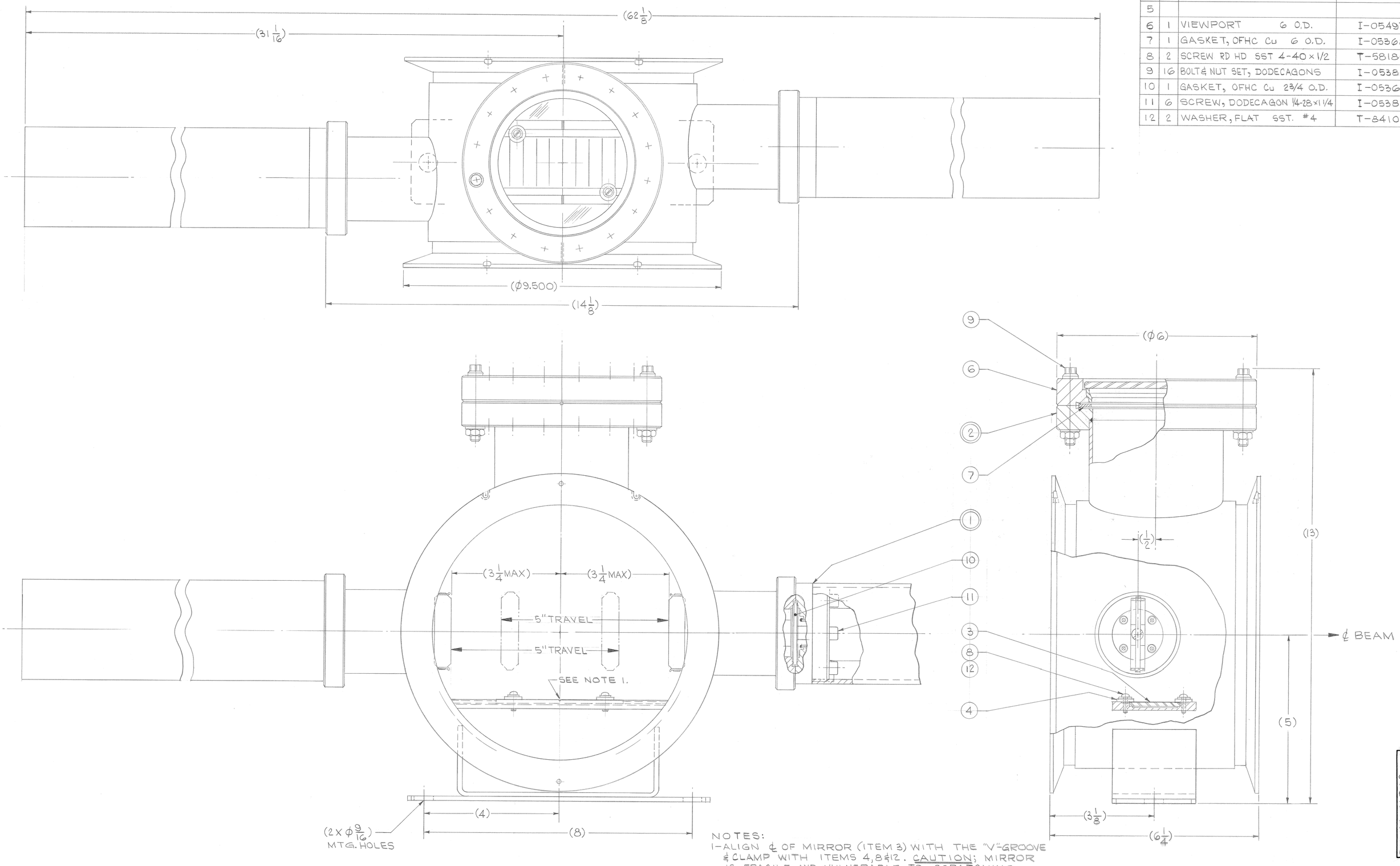
ITEM NO.	QTY.	DESCRIPTION	MAT'L. DWG. NO. OR BNL NO.
1	2	LINEAR MOTOR ASSY	D11-M-11827-5
2	1	VACUUM CHAMBER WELDMENT	D11-M-11809-5
3	1	MIRROR	D11-M-11810-3
4	2	WASHER, LEAD	D11-M-11811-2
5			
6	1	VIEWPORT 6 O.D.	I-05497
7	1	GASKET, OFHC Cu 6 O.D.	I-05368
8	2	SCREW RD HD SST 4-40 × 1/2	T-58180
9	16	BOLT & NUT SET, DODECAGONS	I-05384
10	1	GASKET, OFHC Cu 2 3/4 O.D.	I-05362
11	6	SCREW, DODECAGON 1/4-28 × 1 1/4	I-05382
12	2	WASHER, FLAT SST. #4	T-84104



NOTES:

1-ALIGN ℄ OF MIRROR (ITEM 3) WITH THE "V"-GROOVE & CLAMP WITH ITEMS 4, 8 & 12. CAUTION; MIRROR IS FRAGILE AND VULNERABLE TO SCRATCHING.

2-PRIOR TO ASSEMBLY, ITEM 2 SHALL BE ULTRA-SONICALLY CLEANED IN ALCOHOL FOR 2 HOURS.

3-ALL OTHER PARTS CLEAN AS APPLICABLE IN ACCORDANCE WITH SPEC SLS-07.12-1.

4-ASSEMBLE PARTS WITH CLEAN GLOVES AND TOOLS. COVER OPEN PORTS WITH CLEAN ALUM. FOIL WHEN ACCESS IS NOT REQUIRED.

REV.	ZONE	DESCRIPTION	BY	DATE	CKR	APP
B	—	REVISED & REDRAWN	L.S.	5-26-88	E.A.	E.R.

CODE #02

NO.REQ.	ACCT. NO.	I.L.R. NO.	ORDER NO.	DEPT.	JOB NUMBER	USED ON DWG. NO.	NO. PER ASSY
					D11-1M-152		1

DEC. ± — ANG. ± — TOLERANCE; MAX. — MIN. — BREAK SHARP EDGES

0-20" — 20"-60" — OVER 60" — FRACTIONAL TOLERANCE; FINISH √

DATE	MATERIAL	SCALE	WEIGHT
05-26-1988	SEE P/L	FULL	

DRAWN BY	CHECKED BY	ENG. APP.	SUPVR.APP.
L. SADINSKY	E. Rodger	E. Rodger	#5278

BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.
UPTON, N. Y. 11973

A. G. S.

LINEAR MOTOR TARGETS
HORIZ. VACUUM CHAMBER ASSY

DRAWING NUMBER: D11-M-11812 -5 REV. B

D11-M-11812 -5

BNL FORM NO. 1610