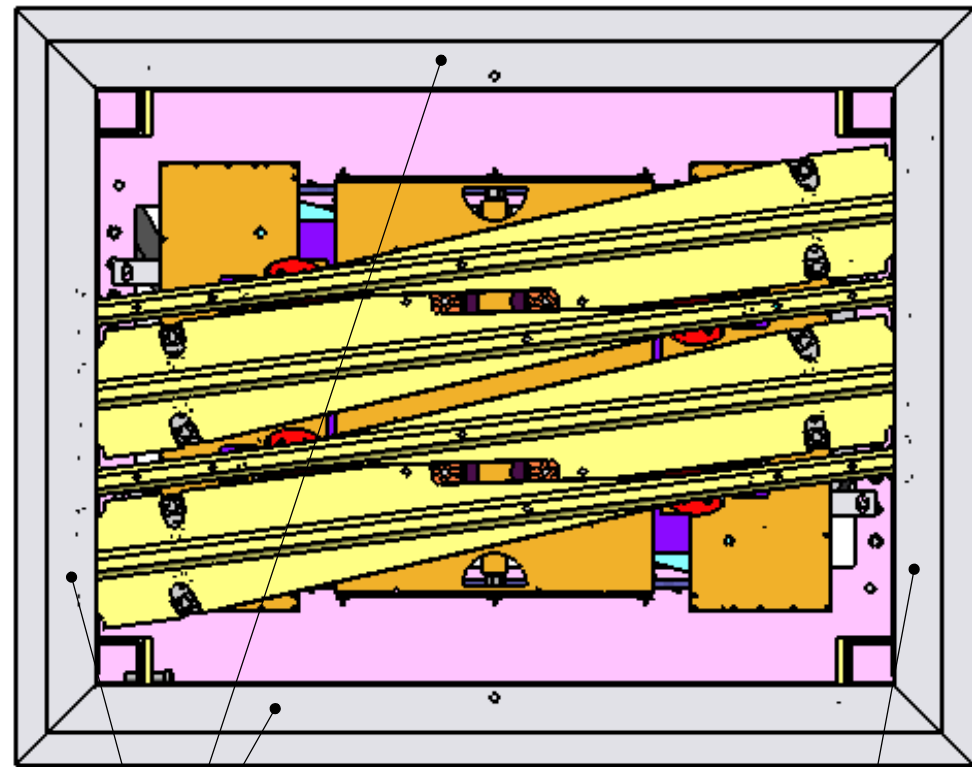
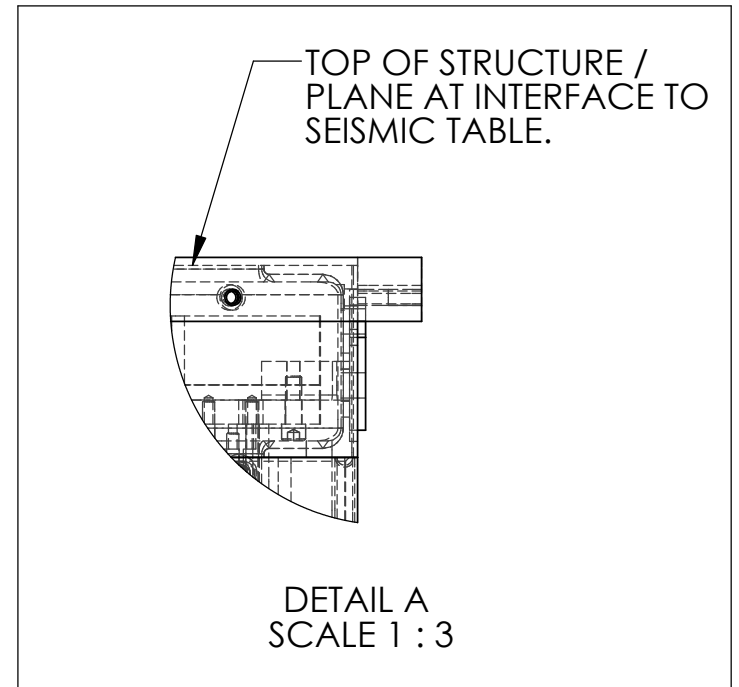
