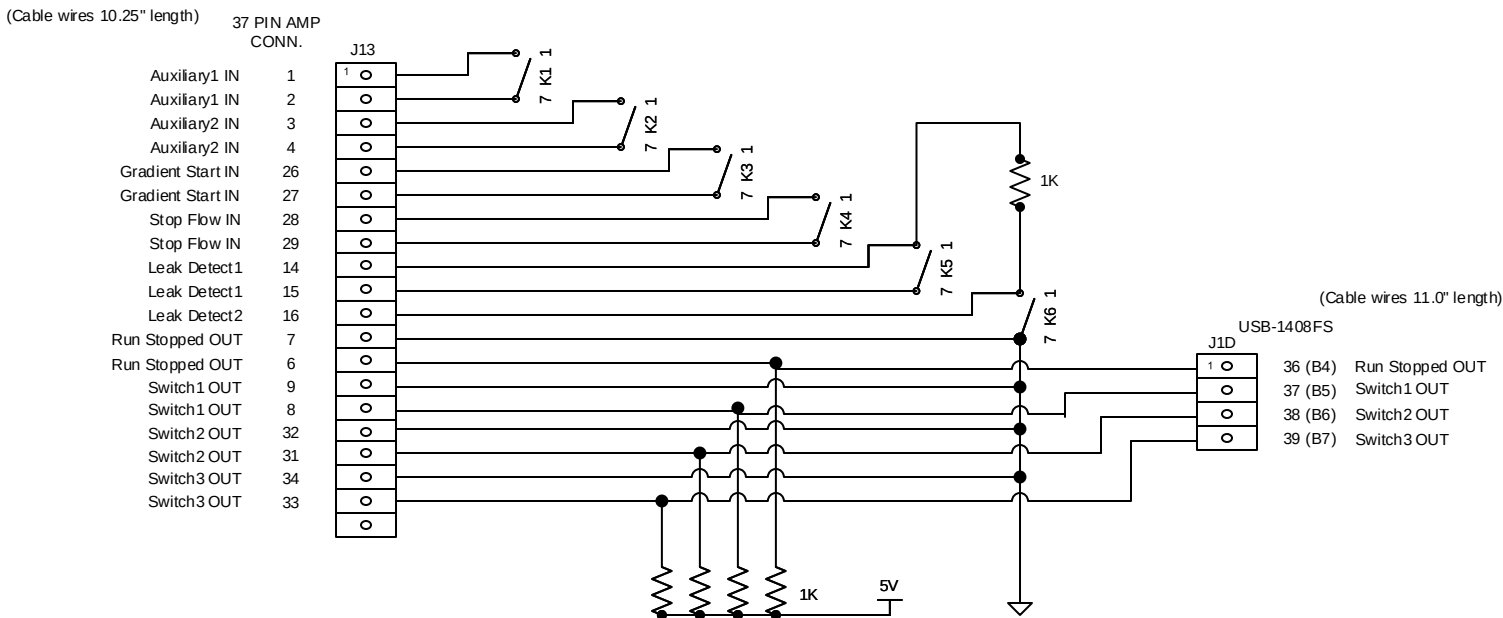
