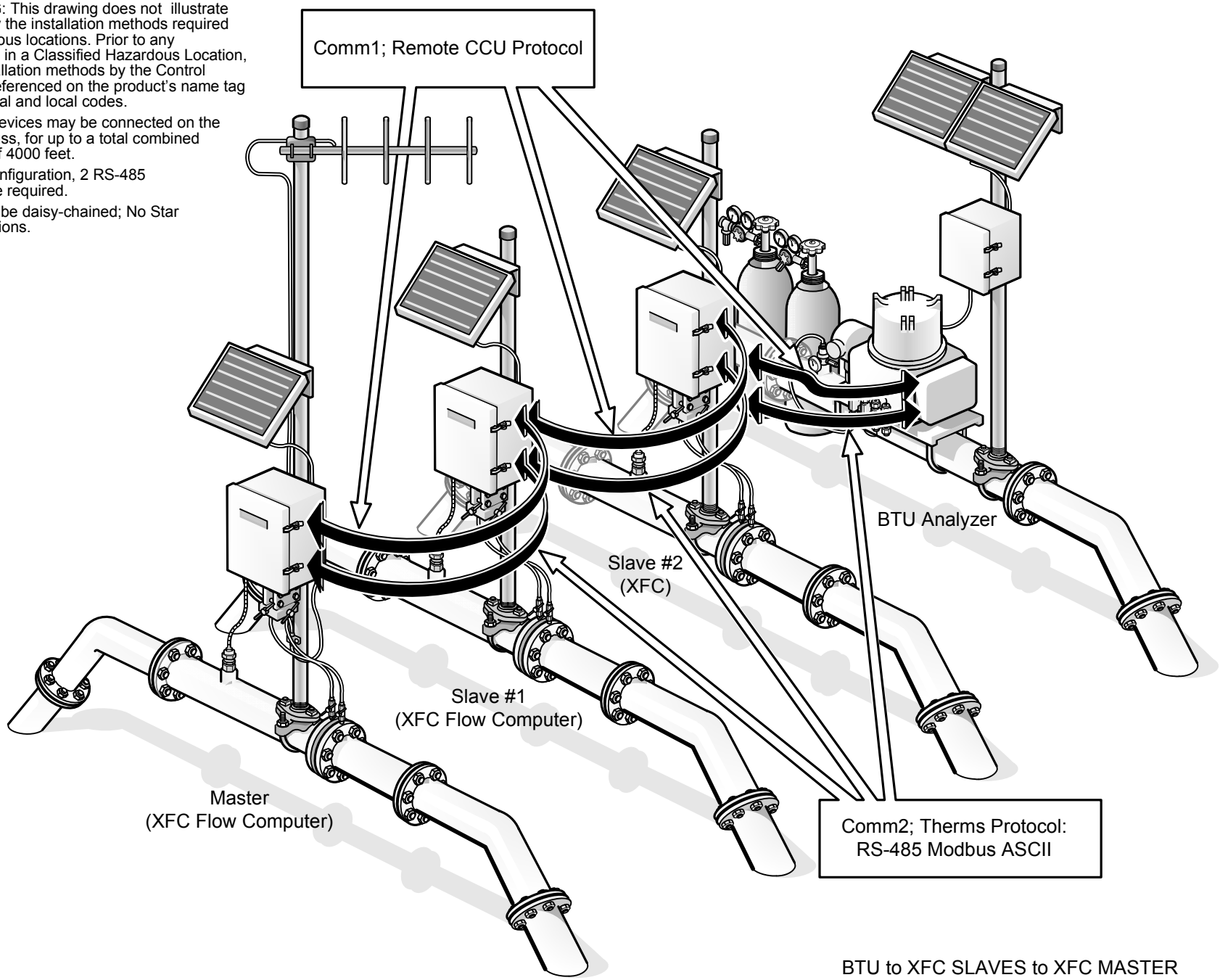
NOTES:

1. WARNING: This drawing does not illustrate completely 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. Up to 32 devices may be connected on the RS-485 buss, for up to a total combined distance of 4000 feet.

   For this configuration, 2 RS-485 busses are required.
3. Units must be daisy-chained; No Star Configurations.

