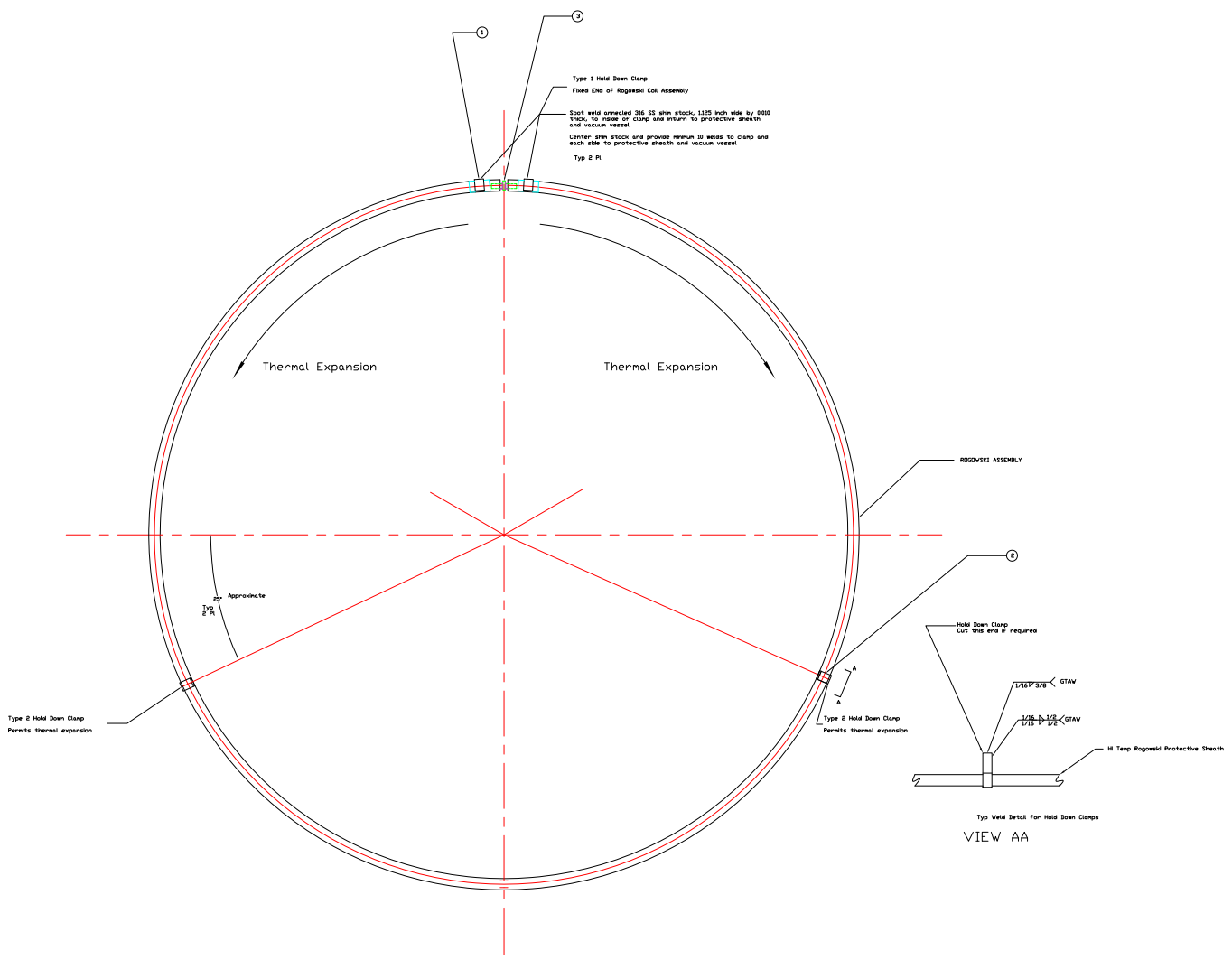


NO.	REVISION	BY	CH	SUP	APPROVED	DATE
13						
14						
15						



- NOTES:
1. Install three Rogowski Coil Assemblies, 120 degrees apart, one on each of the 3 VV segments on the outer surface and at the weld joint. The protection is standing outside the machine flange parallel, looking at the flange port, with the vacuum vessel port 12 oriented vertically, top flange up, install on the left weld flange.
 2. Add 0.010 inch thick shim stock between the Rogowski protective sheath and crossed external flux loop and spot weld to the vacuum vessel. This will act to protect the coil and cable.
 3. Nondal end fixture, one Rogowski Coil on VV1 to use Inconel with Lactoflux #3 coating (0.001 inch λ) by General Magnetics, and two Rogowski coils on VV2 and VV3 to use Zirconia.
 4. Position nondal ends against the electric end fitting.

