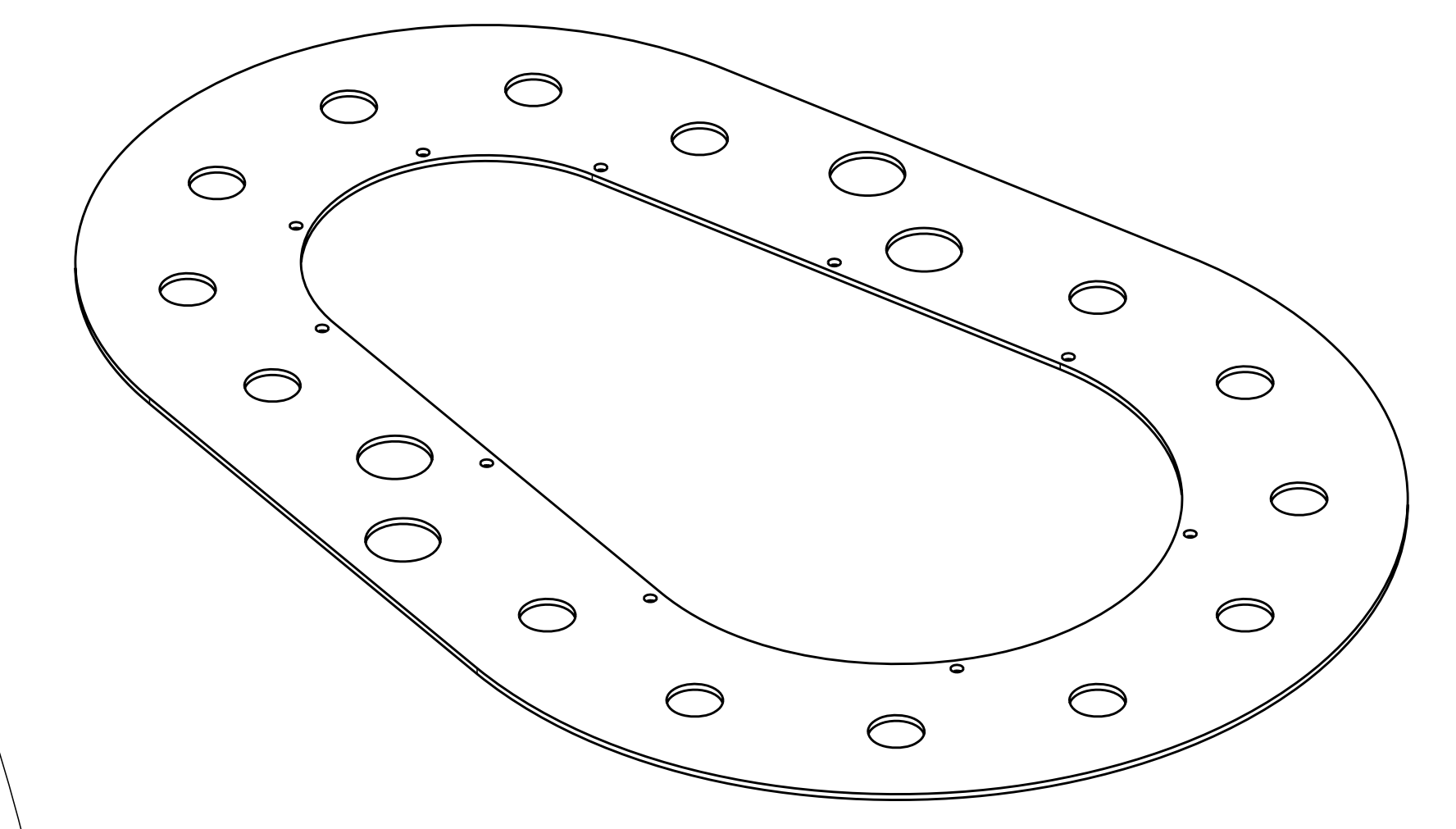


NOTES  
 1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M.  
 2. DIMENSIONS ARE IN INCHES