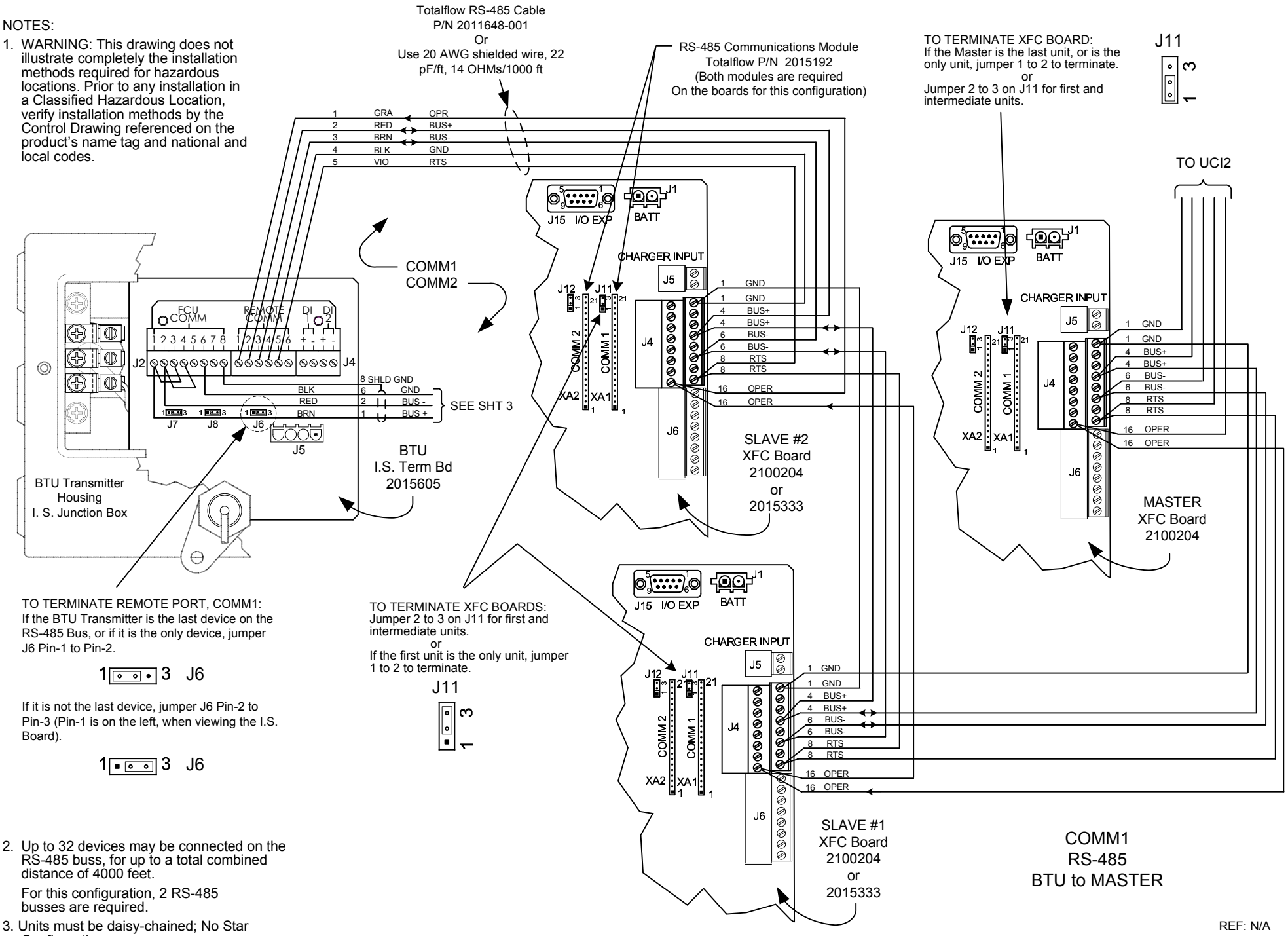


BTU to XFC SLAVES to XFC MASTER

ABB TOTALFLOW Products	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
	L19095	UD	THERMS STATION WIRING LAYOUT BTU TO XFC SLAVE TO XFC MASTER	2102926	AA	1 OF 7

NOTES:

1. WARNING: This drawing does not illustrate completely 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. Up to 32 devices may be connected on the RS-485 buss, for up to a total combined distance of 4000 feet.

