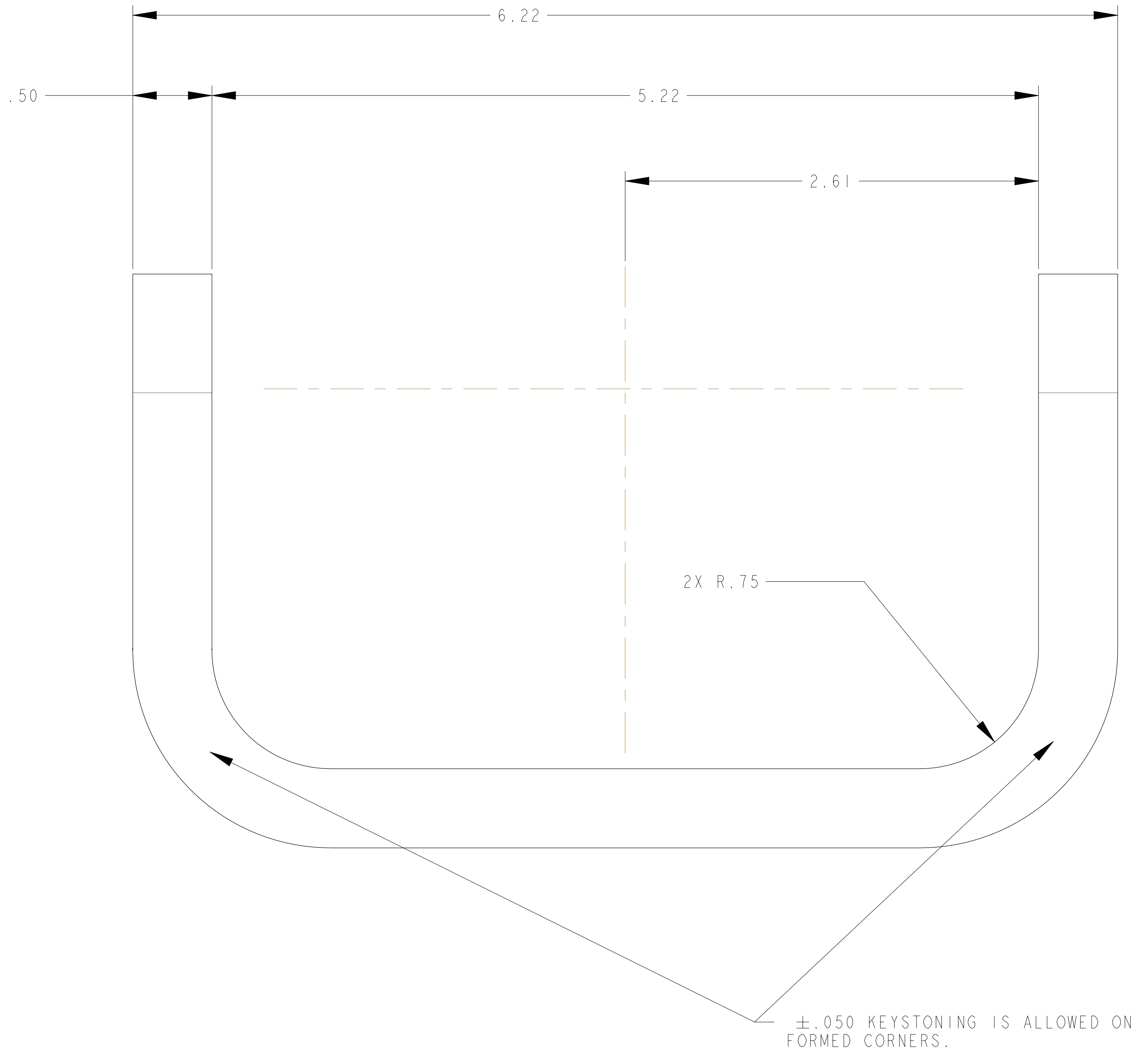
