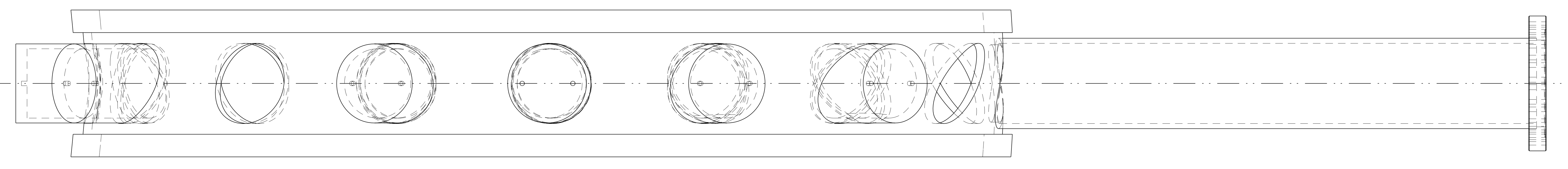


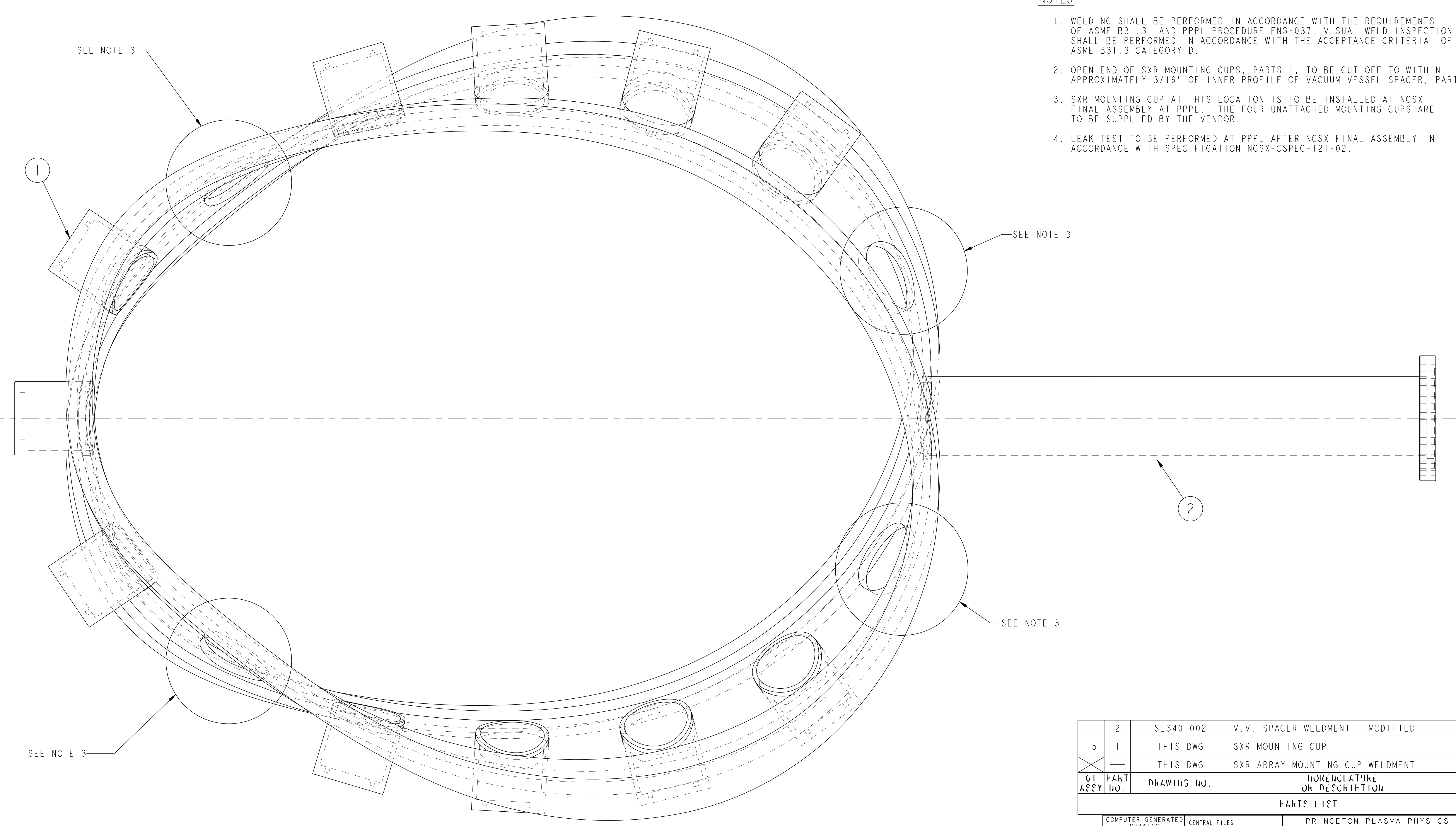
| | | | | | | |
|-----|----------|----|----|-----|----------|------|
| NO. | REVISION | BY | CH | SUP | APPROVED | DATE |
| | | | | | | |



