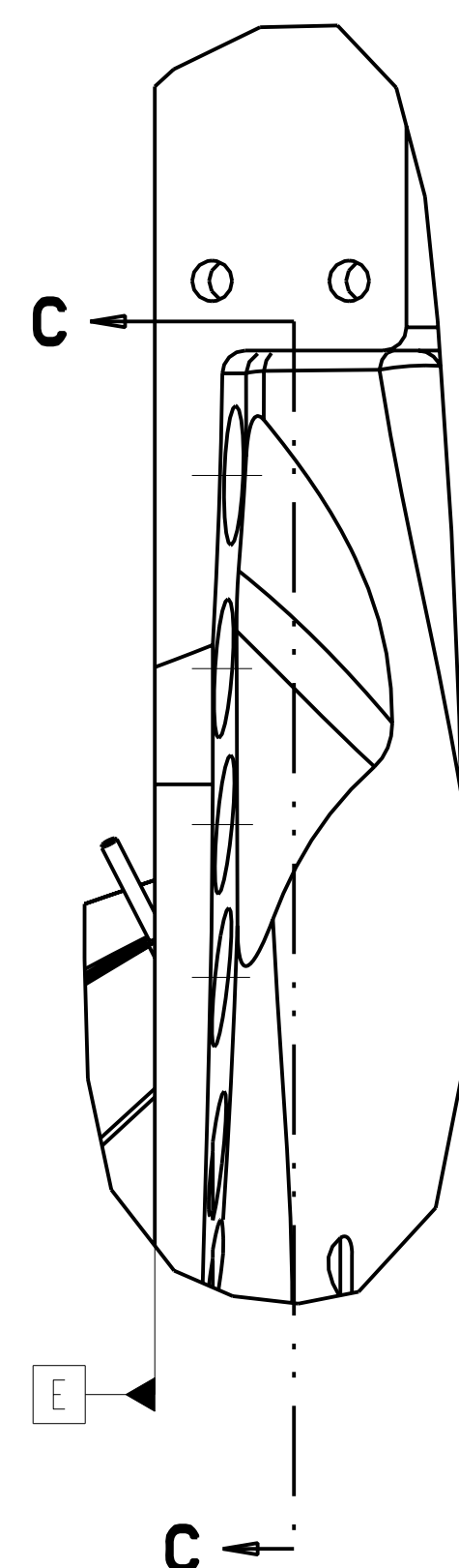
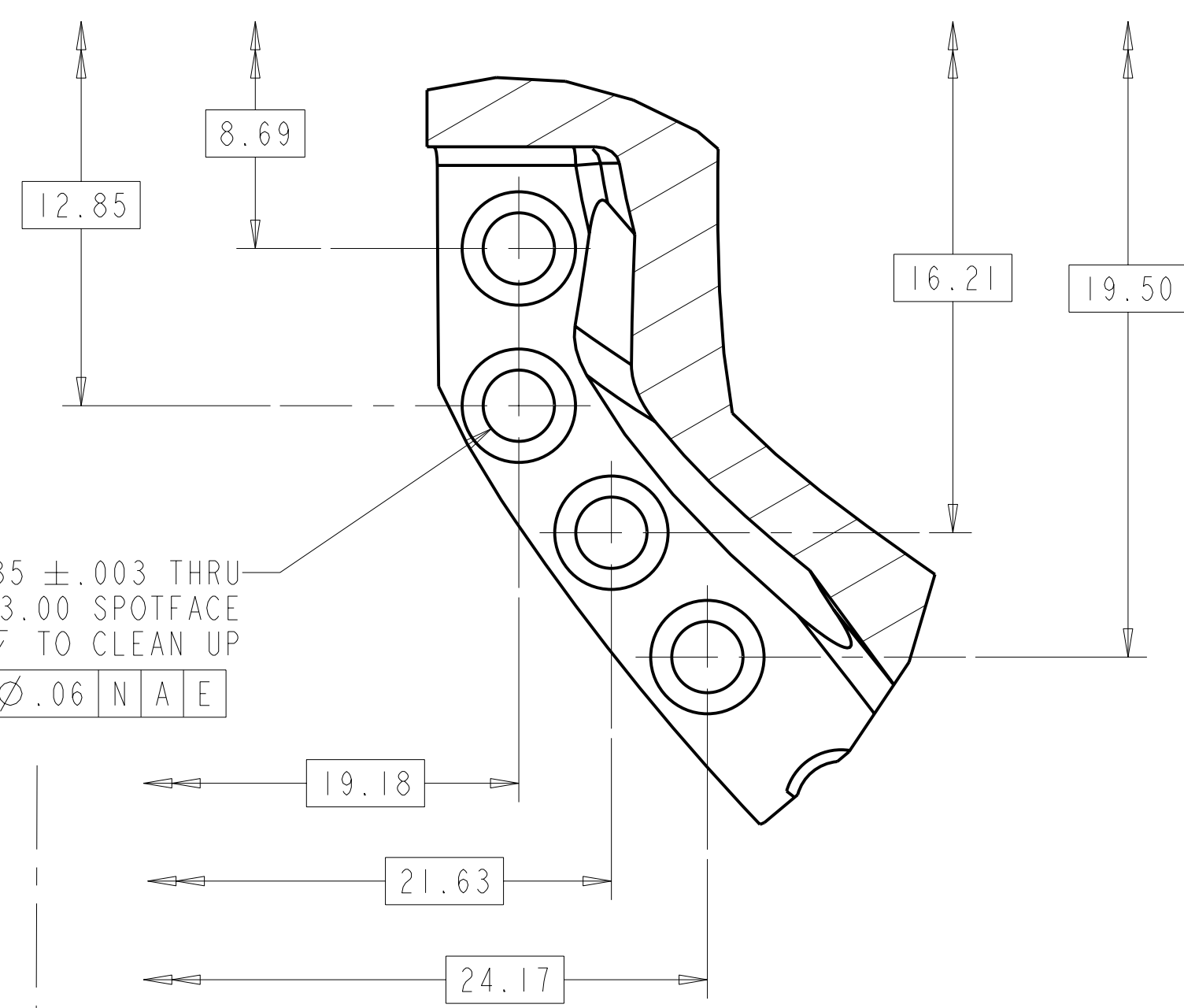