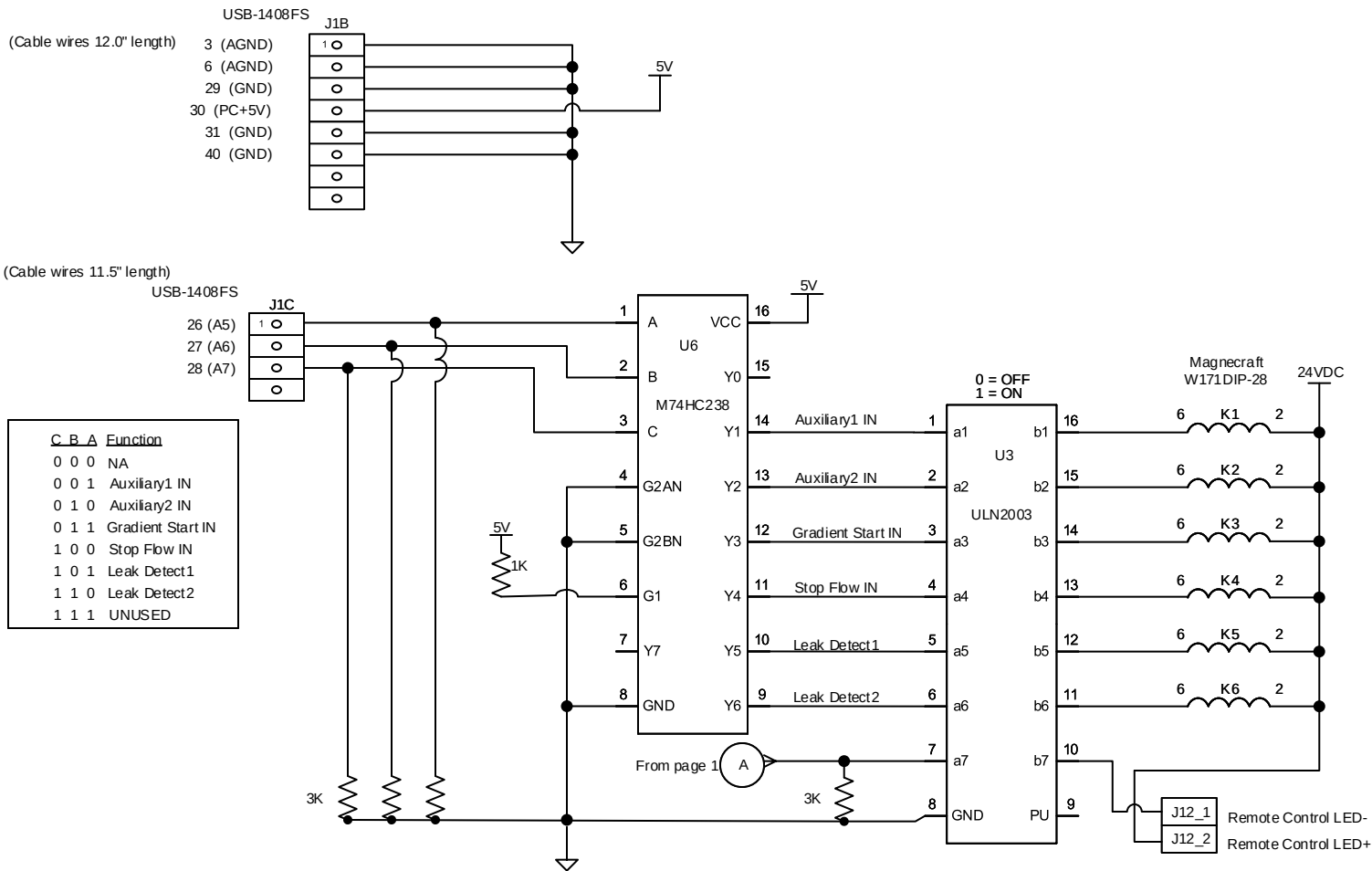
