

- NOTES:
1. ANNULUS ION PUMPS ARE NOT SHOWN IN PROPER LOCATIONS (TO BE MOVED TO +Y SIDE OF VACUUM MANIFOLD).
 2. MOVABLE CROSS-OVER STILE NOT SHOWN.
 3. DETECTOR ASC SUBSYSTEM COMPONENTS NOT SHOWN.
 4. MID-STATION ALONG Y-ARM IS A MIRROR REFLECTION OF THE MID-STATION ALONG THE X-ARM.
 5. NOT SHOWN YET IN ELEVATION:
 - CLEAN ROOM
 - PIPING UNDER VACUUM MANIFOLD

4K BEAM SPLITTER AND PICKOFF TELESCOPES-ENLARGED

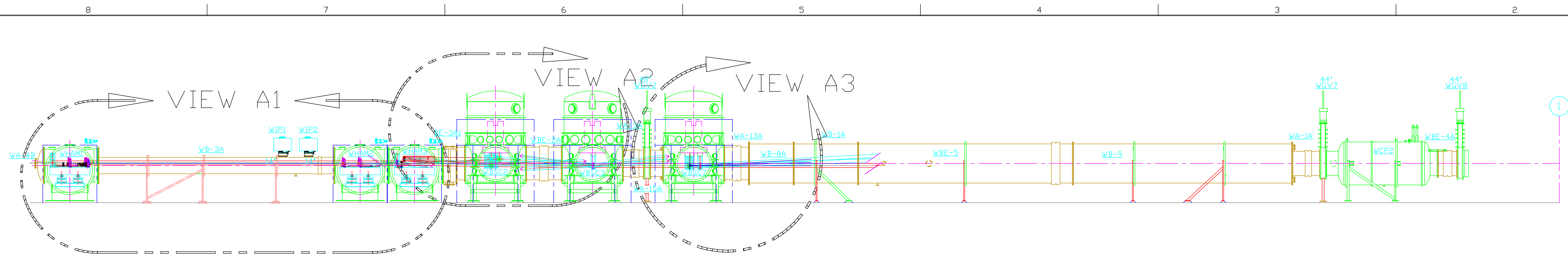
2K BEAM SPLITTER AND PICKOFF TELESCOPES-ENLARGED

DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION	REV	DESCRIPTION	DCN NUMBER	DRWN	DATE	SCALE	SHEET
				A	RELEASE	E980260		9/29/98		1 OF 5
				01	PRE-RELEASE			3/6/98		
				00	PRE-RELEASE			6/20/97		
					ISSUE DESCRIPTION					

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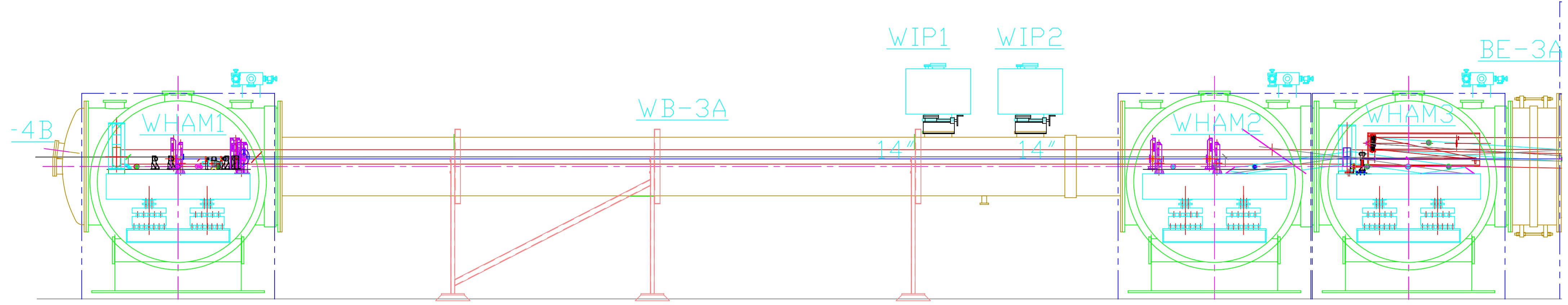
INTERFEROMETER OPTOMECHANICAL LAYOUT
HANFORD SITE
LASER VACUUM EQUIPMENT AREA (LVEA)
PLAN VIEW

