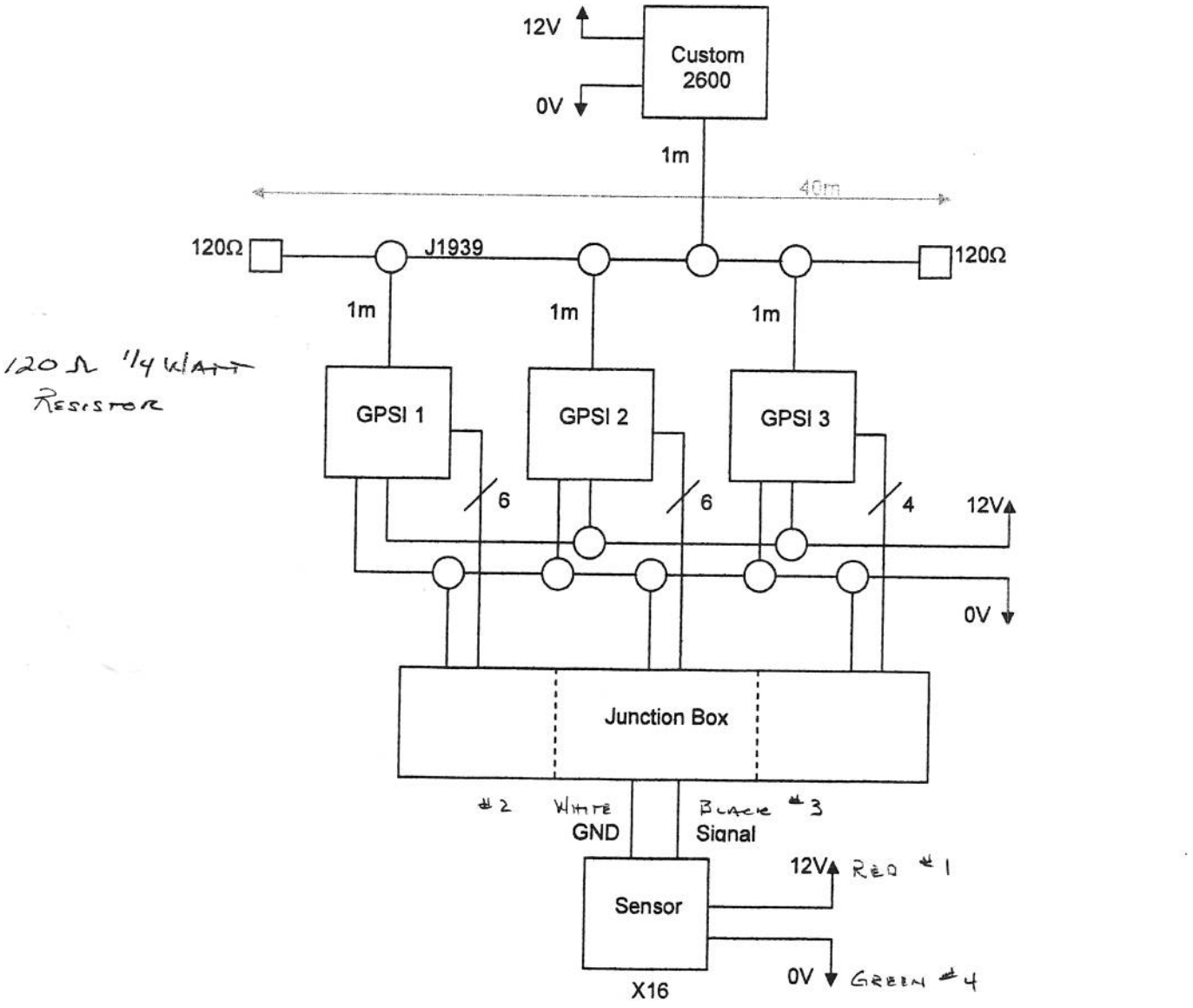
6 Appendix A – Circuit Block Diagram for CANtrak & GPSI to OHIO Power System's Sensors