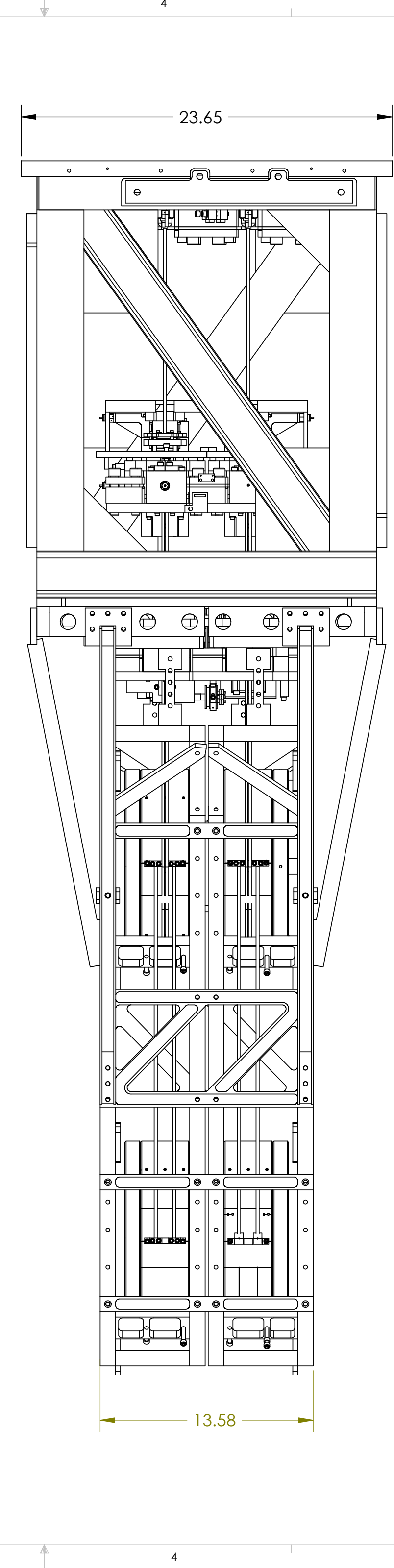
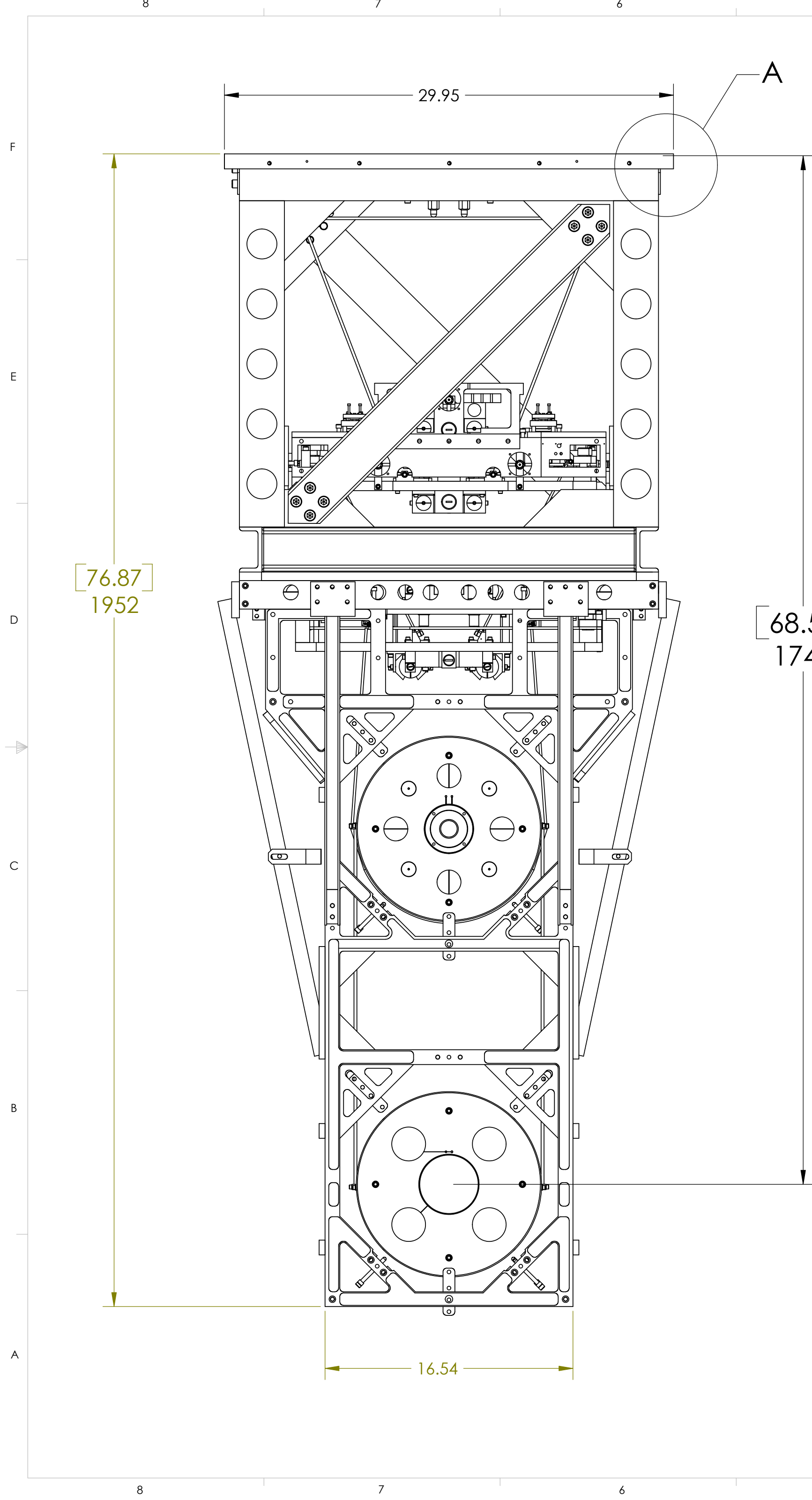


