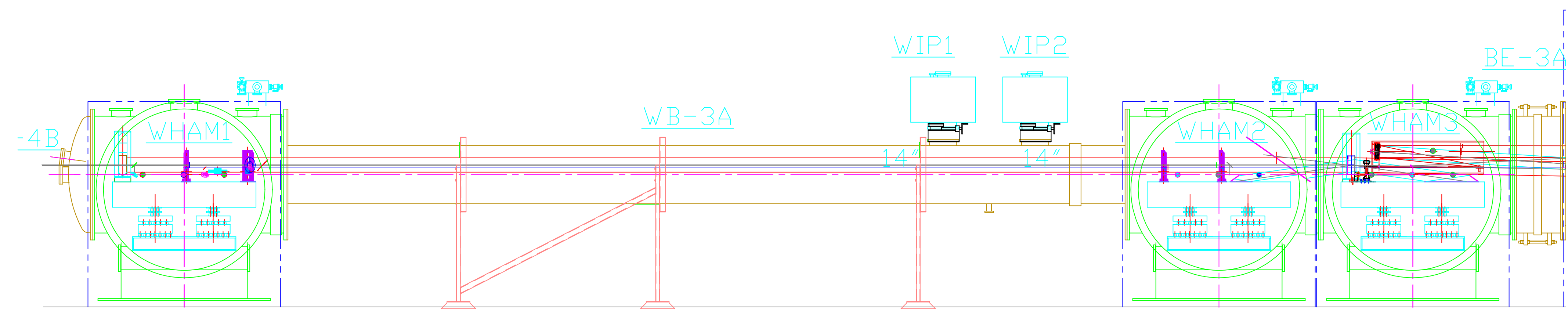
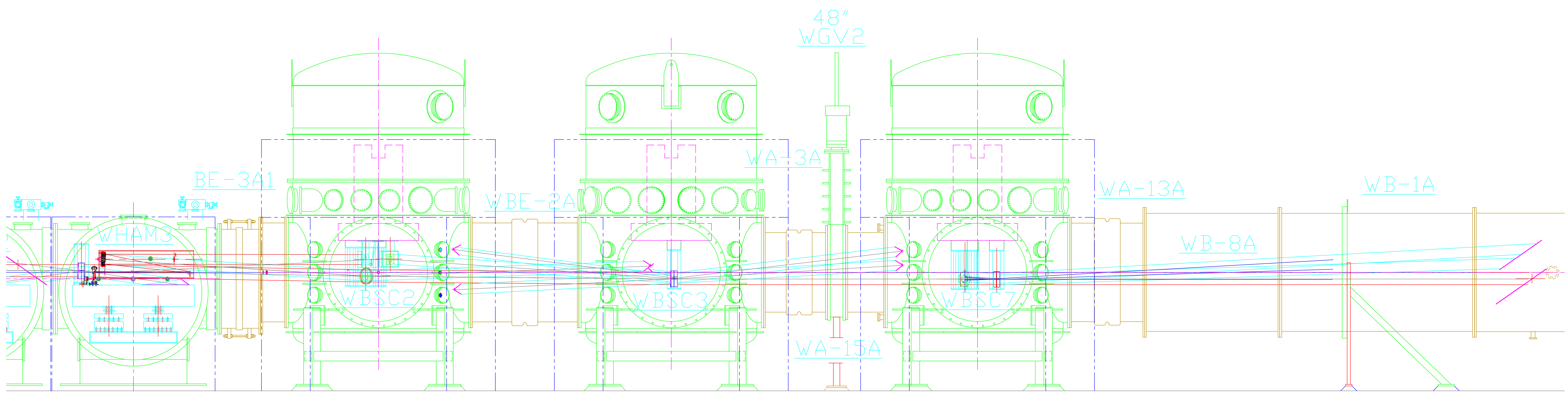


- NOTES:
1. NOT SHOWN YET IN ELEVATION:
- CLEAN ROOMS
- PIPING UNDER VACUUM MANIFOLD
 2. ONLY SEI EXTERNAL ENVELOPE AND OPTICS TABLES ARE SHOWN AROUND EACH CHAMBER.