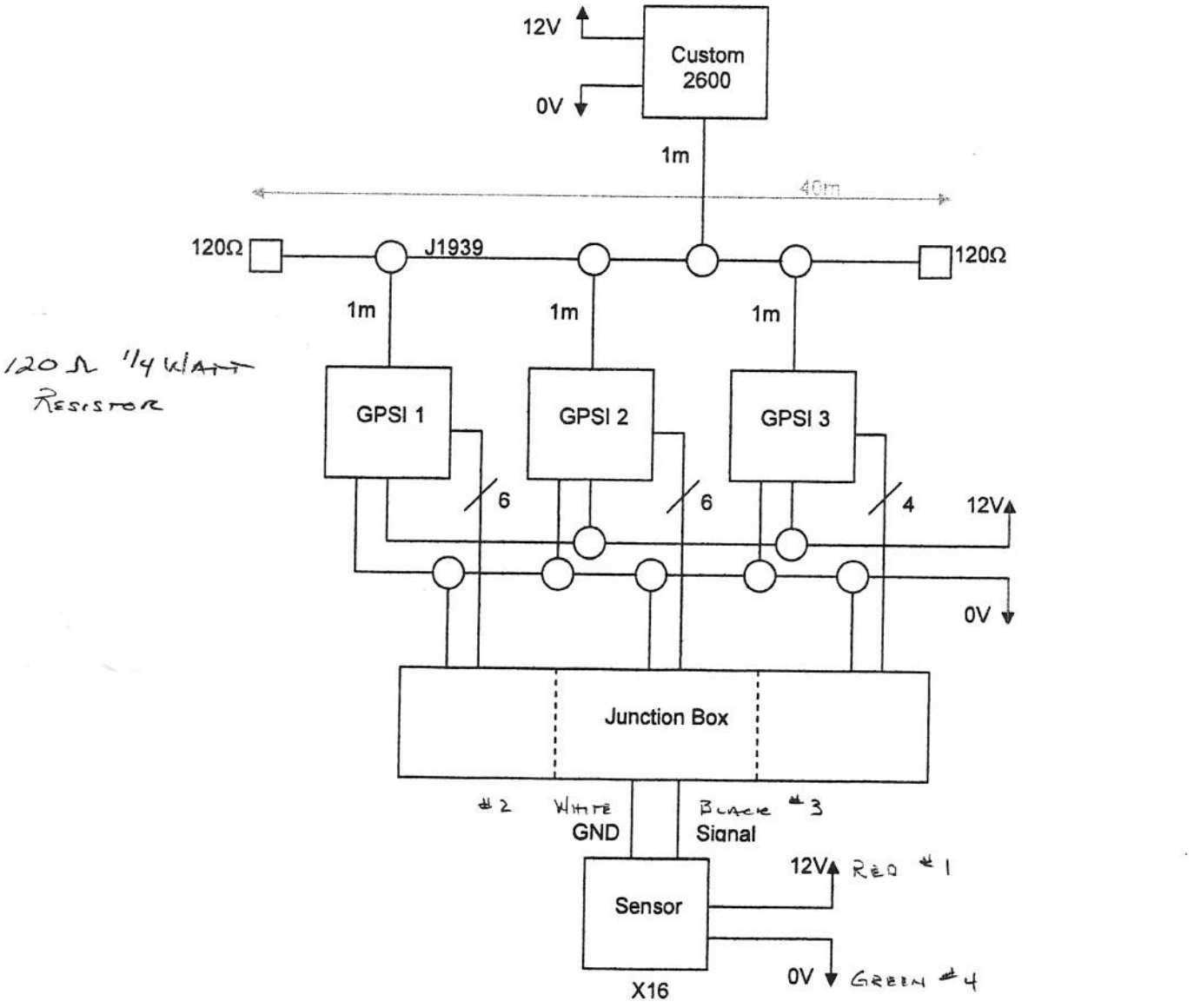
The CAN bus should be a shielded twisted pair, with impedance 120Ω. The shield ground should be connected to 0V.
'CAN+' (App.B GPSI Connector B pin 6) and 'CAN HI' (App.C CANtrak pin 8) should be linked.
'CAN –' (App.B GPSI Connector B pin 3) and 'CAN LO' (App.C CANtrak pin 7) should be linked.
GPSI Ground (App.B Connector B pin 1) and CANtrak Ground (App.C CANtrak pin 1) should be common.
GPSI Power (App B Connector B pin 12) should be tied to +12V.

OUT+ of each sensor should be connected to the relevant Analog input on GPSI (see 4.1)
Each sensor's Ground and Earth should be common and IN+ tied to 12V.

This document is the property of TeleflexMorse Electronics. All rights are reserved. This document or any information it contains may not be copied, reproduced, disclosed to others or used without the written permission from TeleflexMorse Electronics. This document must be returned upon request.

Project : OHIO Power Systems

6 Appendix A – Circuit Block Diagram for CANtrak & GPSI to OHIO Power System's Sensors



The CAN bus should be a shielded twisted pair, with impedance 120Ω. The shield ground should be connected to 0V.
'CAN+' (App.B GPSI Connector B pin 6) and 'CAN HI' (App.C CANtrak pin 8) should be linked.
'CAN –' (App.B GPSI Connector B pin 3) and 'CAN LO' (App.C CANtrak pin 7) should be linked.
GPSI Ground (App.B Connector B pin 1) and CANtrak Ground (App.C CANtrak pin 1) should be common.
GPSI Power (App B Connector B pin 12) should be tied to +12V.

OUT+ of each sensor should be connected to the relevant Analog input on GPSI (see 4.1)
Each sensor's Ground and Earth should be common and IN+ tied to 12V.

This document is the property of TeleflexMorse Electronics. All rights are reserved. This document or any information it contains may not be copied, reproduced, disclosed to others or used without the written permission from TeleflexMorse Electronics. This document must be returned upon request.