   For this configuration, 2 RS-485 busses are required.

3. Units must be daisy-chained; No Star Configurations.

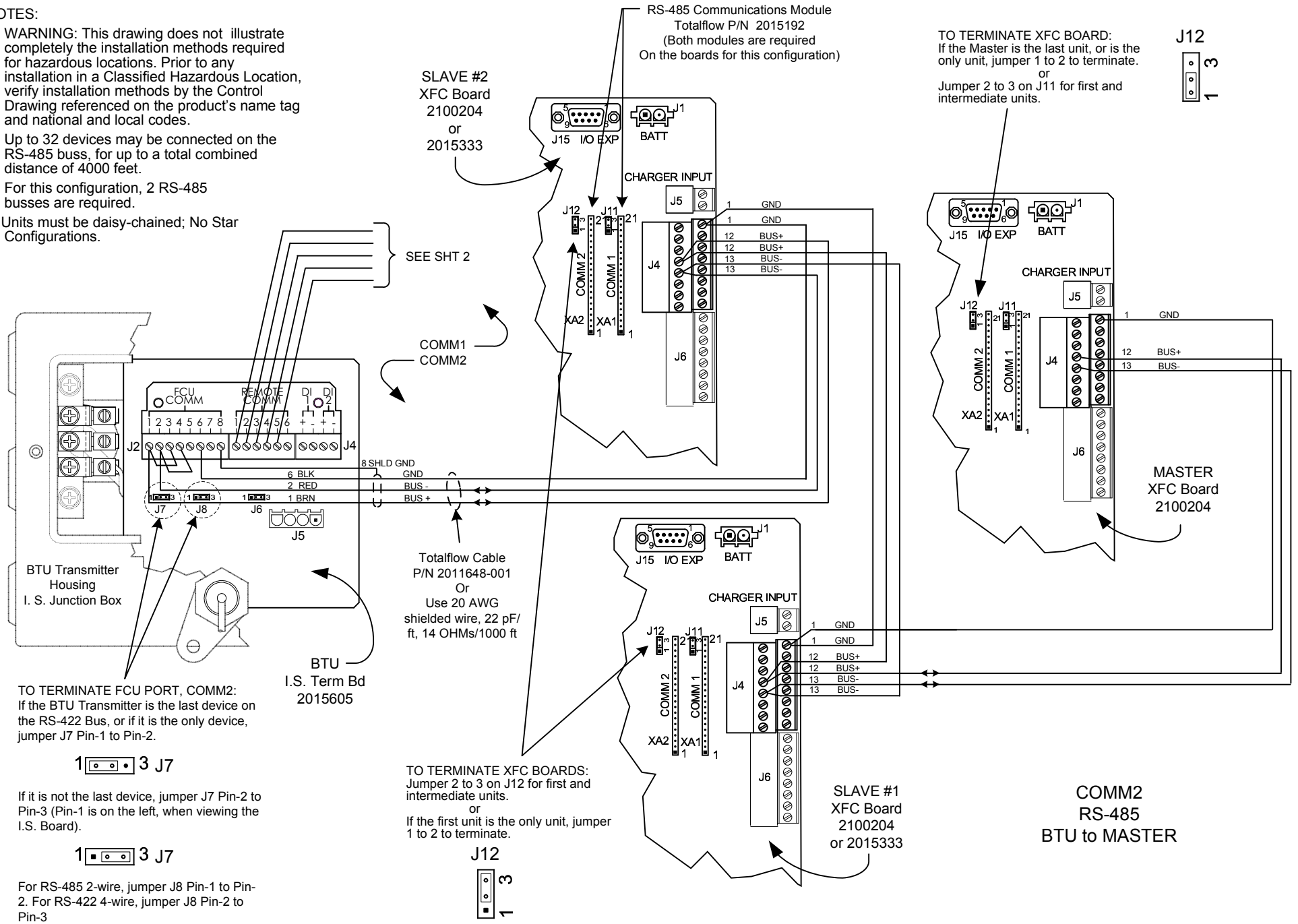
REF: N/A

ABB TOTALFLOW Products	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
	L19095	UD	THERMS STATION WIRING LAYOUT BTU TO XFC SLAVE TO XFC MASTER	2102926	AA	2 OF 7

NOTES:

1. WARNING: This drawing does not illustrate completely 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. Up to 32 devices may be connected on the RS-485 buss, for up to a total combined distance of 4000 feet.

