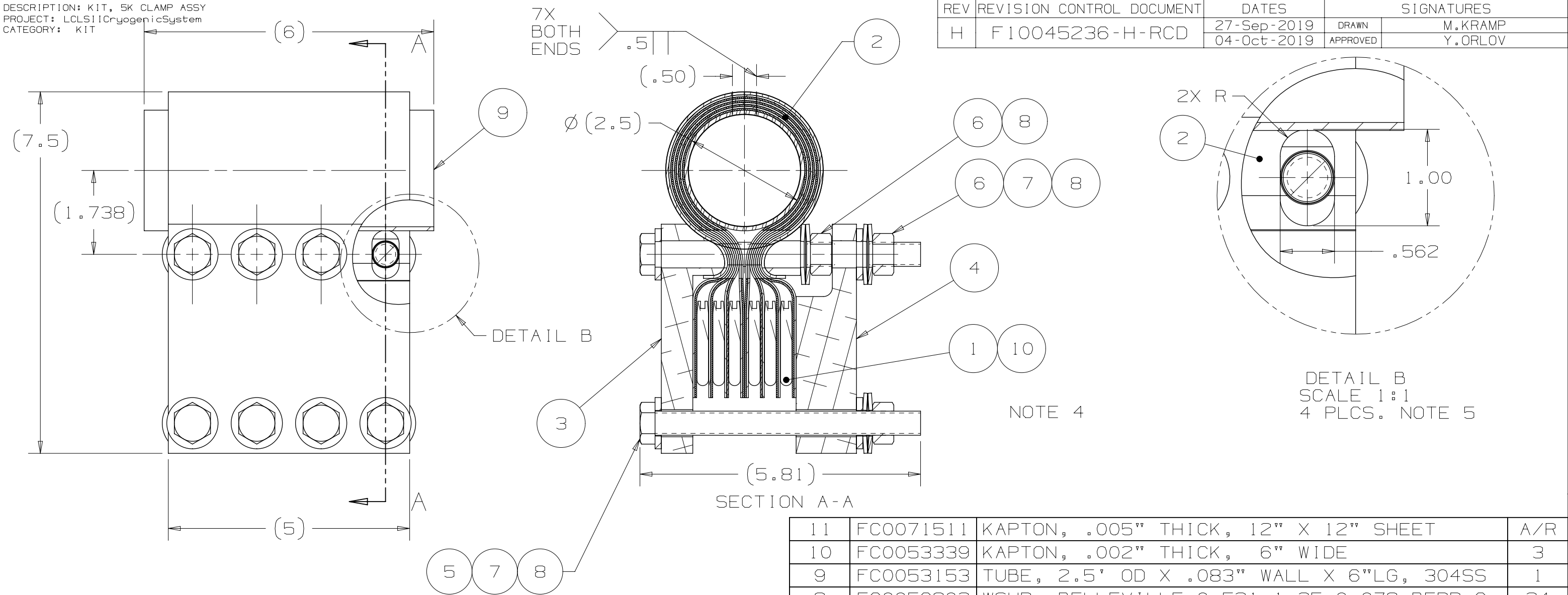


DESCRIPTION: KIT, 5K CLAMP ASSY
PROJECT: LCLSII Cryogenic System
CATEGORY: KIT

REV	REVISION CONTROL DOCUMENT	DATES	SIGNATURES
H	F10045236-H-RCD	27-Sep-2019 04-Oct-2019	DRAWN APPROVED M.KRAMP Y.ORLOV



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. KIT MUST BE FREE OF DIRT, GREASE, OIL AND CHIPS.
2. KIT TO BE FREE OF ALL SHARP EDGES, CORNERS, AND BURRS.
3. TORQUE FASTENERS TO 50 FT-LBS
4. ITEM 10 (NOT SHOWN) TO BE WRAPPED AROUND EACH INSTANCE OF ITEM 1, FOLLOWED WITH ITEM 11 (NOT SHOWN) TO BE CUT INTO 4-1/2"X6" STRIPS AND WRAPPED AROUND EACH INSTANCE OF ITEM 1, PRIOR TO CLAMPING BETWEEN ITEM 2.
5. DIMENSIONS REFER TO SLOTS CUT IN ITEM 2 AFTER FORMING AROUND ITEM 9.

11	FC0071511	KAPTON, .005" THICK, 12" X 12" SHEET	A/R
10	FC0053339	KAPTON, .002" THICK, 6" WIDE	3
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, 1/2-13x5.5LGxFT, SS316	8
4	F10045245	PLATE, 5K STRAP CLAMPING	1
3	F10045240	WELDMENT, 5K CLAMPING STRIP	1
2	F10045237	STRIP, 5K CLAMP ASSY	8
1	F10036756	PLATE, WIRE CONNECTING	6
ITEM	PART#	DESCRIPTION	QTY.

PARTS LIST

UNLESS OTHERWISE SPECIFIED					DRAWN	M.KRAMP	DATE	17-Aug-2015	 FERMI NATIONAL ACCELERATOR LABORATORY UNITED STATES DEPARTMENT OF ENERGY				
±.X	±.XX	±.XXX	±X/X	±X°	CHECKED	N.TANOVIC	DATE	19-Aug-2015					
.1	.02	.005	1/16	1	APPROVED	S.MAKAROV	DATE	20-Aug-2015					
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					USED ON				NAME				
					F10009950				KIT, 5K CLAMP ASSY				
					MATERIAL				SCALE 1:2				
					SEE PARTS LIST				SIZE B				
					GROUP: Technical Division - Design and Drafting				DRAWING NUMBER F10045236				
					CAGE CODE: 0U5R6				SHEET 1 of 1				
									REV H				

TEMPLATE VERSION: 2018.08.24