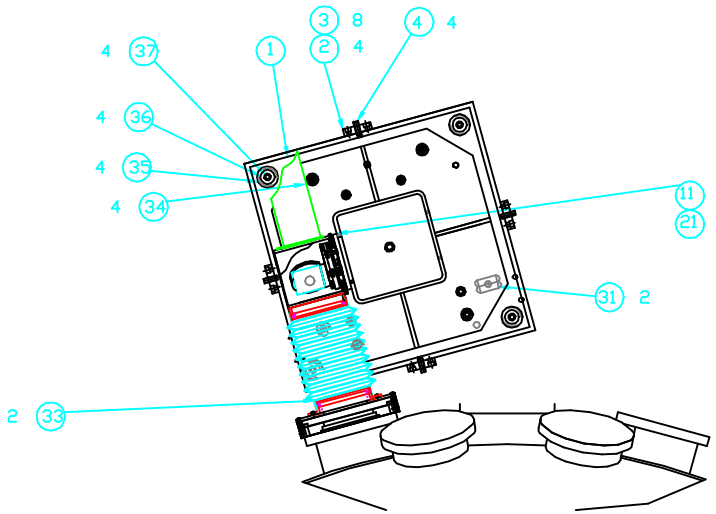

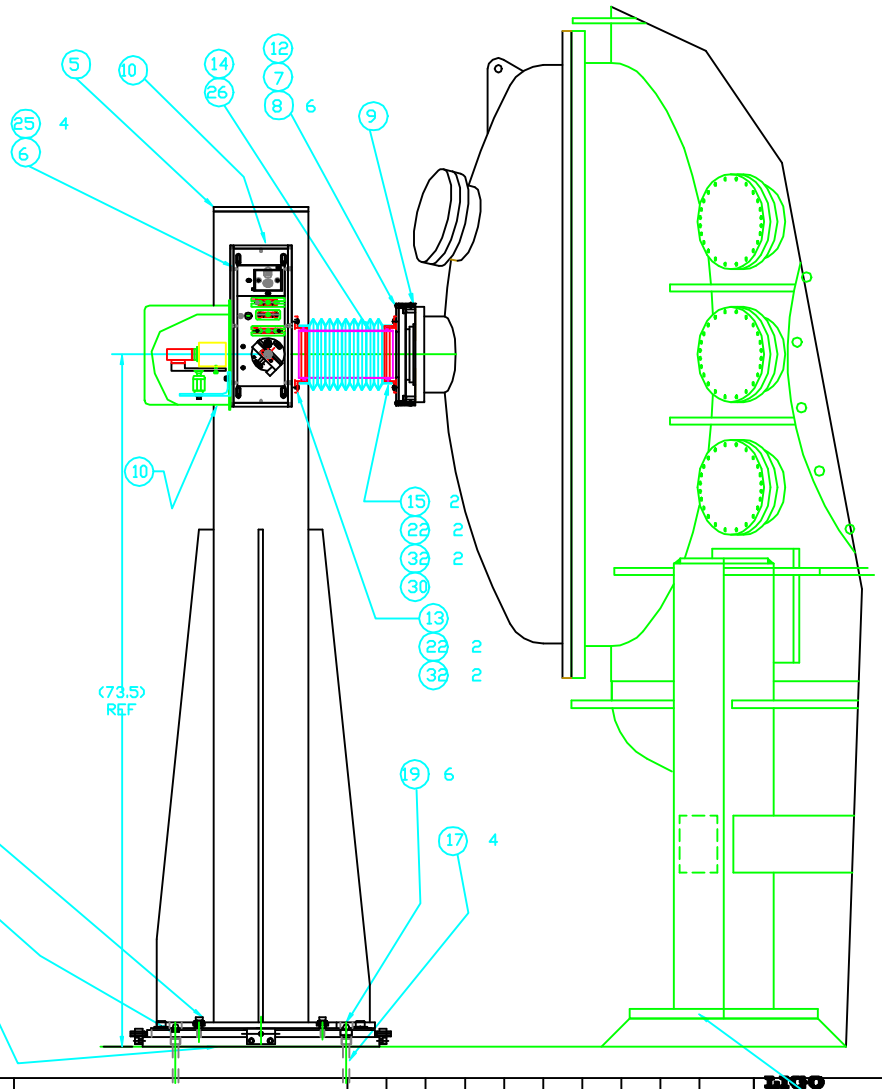

38	1	3015T24	5/8# TUBE CLAMP	MCMASTER-CARR
37	4	91259A796	5/8# x 1.25 SHCS	MCMASTER-CARR
36	4	92141A035	5/8# FLAT WASHER	MCMASTER-CARR
35		NOT USED		-
34	4	92196A716	1/2-13 x 1.5 SHCS	MCMASTER-CARR
33	2	5416K35	HOSE CLAMP	MCMASTER-CARR
32	4	92141A029	1/4 FW	MCMASTER CARR
31	2	D970204-A-D	CARBIDE RODS	-
30	1	7127 SS	LIP SEAL	JOHNS-MANVILLE
29	4	C13-6	THRUST WASHER	INCRO
28	20	B1000-043-S	BELLEVILLE WASHER	ASSOCIATED SPRING
27	4	90259A710	1/20 x .75 LG SHOULDER SCREW	MCMASTER-CARR
26	1	D970198-A-D	BEAM TUBE	-
25	8	92196A342	1/4-20 x 1.00 SHCS	MCMASTER CARR
24		NOT USED		-
23		NOT USED		-
22	4	92196A537	1/4-20 x .50 SHCS	MCMASTER-CARR
21	8	92196A544	1/4-20 x 1.25 SHCS	MCMASTER-CARR
20		NOT USED		-
19	6	9538K32	5/8 DIA CARBIDE BALL	MCMASTER-CARR
18	1	3289A63	CARBIDE INSERT	MCMASTER-CARR
17	4	91579A402	5/8 X 6 WEDGE ANCHOR	MCMASTER-CARR
16	1	D970202-A-D	GROUT PLATE	-
15	1	D970206-A-D	SEAL MOUNT - VIEWPORT	-
14	1	C1-6	GORTITE BELLOWS COVER	A & A MANUFACTURING
13	1	D970207-A-D	SEAL MOUNT - LEVER	-
12	1	D990672-A-d	SPACER	-
11	1	D990517-A-D	SPACER PLATE	-