   For this configuration, 2 RS-485 busses are required.
3. Units must be daisy-chained; No Star Configurations.



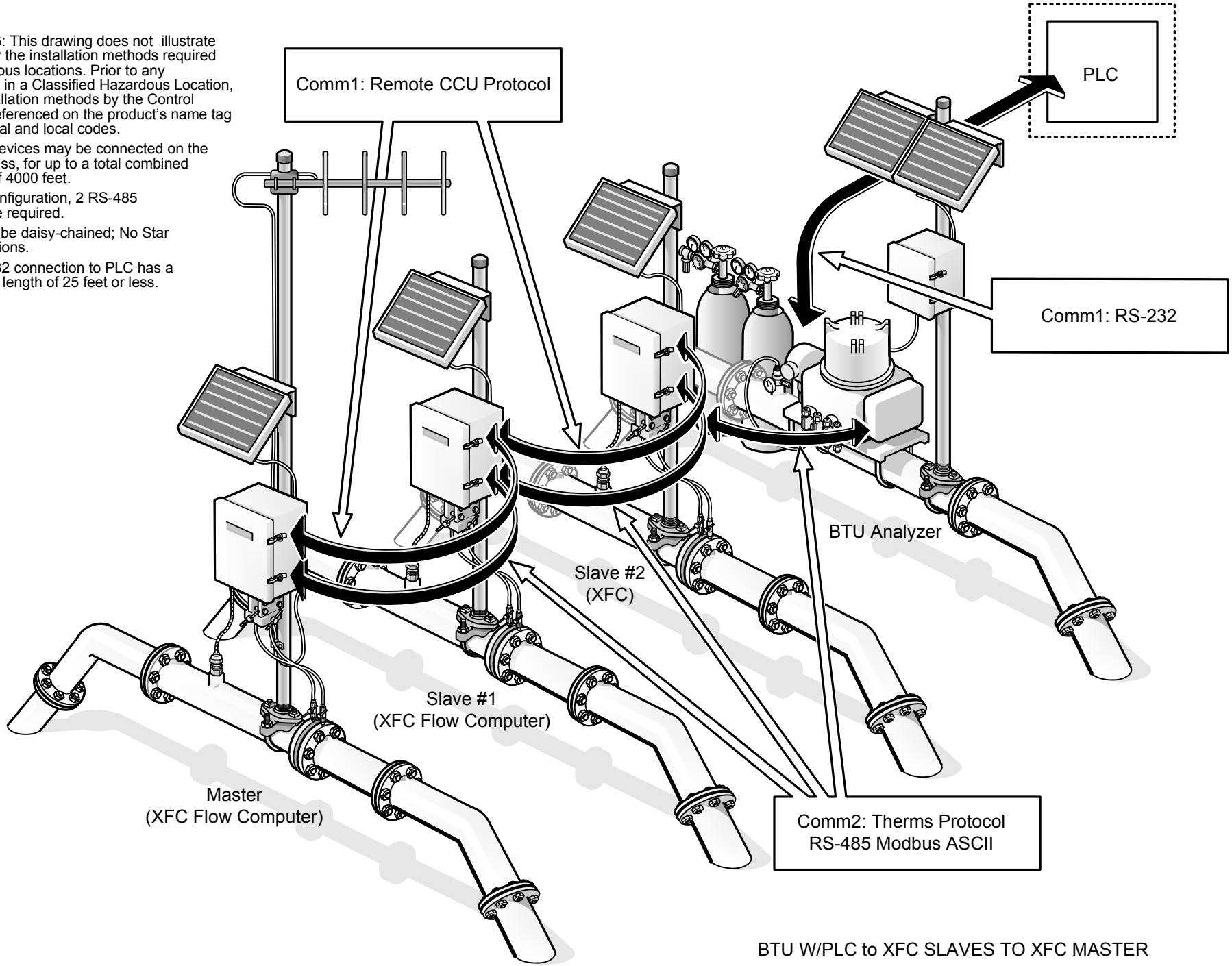
REF: N/A

ABB TOTALFLOW Products	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
	L19095	UD	THERMS STATION WIRING LAYOUT BTU TO XFC SLAVE TO XFC MASTER	2102926	AA	3 OF 7

NOTES:

1. WARNING: This drawing does not illustrate completely 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. Up to 32 devices may be connected on the RS-485 buss, for up to a total combined distance of 4000 feet.