DETAIL B  
SCALE 0.250

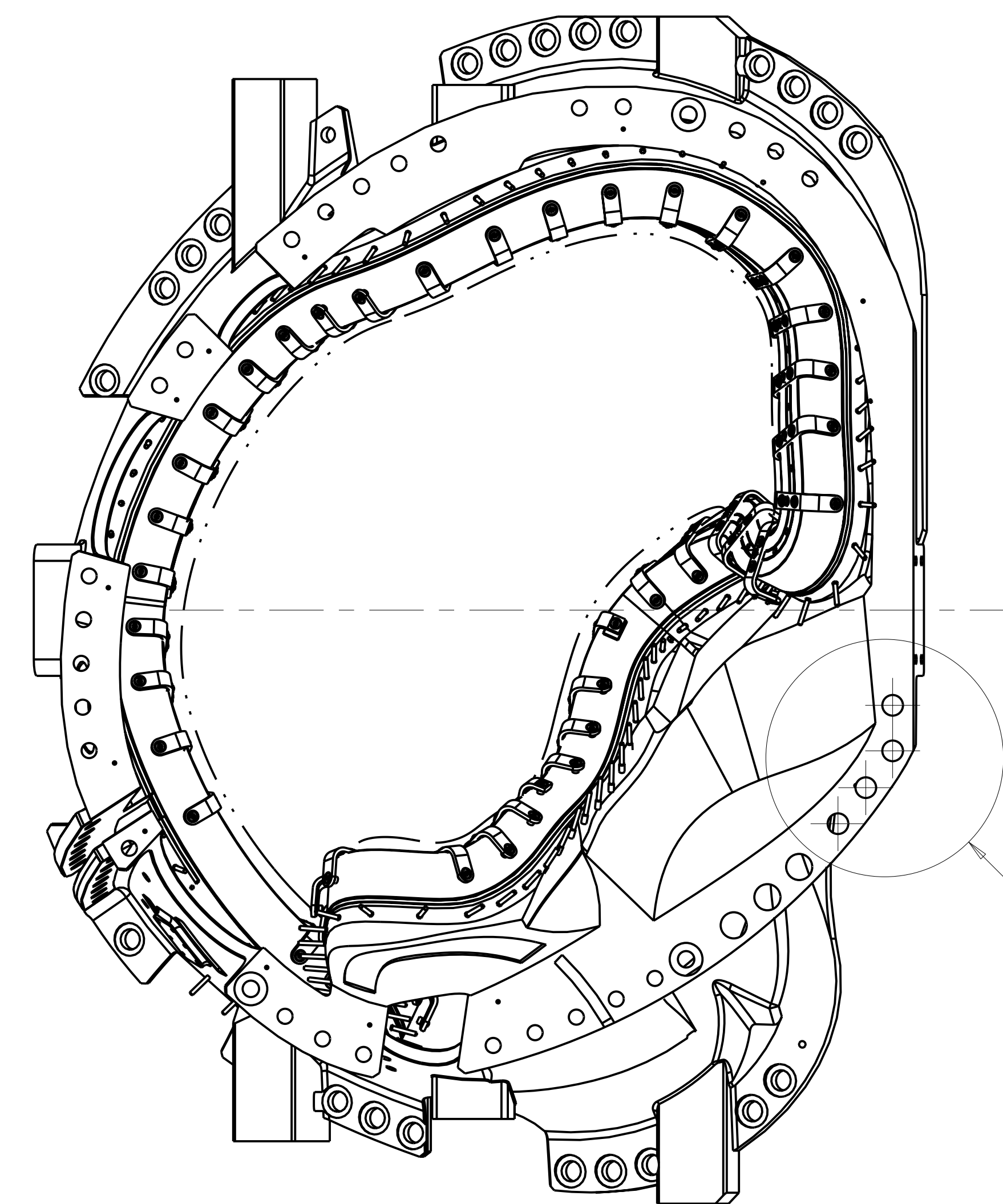


SECTION C-C

4X  $\varnothing 1.885 \pm .003$  THRU  
 $\varnothing 3.00$  SPOTFACE  
MIN  $\nabla$  TO CLEAN UP  
 $\varnothing .06$  N A E



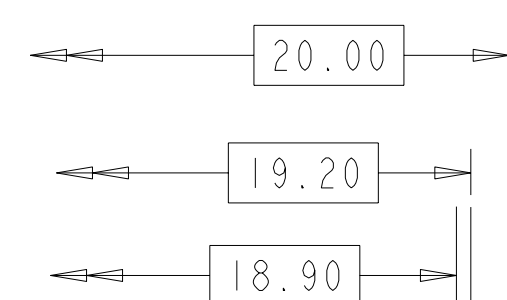
