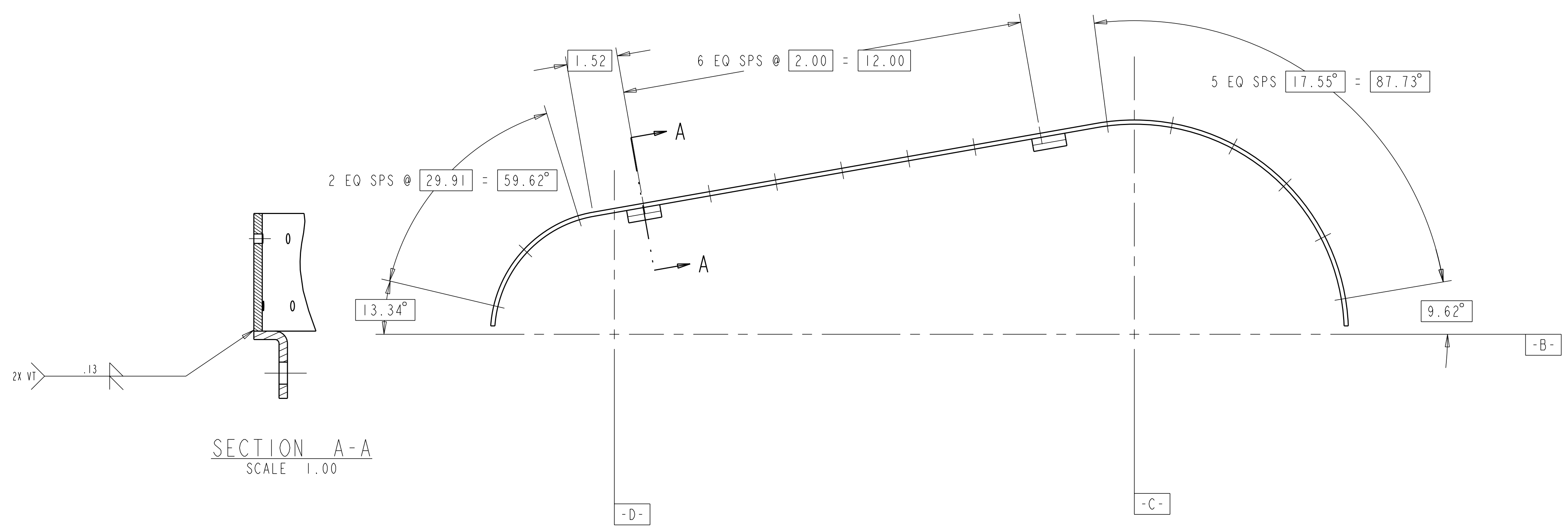
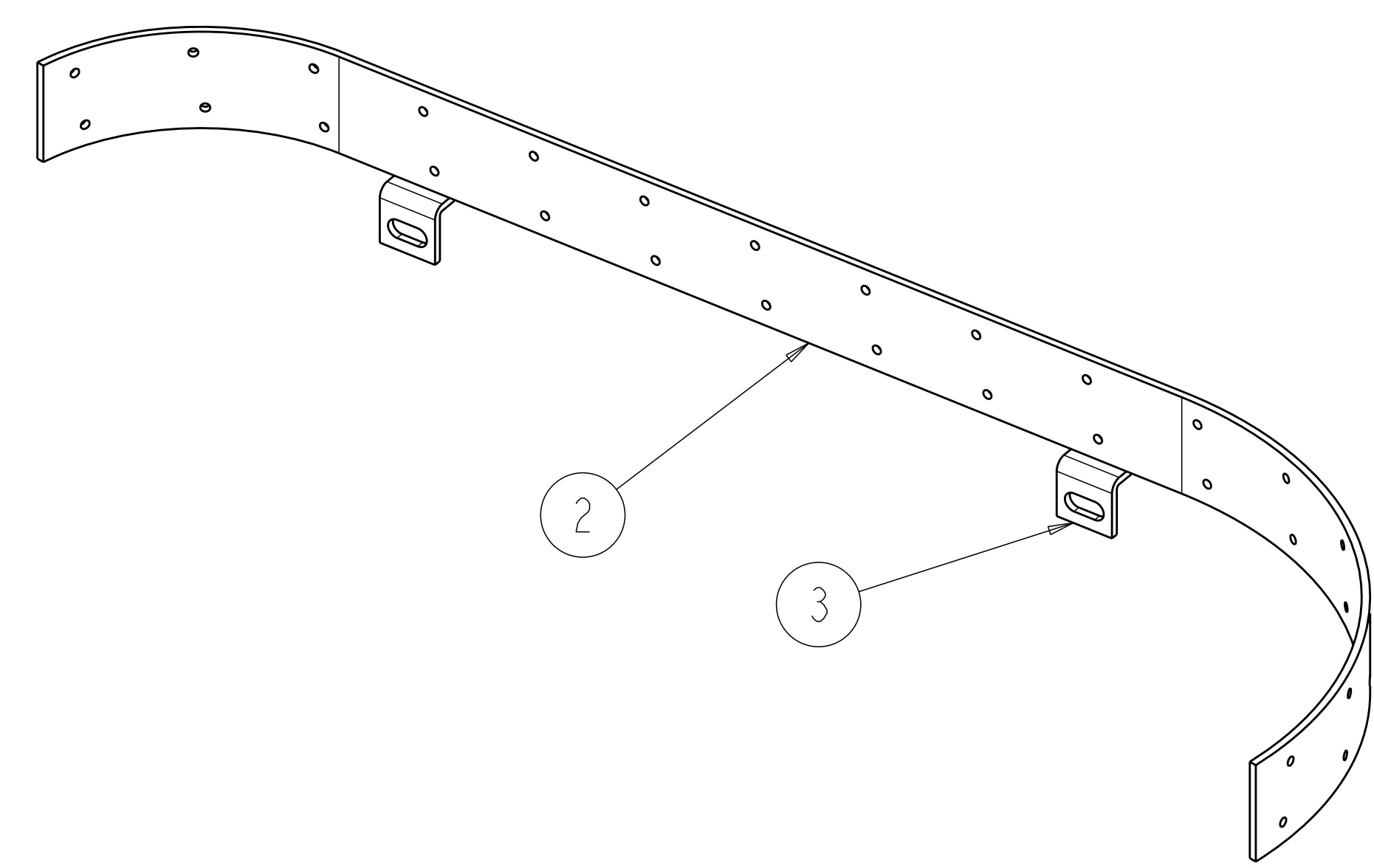
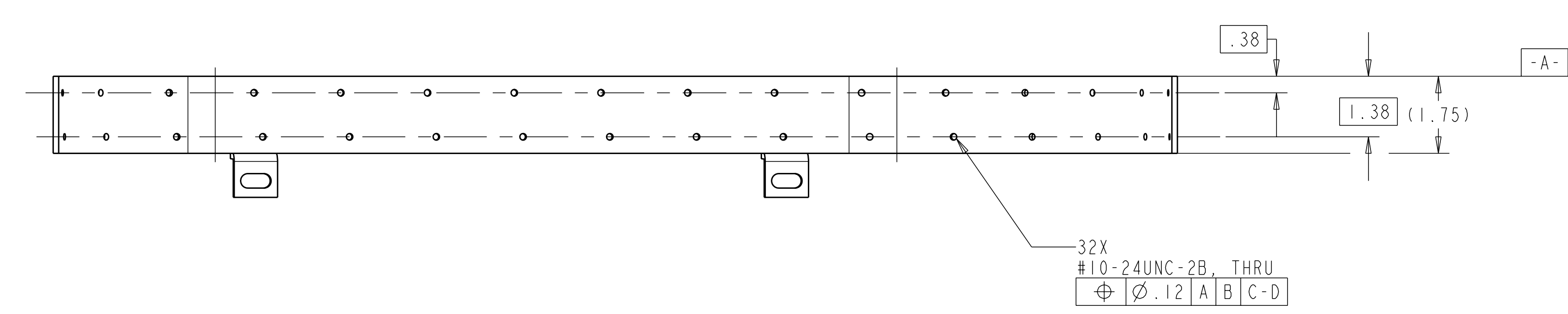