ELEVATION "A-A" SEE D970308, SHEET 1
VERTEX-RIGHT BEAM MANIFOLD



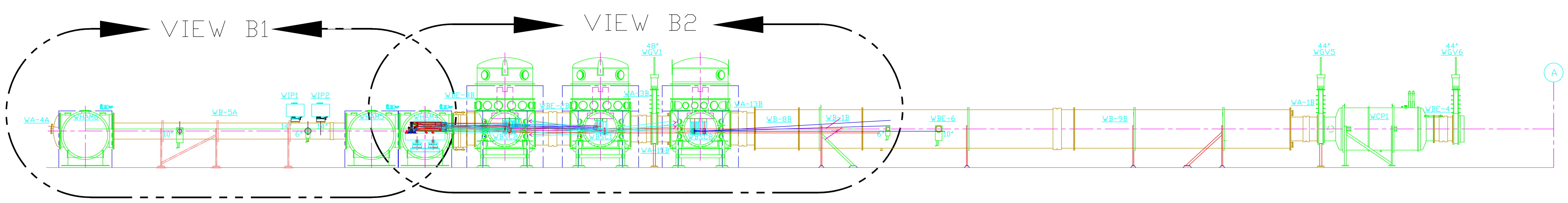
VIEW A1



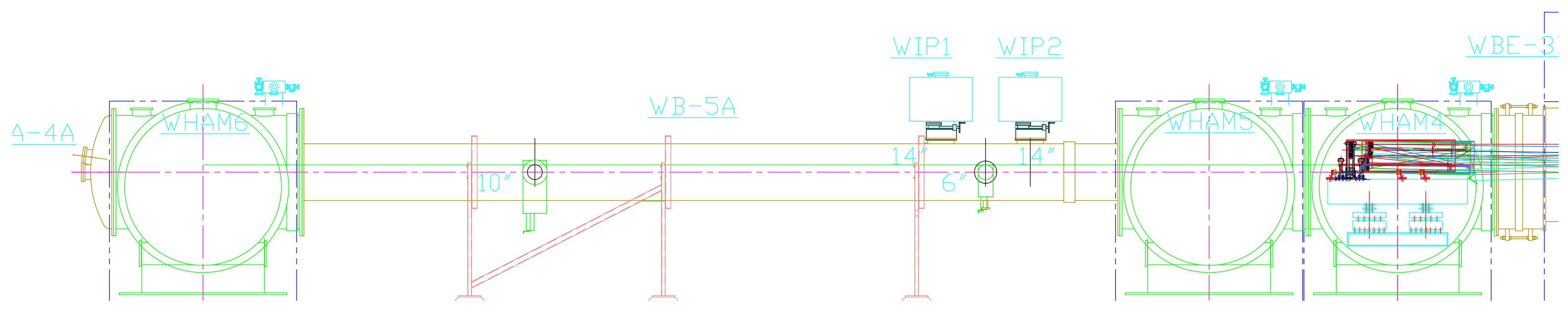
VIEW A2

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN FEET (in)												LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
TOLERANCES: FRACTIONAL: ±												INTERFEROMETER OPTOMECHANICAL LAYOUT HANFORD SITE-ELEVATION VIEW LASER VACUUM EQUIPMENT AREA (LVEA) VERTEX RIGHT BEAM MANIFOLD	
ANGULAR: ±												CAD FILE: D970309-01-e1	
TWO PLACE DECIMAL: ±												SIZE: E	
THREE PLACE DECIMAL: ±												D970309-01	
FINISHED SURFACE: RNS												SCALE: NTS	
BREAK CORNERS: IN												SHEET: 1 OF 4	
REMOVE ALL BURRS													
DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION	DO NOT SCALE THIS DRAWING	00	PRE-RELEASE	-	-	KABOT	03-6-98			
		REFERENCE DRAWINGS		USED ON:	01	PRE-RELEASE	-	-	KABOT	07-22-97			
				NEXT ASS'Y:	REV	DESCRIPTION	DCN NUMBER		DRWN	DATE			
						ISSUE DESCRIPTION							