CAD FILE: D970308-A
SIZE: E
DCN NUMBER: D970308-A
SHEET: 1 OF 5

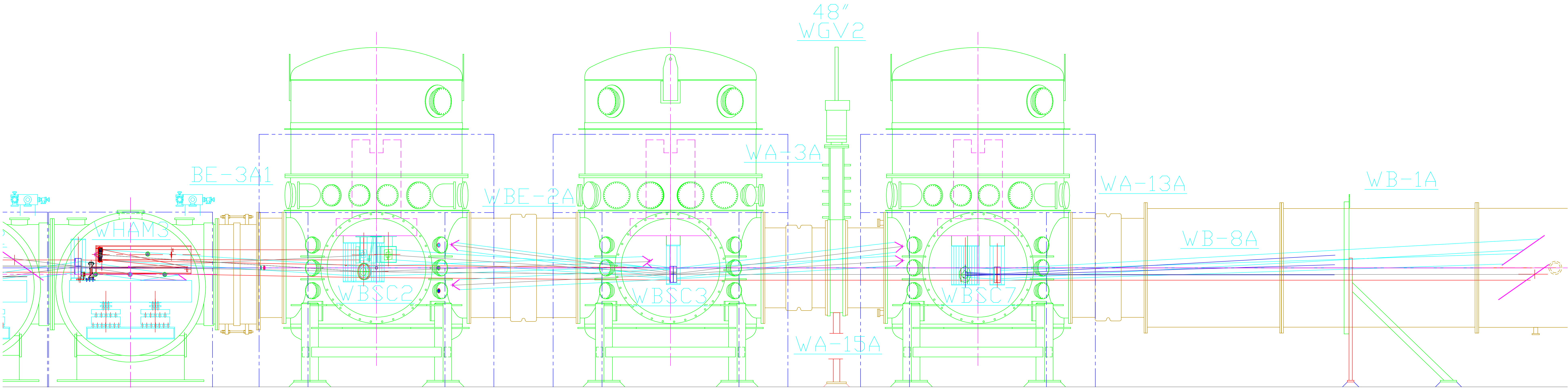


- NOTES:
1. NOT SHOWN YET IN ELEVATION:
 - CLEAN ROOMS
 - PIPING UNDER VACUUM MANIFOLD
 2. ONLY SEI EXTERNAL ENVELOPE AND OPTICS TABLES ARE SHOWN AROUND EACH CHAMBER.

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



VIEW A1



VIEW A2

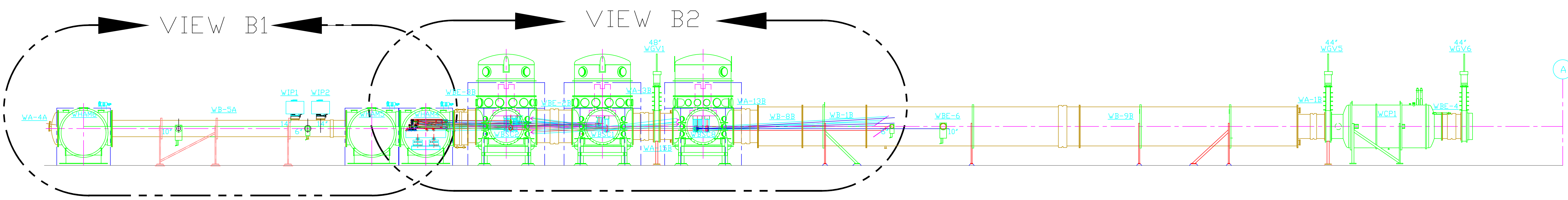
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN FEET (in)																					
TOLERANCES:		FRACTIONAL		ANGULAR APPROX # BEND #		TWO PLACE DECIMAL		THREE PLACE DECIMAL		FINISHED SURFACE FIN		BREAK CORNERS IN		OUT		REMOVED ALL DIMS					
DO NOT SCALE THIS DRAWING																					
USED IN:		NEXT ASS'Y:																			
REV		DESCRIPTION		DCN NUMBER		ISSUE DESCRIPTION		BRWN		DATE		SCALE		NTS		SHEET		2 OF 5			
DWG. NO.		DESCRIPTION		DWG. NO.		DESCRIPTION		E		D970308-A-52		D970308-A									
REFERENCE DRAWINGS																					