   For this configuration, 2 RS-485 busses are required.
3. Units must be daisy-chained; No Star Configurations.
4. The RS-232 connection to PLC has a suggested length of 25 feet or less.

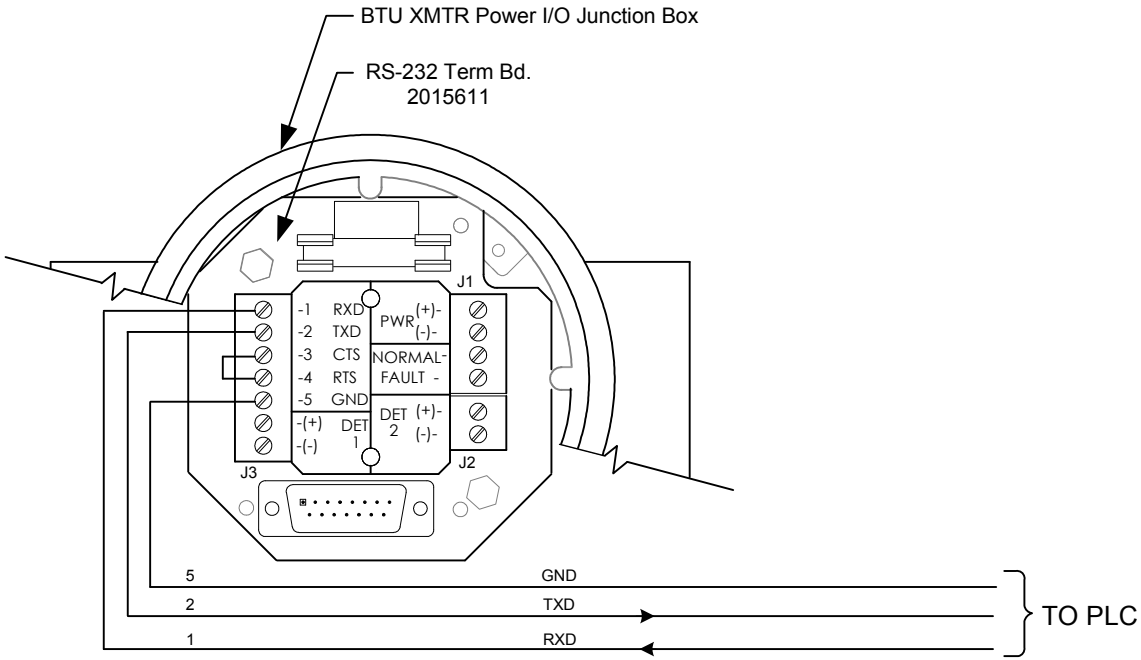


BTU W/PLC to XFC SLAVES TO XFC MASTER

ABB TOTALFLOW Products	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
	L19095	UD	THERMS STATION WIRING LAYOUT BTU TO XFC SLAVE TO XFC MASTER	2102926	AA	4 OF 7

NOTES:

1. WARNING: This drawing does not illustrate completely 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. The RS-232 connection to PLC has a suggested length of 25 feet or less.



