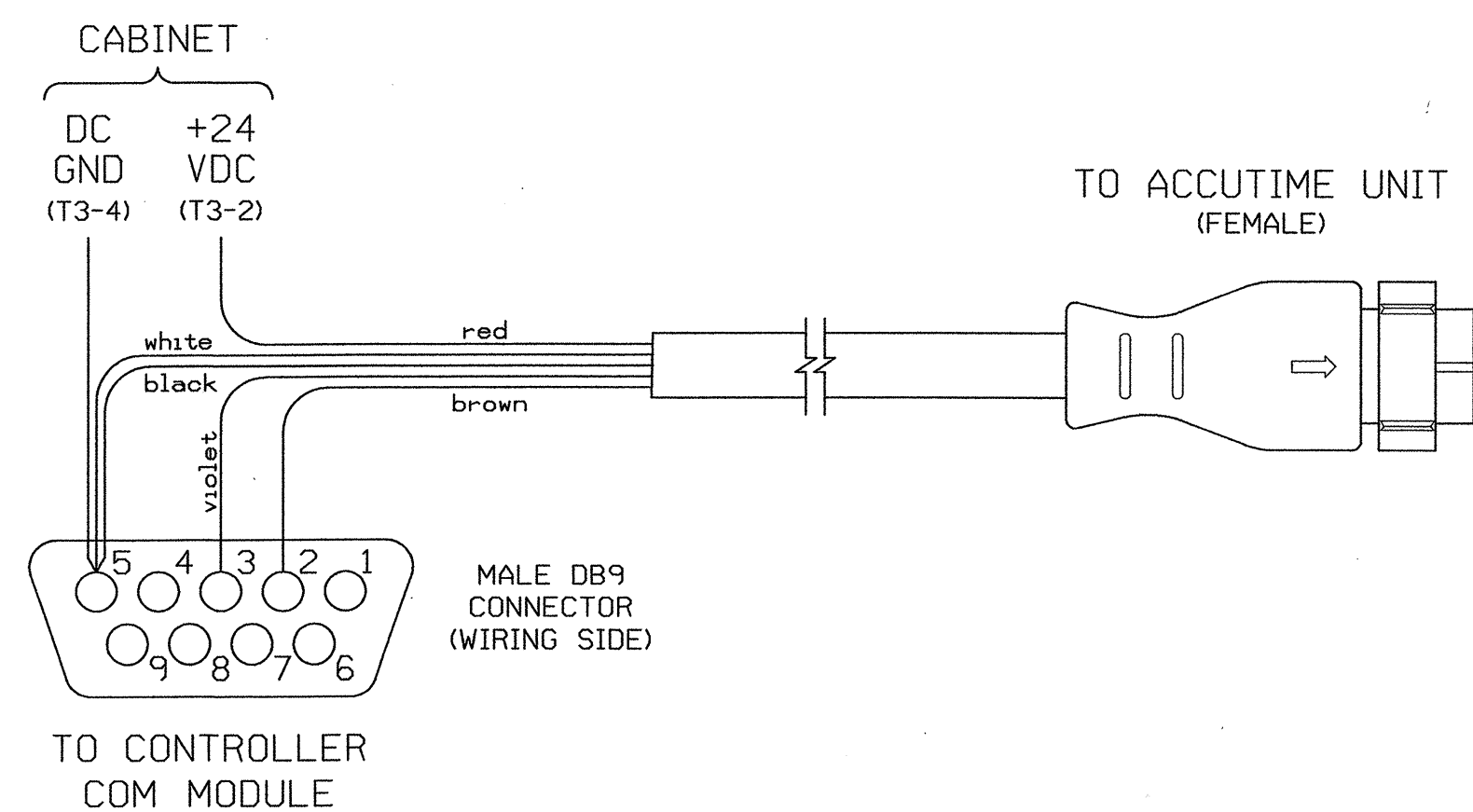


**CONNECTOR WIRING DETAIL FOR ACCUTIME 2000
WITH RS232 INTERFACE**
(make connections as shown)



SIGNAL DESCRIPTION	12 CONDUCTOR CABLE COLOR	ACCUTIME CONNECTOR	DB9 TO CONTROLLER	CABINET CONNECTION
DC POWER	RED	PIN 1		T3-2
PORT B: RECEIVE	VIOLET	PIN 2	PIN 3	
PORT B: TRANSMIT	BROWN	PIN 4	PIN 2	
PORT A: RECEIVE	WHITE	PIN 6	PIN 5	
DC GROUND	BLACK	PIN 9	PIN 5	T3-4

NOTE: ALL OTHER WIRES IN THE ACCUWAVE CABLE ARE UNUSED AND SHOULD BE TIED OFF.

THE COM PORT USED BY THE ACCUTIME UNIT NEEDS TO BE CONFIGURED IN THE OASIS SOFTWARE USING THE SETTING BELOW:

- * TRIMBLE TSIP GPS PROTOCOL
- * 9600 BAUD
- * 8 DATA BITS
- * 1 STOP BIT
- * ODD PARITY

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 03-0076
DESIGNED: OCTOBER 2003
SEALED: 12/11/2003
REVISED: TBD

SEPI ENGINEERING GROUP
2300 Rexwoods Drive
Suite 370
Raleigh, NC 27607
Tel: 919-789-9977 Fax: 789-9591

ELECTRICAL AND PROGRAMMING DETAILS FOR:
Prepared for the Offices of:

122 N. McDowell St., Raleigh, NC 27603

US 17 (MARKET STREET)
AT
SR 1403 (MIDDLE SOUND LOOP ROAD)
DIVISION 03 NEW HANOVER COUNTY WILMINGTON
PLAN DATE: NOVEMBER 2003 REVIEWED BY: J O DEATON
PREPARED BY: M W YALCH REVIEWED BY:
REVISIONS INIT. DATE
INIT. DATE

SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER
SEAL 07438
ENGINEER JAMES O. DEATON

DATE 12/16/03
SIG. INVENTORY NO. 03-0076