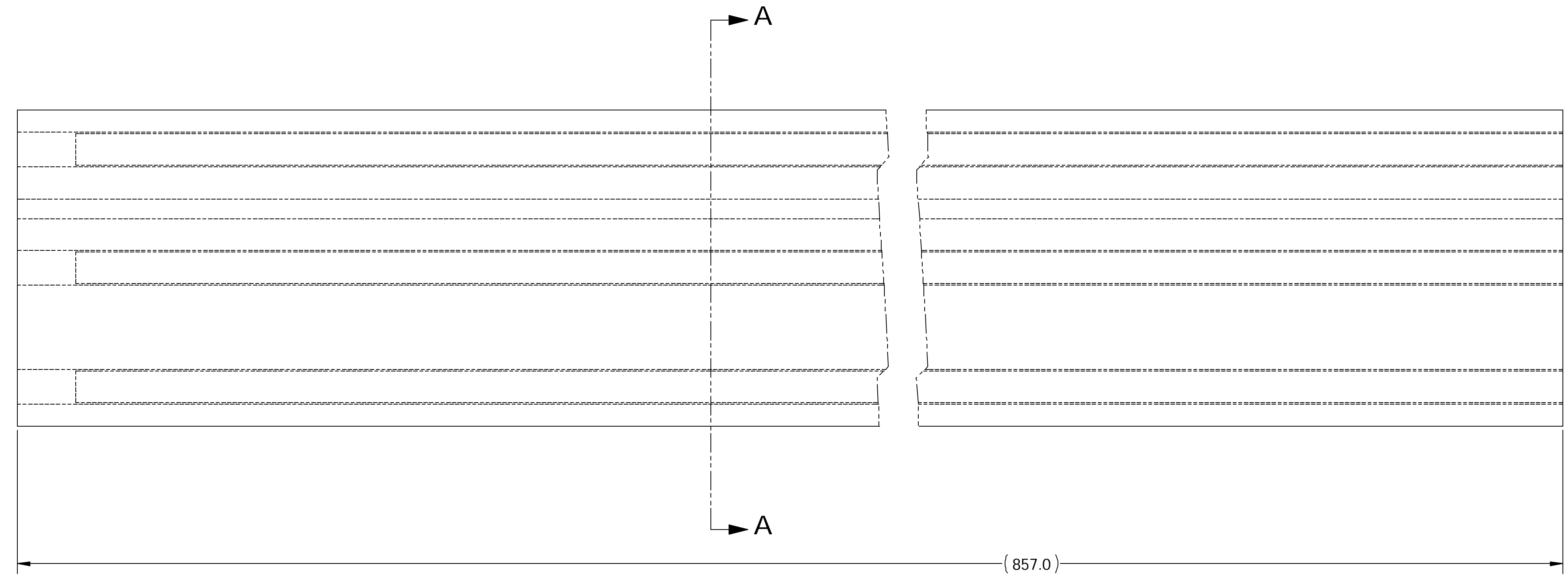
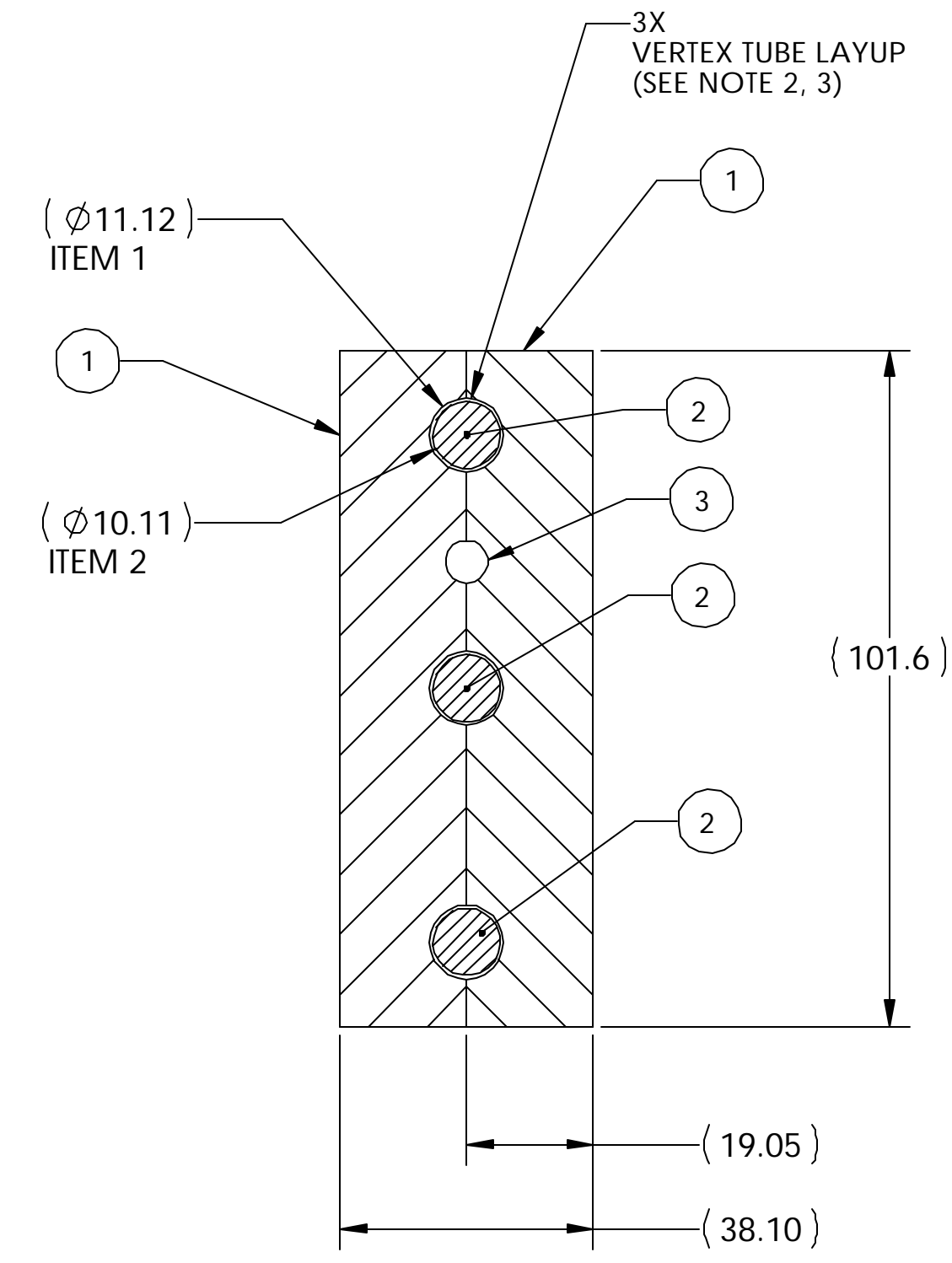
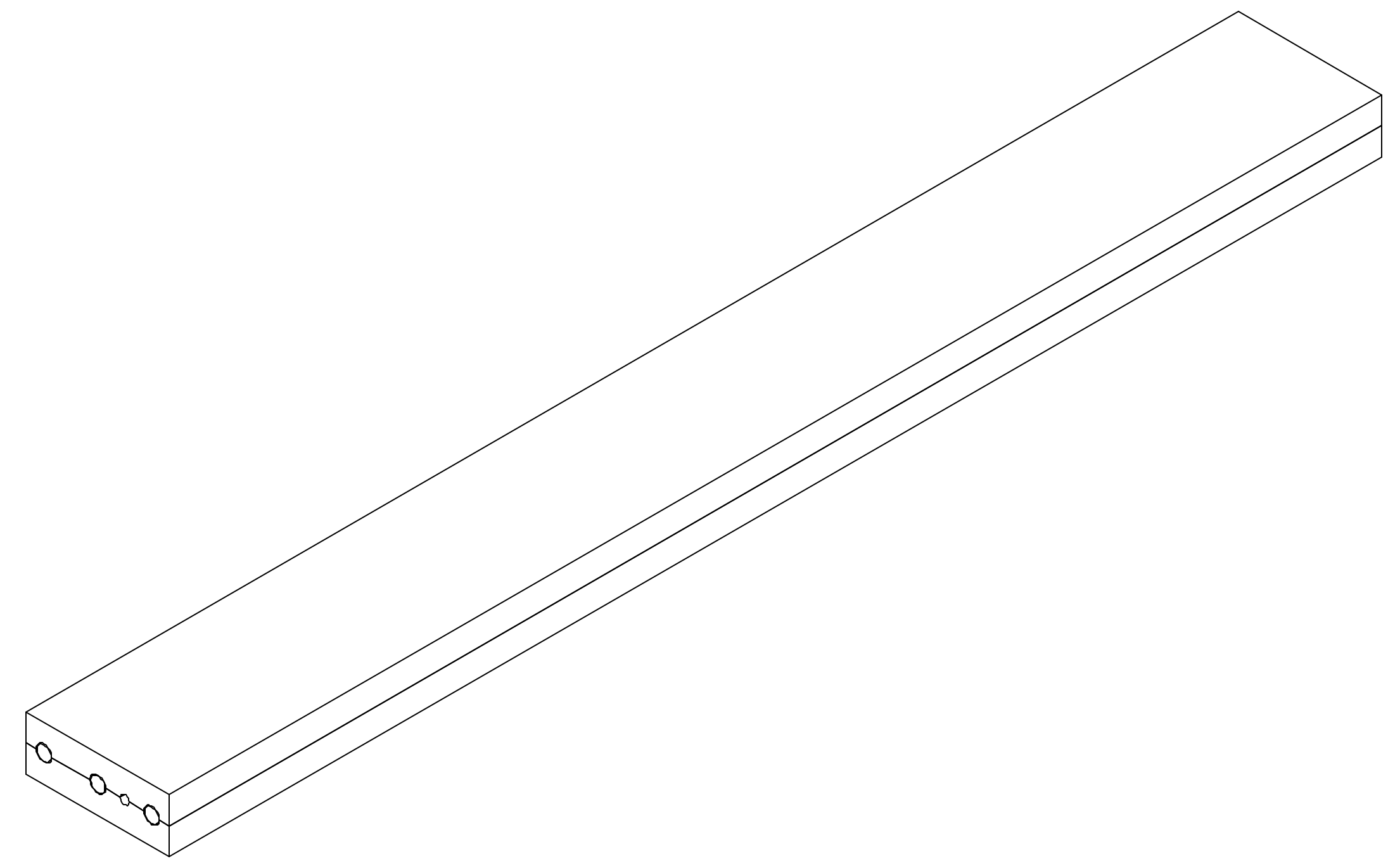


ITEM	PART NO.	REQD	DESCRIPTION	MATERIAL
3	21F715-9	1	6.35 DIA. MOLD ALIGNMENT ROD	STEEL
2	21F715-7	3	VERTEX STIFFENING TUBE MANDREL	STEEL
1	21F712	2	VERTEX STIFFENING TUBE MOLD CAVITY	STEEL



SECTION A-A  
SCALE 1:1

- NOTES: UNLESS OTHERWISE SPECIFIED
1. DIMENSIONS IN MILLIMETERS
  2. MOLD USED TO FORM CENTRAL AND END SECTION VERTEX STIFFENER TUBES (PART 21F653 AND 21F673)
