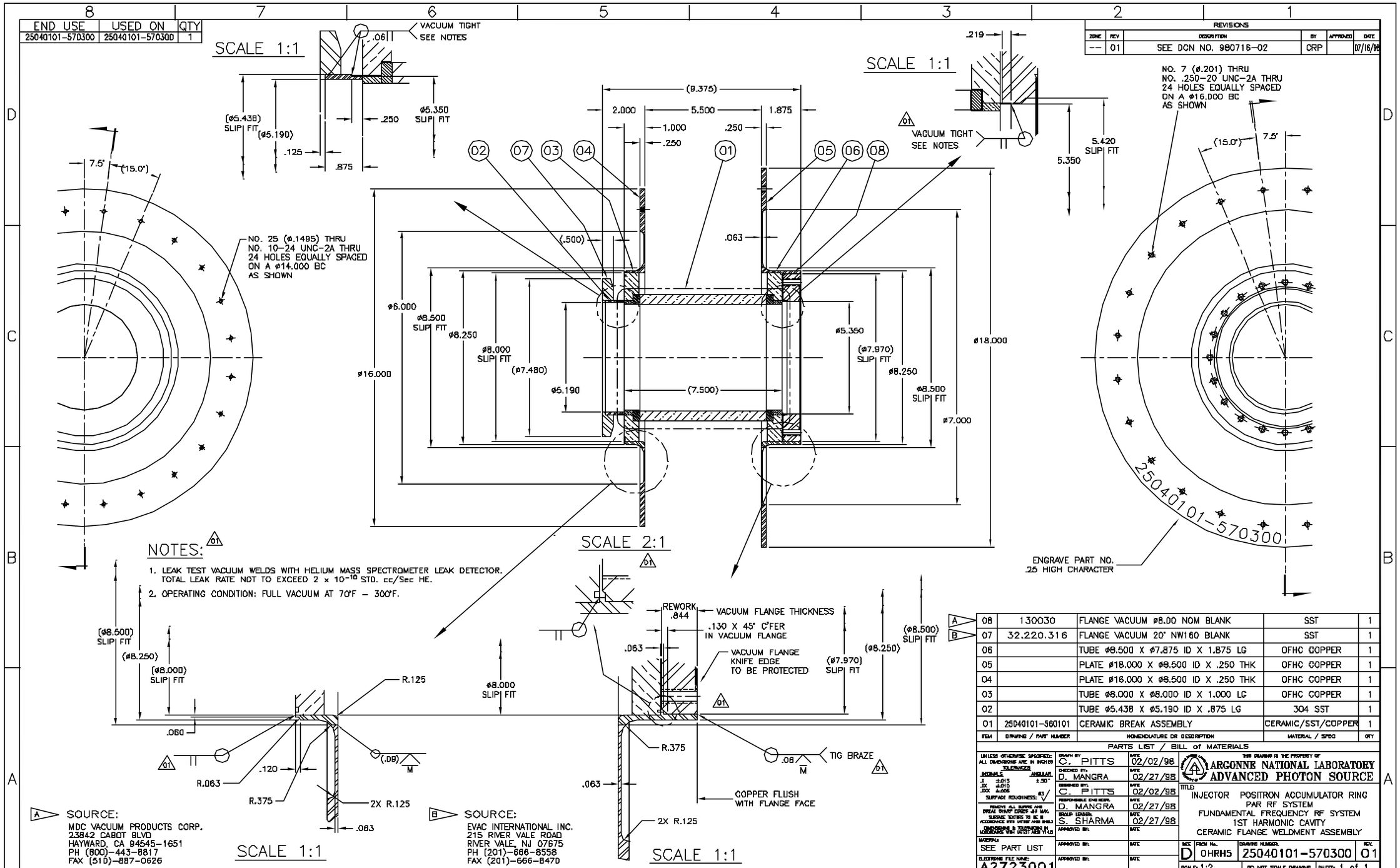
(D)	PLOT SCALE:1=2.0	DWG. SCALE:2.0	A2723001

END USE	USED ON	QTY
25040101-570300	25040101-570300	1

REVISIONS					
ZONE	REV	DESCRIPTION	BY	APPROVED	DATE
--	01	SEE DCN NO. 980716-02	CRP		07/16/98



NOTES:

1. LEAK TEST VACUUM WELDS WITH HELIUM MASS SPECTROMETER LEAK DETECTOR. TOTAL LEAK RATE NOT TO EXCEED 2 x 10^{-10} STD. cc/Sec HE.
2. OPERATING CONDITION: FULL VACUUM AT 70°F – 300°F.

A SOURCE:
MDC VACUUM PRODUCTS CORP.
23842 CABOT BLVD
HAYWARD, CA 94545-1651
PH (800)-443-8817
FAX (510)-887-0626

B SOURCE:
EVAC INTERNATIONAL, INC.
215 RIVER VALE ROAD
RIVER VALE, NJ 07675
PH (201)-666-8558
FAX (201)-666-8470

ITEM	DRAWING / PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
08	130030	FLANGE VACUUM ø8.00 NOM BLANK	SST	1
07	32.220.316	FLANGE VACUUM 20° NW160 BLANK	SST	1
06		TUBE ø8.500 X ø7.875 ID X 1.875 LG	OFHC COPPER	1
05		PLATE ø18.000 X ø8.500 ID X .250 THK	OFHC COPPER	1
04		PLATE ø16.000 X ø8.500 ID X .250 THK	OFHC COPPER	1
03		TUBE ø8.000 X ø8.000 ID X 1.000 LG	OFHC COPPER	1
02		TUBE ø5.438 X ø5.190 ID X .875 LG	304 SST	1
01	25040101-560101	CERAMIC BREAK ASSEMBLY	CERAMIC/SST/COPPER	1

PARTS LIST / BILL of MATERIALS

UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMALS: .1 ±.015; .X ±.010; .XX ±.005; .XXX ±.005
ANGULAR: ±30'
SURFACE ROUGHNESS: 63 √
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1
DIMENSIONS & TOLERANCES IN ACCORDANCE WITH ANSI Y14.5 M-1982
MATERIAL: SEE PART LIST
ELECTRONIC FILE NAME: A2723001

		DATE
DRAWN BY	C. PITTS	02/02/98
CHECKED BY:	D. MANGRA	02/27/98
DESIGNED BY:	C. PITTS	02/02/98
RESPONSIBLE ENGINEER:	D. MANGRA	02/27/98
GROUP LEADER:	S. SHARMA	02/27/98
APPROVED BY:		
APPROVED BY:		
APPROVED BY:		

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ARGONNE NATIONAL LABORATORY
ADVANCED PHOTON SOURCE

TITLE:
INJECTOR POSITRON ACCUMULATOR RING
PAR RF SYSTEM
FUNDAMENTAL FREQUENCY RF SYSTEM
1ST HARMONIC CAVITY
CERAMIC FLANGE WELDMENT ASSEMBLY

SIZE	FSCM No.	DRAWING NUMBER	REV.
D	0HRH5	25040101-570300	01

SCALE: 1:2 | DO NOT SCALE DRAWING | SHEET: 1 of 1

X.1.2.5.4.1.1