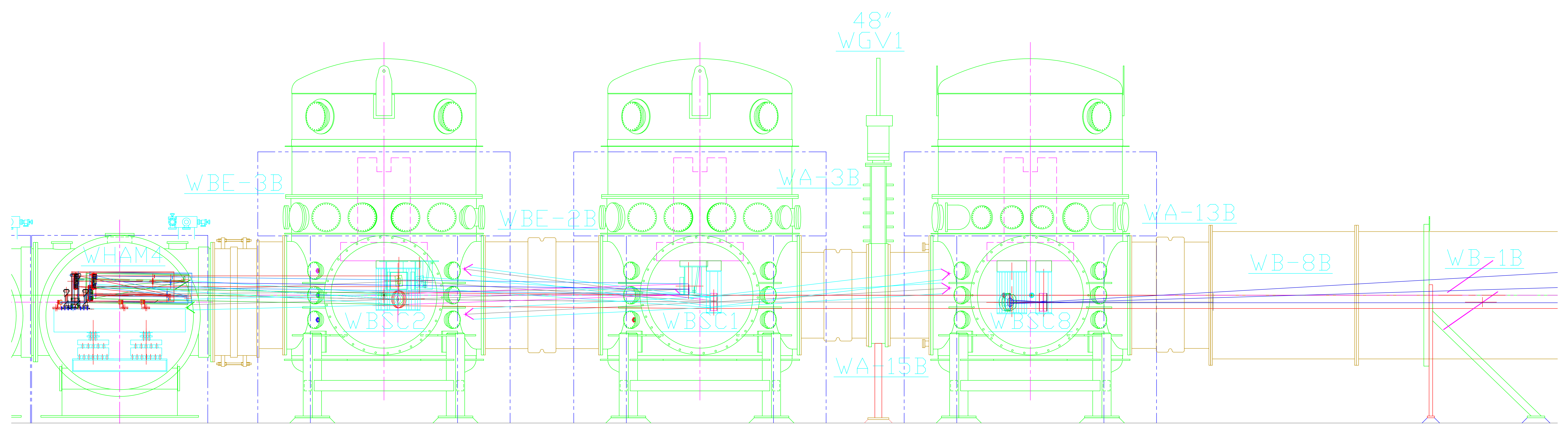
- NOTES:
1. NOT SHOWN YET IN ELEVATION
- CLEAN ROOMS
- PIPING UNDER VACUUM MANIFOLD
 2. ONLY SEI EXTERNAL ENVELOPE AND OPTICS TABLES ARE SHOWN AROUND EACH CHAMBER