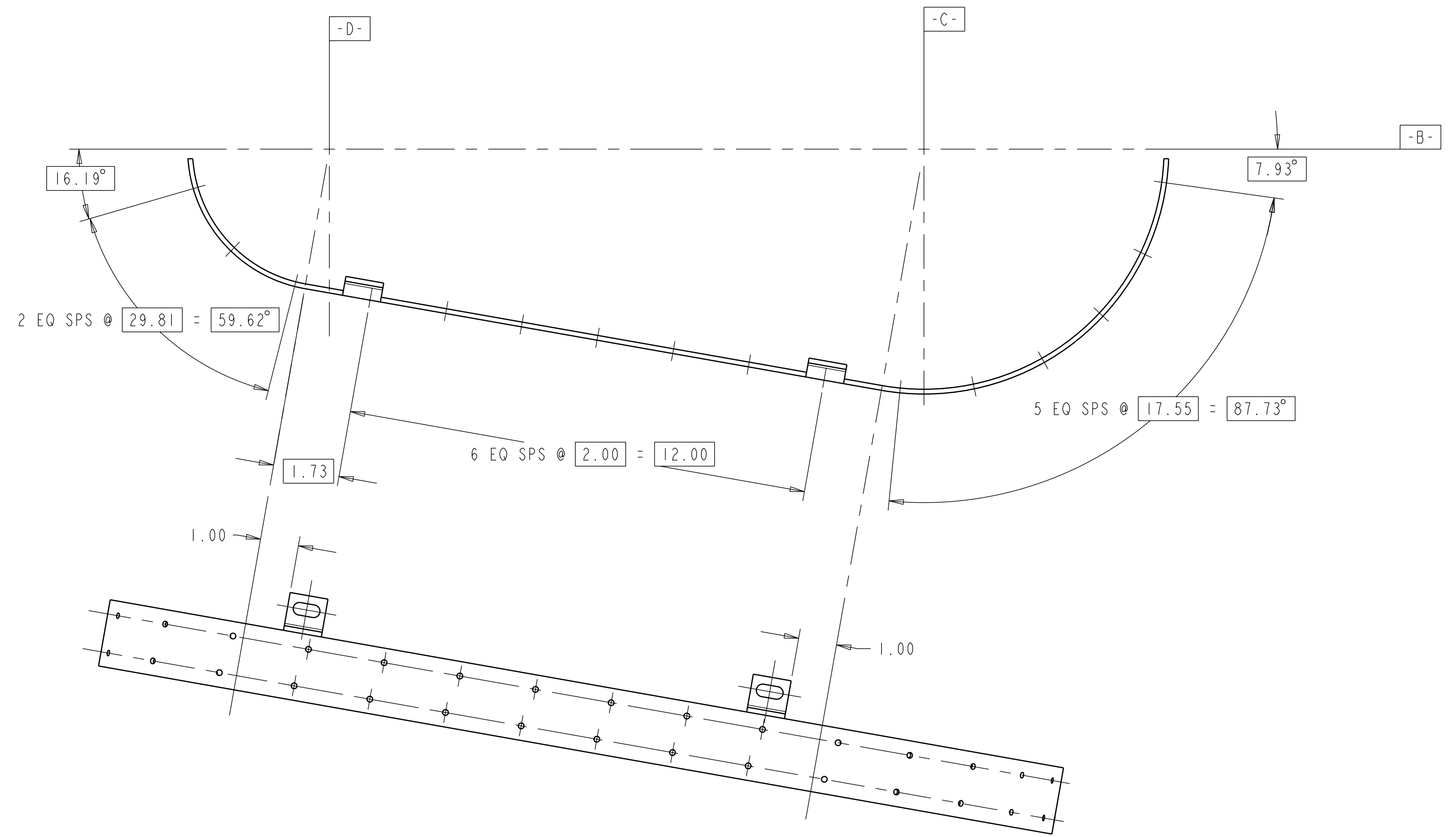
- NOTES
1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M.
 2. DIMENSIONS ARE IN INCHES
 3. WELDING PROCEDURES AND PERFORMANCE QUALIFICATIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF ASME CODE, SECTION IX. WELDS MAY BE MADE BY THE GTAW OR GMAW PROCESSES. WELDS USING SMAW PROCESS ARE NOT PERMITTED.
 4. WELD INSPECTIONS SHALL BE PERFORMED BY VISUAL EXAMINATION: ALL WELDS ARE TO BE VISUALLY INSPECTED IN ACCORDANCE WITH ARTICLE 9, SECTION V OF THE ASME CODE. WELDS DESIGNATED WITH A VT IN THE REFERENCE AREA OF A WELD SYMBOL SHALL ALSO BE VISUALLY EXAMINED WITH 8X MAGNIFICATION. IN ACCORDANCE WITH ARTICLE 6, SECTION V OF THE ASME CODE. THE ACCEPTANCE CRITERIA FOR THE VISUALLY INSPECTED WELDS IS GIVEN IN AWS D1.6, PARAGRAPH 6.29.1.



