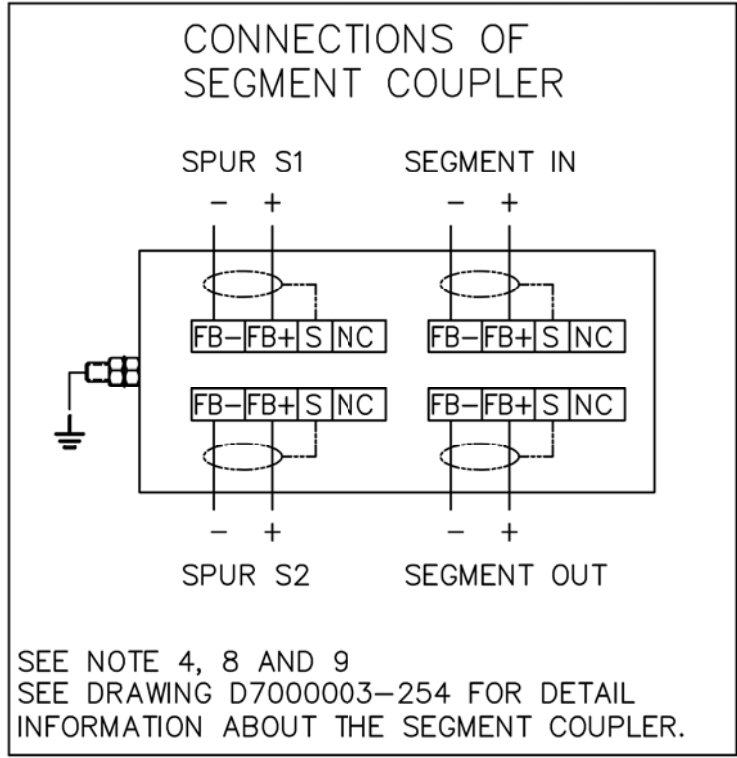
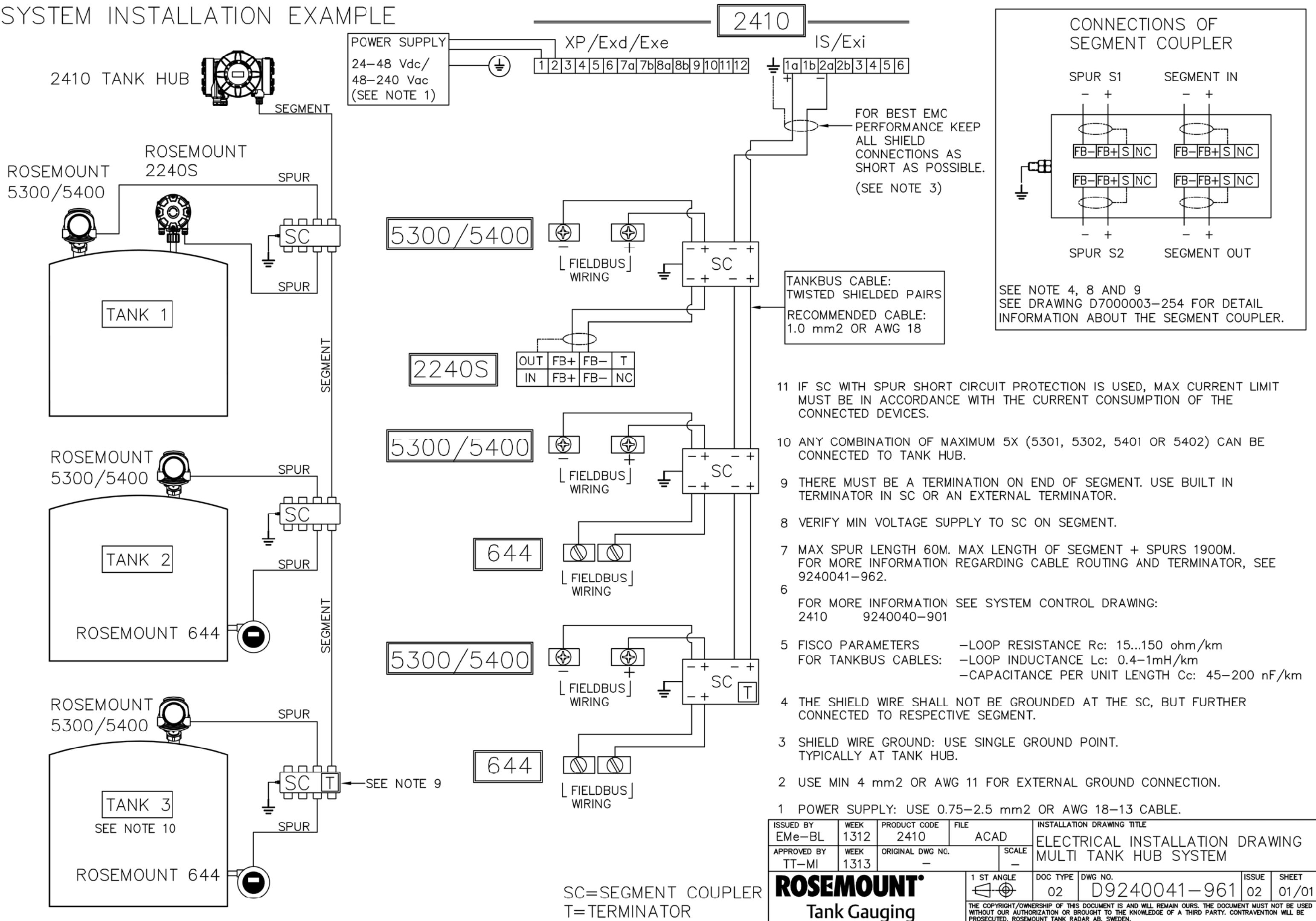


