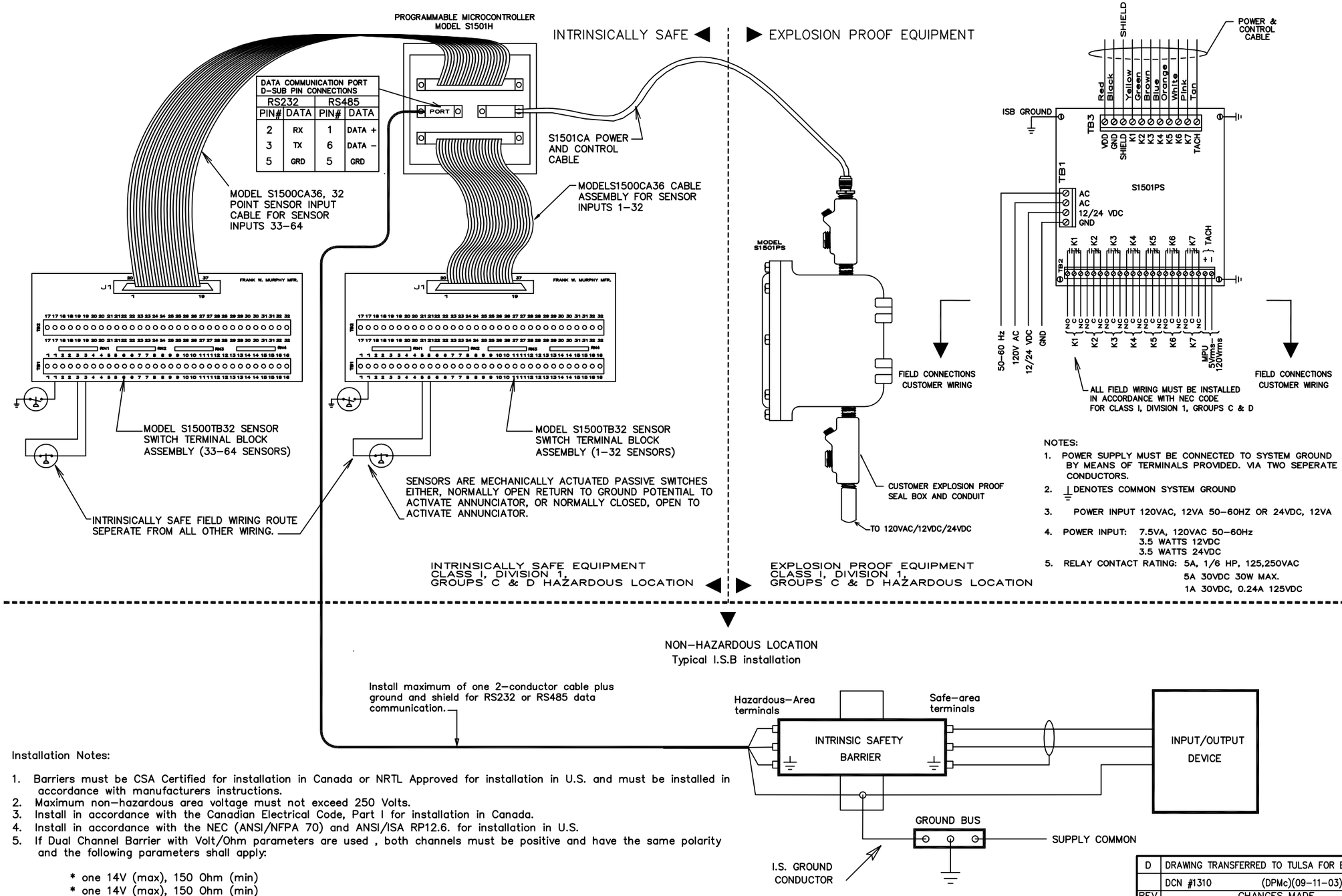

NOTES:

1. POWER SUPPLY MUST BE CONNECTED TO SYSTEM GROUND BY MEANS OF TERMINALS PROVIDED. VIA TWO SEPERATE CONDUCTORS.
2. ⏚ DENOTES COMMON SYSTEM GROUND
3. POWER INPUT 120VAC, 12VA 50–60HZ OR 24VDC, 12VA
4. POWER INPUT: 7.5VA, 120VAC 50–60Hz
   3.5 WATTS 12VDC
   3.5 WATTS 24VDC
5. RELAY CONTACT RATING: 5A, 1/6 HP, 125,250VAC
   5A 30VDC 30W MAX.
   1A 30VDC, 0.24A 125VDC

Installation Notes:

1. Barriers must be CSA Certified for installation in Canada or NRTL Approved for installation in U.S. and must be installed in accordance with manufacturers instructions.
2. Maximum non–hazardous area voltage must not exceed 250 Volts.
3. Install in accordance with the Canadian Electrical Code, Part I for installation in Canada.
4. Install in accordance with the NEC (ANSI/NFPA 70) and ANSI/ISA RP12.6. for installation in U.S.
5. If Dual Channel Barrier with Volt/Ohm parameters are used , both channels must be positive and have the same polarity and the following parameters shall apply:

   * one 14V (max), 150 Ohm (min)
   * one 14V (max), 150 Ohm (min)

6. If two single channel barriers with Volt/Ohm parameters are used for a two–barrier configuration, both channels must be positive and have the same polarity and the following parameters shall apply to each channel:

   * one 14V (max), 150 Ohm (min)
   * one 14V (max), 150 Ohm (min)

REV.	DESCRIPTION	DATE	ERNO	BY	CHK
C	REVISED I.S.B. PARAMETERS	8–7–98	99–H013	WRB	
B	ADDED ISB FOR SERIAL COM PORT	01–29–98	98–H017	WRB	
A	ADDED RELAY CONTACT RATING	09–24–97	97–H177	BF	

ROSENBERG CHANGES

REV.	CHANGES MADE
D	DRAWING TRANSFERRED TO TULSA FOR ENGR CONTROL
	DCN #1310 (DPMc)(09–11–03) DMc

murphy

DRAWN BY: BF		E.R.NO. 97–H062
DATE: 04–01–97	CHKD. BY: MT	APPD. BY: MT

MODEL: INSTALLATION DIAGRAM, S1501

DRAWING NO.	SHEET 1 OF 1	SIZE	REV.
50–08–0017		C	D