(SHEET 2)

NOTES

1. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF ASME B31.3 AND PPPL PROCEDURE ENG-037. VISUAL WELD INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ACCEPTANCE CRITERIA OF ASME B31.3 CATEGORY D.
2. OPEN END OF SXR MOUNTING CUPS, PARTS 1, TO BE CUT OFF TO WITHIN APPROXIMATELY 3/16" OF INNER PROFILE OF VACUUM VESSEL SPACER, PART 2.
3. SXR MOUNTING CUP AT THIS LOCATION IS TO BE INSTALLED AT NCSX FINAL ASSEMBLY AT PPPL. THE FOUR UNATTACHED MOUNTING CUPS ARE TO BE SUPPLIED BY THE VENDOR.
4. LEAK TEST TO BE PERFORMED AT PPPL AFTER NCSX FINAL ASSEMBLY IN ACCORDANCE WITH SPECIFICATION NCSX-CSPEC-121-02.



| 1 | 2 | 3 | 4 | 5 |
|----|-----------|---------------------------------|---------------------------------|-----------------------|
| 1 | SE340-002 | V.V. SPACER WELDMENT - MODIFIED | SEE DWG | |
| 15 | 1 | THIS DWG | SXR MOUNTING CUP | INCONEL UNS N06625 AR |
| 1 | 1 | THIS DWG | SXR ARRAY MOUNTING CUP WELDMENT | |
| 1 | 1 | THIS DWG | SXR ARRAY MOUNTING CUP WELDMENT | |
| 1 | 1 | THIS DWG | SXR ARRAY MOUNTING CUP WELDMENT | |

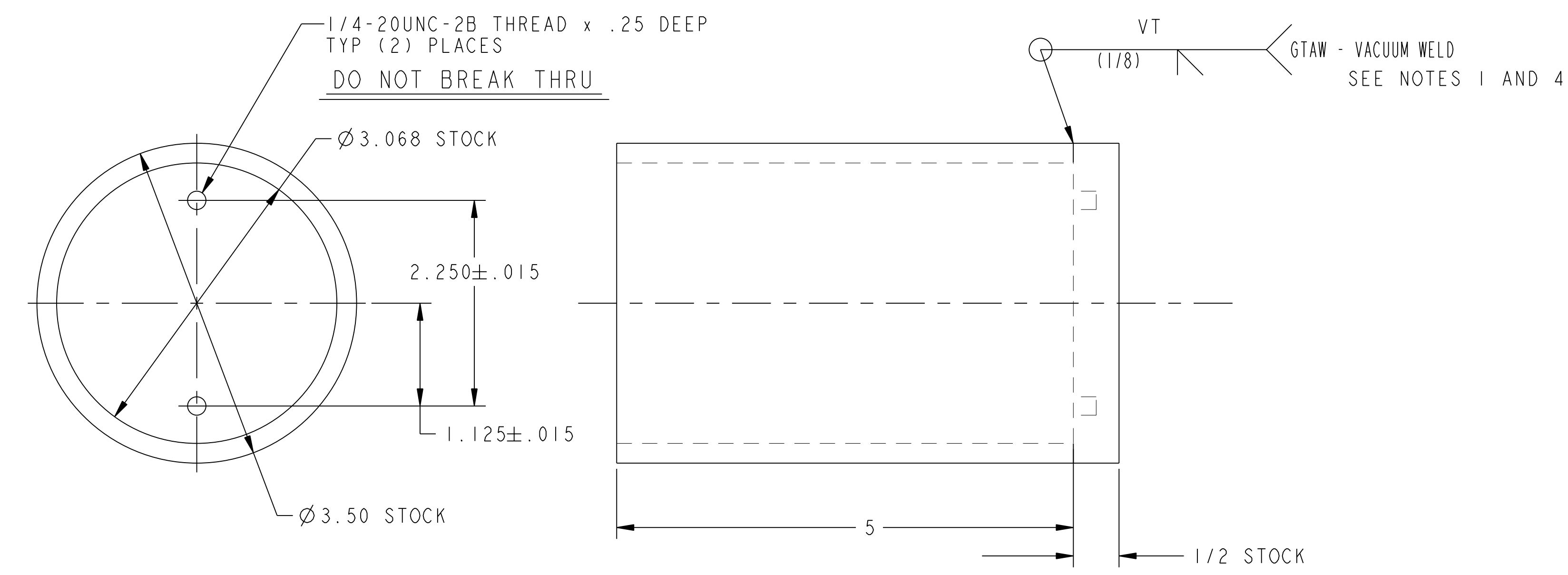
| | | | | |
|--|--|---|---|--------------------|
| COMPUTER GENERATED DRAWING CHANGES NOT PERMITTED | | CENTRAL FILES: | PRINCETON PLASMA PHYSICS LABORATORY | |
| DO NOT VERIFY INFORMATION BY SCALING DRAWING | | UNLESS OTHERWISE SPECIFIED | NATIONAL COMPACT STELLARATOR EXPERIMENT | |
| NEXT ASSEMBLY | | DIMENSIONS ARE IN INCHES MACHINE SURFACES | MHD DIAGNOSTICS | |
| | | BREAK SHARP EDGES .005/.020 | SOFT X-RAY DIAGNOSTIC | |
| | | TOLERANCES NON-CUMULATIVE | SXR ARRAY MOUNTING CUP WELDMENT | |
| | | DECIMAL-INCH FRACTIONS | DSN: L. MORRIS | DRAWING NO: |
| | | .XX +/- .005 0"-.125 +/- .010 | | SE340-001 |
| | | .XXX +/- .005 12"-.125 +/- .010 | ENGR: T. BROWN | |
| | | ANGULAR +/- .05 90°-120° +/- .125 | SUPV: | SHEET 1 OF 2 REV 0 |