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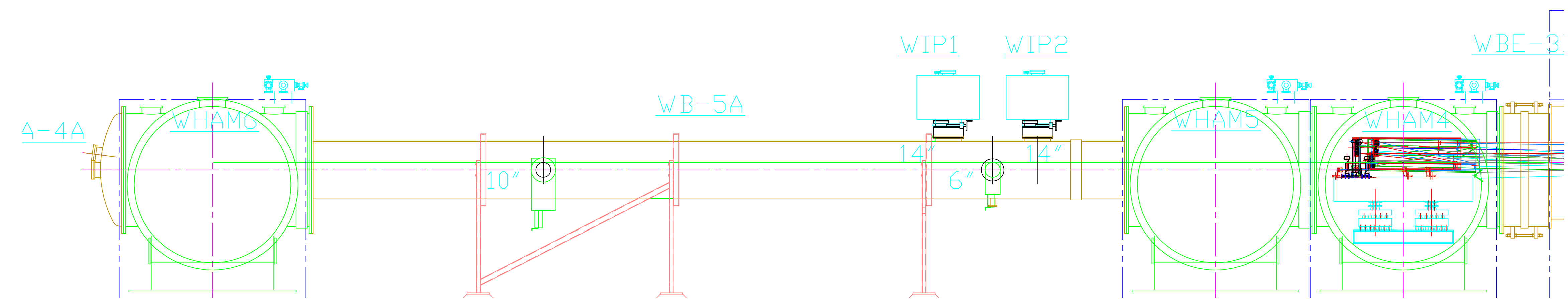
INTERFEROMETER OPTOMECHANICAL LAYOUT
 HANFORD SITE-ELEVATION VIEW
 LASER VACUUM EQUIPMENT AREA (LVEA)
 VERTEX RIGHT BEAM MANIFOLD

CAD FILE: D970308-A-52
 DWG. NO.: D970308-A
 SHEET: 2 OF 5

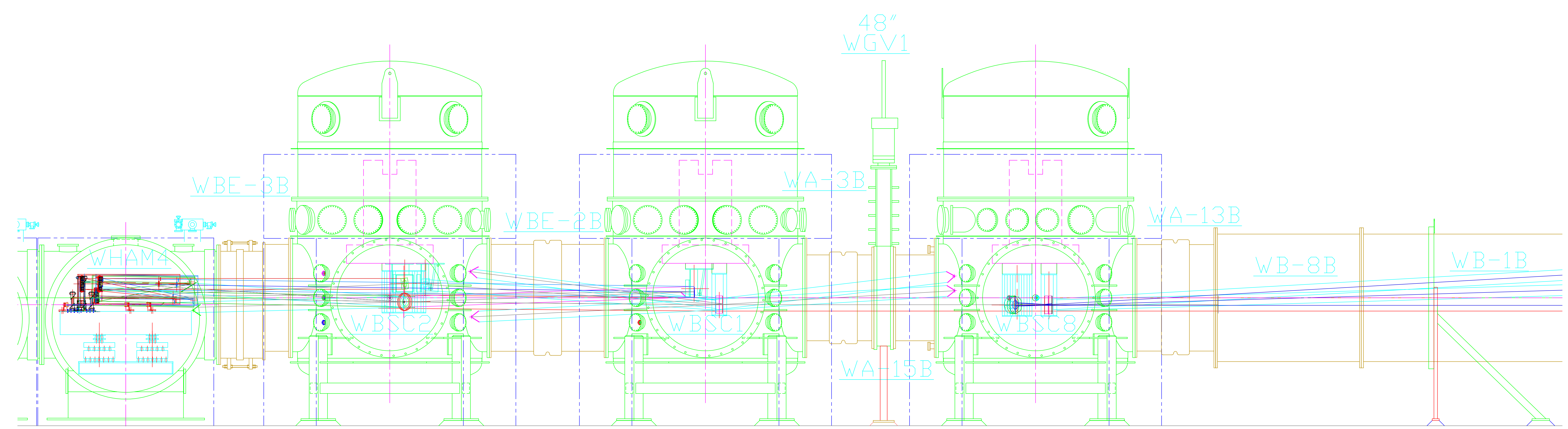
- NOTES:
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ELEVATION "B-B" SEE D970308 SHEET 1
 VERTEX-LEFT BEAM MANIFOLD



