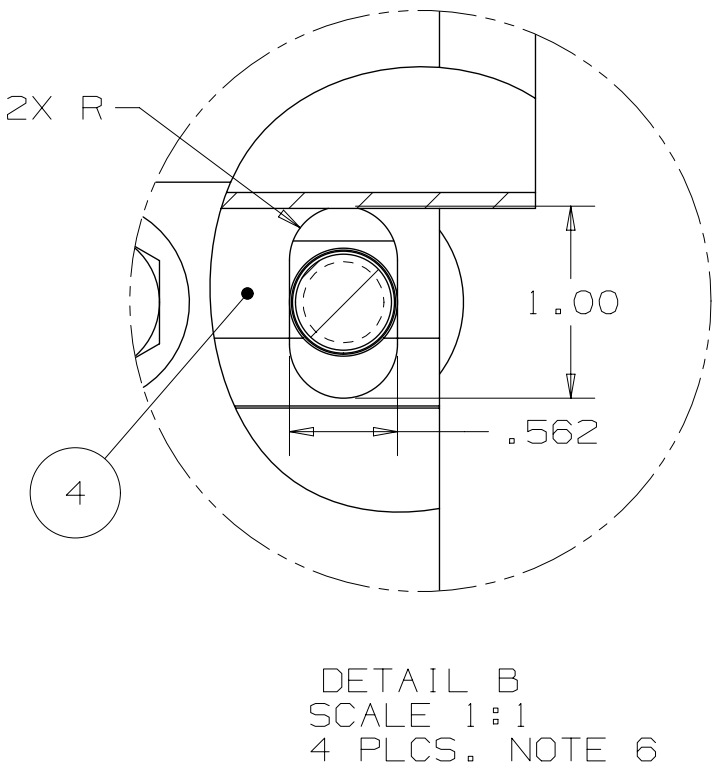
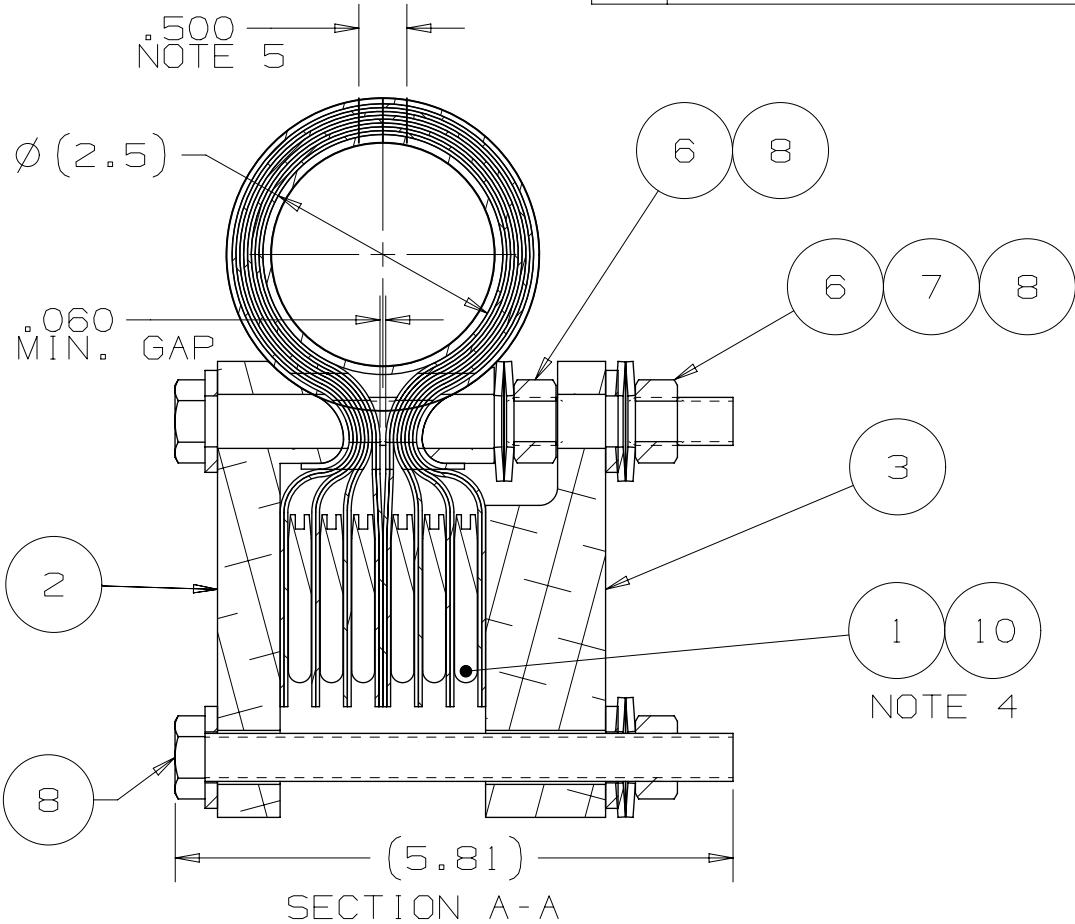