COMM1
RS-232 TO PLC

REF: N/A

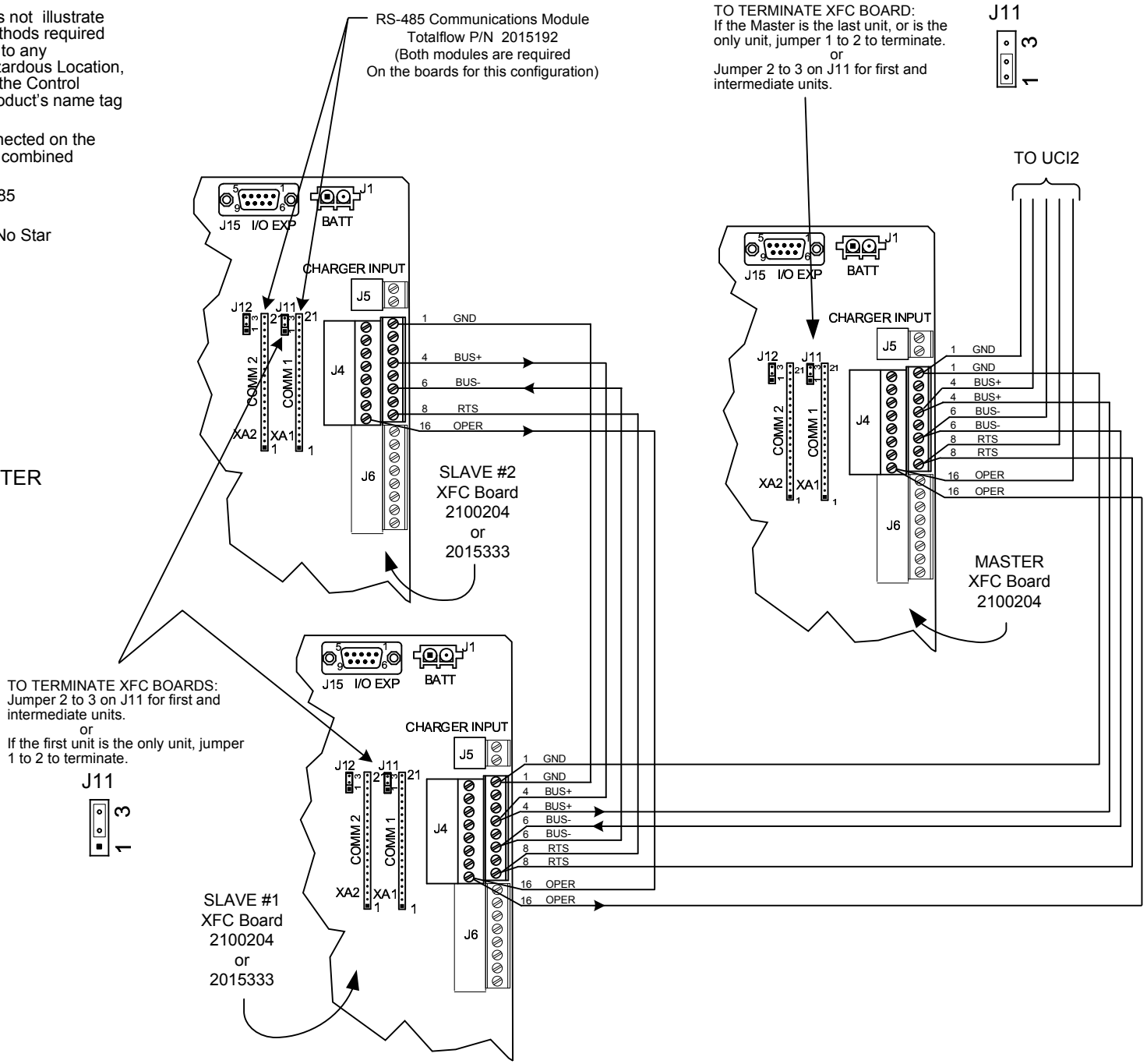
ABB TOTALFLOW Products	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
	L19095	UD	THERMS STATION WIRING LAYOUT BTU TO XFC SLAVE TO XFC MASTER	2102926	AA	5 OF 7

NOTES:

1. WARNING: This drawing does not illustrate completely 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. Up to 32 devices may be connected on the RS-485 buss, for up to a total combined distance of 4000 feet.

   For this configuration, 2 RS-485 busses are required.
3. Units must be daisy-chained; No Star Configurations.