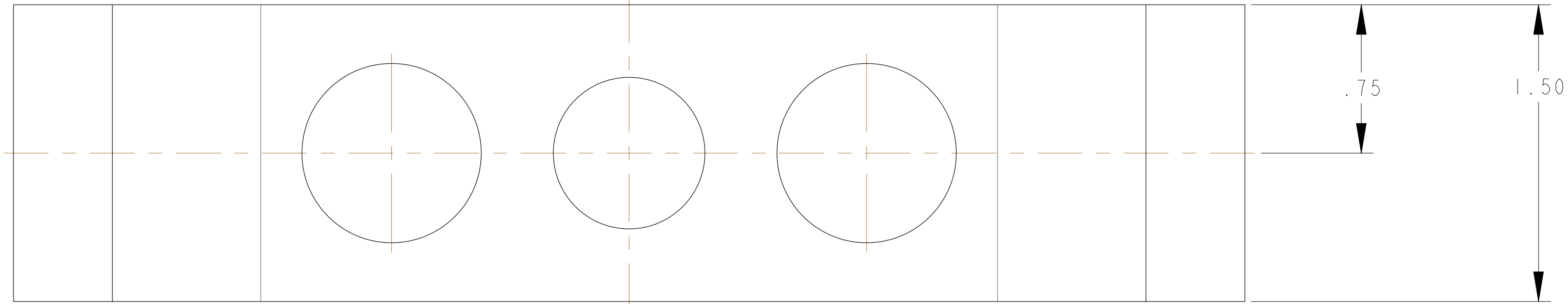
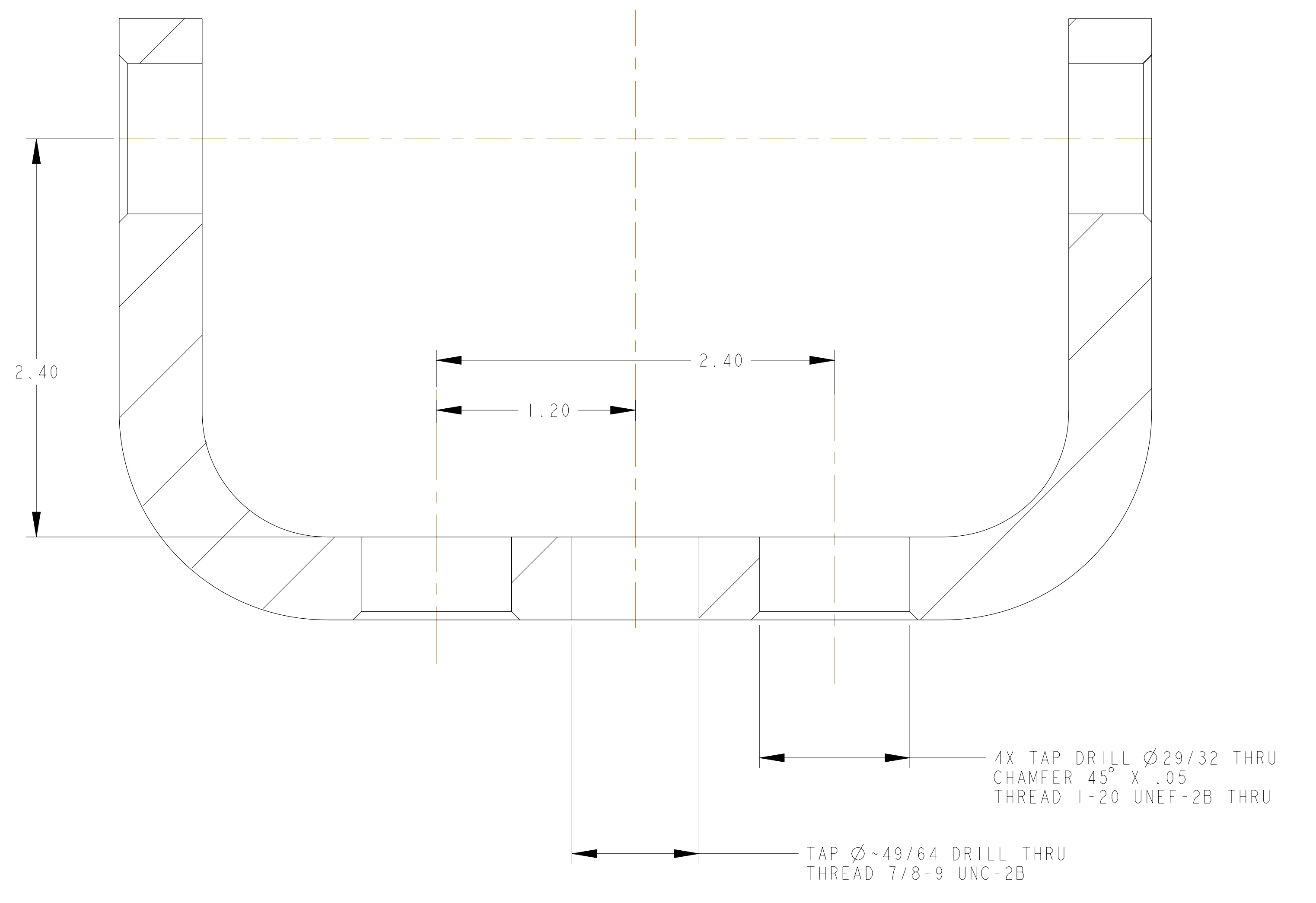