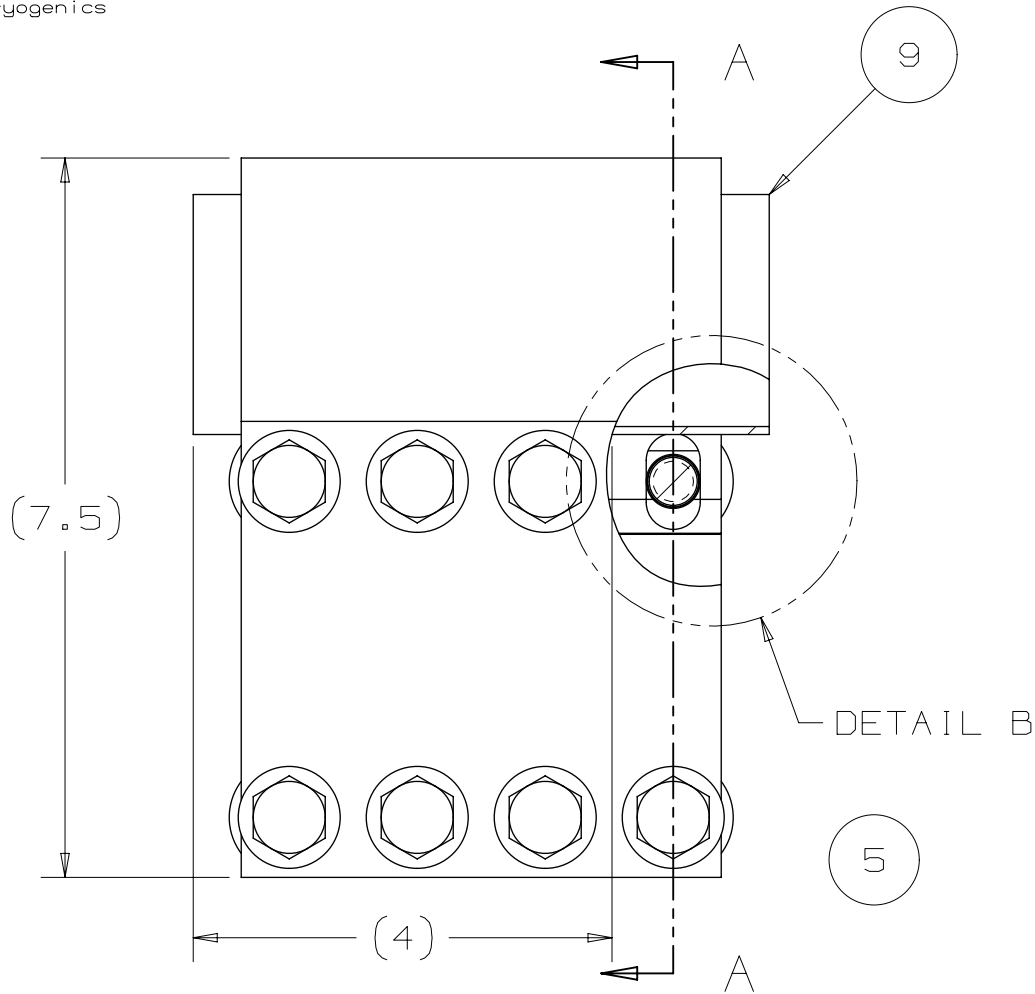