VIEW B1



VIEW B2

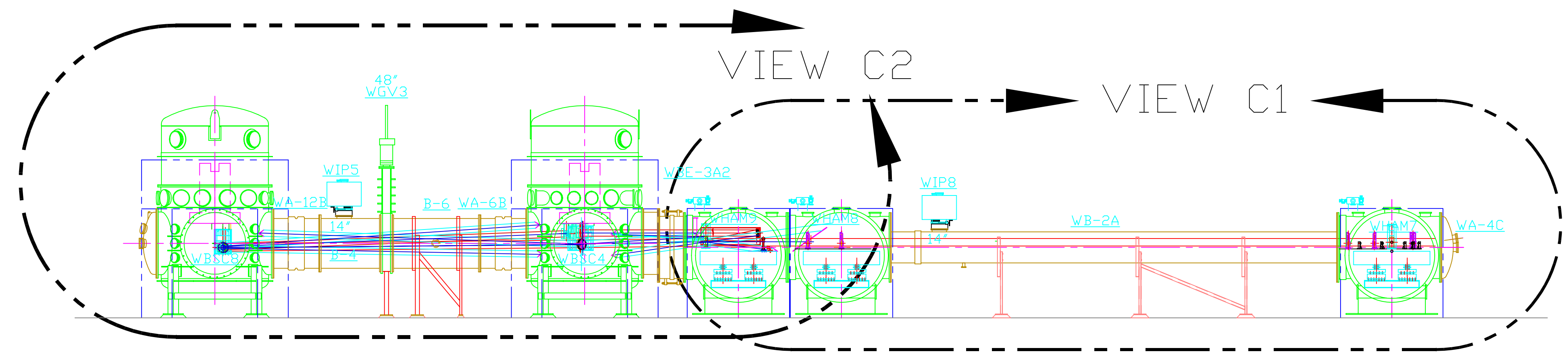
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN FEET (INCH) TOLERANCES: FRACTIONAL ± ANGLES ± .001 ± .001 DECIMAL ± .001 ± .001 THREE PLACE DECIMAL ± .001 ± .001 FINISHED SURFACE ± .001 ± .001 BREAK CORNERS IN REMOVE ALL BURRS				DO NOT SCALE THIS DRAWING USED ON: NEXT ASSY:				<table border="1"> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>ISSUE DESCRIPTION</th> <th>DCN NUMBER</th> <th>DRWN</th> <th>DATE</th> </tr> <tr> <td>A</td> <td>RELEASE</td> <td>E980260</td> <td>-</td> <td>KABOT</td> <td>9-30-98</td> </tr> <tr> <td>01</td> <td>PRE-RELEASE</td> <td>-</td> <td>-</td> <td>KABOT</td> <td>03-6-98</td> </tr> <tr> <td>00</td> <td>PRE-RELEASE</td> <td>-</td> <td>-</td> <td>KABOT</td> <td>07-22-97</td> </tr> </table>				REV	DESCRIPTION	ISSUE DESCRIPTION	DCN NUMBER	DRWN	DATE	A	RELEASE	E980260	-	KABOT	9-30-98	01	PRE-RELEASE	-	-	KABOT	03-6-98	00	PRE-RELEASE	-	-	KABOT	07-22-97
REV	DESCRIPTION	ISSUE DESCRIPTION	DCN NUMBER	DRWN	DATE																														
A	RELEASE	E980260	-	KABOT	9-30-98																														
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00	PRE-RELEASE	-	-	KABOT	07-22-97																														
D970308-A-3.dwg		D970308-A		3 OF 5																															

