



Weld Notes:
 Welding shall be performed in accordance with the requirements of PPPL Procedure ENG 037.
 Visual inspection shall be performed in accordance with the acceptance criteria of AWS D16
 Use Inconel wire (ERNICR-3 or ERNICK-Mo-3) per PPPL Weld Procedure PPPL WPS # 107 to limit magnetic permeability

General Notes:
 1. Use oversize washers to accommodate axial build of fillet weld at weld studs then standard 3/8" washer under hold down nut.
 2. Attach cover to base PN 3 to 2 using 0.0005 inch 316 SS shim stock and spot weld

WELDING ENGINEER: G. Gaido
DATE: 11/12/2023

SCALE: 1:1

NO.	DESCRIPTION	DATE
1	ISSUED FOR FABRICATION	11/12/2023

NO.	DESCRIPTION	DATE
1	ISSUED FOR FABRICATION	11/12/2023

18	3	Drawn	G. LAHIRI
18	2	Checked	G. LAHIRI
18	1	Released	G. LAHIRI

03	02	01	
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MANUFACTURE OR DESCRIPTION: PRINCETON PLASMA PHYSICS LABORATORY
DRAWING NO.: 316 SS
LABEL: NATIONAL MAGNETIC DIAGNOSTICS CO WOUND LOOPS MODULAR COIL SENSING CABLE PROTECTIVE BOX
DATE: 11/12/2023
SCALE: 1:1