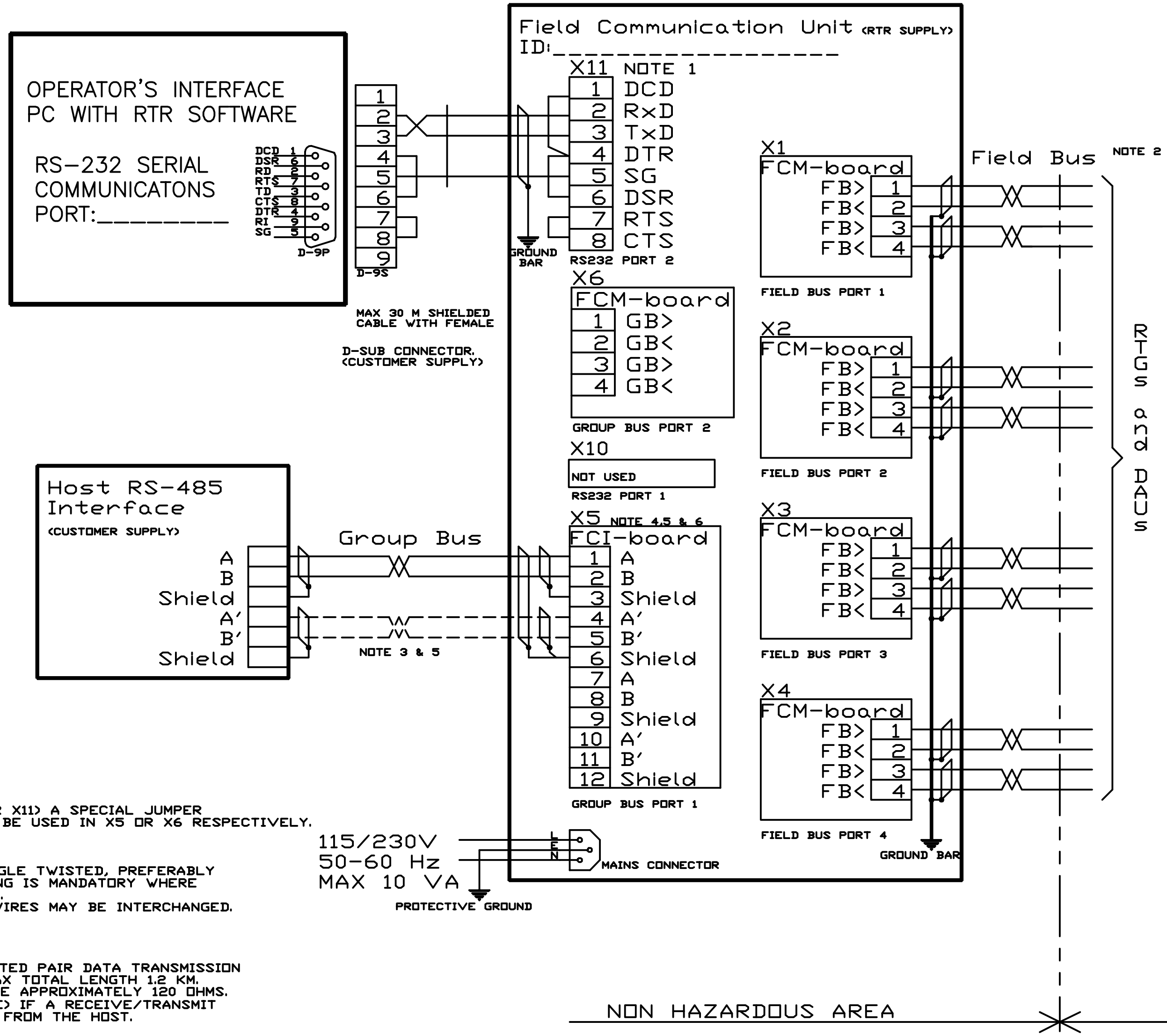

Tank ID	Port	RTG	DAU

NOTE 1
WHEN USING A RS-232 PORT (X10 OR X11) A SPECIAL JUMPER (9240 002-731 RTR SUPPLIED) MUST BE USED IN X5 OR X6 RESPECTIVELY.

NOTE 2
TRL/2 BUS. CUSTOMER SUPPLIED SINGLE TWISTED, PREFERABLY SHIELDED PAIR. INDIVIDUAL SHIELDING IS MANDATORY WHERE TWO OR MORE BUSES RUN ALONGSIDE.
MIN. AWG 20 - 0.5 SQMM. THE TWO WIRES MAY BE INTERCHANGED.

NOTE 3
CUSTOMER SUPPLIED SHIELDED, TWISTED PAIR DATA TRANSMISSION CABLE, MIN AWG 24 - 0.25 SQMM, MAX TOTAL LENGTH 1.2 KM.
THE IMPEDANCE AT 100kHz SHOULD BE APPROXIMATELY 120 OHMS.
USE DUAL PAIRS (FULL DUPLEX MODE) IF A RECEIVE/TRANSMIT CONTROL SIGNAL IS NOT AVAILABLE FROM THE HOST.

NOTE 4
SET JUMPER S3 ON THE FCI-BOARD ACCORDING TO TYPE OF TRANSMISSION.
S3 = 1-2 & 3-4 FOR HALF DUPLEX, S3 = 1-3 & 2-4 FOR FULL DUPLEX.
IN FULL DUPLEX MODE USE THE A-B TERMINALS TO RECEIVE DATA FROM THE HOST AND THE A'-B' TERMINALS TO TRANSMIT DATA TO THE HOST.

NOTE 5
TERMINATE THE END OF THE BUS WITH THE CHARACTERISTIC LINE IMPEDANCE.
INTERNAL TERMINATOR ON THE FCI-BOARD IS FACTORY CONNECTED WITH JUMPERS S1 & S2.

NOTE 6
THE FCI-BOARD IS GALVANICALLY ISOLATED FROM GROUND.
TERMINALS WITH THE SAME DESIGNATION ARE INTERNALLY CONNECTED.

ISSUED BY	WEEK	PRODUCT CODE	FILE	INSTALLATION DRAWING TITLE
GSP-MH	9832	REX	ACAD	EL. INSTALLATION DRAWING PC-HOST-FCU
APPROVED BY GKT	WEEK 9832	ORIGINAL DWG NO. 9240 007-989	SCALE	

ROSEMOUNT
Tank Gauging

1 ST ANGLE	DOC TYPE	DWG NO.	ISSUE	SHEET
	2	9240 007-989	3	1/1

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INST. DWG. A3 070213