% OPERATION 50/60 Hz, 31 VA, SEE NOTES 1 & 3

**NOTES:**

- 1) ——— DENOTES WIRING BY SIEMENS MILLTRONICS.  
 - - - - - DENOTES WIRING BY CUSTOMER.  
 CUSTOMER TO REMOVE APPLICABLE JUMPERS.  
 ALL WIRING MUST BE DONE IN CONJUNCTION WITH APPROVED CONDUIT, BOXES AND FITTINGS AND TO PROCEDURES IN ACCORDANCE WITH ALL GOVERNING REGULATIONS.  
 ALL SIGNAL WIRE MUST BE RUN IN SEPARATE CONDUIT FROM CONTROL WIRES.
- 2) FOR CABLE RUNS OVER 150 m (500 FT.) USE 8 CONDUCTOR, 20 AWG, SHIELDED BELDON 8418 OR EQUIVALENT, REMOVE THE JUMPERS ON THE BW500 TERMINALS 11 / 12 AND 13 / 14.  
 RUN ADDITIONAL WIRES FROM:  
 BW500 TERMINAL 12 TO STRINGER MOUNTED JUNCTION BOX AND TERMINATE WITH LOAD CELL RED WIRE.  
 BW500 TERMINAL 13 TO STRINGER MOUNTED JUNCTION BOX AND TERMINATE WITH LOAD CELL BLACK WIRE.
- 3) SELECT CORRECT VOLTAGE VIA SELECTOR SW2, BY CUSTOMER.
- 4) REMOVE JUMPER TB1-17 TO TB1-18, ON THE MILLTRONICS BW500, WHEN CONNECTING A SPEED SENSOR.
- 5) ANALOG OUTPUT WIRING MUST ENTER THE ENCLOSURE AS NEAR AS POSSIBLE TO THE ANALOG OUTPUT TERMINALS 21 & 22. KEEP WIRING AS SHORT AS POSSIBLE. DO NOT ROUTE CABLE ALONG TERMINAL BLOCK. GROUND SHIELD ONLY AT TB1-23.
- 6) TOTALIZER #1 RATING: 100 mA @ 24 VDC, USE 2 CONDUCTOR #18 AWG., SHIELDED CABLE.  
 TOTALIZER #2 RATING: 100 mA @ 250V AC OR DC.
- 7) FOR FURTHER INFORMATION REFER TO THE BW500, THE RBSS SPEED SENSOR, OR APPROPRIATE BELT SCALE INSTRUCTION MANUAL OR CONTACT THE NEAREST SIEMENS MILLTRONICS REPRESENTATIVE.

USE DIMENSIONS ONLY - DO NOT SCALE		0	FOR RELEASE		RPC	RDC	MAY 05/2004
DIMENSIONS ARE IN MILLIMETERS		Rev.	Revision / ECN Description		Drawn	Appr.	Date
Third Angle Projection 	Product Group	MASS DYANMICS		Tolerance Unless Otherwise Noted:	UOS	Scale:	Size:
	Date:	05/05/2004		1 Place Decimal N/A	Angles: N/A	NONE	B
<b>For Public Release</b>	Drawn:	R. CLYSDALE		TITLE:		BW500 WITH 2 LOADCELL BELT SCALE & RBSS SPEED SENSOR INTERCONNECTION DIAGRAM	
	Checked:	P. RICCI		DRAWING No:		23650554	
	Approved:	R. CLOSS		Rev.		0	
	Location:	PETERBOROUGH		File No.	2365055400	Plot at:	1:1