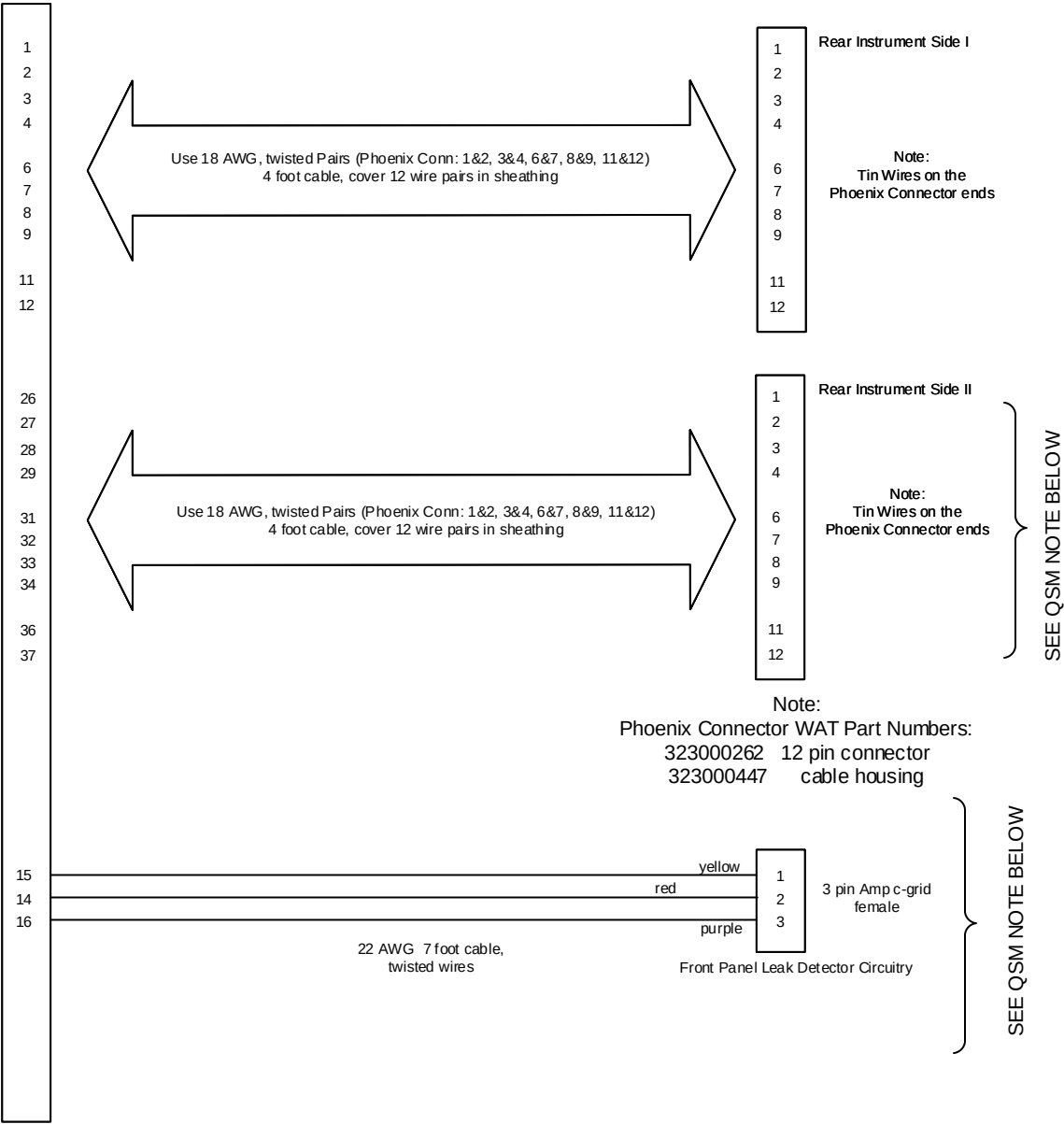