RELEASE LEVEL: WIP
DWG VERSION NO: 8

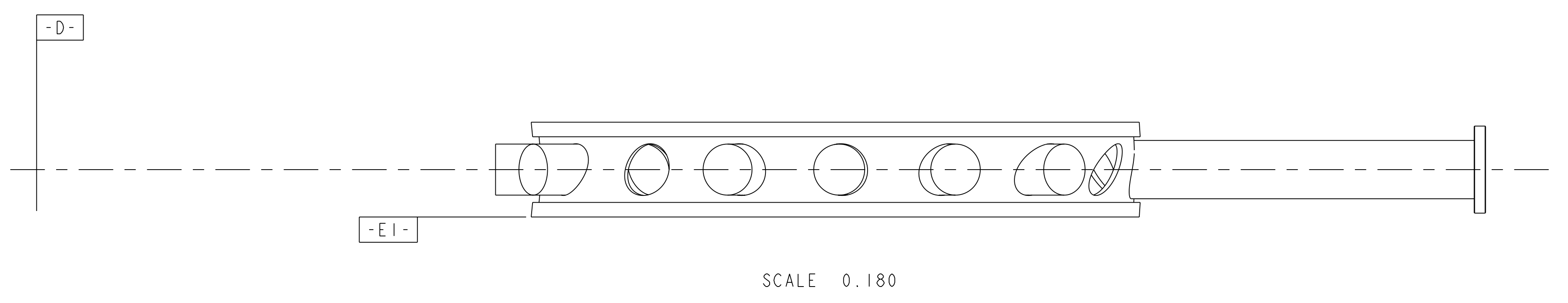
WEIGHT
+5472.2 lbs
MODEL NAME
SE340-001
WELDING ENGINEER