DESCRIPTION: KIT, 50K CLAMP ASSY, FULL WRAP
PROJECT: LCLSII Cryogenics
CATEGORY: KIT

REV	REVISION CONTROL DOCUMENT	DATES	SIGNATURES	
F	F10046443-F-RCD	27-Sep-2019	DRAWN	M.KRAMP
		04-Oct-2019	APPROVED	Y.ORLOV

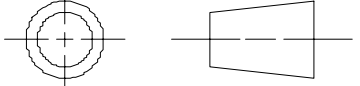


NOTES: (UNLESS OTHERWISE SPECIFIED)

- KIT MUST BE FREE OF DIRT, GREASE, OIL AND CHIPS.
- KIT TO BE FREE OF ALL SHARP EDGES, CORNERS, AND BURRS.
- TORQUE FASTENERS TO 50 FT-LBS
- ITEM 10 (NOT SHOWN) TO BE WRAPPED AROUND EACH INSTANCE OF ITEM 2 FOLLOWED WITH ITEM 11 (NOT SHOWN) TO BE CUT INTO 4-1/2" X 6" STRIPS AND WRAPPED AROUND EACH INSTANCE OF ITEM 1 PRIOR TO CLAMPING BETWEEN ITEM 4.
- INSERT SOLDER TAPE BETWEEN STRAPS (ITEM 4) AND SOLDER ALL STRAPS TOGETHER OVER ENTIRE LENGTH FOR WIDTH OF 0.5"
- DIMENSIONS REFER TO SLOT CUT IN ITEM 4 AFTER FORMING AROUND ITEM 9.

11	FC0071511	KAPTON, .005" THICK, 12" X 12" SHEET	3
10	FC0035540	KAPTON, .002" THICK, 6" WIDE	A/R
9	FC0053153	TUBE, 2.5" OD X .083" WALL X 6" LG, 304SS	1
8	FC0059802	WSHR, BELLEVILLE, 0.531x1.25x0.078, BERR-CU	24
7	FC0015581	WASHER, 1/2-0.531x1.062x0.13, SS316	16
6	FC0014529	NUT-HEX, 1/2-13x0.4375, SB	12
5	FC0009158	HHCS, 1/2-13x5.5 LGxFT, SS316	8
4	F10046432	STRAP, 50K CLAMP, FULL WRAP	8
3	F10045245	PLATE, 5K STRAP CLAMPING	1
2	F10045240	WELDMENT, 5K CLAMPING STRIP	1
1	F10036756	PLATE, WIRE CONNECTING	6
ITEM	PART #	DESCRIPTION	QTY.

PARTS LIST

UNLESS OTHERWISE SPECIFIED				
±.X	±.XX	±.XXX	±X/X	±X°
.1	.02	.005	1/16	1
BREAK ALL SHARP EDGES, MAX: .015 DO NOT SCALE DRAWING DIMENSIONS BASED ON: ASME Y14.5-2009 MAX MACHINE ALL SURFACES: 125 DRAWING UNITS: INCHES				
				
THIRD ANGLE PROJECTION				

DRAWN	M.KRAMP	DATE	17-May-2016
CHECKED	N.TANOVIC	DATE	17-May-2016
APPROVED	S.MAKAROV	DATE	18-May-2016
USED ON	F10041120		
MATERIAL	SEE PARTS LIST		
GROUP:	Technical Division - Design and Drafting		
CAGE CODE:	OU5R6		



FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

KIT, 50K CLAMP ASSY, FULL WRAP

SCALE	SIZE	DRAWING NUMBER	SHEET	REV
1:1	B	F10046443	1 of 1	F

TEMPLATE VERSION: 2018.12.03