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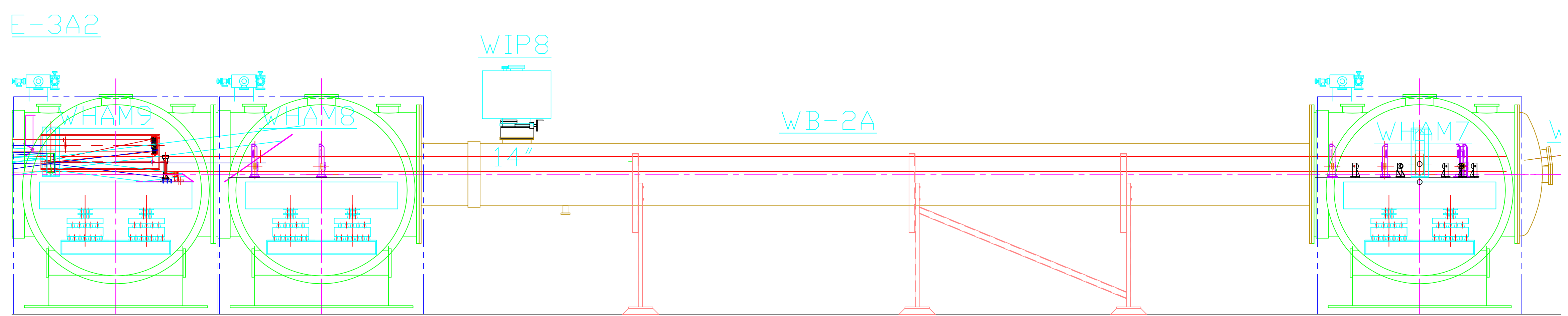
INTERFEROMETER OPTOMECHANICAL LAYOUT
 HANFORD SITE-ELEVATION VIEW
 LASER VACUUM EQUIPMENT AREA (LVEA)
 VERTEX-LEFT BEAM MANIFOLD

CAD FILE: D970308-A-3.dwg
 SIZE: 11x17
 SHEET: 3 OF 5

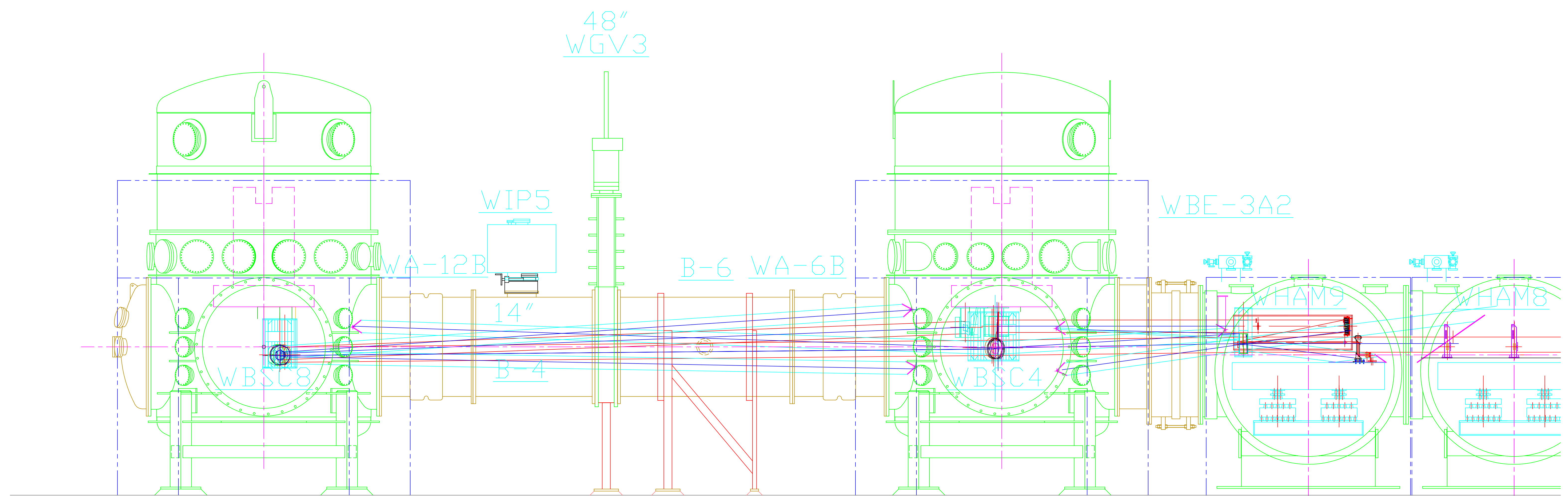
- NOTES:
- NOT SHOWN YET IN ELEVATION:
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 - PIPING UNDER VACUUM MANIFOLD
 - ONLY SEI EXTERNAL ENVELOPE AND OPTICS TABLES ARE SHOWN AROUND EACH CHAMBER.



