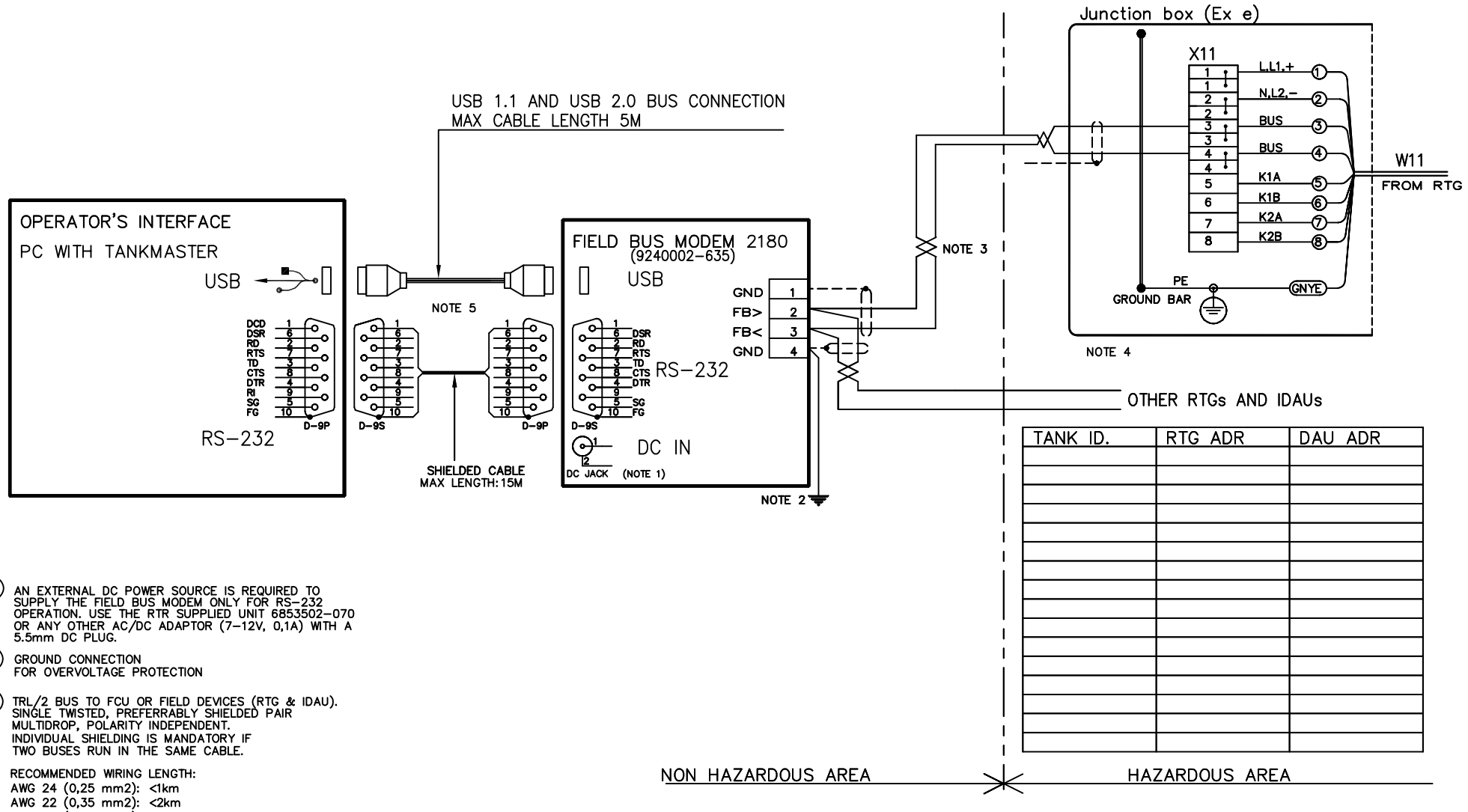

(1) AN EXTERNAL DC POWER SOURCE IS REQUIRED TO SUPPLY THE FIELD BUS MODEM ONLY FOR RS-232 OPERATION. USE THE RTR SUPPLIED UNIT 6853502-070 OR ANY OTHER AC/DC ADAPTOR (7-12V, 0,1A) WITH A 5.5mm DC PLUG.

(2) GROUND CONNECTION FOR OVERVOLTAGE PROTECTION

(3) TRL/2 BUS TO FCU OR FIELD DEVICES (RTG & IDAU).
SINGLE TWISTED, PREFERRABLY SHIELDED PAIR
MULTIDROP, POLARITY INDEPENDENT.
INDIVIDUAL SHIELDING IS MANDATORY IF TWO BUSES RUN IN THE SAME CABLE.

RECOMMENDED WIRING LENGTH:
AWG 24 (0,25 mm2): <1km
AWG 22 (0,35 mm2): <2km
AWG 20 (0,50 mm2): <3km
AWG 18 (0,75 mm2): <4km

(4) JBI (Junction Box Integrated) Ex e/ WIRE TERMINAL (X11) AWG 20-12 OR 0.5-4 SQMM.
OPTIONAL: 2.5m FLYING LEADS FOR EXTERNAL JUNCTION BOX (CUSTOMER OR RTR SUPPLY) DEPENDING ON NATIONAL CODE OF PRACTICE.

(5) USB AND RS-232 ARE ALTERNATIVE BUS CONNECTIONS

ISSUED BY: GSP-MH	WEEK: 0541	PRODUCT CODE: REX	FILE: ACAD	INSTALLATION DRAWING TITLE: EL. INSTALLATION DWG PC-FBM-JB/RTG
APPROVED BY: GSP	WEEK: 0541	ORIGINAL DWG NO.: 9240002-968	SCALE: -	
ROSEMOUNT Tank Gauging	1 ST ANGLE	DOC TYPE: 2	DWG NO.: 9240002-968	ISSUE: 02 / SHEET: 1/1

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INST. DWG. A3 070213