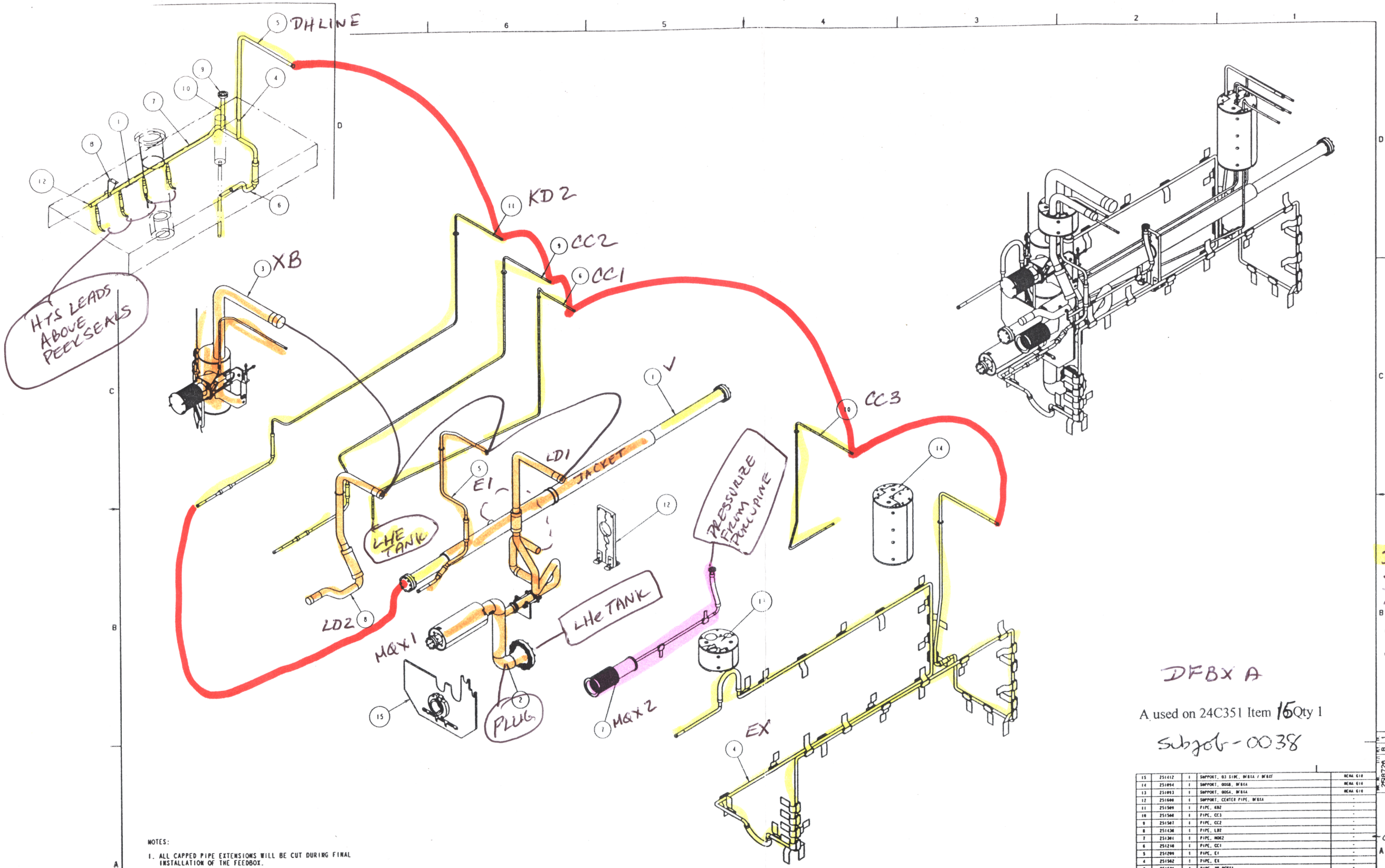

MQX2 CIRCUIT

JC1 CIRCUIT
XB
LD2
E1
LD1
MQX1
JACKET

JC2 CIRCUIT
DH LINE
KD2
CC2
CC1
CC3
EX (E2)
V

DFBX A

A used on 24C351 Item 15 Qty 1

subjob-0038

NOTES:

1. ALL CAPPED PIPE EXTENSIONS WILL BE CUT DURING FINAL INSTALLATION OF THE FEEDBOX.
2. DIMENSIONS ARE IN INCHES [mm] UNLESS OTHERWISE SPECIFIED.
3. ALL PIPES TO BE INSULATED PER MLI SPECIFICATION PROVIDED BY VENDOR AND SUBJECT TO LBNL APPROVAL. IN LOCATIONS WHERE PIPES PASS THROUGH SUPPORT ASSEMBLIES, INSULATION IS TO BE WRAPPED WITH KAPTON TAPE FOR PROTECTION FROM ABRASION DURING THERMAL CYCLING.

THIRD ANGLE PROJECTION

ITEM	PART NO	REQD	DESCRIPTION	MATERIAL
15	251612	1	SUPPORT, Q3 SIDE, BFBIA / BFBST	BEAM 610
14	251694	1	SUPPORT, QQSB, BFBIA	BEAM 610
13	251693	1	SUPPORT, QQSA, BFBIA	BEAM 610
12	251600	1	SUPPORT, CENTER PIPE, BFBIA	-
11	251509	1	PIPE, KD2	-
10	251568	1	PIPE, CC3	-
9	251567	1	PIPE, CC2	-
8	251638	1	PIPE, LD2	-
7	251301	1	PIPE, MQX2	-
6	251248	1	PIPE, CC1	-
5	251209	1	PIPE, E1	-
4	251562	1	PIPE, EX	-
3	251526	1	PIPE, XB BFBIA	-
2	251515	1	PIPE WELDMENT, LD1 AND DBX DUCT	-
1	251510	1	V PIPE & JACKET ASSEMBLY	-

REV	DWG	CHK	ZONE	DATE	CHANGES
B	ARH	DPO		10/29/02	UPDATED SUBASSEMBLY VIEWS
A	MJE	DPO		11/25/02	INITIAL RELEASE

UNLESS OTHERWISE SPECIFIED
TOLERANCES
X.X ± 0.1 FRAC. ± 1/64
X.XX ± 0.03 Angles ± 1.0°
X.XXX ± 0.010 FINISH 63 µin
DO NOT SCALE PRINT
BREAK ALL SHARP EDGES
CONTOUR ZONE 6" ALL OTHER RADIUS 30"
CNC RADII, 1.5 RADIUS ALL OTHER MECHANICS RADIUS
RADII USED ARE STD. AT MECHANICS HAND
SCRAPE RADII, TOOL DIAMETER 1 RADIUS EQUAL TO ACCURACY WITH ARC TOLER. 1 RADIUS

SHOP ORDERS
ENGR. TAG
PROJECT
DRAWN
CHECKED
APPROVED

ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA · BERKELEY
LHC IR FEEDBOX
CRYOGENICS
PIPING DFBIA IP1, LEFT 24C351

ENGR. MATER.	DWL PIPE	ENGR. GR.	SCALE: 0.125
	ASSEM	-	SHEET 1 OF 8
PURCH. CLASS	ELEMENT ACCT. NO.	CURRENT CODE	DWG. NO. SIZE REV.
	Z5LCE2	LH2003	2518726 B

DRAWN: ERICKS 29-Nov-02
CHECKED: B. OSGATZ 11/25/02
APPROVED: B. OSGATZ 11/25/02

2518726 B

CFM
CFM