03	02	01	PART NO.	NOMENCLATURE OR DESCRIPTION	DRAWING NO.	INTERNAL
1	2a, 2b		SHIMMED END ALUMINUM FITTING Hole 3		THIS DWD SH 2	Hole 3.
2	2		HOLD DOWN CLAMP TYPE 2		THIS DWD SH 2	INCONEL 625
2	1		FIXED END HOLD DOWN CLAMP TYPE 1		THIS DWD SH 2	INCONEL 625
			ROGOWSKI COIL ASSEMBLY		THIS DWD SH 1	
03	02	01	PART NO.	NOMENCLATURE OR DESCRIPTION	DRAWING NO.	INTERNAL
COMPUTER GENERATED DRAWING			PRINCETON PLASMA PHYSICS LABORATORY			
MANUAL CHANGES NOT FORMITTED			NATIONAL COMPACT STELLATOR EXPERIMENT			
UNLESS OTHERWISE SPECIFIED			HIGH TEMPERATURE ROGOWSKI COIL			
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED						
DRAWN BY: [Signature]						
CHECKED BY: [Signature]						
APPROVED BY: [Signature]						
DATE: [Date]						
SCALE: [Scale]						
MATERIALS: [Materials]						
FUNCTIONS: [Functions]						
END: [End]						
DWG: [DWG]						
CHK: [CHK]						
APP: [APP]						
DATE: [Date]						
SHEET 1 OF 2			REV 0			

WELDING ENGINEER
 APPR: [Signature] DATE: [Date]
 APPR: L. DUSEK DATE: 04/15/2000

SCALE: TELEPHONIC NON-COMMERCIAL DWG: FOM DWG: JAMESON DWG: PLE
 SERIALS-SECH FUNCTIONS: END: BLANK APPROVED: [Signature]
 2: A 08 0-12' 00" DWG: BLANK
 2: A 08 14'-00" 00" DWG: BLANK
 2: A 08 16'-00" 00" DWG: BLANK
 2: A 08 18'-00" 00" DWG: BLANK
 2: A 08 20'-00" 00" DWG: BLANK
 2: A 08 22'-00" 00" DWG: BLANK
 2: A 08 24'-00" 00" DWG: BLANK
 2: A 08 26'-00" 00" DWG: BLANK
 2: A 08 28'-00" 00" DWG: BLANK
 2: A 08 30'-00" 00" DWG: BLANK
 2: A 08 32'-00" 00" DWG: BLANK
 2: A 08 34'-00" 00" DWG: BLANK
 2: A 08 36'-00" 00" DWG: BLANK
 2: A 08 38'-00" 00" DWG: BLANK
 2: A 08 40'-00" 00" DWG: BLANK
 2: A 08 42'-00" 00" DWG: BLANK
 2: A 08 44'-00" 00" DWG: BLANK
 2: A 08 46'-00" 00" DWG: BLANK
 2: A 08 48'-00" 00" DWG: BLANK
 2: A 08 50'-00" 00" DWG: BLANK
 2: A 08 52'-00" 00" DWG: BLANK
 2: A 08 54'-00" 00" DWG: BLANK
 2: A 08 56'-00" 00" DWG: BLANK
 2: A 08 58'-00" 00" DWG: BLANK
 2: A 08 60'-00" 00" DWG: BLANK
 2: A 08 62'-00" 00" DWG: BLANK
 2: A 08 64'-00" 00" DWG: BLANK
 2: A 08 66'-00" 00" DWG: BLANK
 2: A 08 68'-00" 00" DWG: BLANK
 2: A 08 70'-00" 00" DWG: BLANK
 2: A 08 72'-00" 00" DWG: BLANK
 2: A 08 74'-00" 00" DWG: BLANK
 2: A 08 76'-00" 00" DWG: BLANK
 2: A 08 78'-00" 00" DWG: BLANK
 2: A 08 80'-00" 00" DWG: BLANK
 2: A 08 82'-00" 00" DWG: BLANK
 2: A 08 84'-00" 00" DWG: BLANK
 2: A 08 86'-00" 00" DWG: BLANK
 2: A 08 88'-00" 00" DWG: BLANK
 2: A 08 90'-00" 00" DWG: BLANK
 2: A 08 92'-00" 00" DWG: BLANK
 2: A 08 94'-00" 00" DWG: BLANK
 2: A 08 96'-00" 00" DWG: BLANK
 2: A 08 98'-00" 00" DWG: BLANK
 2: A 08 100'-00" 00" DWG: BLANK