ELEVATION "B-B" SEE D970308 SHEET 1
VERTEX-LEFT BEAM MANIFOLD

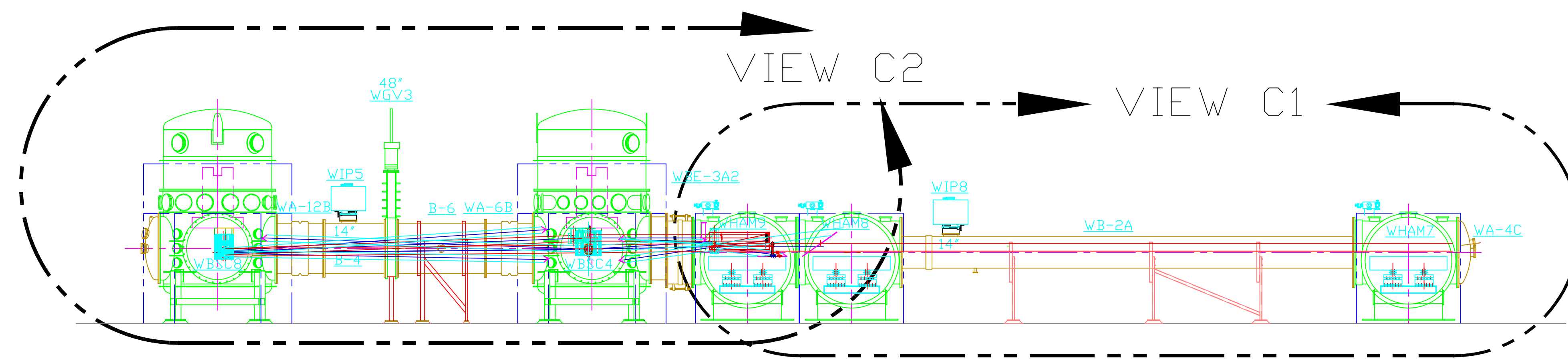


VIEW B1



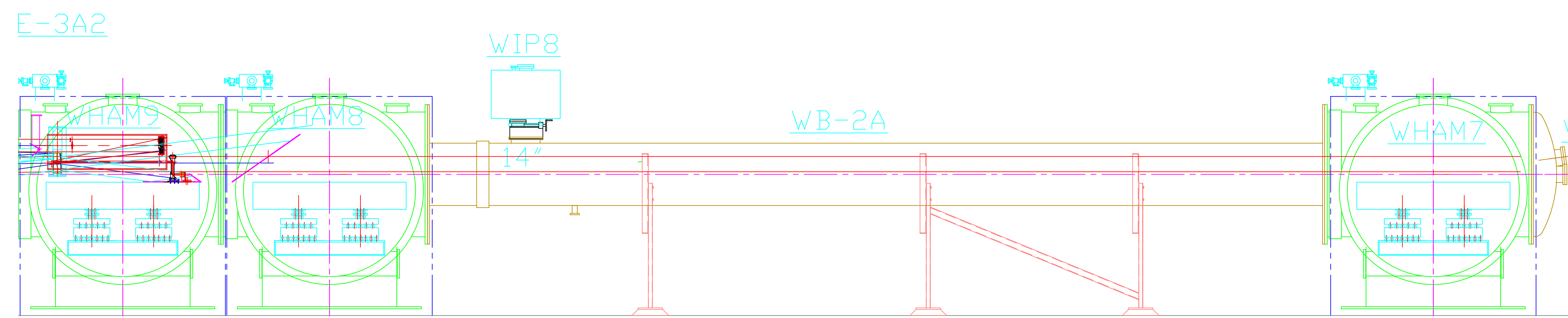
VIEW B2

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN FEET (60) TOLERANCES: FUNCTIONAL & ANGULARMACH & BEND & TWO PLACE DECIMAL & THREE PLACE DECIMAL & FINISHED SURFACE, IN & BREAK CORNERS IN & OUT REMOVE ALL BARS		01 PRE-RELEASE		-		KABDT 03-6-98	
DO NOT SCALE THIS DRAWING		00 PRE-RELEASE		-		KABDT 07-22-97	
USED ON:		REV		DESCRIPTION		DCN NUMBER	
NEXT ASSY:		REV		DESCRIPTION		ISSUE DESCRIPTION	
DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION
REFERENCE DRAWINGS		SCALE		NTS		SHEET 2 OF 4	
<p style="text-align: right;">LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY</p> <p style="text-align: center;">INTERFEROMETER OPTOMECHANICAL LAYOUT HANFORD SITE-ELEVATION VIEW LASER VACUUM EQUIPMENT AREA (LVEA) VERTEX-LEFT BEAM MANIFOLD</p> <p style="text-align: right;">CAD FILE: D970309-01-s2.dwg SIZE: E DWG. NO.: D970309-01</p>							