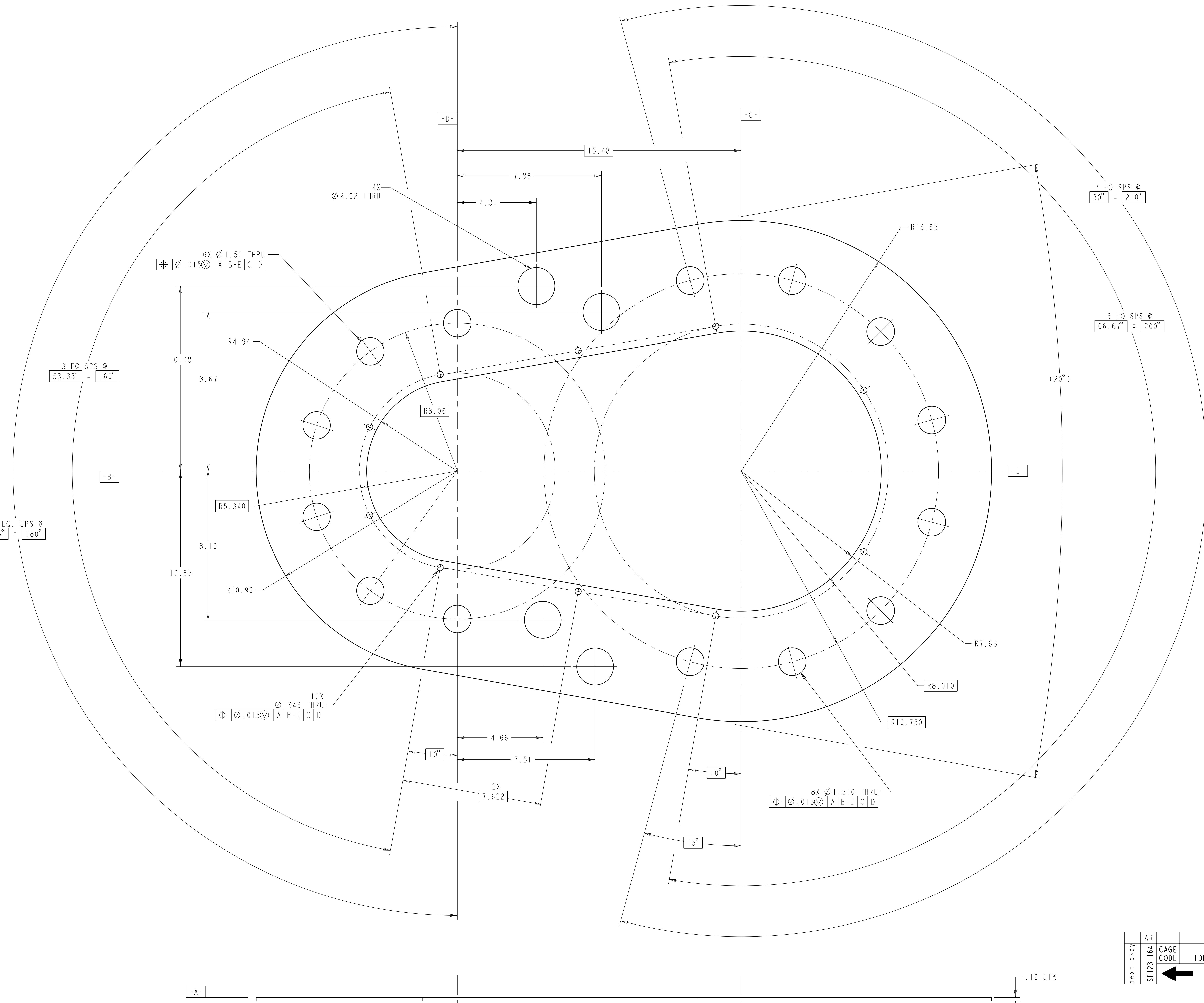


ISOMETRIC VIEW  
 SCALE 0.25

**RELEASED FOR  
 FABRICATION / INSTALLATION**  
 PPPL Drafting:

AR	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
SE123-164			CRYOSTAT INTERFACE FLANGE 316L SST ANNEALED	ASTM A240		
			NEXT ASSEMBLY			

UT-BATTELLE		Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-80OR21725 UT-BATTELLE, LLC, Oak Ridge, Tennessee	
PROJECT NAME			
NATIONAL COMPACT STELLARATOR EXPERIMENT			
VACUUM VESSEL HEATING/COOLING CRYOSTAT INTERFACE FLANGE DETAIL			
PPPL DRFT J SIEGEL	10/05	VERSION NO. 5	PLANT X10
		BLDG 5700	FL 3
		SHT 1	TYPE I
		CLASS S	REV U
		RELEASE LEVEL	SE123-165
		Fabrication	REV 0



SCALE: .50

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**P** THIS DRAWING PRODUCED ON PRO-ENGINEER

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

SCALE	NOTED	DES	P. L. GORANSON	04/07/05
TOLERANCES	UNLESS OTHERWISE SPECIFIED	DRW	G. H. JONES	04/07/05
FRACTIONS		CHK	S. PARSON	05/05
XX DECIMALS	±.01	SECT		
XXX DECIMALS	±.005	DEPT		
ANGLES	±0°15'	CR		
BREAK SHARP EDGES	04 MAX	PJ		
FINISH	±.02 UNLESS OTHERWISE SPECIFIED	REQ		
		PPPL DRFT	J SIEGEL	10/05
		DRAWING APPROVALS		DATE

SE123-165