SECTION A-A
SCALE 1.00



ISOMETRIC VIEW



SCALE: .50

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting:

WELDING ENGINEER
APPROVED **B. KEILBACH** DATE: 10/05

AR	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
			WELD FILLER METAL			4
		SEI23-172-2	MOUNTING BRACKET			3
		SEI23-172-1	MOUNTING SUPPORT			2
			SUPPORT BRACKET B WELDMENT			1
SEI23-049			NEXT ASSEMBLY			

REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
0	ORIGINAL ISSUE											

SCALE	NOTED	DES	P. L. GORANSON	04/28/05
TOLERANCES	UNLESS OTHERWISE SPECIFIED	DRW	G. H. JONES	04/28/05
FRACTIONS		CHK	S. PARSON	05/05
XX DECIMALS	±.03	SECT		
XXX DECIMALS	±.005	DEPT		
ANGLES	±0°15'	CR		
BREAK SHARP EDGES	.06 MAX	PJ		
FINISH	±.02 UNLESS OTHERWISE SPECIFIED	REQ		
		PPPL DRFT	J. SIEGEL	10/05

UT-BATTELLE		Oak Ridge National Laboratory Managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract # AC05-00OR22725 UT-BATTELLE, LLC, Oak Ridge, Tennessee	
PROJECT NAME			
NATIONAL COMPACT STELLARATOR EXPERIMENT			
VACUUM VESSEL HEATING/COOLING SUPPORT BRACKET B WELDMENT			
VERSION NO.	PLANT	BLDG	FL
3	X10	5700	3
RELEASE LEVEL	SHT OF TYPE CLASS		
Fabrication	1 1 B U		
	REV 0		

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P THIS DRAWING PRODUCED ON PRO-ENGINEER

0	ORIGINAL ISSUE											
REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE
	REVISION OR ISSUE PURPOSE											

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