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



VIEW C1

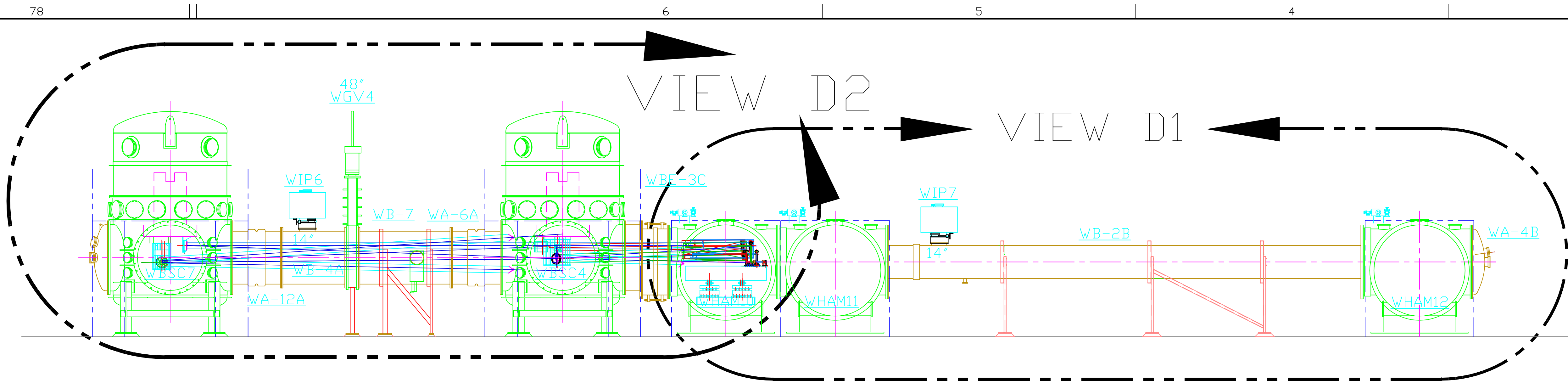


VIEW C2

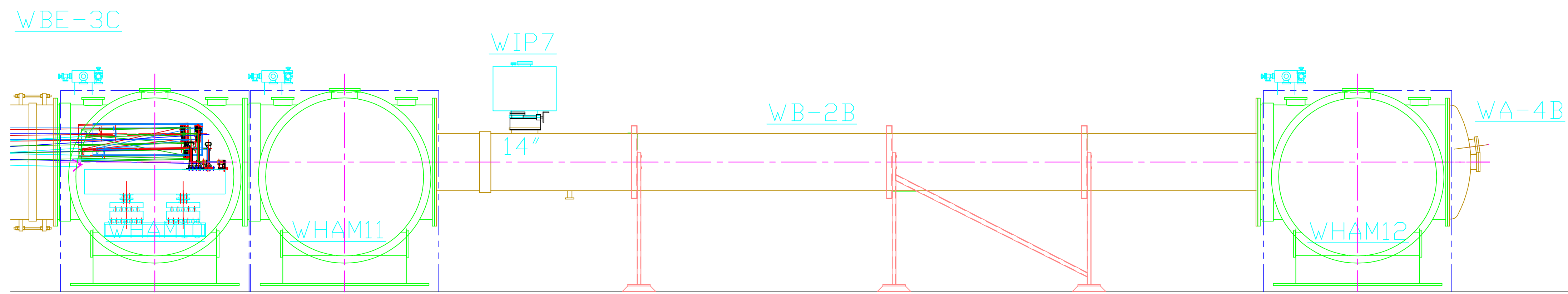
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN FEET (EQ) TOLERANCES: FRACTIONAL ± ANGULAR ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ± FINISHED SURFACE RFS BREAK CORNERS IN OUT. REMOVE ALL BURRS						LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
				DO NOT SCALE THIS DRAWING USED ON:		REV:		DESCRIPTION:		ISSUE DESCRIPTION:	
				NEXT ASS'Y:		REV:		DESCRIPTION:		ISSUE DESCRIPTION:	
DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION	USED ON:	REV:	DESCRIPTION:	ISSUE DESCRIPTION:	DCN NUMBER	DRWN	DATE	SCALE
		REFERENCE DRAWINGS									NTS
8	7	6	5	4	3	2	1				SHEET 4 OF 5