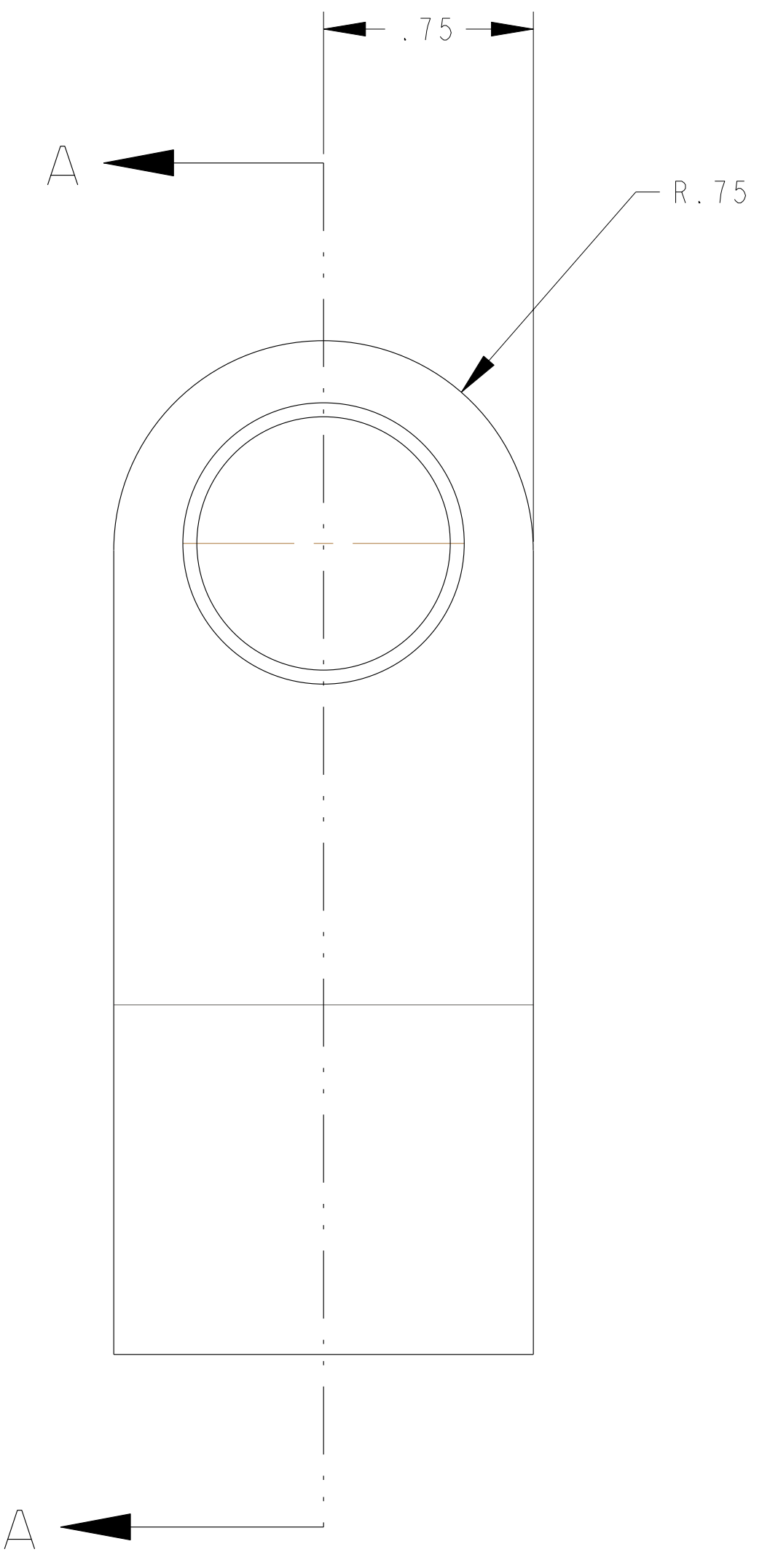