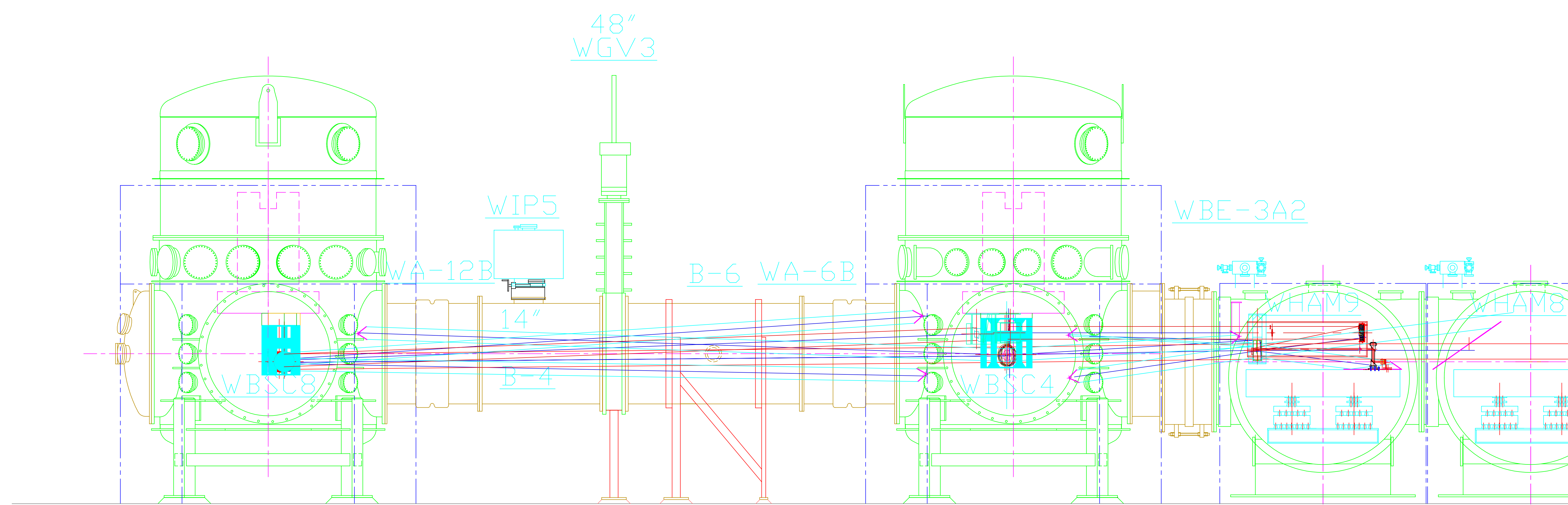


- NOTES:
1. NOT SHOWN YET IN ELEVATION:
 - CLEAN ROOMS
 - PIPING UNDER VACUUM MANIFOLD
 2. ONLY SEI EXTERNAL ENVELOPE AND OPTICS TABLES ARE SHOWN AROUND EACH CHAMBER.