COMM1
RS-485
SLAVE#2 to MASTER



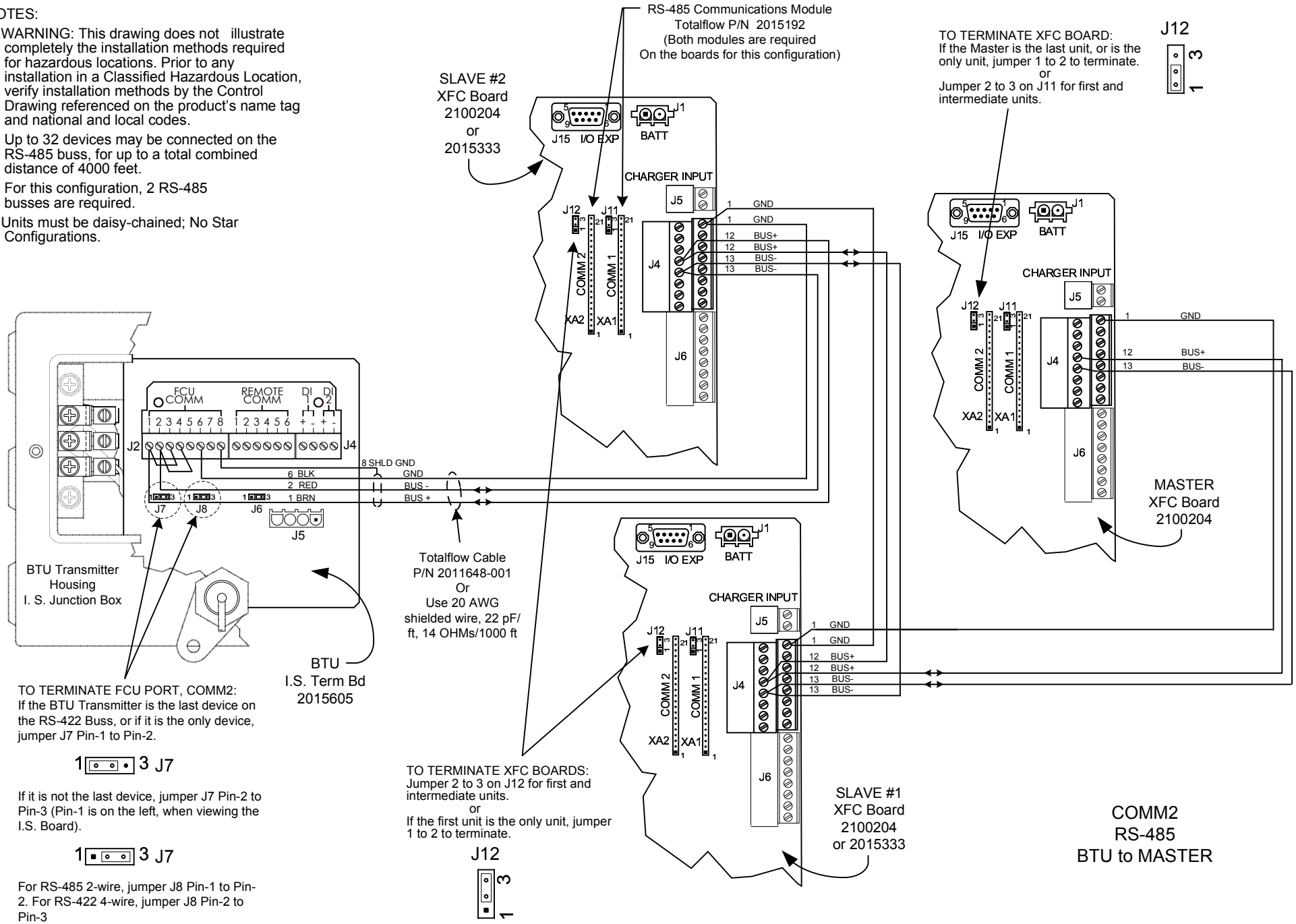
REF: N/A

ABB TOTALFLOW Products	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
	L19095	UD	THERMS STATION WIRING LAYOUT BTU TO XFC SLAVE TO XFC MASTER	2102926	AA	6 OF 7

NOTES:

1. WARNING: This drawing does not illustrate completely 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. Up to 32 devices may be connected on the RS-485 buss, for up to a total combined distance of 4000 feet.

   For this configuration, 2 RS-485 busses are required.
3. Units must be daisy-chained; No Star Configurations.



REF: N/A

ABB TOTALFLOW Products	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
	L19095	UD	THERMS STATION WIRING LAYOUT BTU TO XFC SLAVE TO XFC MASTER	2102926	AA	7 OF 7