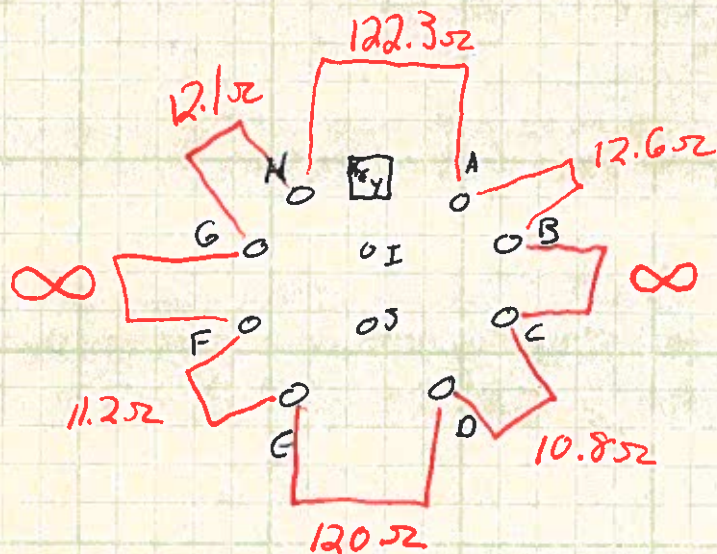


3/22/01

Quick and dirty sz check of feed through on
JLAB'S COOL DOWN HEAT EXCHANGER



THIS APPEARS TO CONFIRM FAXED DRAWING FROM AET to
JLAB DATE 10/21/93

PIN CONNECTIONS for CABLE THAT IS TO CONNECT
CONTROL BOX to feed through PIGTAIL

BOX END
FACING CONNECTOR

PIGTAIL END
FACING CONNECTOR

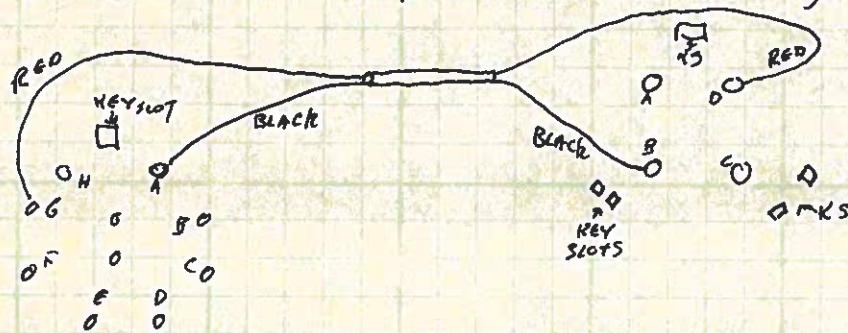


BLAME ANDY

4/9/01

REWIRING of JLAB's Jumper App. for LN₂ CONTROLLER

See FAX from AET DATED 10/21/93 To: S. LASSITER From: M. Margul
for PT LOCATIONS and pin out of feed through



♀ To Feed Through

♂ To CONTROLLER BOX CABLE

CONTINUITY Check

A-A ✓
A-Others Nope = ✓ = N.C.
A-B (PIGTAIL) ✓
B-B ✓
B-Others ✓
C-C ✓
C-Others ✓
D-D ✓
D-Others ✓
E-E ✓
E-Others ✓
F-F ✓
F-Others ✓
G-G ✓
G-Others ✓
G-O (PIGTAIL) ✓
H-H ✓
H-Others ✓

MEASURED RESISTANCE @ feed through (Ω)

TERMS	R (Ω)
G-H	120.2 12.1
H-A	121.5
A-B	12.6
G-A	120.2 ←
H-B	122.2
F-G	11.2
G-D	119.7
D-C	10.7
F-D	119.0
F-C	117.9
G-C	118.6

N₂
VENT
TEMP

Mixed He
TEMP

(A, B, G, H) — (C, D, E, F) ∞