REV.	DATE	DCN #	DRAWING TREE #
A	MAR 6th 2006	E060057-00	E060059-A
A1	MAR 23rd 2006	Same DCN & DRAWING TREE	



INTERFACE WITH THIS SURFACE /  
PLANE AT INTERFACE TO SEISMIC  
OPTICAL TABLE.  
FOR MATING THIS ASSEMBLY AS A  
SUB-ASSEMBLY USE THE PLANES.

ITEM NO.	REQ	SPARE	TOTAL	PART NUMBER	DESCRIPTION	MATERIAL
1	0	0	0	D040401	SUSPENSION & STRUCTURE ASSEMBLY IN ITS SUSPENDED CONFIGURATION	---

**NOTES: (UNLESS OTHERWISE SPECIFIED)**

- DO NOT SCALE FROM DRAWING.
- INCLUDES QUAD ASSEMBLY IN ITS SUSPENDED STATE.
- NUMBERS QUOTED ARE FROM THE SEISMIC TABLE TO THE CENTRE OF THE OPTIC AND FROM THE SEISMIC TABLE TO THE BOTTOM OF THE STRUCTURE.
- THE WIDTH AND DEPTH OF THE STRUCTURE AT THE TOP AND BOTTOM ARE ALSO QUOTED.
- REFERENCE LIGO-D050266 FOR FULL DETAILS ON ENVELOPE.

**PARTS LIST**

DIMENSIONS ARE IN INCHES  
TOLERANCES:  
.XX ± 0.01  
.XXX ± 0.005  
ANGULAR ± 0.5 °

**FINISH** N/A µ inch

NAME	DATE
C. TORRIE	MARCH 2006

**DRAWN** C. TORRIE  
**CHECKED**  
**APPROVED**

**SCALE:** NTS **PROJECTION:**

**SYSTEM** CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
IGR, GLASGOW UNIVERSITY GEO 600 GROUP

**SUSPENSION & STRUCTURE ASSEMBLY**  
ADVANCED LIGO  
SUB-SYSTEM SUS  
NEXT ASSY CPTYPE ETM SUSPENSION  
PART NAME QUAD ASSEMBLY (SUSPENDED)

SIZE DWG. NO. D040400  
REV. A1  
SCALE: NTS PROJECTION: SHEET 1 OF 1