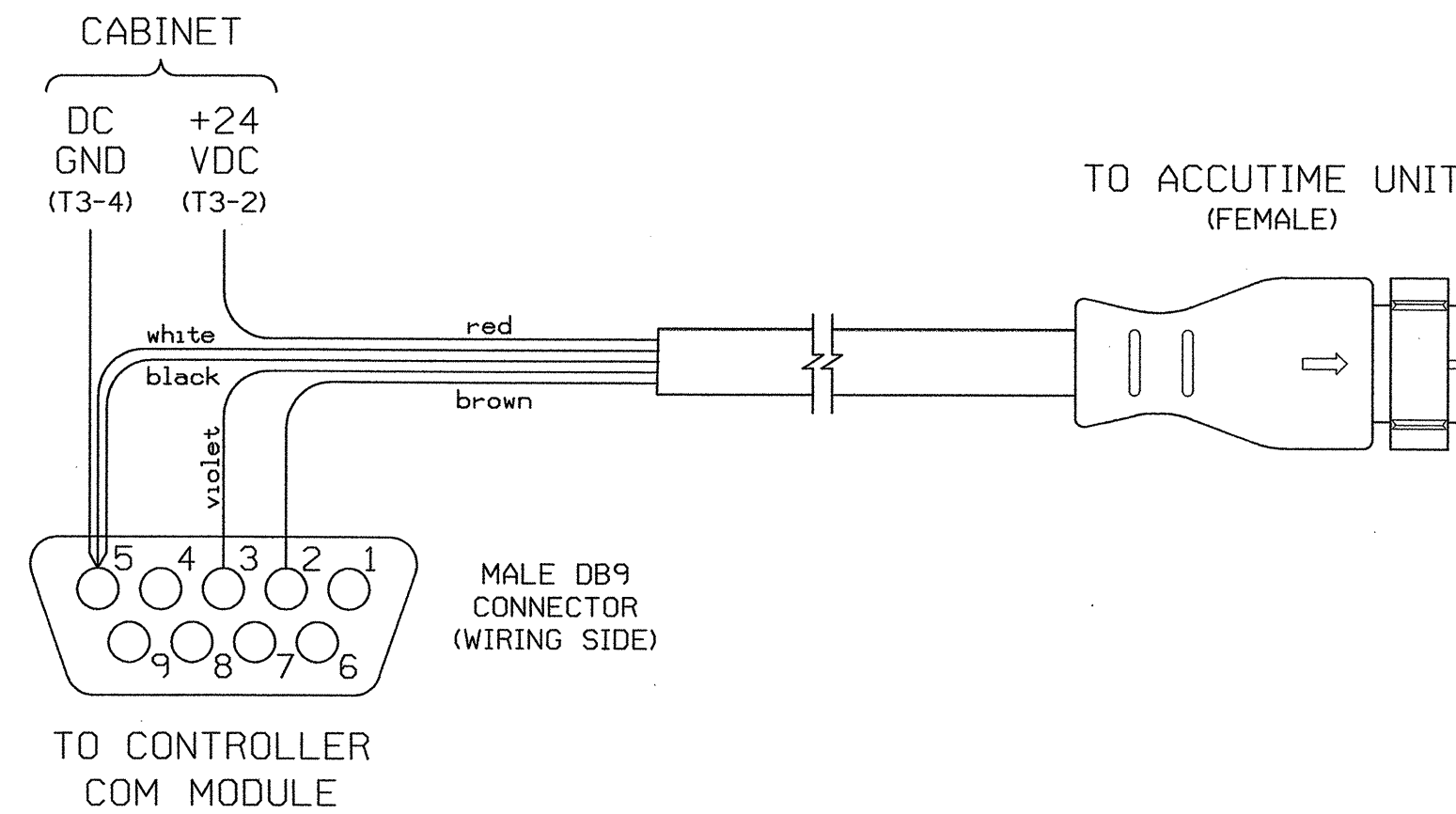


**CONNECTOR WIRING DETAIL FOR ACCUTIME 2000  
WITH RS232 INTERFACE  
(make connections as shown)**



SIGNAL DESCRIPTION	12 CONDUCTOR CABLE COLOR	ACCUTIME CØNNECTOR	DB9 TO CØNTROLLER	CABINET CØNNECTION
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: 03-0882T1  
DESIGNED: SEPTEMBER 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

SR 1409 (MILITARY CUTOFF ROAD)  
AT  
SR 1940 (COVIL FARM ROAD)  
AND CHURCH  
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  
SIGNATURE DATE  
12/16/03

SEAL  
NORTH CAROLINA PROFESSIONAL ENGINEER  
SEAL 07438  
ENGINEER JAMES O. DEATON  
SIGNATURE DATE  
SIG. INVENTORY NO. 03-0882T1