- NOTES:
1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M
  2. DIMENSIONS ARE IN INCHES
  3. DIMENSIONS APPLY AT ROOM TEMPERATURE. OPERATING TEMP 80 K
  4. GEOMETRY IS DEFINED IN PRO ENGINEER CAD MODELS/FILES
  5. DRAWING AND MODELS COMBINED DEFINE FINISHED MACHINED PART
  6. MAGNETIC PERMABILITY SHALL NOT EXCEED 1.02 AS TESTED BY A SEVERN-TYPE INDICATOR.



①  
SCALE 2 : 1



SECTION A-A

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

next assy	AR	-1	BAR, HORIZONTAL	316L SS		I	
	CAGE CODE		PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPECIFICATION	FIND NO
SE1405-276P			NEXT ASSEMBLY	PARTS LIST			

NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF, ANY INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDER ARE NOT TO BE USED FOR OTHER PURPOSES, AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

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

<p>SCALE NOTED</p> <p>TOLERANCES UNLESS OTHERWISE SPECIFIED</p> <p>FRACTIONS ±.01</p> <p>XX DECIMALS ±.01</p> <p>XXX DECIMALS ±.005</p> <p>ANGLES ±0°15'</p> <p>BREAK SHARP EDGES .06 MAX</p> <p>FINISH .125 UNLESS OTHERWISE SPECIFIED</p>										<p>DES: PJ FOGARTY 1-03-05</p> <p>DRW: GARY LOVETT 1-03-05</p> <p>CHK: M COLE 3-05</p> <p>SECT: :</p> <p>DEPT: :</p> <p>PE: D WILLIAMSON 3-05</p> <p>CR: :</p> <p>PJ: :</p> <p>REG: :</p> <p>PPPL DRFT J SIEGLE 3-05</p> <p>REVISION APPROVAL</p>		<p><b>UT-BATTELLE</b> Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC, Oak Ridge, Tennessee</p> <p>NATIONAL COMPACT STELLARATOR EXPERIMENT</p> <p>TWISTED RACETRACK BAR, CLAMP, HORIZONTAL</p> <p>VERSION NO. 1 PLANT X-10 BLDG 5700 FL 3 SHT OF 1 TYPE I CLASS U</p> <p>RELEASE LEVEL Fabrication SE1405-276</p>							
REV	DESCRIPTION	BY	DATE	CHK	DEPT	DATE	PE	REQ	DATE	ORNL	DOE	DATE							
I	REVISE PART AND DRAWING PER ECN 4977	GLL	3-05	MEC			DEW												

SE1405-276