DATUM "N" IS NORMAL TO THE FLANGE FACE, DATUM E, AND PASSING THRU THE ORIGIN DEFINED AT THE INTERSECTION OF DATUM A, B, AND C (NOT SHOWN)



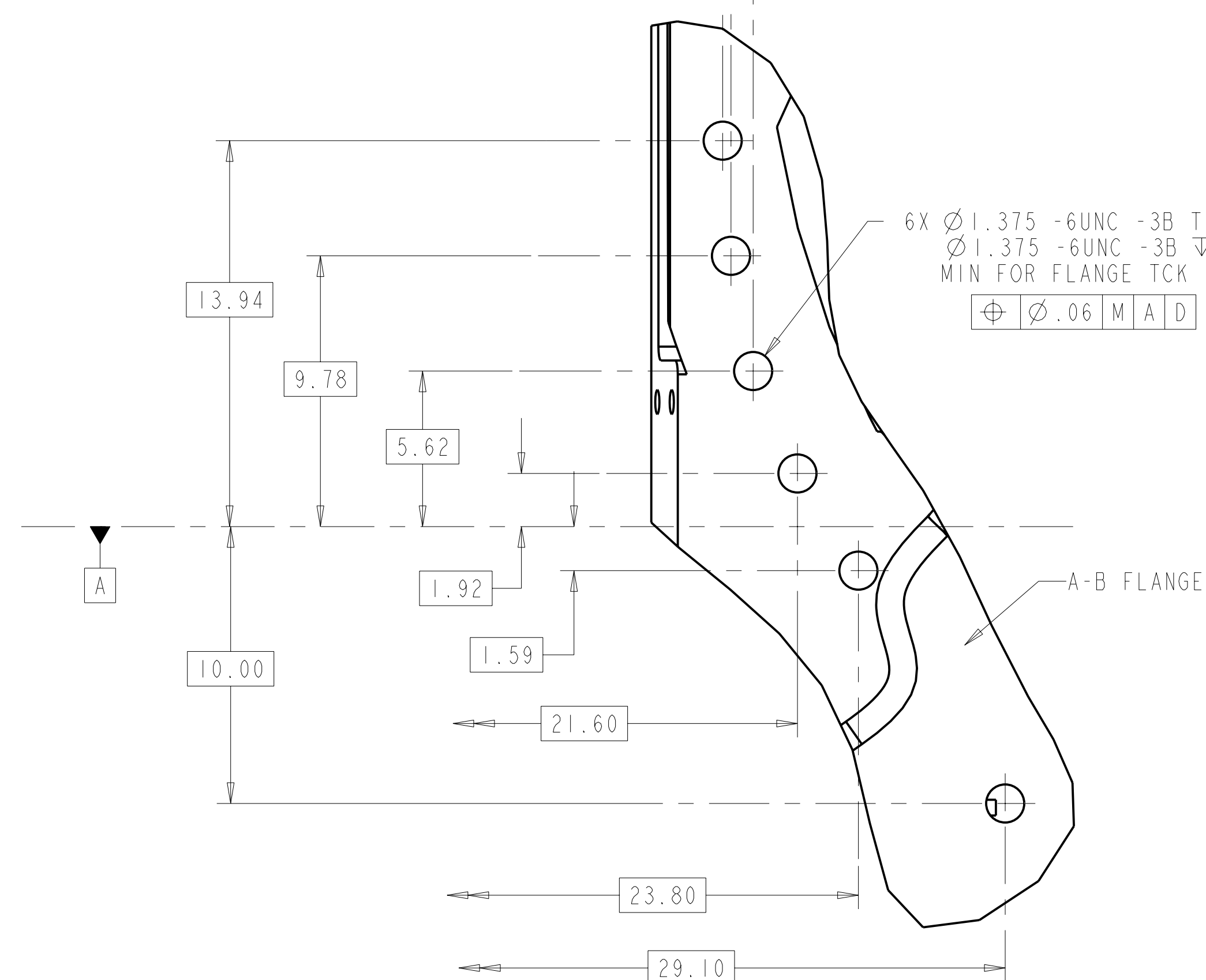
TYPE B WINDING FORM VIEW OF B-C FLANGE, DATUM E  
MAY BE PART ONLY OR PARTIALLY ASSEMBLED  
SCALE 0.10

