

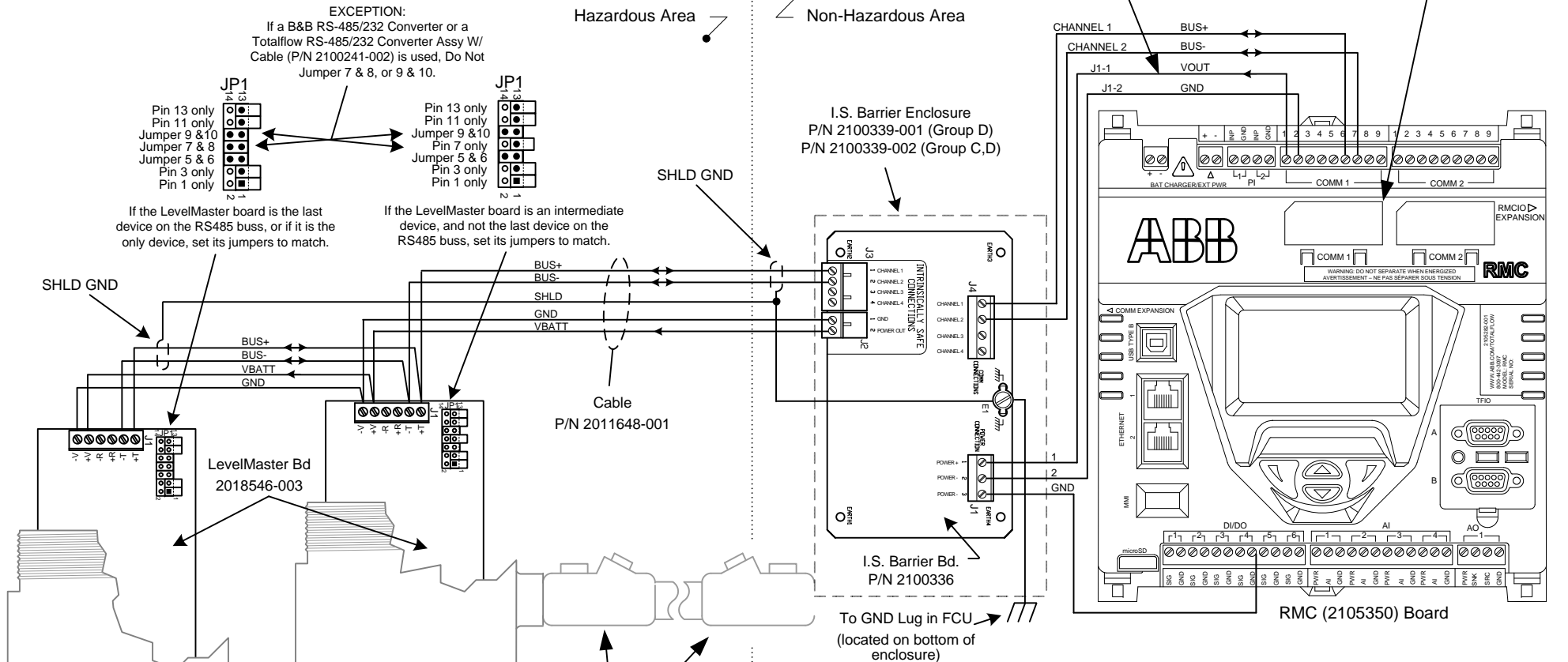
NOTES:

1. **WARNING:** This drawing does not completely illustrate the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product's name tag and national and local codes.
2. To access the LevelMaster board, remove the enclosure top cover.
3. Only one host flow computer is allowed in this configuration.

7. Termination methods for COMM ports 1 and 2 are the same. All notes apply.
8. In this configuration COMM 1 may only be used to communicate with the listed devices. Use COMM 2 for other devices.

The RMC can operate on 12 or 24 volts DC. If using VOUT to power an external device verify that the RMC supply voltage is compatible with the external device.

For a COMM port to be activated the COMM module (Part # 2105236-001) must be in the slot for the appropriate COMM port. The module is software selectable for communication protocol type.



4. The RS485 buss must be wired in a daisy-chain configuration. Star configurations are not allowed.
5. Maximum accumulated length for the RS485 buss is 4000 feet, or a maximum of 10 LevelMaster units on the buss are allowed (without barriers), but not both. If barriers are used, the same holds true for 4 LevelMaster units.
6. The LevelMaster application must be instantiated in the XRC board by X-series setup software, such as PCCU32.

RMC COMM PORT PINOUTS			
PIN	RS-232	RS-422	RS-485
1	Voltage Out (VOUT)	Voltage Out (VOUT)	Voltage Out (VOUT)
2	Ground (GND)	Ground (GND)	Ground (GND)
3	Switched voltage (Sw VOUT)	Switched voltage (Sw VOUT)	Switched voltage (Sw VOUT)
4	Operate (OPER)	Operate (OPER)	Operate (OPER)
5	Remote request to send (RRTS)	Remote request to send (RRTS)	Remote request to send (RRTS)
6	Request to send (RTS)	Transmit bus+ (TBUS+)	Transmit bus+ (TBUS+)
7	Transmit data (TX)	Transmit bus- (TBUS-)	Transmit bus- (TBUS-)
8	Receive Data (RX)	Receive bus+ (RBUS+)	Not Used
9	Clear to send (CTS)	Receive bus- (RBUS-)	Not Used