Circuit Board Wiring		SIZE	FSCM NO	DWG NO	REV
DRAWN	Ed Jackson			Acquity Pump Final Assembly Tester	G
ISSUED		SCALE	1 : 1	SHEET	2 OF 7

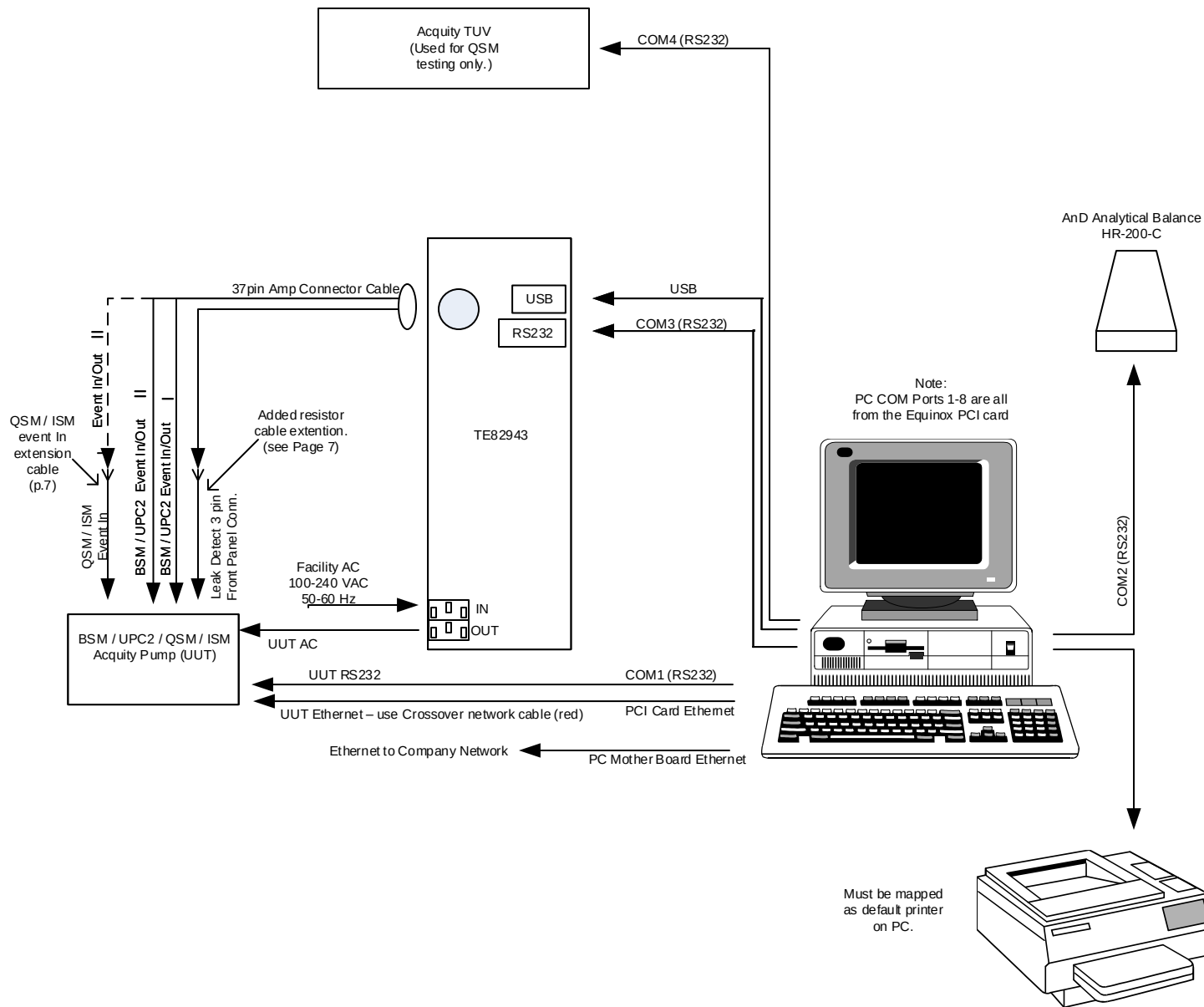
37 Pin Amp Connector
Digikey PN: A1306-ND
MFG PN: 206150-1

