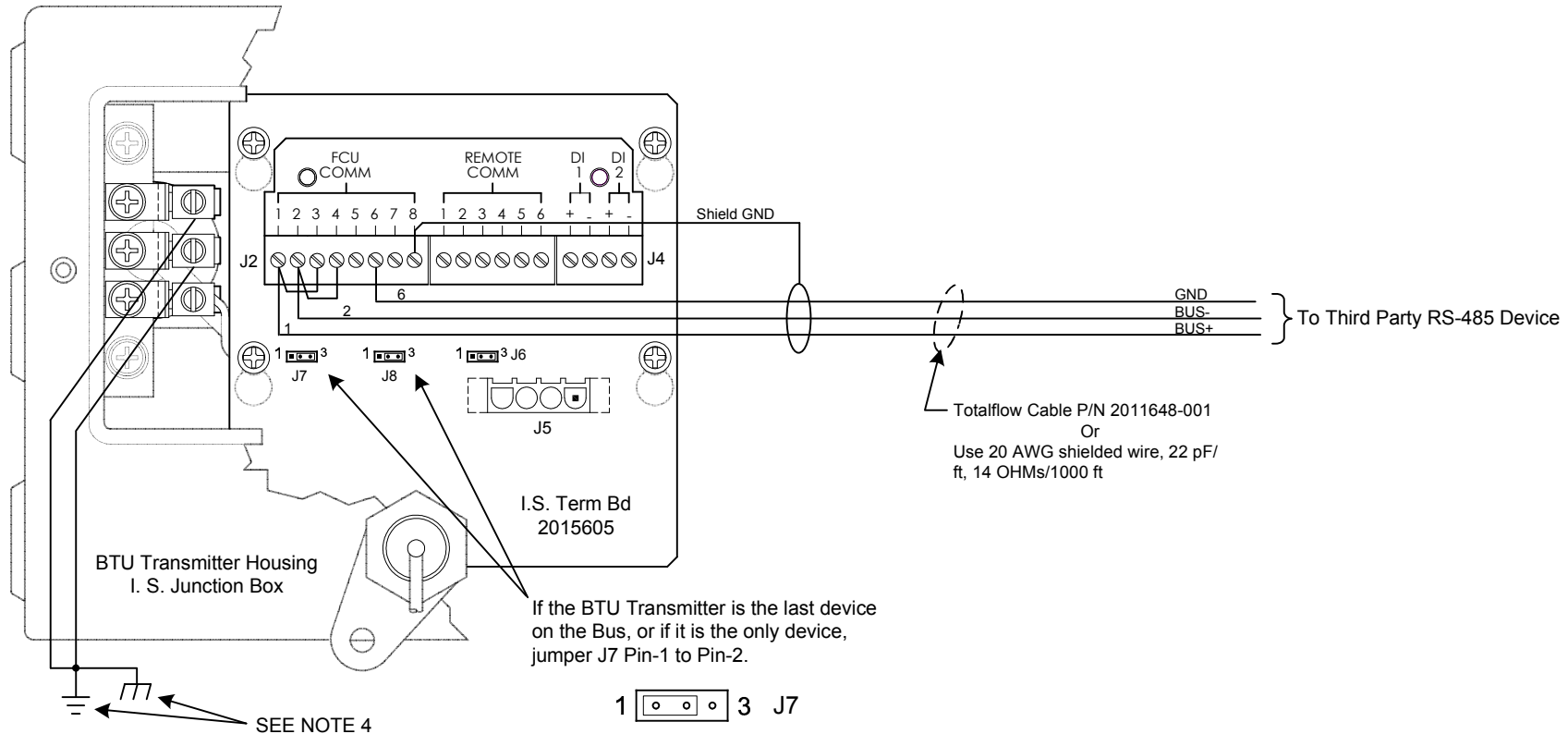
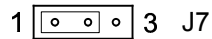


NOTES:

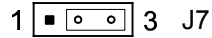
1. Prior to any installation in a classified hazardous location, verify installation methods by the Control Drawing referenced on the product's name tag.
2. Maximum length of RS-422 bus is 4000 Ft. @9600 baud using Totalflow cable P/N 2011648-001 or equivalent.
3. To access termination board, remove I.S. Junction Box front cover.



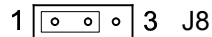
If the BTU Transmitter is the last device on the Bus, or if it is the only device, jumper J7 Pin-1 to Pin-2.



If it is not the last device, jumper J7 Pin-2 to Pin-3 (Pin-1 is on the left, when viewing the I.S. Board).



For RS-485 2-wire, jumper J8 Pin-1 to Pin-2. For RS-422 4-wire, jumper J8 Pin-2 to Pin-3.



4. Redundant Ground Wires per ISA RP 12.6 Wires Must be GRN 12 AWG. Ground Electrode per CEC C22.1 10-700 or NEC 250-81

REF: N/A

ABB	TOTALFLOW Products	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
		D18509	UD	BTU 8000/8100 FCU COMM PORT RS-485 2-WIRE W/GND GENERIC WIRING GUIDE	2102280	AB	1 OF 1