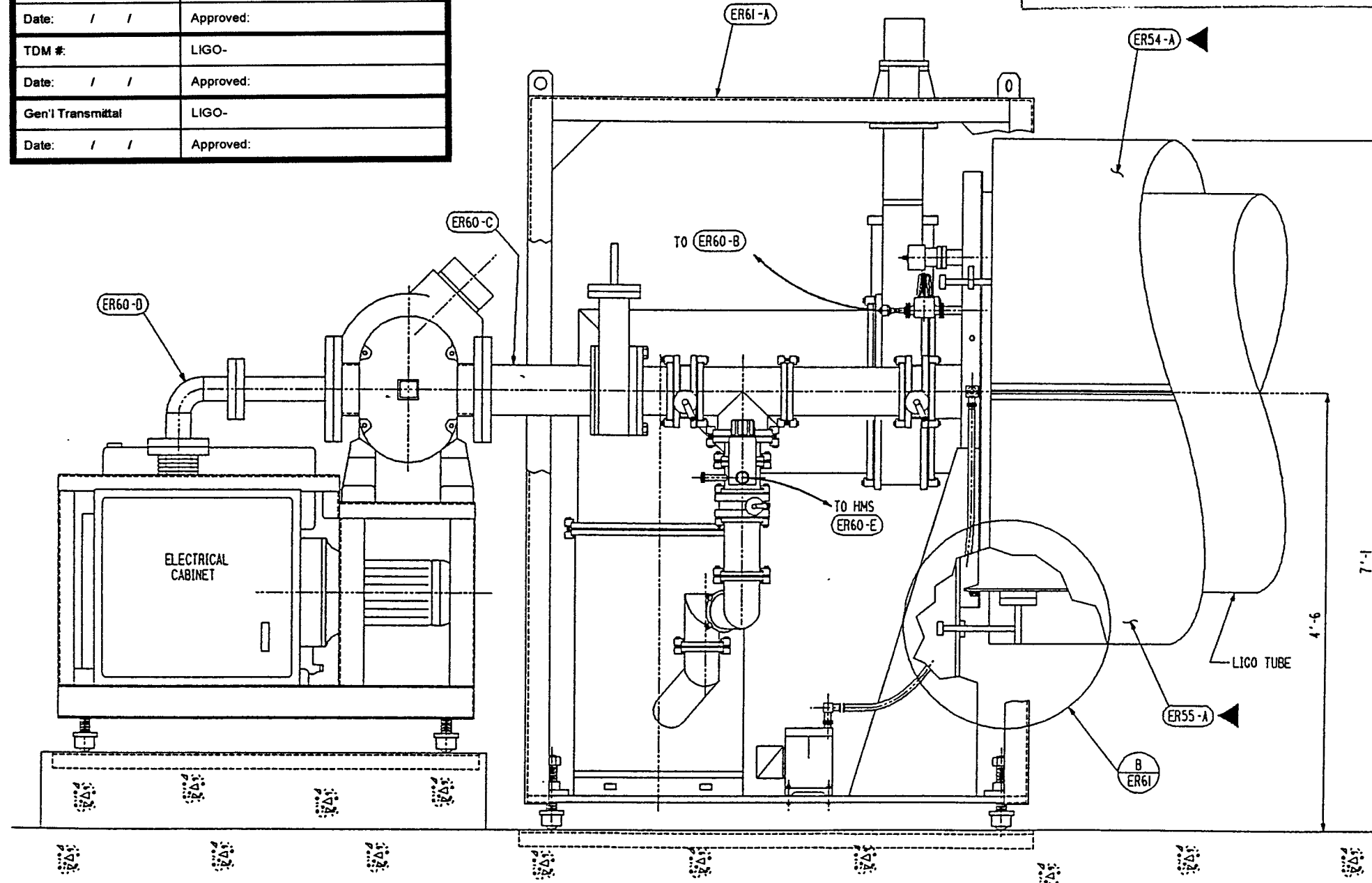


APPROVED

M. Sellalim 11/10/95
CBI DATE

J. Rigalstetter 11/10/95
CALCUL DATE

Date Received: 11/10/95	LIGO-D950060-02-B Contractor #: CBI ER-60 Rev.2
TIM #:	LIGO-
Date: / /	Approved:
TDM #:	LIGO-
Date: / /	Approved:
Gen'l Transmittal	LIGO-
Date: / /	Approved:



SHP PC	MARK	ASSY PC	DESCRIPTION	LENGTH		SPEC	EST WEIGHT
				FT	INCHES		
* 1	ER61-A		ROLLING VACUUM END SEAL ASSEMBLY				X
* 1	ER60-B		LVH MULTI-GAUGE 115 VAC/60 HZ "VARIAN" PART NO. L8321301				X
* 1	ER60-C		SPOOL ASSEMBLY				X
	ER60-1	1	FULL NIPPLE WITH 8 ASA ROTTABLE TWO GROOVED FLANGES "LESKER" PART NO. AFN11X060L2R OR EQUAL			STN STL	X
	ER60-2	2	O-RING 6 ASA SIZE "LESKER" PART NO. O-Y265 OR EQUAL			VITON	X
	ER60-3	16	BOLT 3/4 DIA REG FIN HEX HEAD	0	2 1/2	A307B	X
	ER60-4	16	PLAIN WASHER 3/4 DIA NARROW			CARB STL	X
	ER60-5	16	NUT 3/4 DIA REG FIN HEX			A563A	X
* 1	ER60-D		MECHANICAL VACUUM PUMP UNIT				2300
	ER60-6	1	ASSEMBLY OF "LEYBOLD" RUVAC WAU2001 SINGLE-STAGE ROOT PUMP CAT. NO. 91751 AND DK200 ROTARY PISTON PUMP CAT. NO. 89503-1 MOUNTING ON 32-INCH WIDE FRAME "INDELCO"				X
	ER60-7	4	ACME ROD 1/4 DIA - 5TPI RIGHT-HAND THD "McMASTER-CARR" NO. 98935A131	0	6	CARB STL	X
	ER60-8	4	FLANGE MOUNTED UNIT - 1/2 DIA BALL TRANSVER HIGH CAP. "McMASTER-CARR" NO. 2415T64 ZINC PLATED			CARB STL	X
	ER60-9	4	ACME NUT 1/4 DIA - 5TPI RIGHT-HAND THD "McMASTER-CARR" NO. 94815A116			CARB STL	X
	ER60-10	4	ACME BRONZE ROUND NUT 1/4 DIA - 5TPI RIGHT-HAND TRD "McMASTER-CARR" NO. 95072A118			BRONZE	X
	ER60-11	4	ACME MOUNTING FLANGE 1/4 DIA "McMASTER-CARR" NO. 95082A645			CARB STL	X
* 1	ER60-E		HELIUM MASS SPECTROMETER ULTRATEST UL400 HELIUM LEAK DETECTOR "LEYBOLD" CAT. NO. 89635-100 WITH OPTIONAL HIGH SENSITIVITY 2 X 10 ⁻⁴ atm cc/sec OR EQUAL				330

* BILLING FOR 1: 3 REQUIRED.

NOTES:

1. WORK THIS DWG WITH DWG ER-61.
2. BALL TRANSVER UNIT DETAIL SEE DWG ER-63.
3. DIFFUSION PUMP SKID AND ROUGHING PUMP SKID CAN BE COMBINED IF DESIRABLE.

CAD FILE 30212060.DGN

Supplier's/Purchaser's No. _____	
CBI	
LIGO PROJECT LEAK TEST ARRANGEMENT VACUUM PUMP END SEAL	
Customer's No. _____	Contract No. 930212ER
By BSA Chkd ROS Date 3-9-94	Dwg. ER-60 Rev. 2
J. L. RIGALSTETTER Engineering Supervisor	
LIGO-D950060-02-B	

INDICATES CHANGE FROM PREVIOUS ISSUE