37 Pin Amp Connector

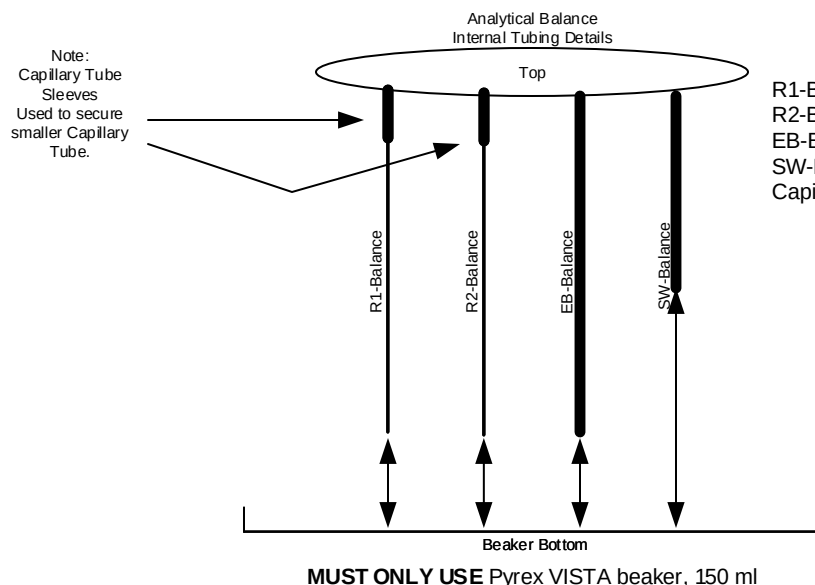
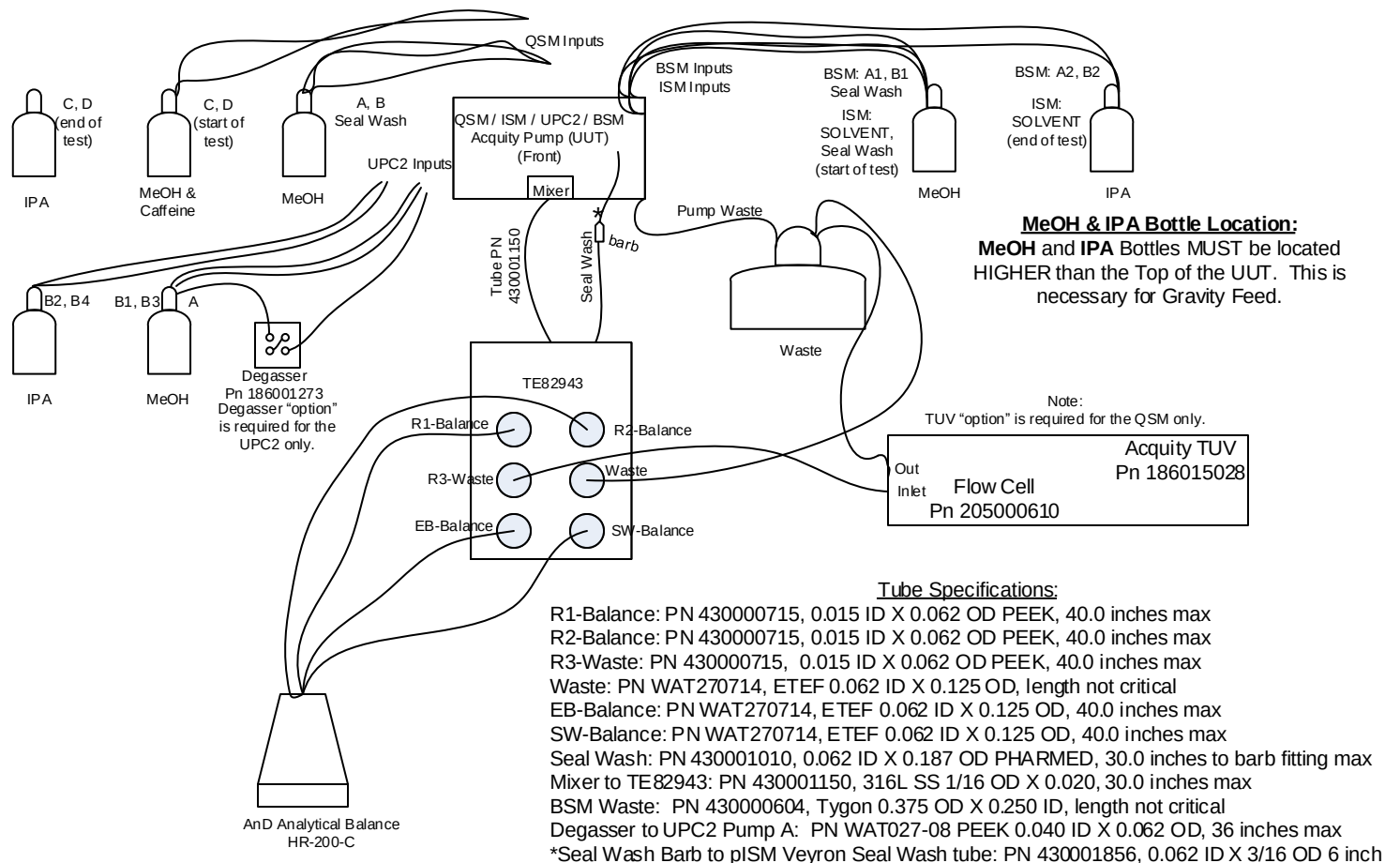


