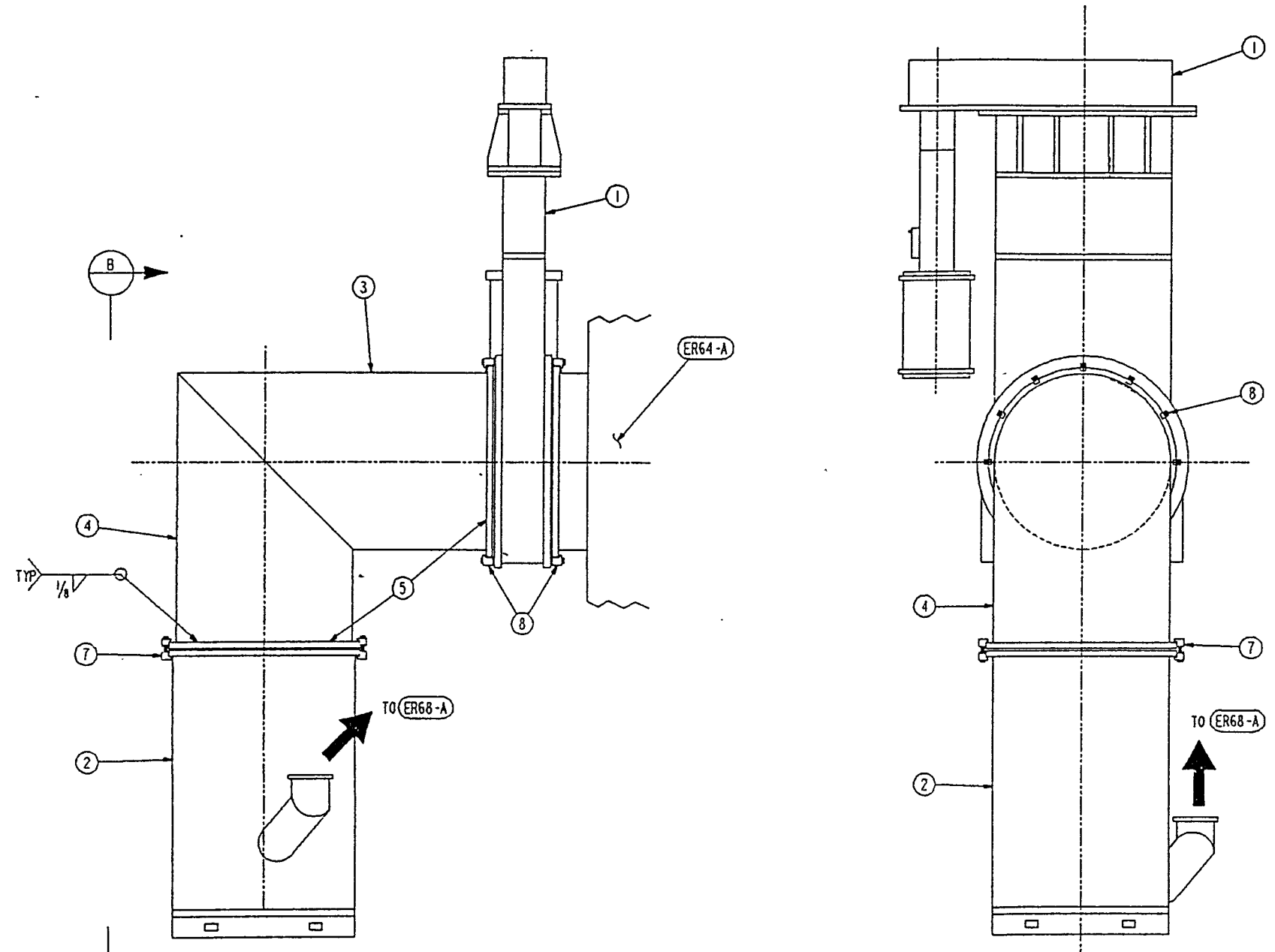


SUB ASSY
ASSY DWG
ER-62

#	MARK	ASSY PC	DESCRIPTION	LENGTH		SPEC	EST WEIGHT
				FT	INCHES		
# 1	ER67-A		DIFFUSION PUMP LINE SUBASSEMBLY				X
	ER67-1	1	UNY GATE VALVE DN 500 ISO-F (20 INCH) W/PNEUMATIC ACTUATOR (115V/60 Hz) "VAT" SERIES 10 ORDERING NO. 10054-PE44 OR EQUAL	0	6 1/8	STN STL	X
	ER67-2	1	DIFFUSION PUMP DIF 500A W/CONNECTIONS DN1 - DN 500 ISO-K AND DN2-DN 100 ISO-K PUMPING SPEED 11 500 L/S "BALZERS" ORDERING DATA - BP D10 005 OR EQUAL	2	8 1/8	STN STL	122
	ER67-3	1	PIPE 20 SCH 10 X SK (CF PIPE 39" LONG)			STN STL	X
	ER67-4	1	PIPE 20 SCH 10 X SK (CUT WITH PC 3)			STN STL	X
	ER67-5	2	FLANGE "K" WELD DN 500 ISO-K (20 INCH) TUBE 20 OD "LESKER" PART NO. OF500-SWK OR EQUAL	0	1 1/8	STN STL	X
	ER67-6	3	STAINLESS/AL CENTERING RING (BUNA-N) FOR ISO FLANGE SIZE 500 (20 INCH) "LESKER" PART NO. OF500-SABR OR EQUAL	0	7/32	STN/AL	X
	ER67-7	16	AL DOUBLE CLAMP "K"-STYLE FOR ISO FLANGE SIZE 500 (20 INCH) "LESKER" PART NO. OF-SDC-AL3 OR EQUAL			ALUM	X
	ER67-8	32	AL SINGLE CLAMP (METRIC) "F"-STYLE FOR ISO FLANGE SIZE 500 (20 INCH) THREAD M12 "LESKER" PART NO. OF-LSC-ALM OR EQUAL			ALUM	X

* BILLING FOR 1 + 3 REQUIRED.



APPROVED

M. Tellalian 11/10/95
CBI DATE

J. L. Ringelstetter 11/10/95
CALTECH DATE

- NOTES:**
1. WORK THIS DWG WITH DWG ER-61 AND ER-64.
 2. THE O-RING WHICH CAN ALLOW HELIUM TO PERMEATE TO THE HMS MUST BE BAGGED AND PURGED WITH NITROGEN OR REPLACED WITH METAL SEAL IF HELIUM PERMEATED PREVENTS LEAK TESTING TO A SENSITIVITY OF 1×10^{-8} atmcc/sec.

Date Received: 11/10/95	LIGO- D950067-02-B Contractor #: CBI ER-67, Rev. 2
TIM #:	LIGO-
Date: / /	Approved:
TDM #:	LIGO-
Date: / /	Approved:
Gen'l Transmittal	LIGO-
Date: / /	Approved:

Supplier's/Purchaser's No. _____	
CBI	
LIGO PROJECT LEAK TEST ARRANGEMENT	
VACUUM PUMP END SEAL DIFFUSION PUMP LINE SUBASSEMBLY	
Customer's No. _____	Contract No. 930212ER
By BSA Chkd RDS Date 3-11-94	Dwg. ER-67 Rev. 2
J. L. RINGELSTETTER Engineering Supervisor	Sheet - 2
LIGO-D950067-02-B	

INDICATES CHANGE FROM PREVIOUS ISSUE