- NOTES
1. DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.100-2004.
  2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
  3. DIMENSIONS ARE IN INCHES
  4. HOLE DIMENSIONS ARE BASED ON SETTING UP ON THE MACHINE COORDINATE SYSTEM USING THE FIDUCIALS ON SE141-115

DATUM "M" IS NORMAL TO THE FLANGE FACE, DATUM D, AND PASSING THRU THE ORIGIN DEFINED AT THE INTERSECTION OF DATUM A, B, AND C (NOT SHOWN)

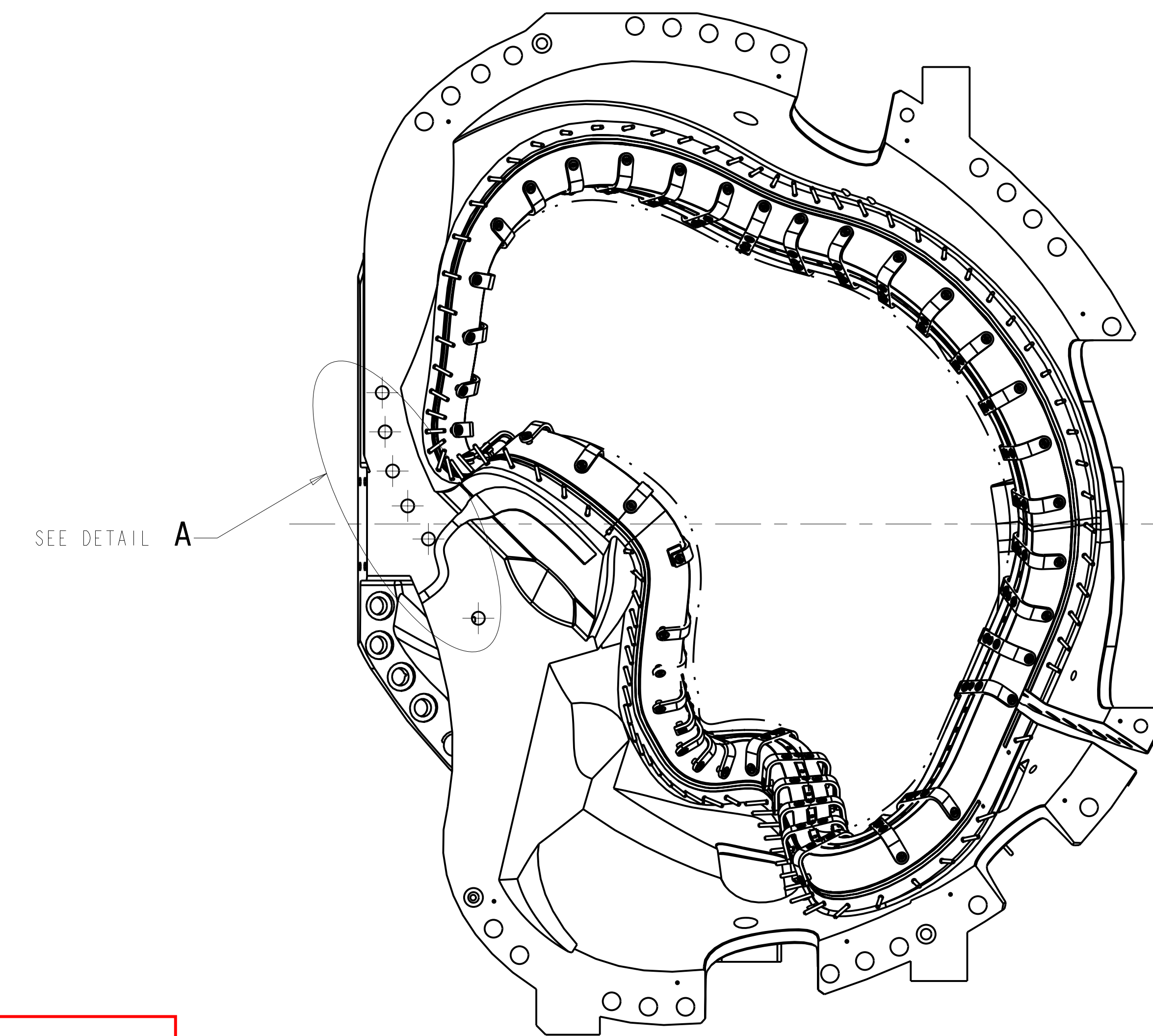


6X  $\varnothing 1.375 -6UNC -3B$  THRU OR  
 $\varnothing 1.375 -6UNC -3B \nabla 1.50$   
MIN FOR FLANGE TCK > 1.50  
 $\varnothing .06$  M A D



DETAIL A  
SCALE 0.250

A-B FLANGE



TYPE B WINDING FORM VIEW OF A-B FLANGE, DATUM D  
MAY BE PART ONLY OR PARTIALLY ASSEMBLED  
SCALE 0.10

RELEASED FOR  
FABRICATION / INSTALLATION

PPPL Drafting:

REFERENCE MODEL FOR THIS DRAWING IS SE141-115

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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 |    | 04/07 |     |      |      |    |     |      |      |     |      |
| REVISION OR ISSUE PURPOSE |                |    |       |     |      |      |    |     |      |      |     |      |
| REVISION APPROVAL         |                |    |       |     |      |      |    |     |      |      |     |      |

|  |                           |
|--|---------------------------|
| SCALE NOTED                                  | DES D WILLIAMSON 04/07    |
| TOLERANCES UNLESS OTHERWISE SPECIFIED        | DRW G MCGINNIS 04/07      |