10	2	Z-222	INSULATION GROMMET	MINOR RUBBER
9	1	D970216-A-D	VIEWPORT RING MOUNT	-
8	6	92949A537	1/4-20 x 1/2" LG SHCS	MCMASTER-CARR
7	1	D970197-A-D	VIEWPORT ADAPTER PLATE	-
6	1	D990414-A-D	ETM X-MISSION MONITOR ASSY	-
5	1	D970193-A-D	SUPPORT STAND	-
4	4	92311A716	1/2-13 x 1.5 SETSCREW	MCMASTER-CARR
3	8	92196A628	3/8-16 x 1.5 SHCS	MCMASTER-CARR
2	4	D970192-A-D	LINEAR ADJUST PLATE	-
1	1	D970191-A-D	BASE PLATE	-
REF.	QTY.	PART NO.	DESCRIPTION	SUPPLIER

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

TOLERANCES:
FRACTIONAL ± 1/16(.16)
ANGULAR ± 1°
TWO PLACE DECIMAL ± .01(.025)
THREE PLACE DECIMAL ± .005(.013)

FINISHED SURFACE RMS 63
BREAK CORNERS IN: OUT: .02
REMOVE ALL BURRS

MATERIAL: -
HEAT TREAT: -
FINISH: -

USED ON: -
NEXT ASS'Y: -

DWG. NO.	DESCRIPTION
REFERENCE DRAWINGS	

REV	DESCRIPTION	DCC	SYS	DET	CDS	VE	CC	BT	CHECK	DRWN	DATE
A	INITIAL RELEASE									SMITH	4/00
00	PRE-RELEASE									MASON	7/98

ISSUE DESCRIPTION

LIGO
CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

ETM TRANSMISSION MONITOR ALIGNMENT SENSING CONTROL

CAD FILE	SIZE	DWG NO.
D980341-A.dwg	D	D980341-A-D
SCALE 1:6	SHEET 1 of 1	