NCSX-SE340-001

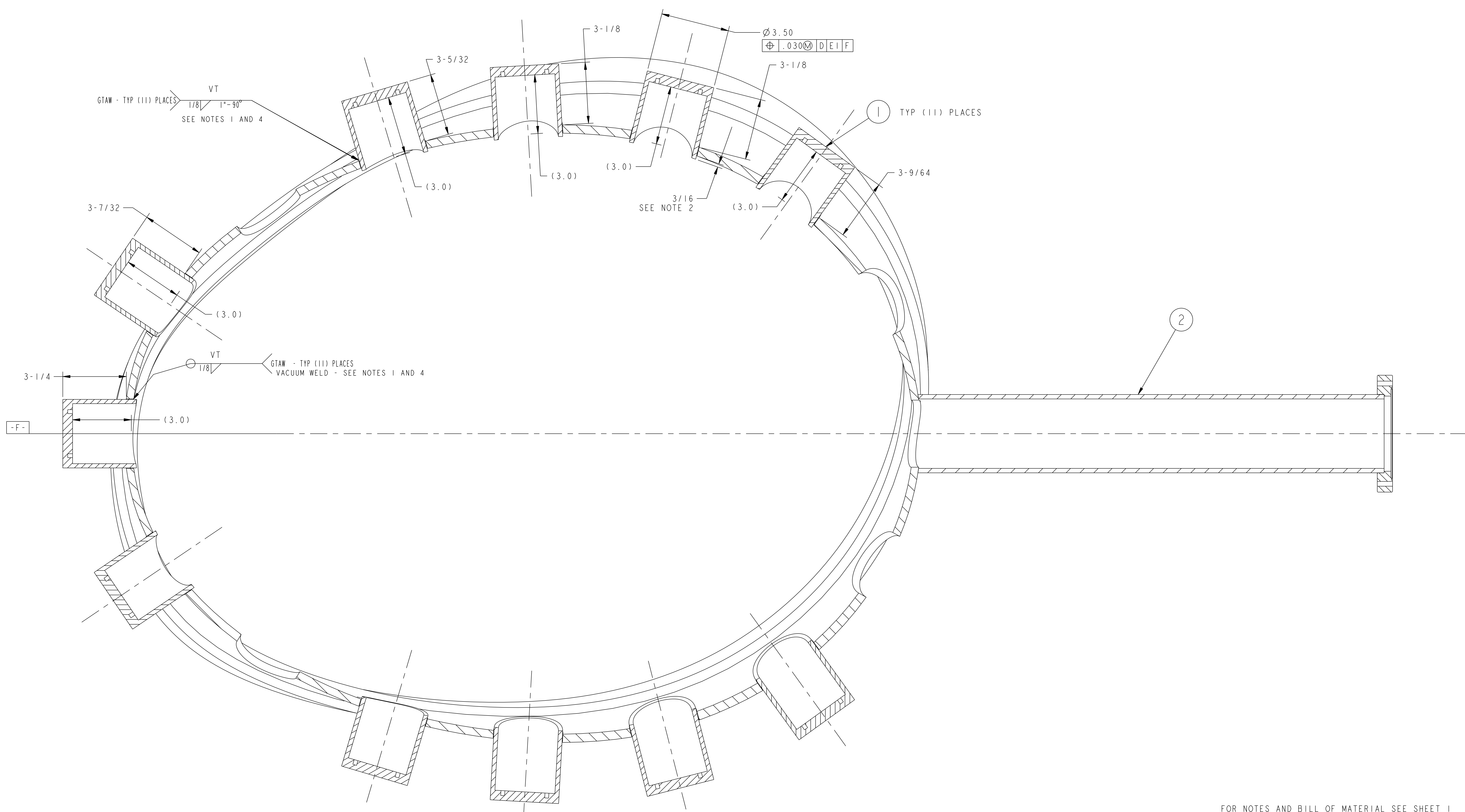
| | | | | | | |
|-----|----------|----|----|-----|----------|------|
| NO. | REVISION | BY | CH | SUP | APPROVED | DATE |
| | | | | | | |



1 SXR MOUNTING CUP
(15) REQ'D



SCALE 0.180



SECTION A-A

DIMENSIONS SHOWN ARE SYMMETRICAL ABOUT HORIZONTAL CENTERLINE

FOR NOTES AND BILL OF MATERIAL SEE SHEET 1

| | | | |
|---|--|---|---------------------------------|
| COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Pro E | CENTRAL FILES: | PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY | |
| | UNLESS OTHERWISE SPECIFIED | NATIONAL COMPACT STELLARATOR EXPERIMENT | |
| DO NOT VERIFY INFORMATION BY SCALING DRAWING | DIMENSIONS ARE IN INCHES MACHINE SURFACES | MHD DIAGNOSTICS SOFT X-RAY DIAGNOSTIC SXR ARRAY MOUNTING CUP WELDMENT | |
| NEXT ASSEMBLY | TOLERANCES NON-CUMULATIVE DECIMAL-INCH FRACTIONS .XX ±.000 .XXX ±.005 ANGULAR ±.0°-15° | DSN: L. MORRIS | DRAWING NO: SE340-001 |
| WEIGHT 15472.2 lbs | ENGR: T. BROWN | SUPV: | SHEET 2 OF 2 REV 0 |
| MODEL NAME SE340-001 | WELDING ENGINEER | | |

RELEASE LEVEL: WIP
DWG VERSION NO: 8

NCSX-SE340-001