  3. SEE PART DRAWINGS FOR MATERIAL SPECIFICATION

REV		DWG	CHK	ZONE	DATE	CHANGES		UNLESS OTHERWISE SPECIFIED		SHOP ORDERS		SER NO.		ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY UNIVERSITY OF CALIFORNIA - BERKELEY #	
									TOLERANCES	ACCT NO.	NO. REQD	DATE ISSD	ATLAS PIXEL DETECTOR SPACEFRAME STIFFENING TUBE MOLD ASSEMBLY		
									X.X ± 0.5	FRAC. ± 1/64			SCALE: 1:1		
									X.XX ± 0.25	ANGLES ± 30°			DO NOT SCALE PRINT		
									X.XXX ± 0.013	FINISH 1.6			SHEET 1 OF 1		
									DO NOT SCALE PRINT		PROJECT NAME		DWG. TYPE		SIZE
									THREDS ARE CLASS 2		PROJECT NO.		ASSEM		REV.
									CHAMFER ENDS OF ALL SCREW THREDS 30°		PROJECT US ATLAS SILICON SUBSYSTEM		N/A		
									CUT ROUND, 1.5 THREAD RELIEF ON MACHINED THREDS		DATE		SCALE		
									BREAK EDGES .016 MAX. ON MACHINED WORK		5/8/2001		1:1		
									REMOVE BURS, WELD SPLATTER & LOOSE SCALE		DATE		CATEGORY CIDE		
									IN ACCORDANCE WITH ASME Y14.5m & B46.1		5/31/2001		DWG. NO.		
											DATE		21F7114		
											DATE		SIZE		
											DATE		REV.		
											DATE				