ELEVATION "C-C" SEE D970308, SHEET 1
LEFT BEAM MANIFOLD-DIAGONAL

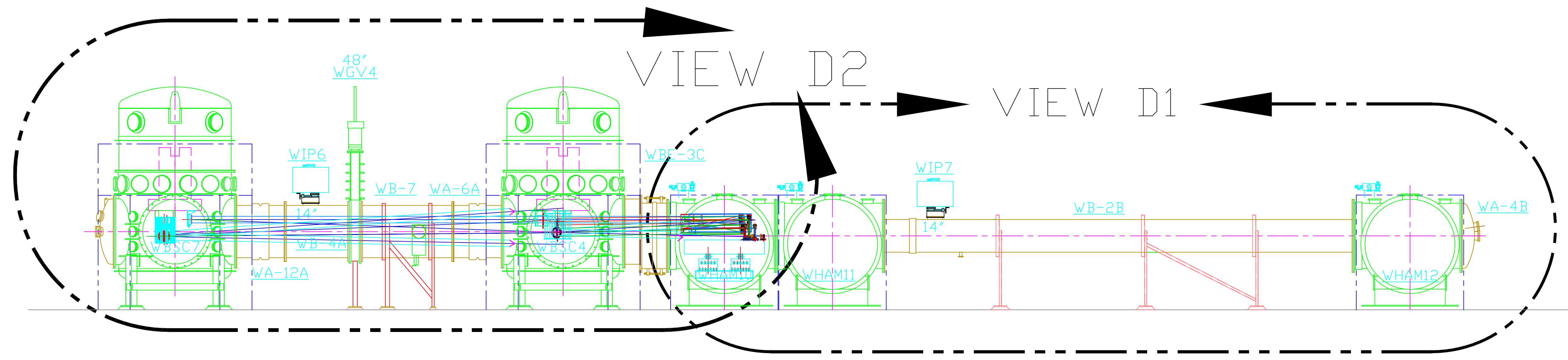


VIEW C1



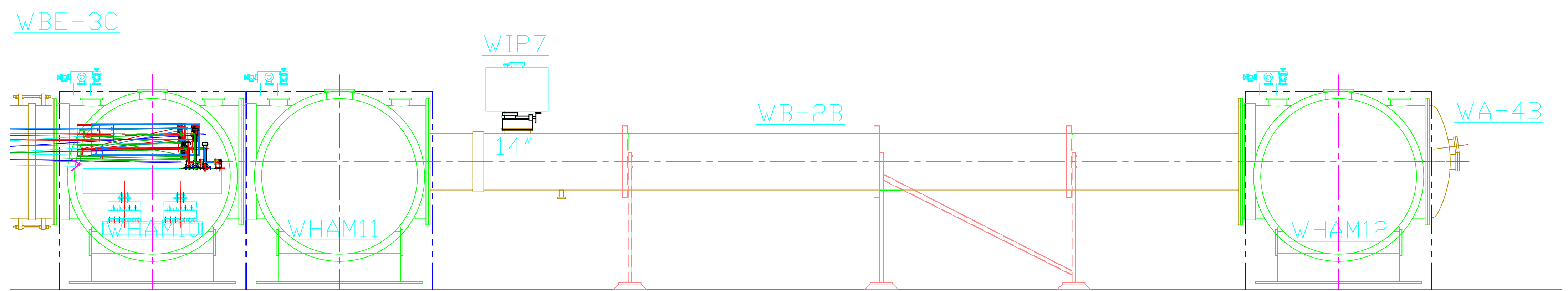
VIEW C2

				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN FEET (in)						LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
				TOLERANCES: FRACTIONAL + ANGULAR ± BEND ± TWO PLACE DECIMAL + THREE PLACE DECIMAL + FINISHED SURFACE, INCH BREAK CORNERS IN REMOVE ALL BURRS						INTERFEROMETER OPTOMECHANICAL LAYOUT HANFORD SITE-ELEVATION VIEW LASER VACUUM EQUIPMENT AREA (LVEA) LEFT BEAM MANIFOLD-DIAGONAL	
				DO NOT SCALE THIS DRAWING						CAB FILE D970309-01-e3	
				USED IN: NEXT ASS'Y:		REV		DESCRIPTION		DCN NUMBER	
						01		PRE-RELEASE		KABDT 03-6-98	
						00		PRE-RELEASE		KABDT 07-30-97	
DWG. NO.		DESCRIPTION		DWG. NO.		DESCRIPTION		ISSUE DESCRIPTION		SCALE	
8		7		6		5		3		1	
		REFERENCE DRAWINGS								SHEET 3 OF 4	