SYSTEM INSTALLATION EXAMPLE



- 11 IF SC WITH SPUR SHORT CIRCUIT PROTECTION IS USED, MAX CURRENT LIMIT MUST BE IN ACCORDANCE WITH THE CURRENT CONSUMPTION OF THE CONNECTED DEVICES.
- 10 ANY COMBINATION OF MAXIMUM 5X (5301, 5302, 5401 OR 5402) CAN BE CONNECTED TO TANK HUB.
- 9 THERE MUST BE A TERMINATION ON END OF SEGMENT. USE BUILT IN TERMINATOR IN SC OR AN EXTERNAL TERMINATOR.
- 8 VERIFY MIN VOLTAGE SUPPLY TO SC ON SEGMENT.
- 7 MAX SPUR LENGTH 60M. MAX LENGTH OF SEGMENT + SPURS 1900M. FOR MORE INFORMATION REGARDING CABLE ROUTING AND TERMINATOR, SEE 9240041-962.
- 6 FOR MORE INFORMATION SEE SYSTEM CONTROL DRAWING: 2410 9240040-901
- 5 FISCO PARAMETERS
FOR TANKBUS CABLES:
 - LOOP RESISTANCE R_c: 15..150 ohm/km
 - LOOP INDUCTANCE L_c: 0.4-1mH/km
 - CAPACITANCE PER UNIT LENGTH C_c: 45-200 nF/km
- 4 THE SHIELD WIRE SHALL NOT BE GROUNDED AT THE SC, BUT FURTHER CONNECTED TO RESPECTIVE SEGMENT.
- 3 SHIELD WIRE GROUND: USE SINGLE GROUND POINT. TYPICALLY AT TANK HUB.
- 2 USE MIN 4 mm² OR AWG 11 FOR EXTERNAL GROUND CONNECTION.
- 1 POWER SUPPLY: USE 0.75-2.5 mm² OR AWG 18-13 CABLE.

ISSUED BY Eme-BL	WEEK 1312	PRODUCT CODE 2410	FILE ACAD	INSTALLATION DRAWING TITLE ELECTRICAL INSTALLATION DRAWING MULTI TANK HUB SYSTEM	
APPROVED BY TT-MI	WEEK 1313	ORIGINAL DWG NO. -	SCALE -	DOC TYPE 02	DWG NO. D9240041-961
ROSEMOUNT Tank Gauging			1 ST ANGLE	ISSUE	SHEET
				02	01/01

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SC=SEGMENT COUPLER
T=TERMINATOR

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