QSM / ISM NOTE:
Extension cables are required to
interface the QSM / ISM. Refer to Page
7 for extension cable wiring details.

Instrument Rear Panel to Tester Cables		SIZE	FSCM NO	DWG NO	REV
DRAWN Ed Jackson				Acquity Pump Final Assembly Tester	G
ISSUED		SCALE 1 : 1		SHEET	4 OF 7



Instrument to Tester Cables		SIZE	FSCM NO	DWG NO	REV
DRAWN	Ed Jackson			Acquity Pump Final Assembly Tester	G
ISSUED		SCALE	1 : 1	SHEET	5 OF 7



Balance Internal Tube Specifications:
R1-Balance: Polymicro TSP200350, 200um ID X 360um OD
R2-Balance: Polymicro TSP200350, 200um ID X 360um OD
EB-Balance: PN WAT270714, ETFE 0.062 ID X 0.125 OD
SW-Balance: PN WAT270714, ETFE 0.062 ID X 0.125 OD
Capillary Sleeves: WAT027-03, 0.015 ID X 0.062 OD, 2.0 +/- 0.125 inch

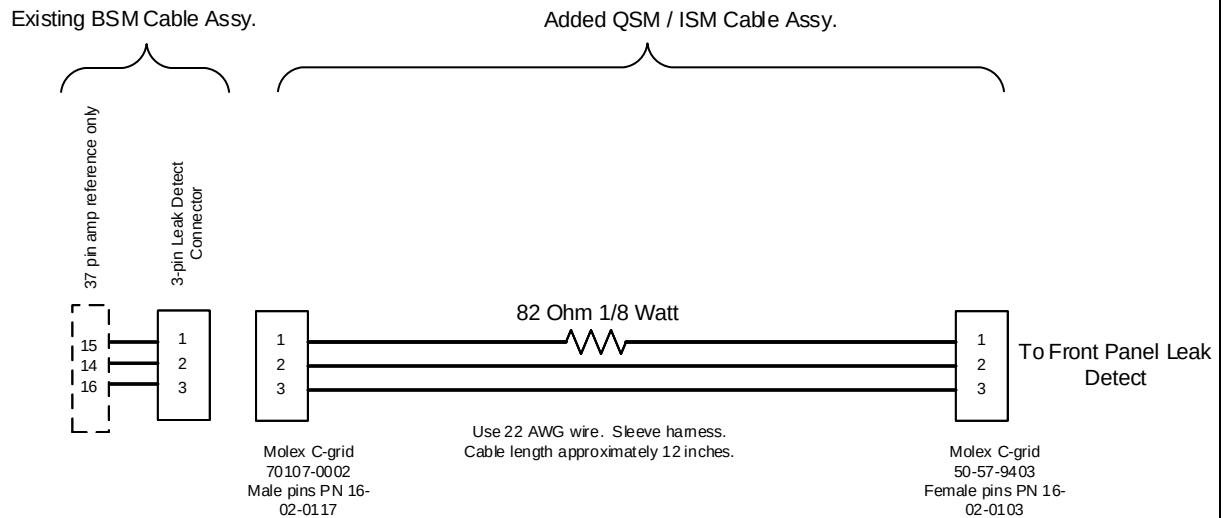
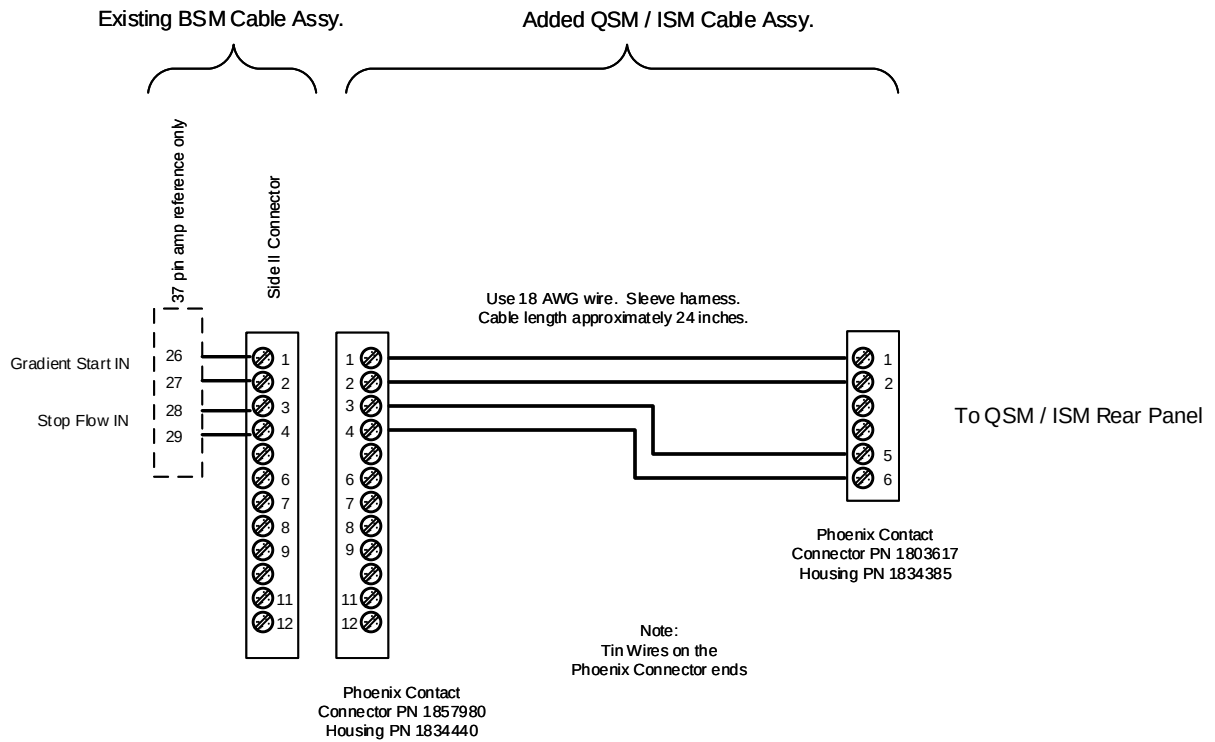
Tube End to Beaker Bottom Specifications:
R1-Balance: 0.25 +/- 0.125 inch
R2-Balance: 0.25 +/- 0.125 inch
EB-Balance: 0.25 +/- 0.125 inch
SW-Balance: 3.25 +/- 0.25 inch

Fluidic Hardware:

Tubing	Ferrule	Nut
WAT270714	WAT022367	2NU2316
WAT027-08	WAT271143	WAT270993
WAT027-08	410000890 (one piece nut/ferrule)	
430000715	410000890 (one piece nut/ferrule)	
WAT027-03	WAT022330	WAT025313

NOTE:
All specifications listed here are critical and must be maintained for the proper flow, and timing of flow, for this test station.

Fluidic Lines		SIZE	FSCM NO	DWG NO	REV
DRAWN	Ed Jackson			Acquity Pump Final Assembly Tester	G
ISSUED		SCALE	1 : 1	SHEET	6 OF 7



NOTE:

The Above 3-pin Leak Detect cable assembly was first introduced with the launch of the QSM, and can be used for all pumps. It should be a permanent addition. Without it, damage may occur when testing QSMs & ISMs.

Instrument QSM / ISM to Tester Cables		SIZE	FSCM NO	DWG NO	REV
DRAWN Ed Jackson				Acquity Pump Final Assembly Tester	G
ISSUED		SCALE	1 : 1	SHEET	7 OF 7