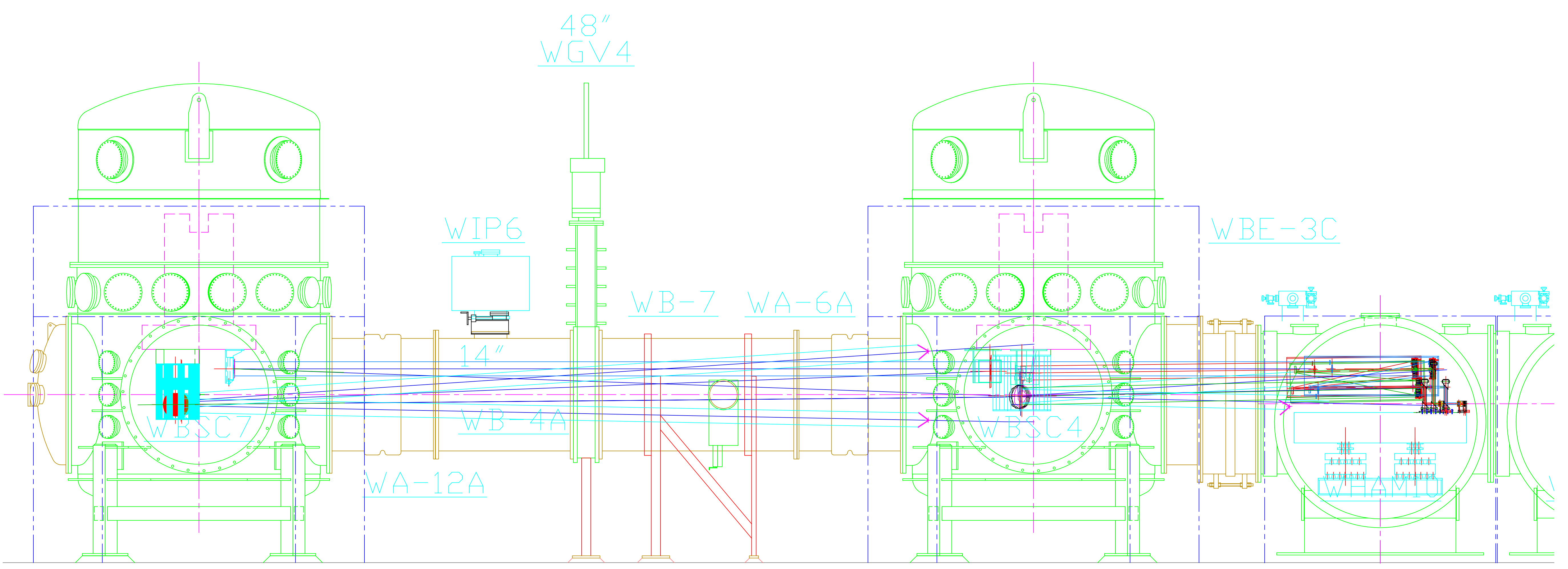


- NOTES:
1. NOT SHOWN YET IN ELEVATION:
-CLEAN ROOMS
-PIPING UNDER VACUUM MANIFOLD
 2. ONLY THE SEE EXTERNAL ENVELOPE AND OPTICS TABLES ARE SHOWN AROUND EACH CHAMBER.

ELEVATION "D-D" SEE D970308, SHEET 1
RIGHT BEAM MANIFOLD-DIAGONAL



VIEW D1



VIEW D2

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN FEET (cm)		TOLERANCES: FRACTIONAL # ANGULAR APPROX # BEND # TWO PLACE DECIMAL # THREE PLACE DECIMAL # FINISHED SURFACE RING BREAK CORNERS IN REMOVE ALL BURRS		DO NOT SCALE THIS DRAWING		USED IN: NEXT ASS'Y:		REV		DESCRIPTION		ISSUE DESCRIPTION		DCN NUMBER		DRWN		DATE		SCALE		NTS		SHEET		4 OF 4	
DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION	01	PRE-RELEASE																						
				00	PRE-RELEASE																						

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

INTERFEROMETER OPTOMECHANICAL LAYOUT
HANFORD SITE-ELEVATION VIEW
LASER VACUUM EQUIPMENT AREA (LVEA)
RIGHT BEAM MANIFOLD-DIAGONAL

CAD FILE: D970309-01-s4
SIZE: E
DWG. NO.: D970309-01