INTERFEROMETER OPTOMECHANICAL LAYOUT
 HANFORD SITE-ELEVATION VIEW
 LASER VACUUM EQUIPMENT AREA (LVEA)
 LEFT BEAM MANIFOLD-DIAGONAL
 CAD FILE: D970308-A-54
 SIZE: E
 DWG. NO.: D970308-A

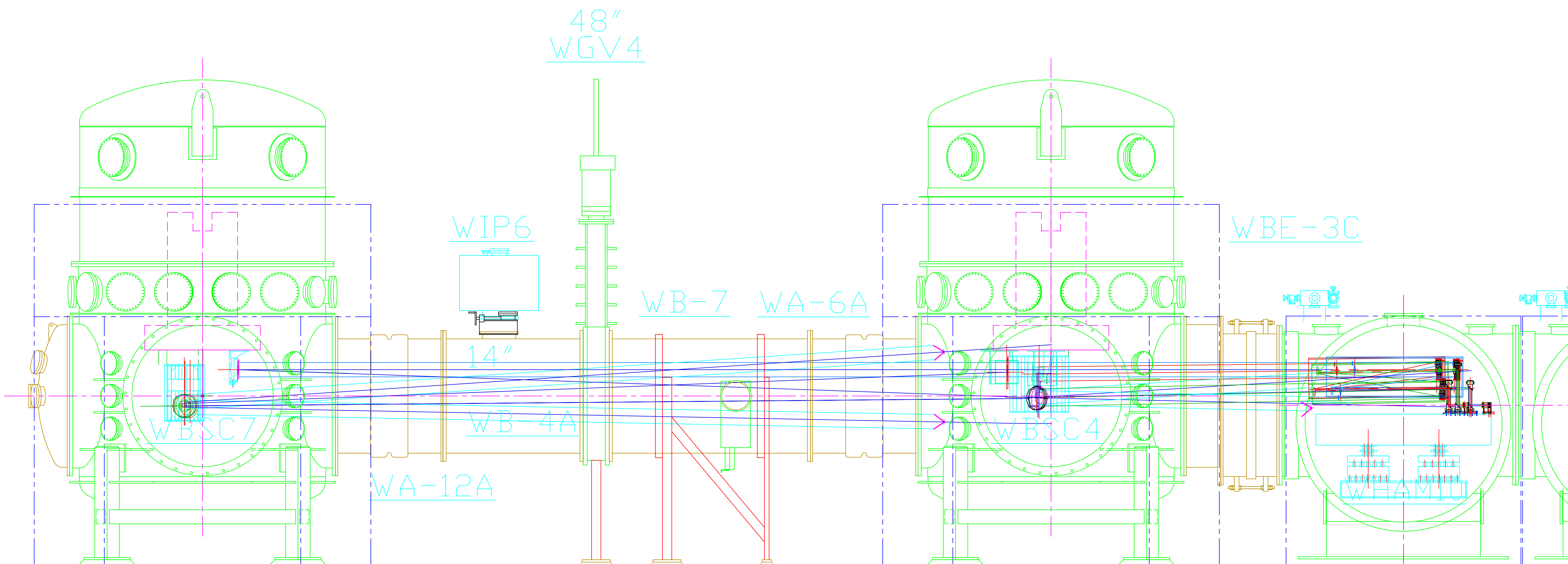
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 - PIPING UNDER VACUUM MANIFOLD
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ELEVATION "D-D" SEE D970308, SHEET 1
RIGHT BEAM MANIFOLD-DIAGONAL



VIEW D1



VIEW D2

DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN FEET (in) TOLERANCES: FRACTIONAL # ANGULAR HATCH # BEND # TWO PLACE DECIMAL # THREE PLACE DECIMAL # FINISHED SURFACE RNS BREAK CORNERS IN OUT REMOVE ALL BURRS	REV	DESCRIPTION	ISSUE DESCRIPTION	DCN NUMBER	DRWN	DATE	SCALE	NTS	SHEET	5 OF 5
					A	RELEASE	E980260	-	KABDT	9-30-98				
					D1	PRE-RELEASE	-	-	KABDT	03-6-98				
					00	PRE-RELEASE	-	-	KABDT	07-30-97				
						USED IN:								
						NEXT ASS'Y:								

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

CAD FILE: D970308-A-S5
SIZE: E
DWG. NO.: D970308-A