| FRACTIONS                                    | CHK M J COLE 04/07        |
| XX DECIMALS $\pm .01$                        | DEPT :                    |
| XXX DECIMALS $\pm .005$                      | PE :                      |
| ANGLES $\pm 0'15"$                           | CR :                      |
| BREAK SHARP EDGES OR MAX                     | PJ :                      |
| FINISH $\pm .025$ UNLESS OTHERWISE SPECIFIED | RD :                      |
|  | PPPL DRFT J SIEGEL 04/07  |
|  | VERSION NO. 3             |
|  | PLANT ORNL                |
|  | BLDG 5700                 |
|  | FL 3                      |
|  | SHT 1                     |
|  | OF 1                      |
|  | TYPE S                    |
|  | CLASS U                   |
|  | RELEASE LEVEL Fabrication |
|  | DRAWING APPROVALS DATE    |

|   |             |
|---|-------------|
| Oak Ridge National Laboratory<br>managed for the DEPARTMENT OF ENERGY under<br>U.S. GOVERNMENT contract DE-AC05-00OR22725<br>UT-BATTELLE, LLC. Oak Ridge, Tennessee |             |
| PROJECT NAME<br><b>NATIONAL COMPACT STELLARATOR EXPERIMENT</b>  |             |
| TYPE B WINDING FORM<br>MODIFIED TO ADD INNER HOLES  |             |
| VERSION NO.   | 3           |
| PLANT   | ORNL        |
| BLDG  | 5700        |
| FL  | 3           |
| SHT   | 1           |
| OF  | 1           |
| TYPE  | S           |
| CLASS   | U           |
| RELEASE LEVEL   | Fabrication |
| SEI41-145   |             |
| REV   | 0           |