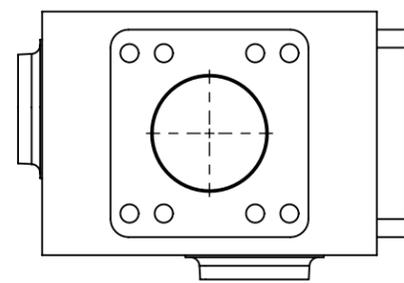
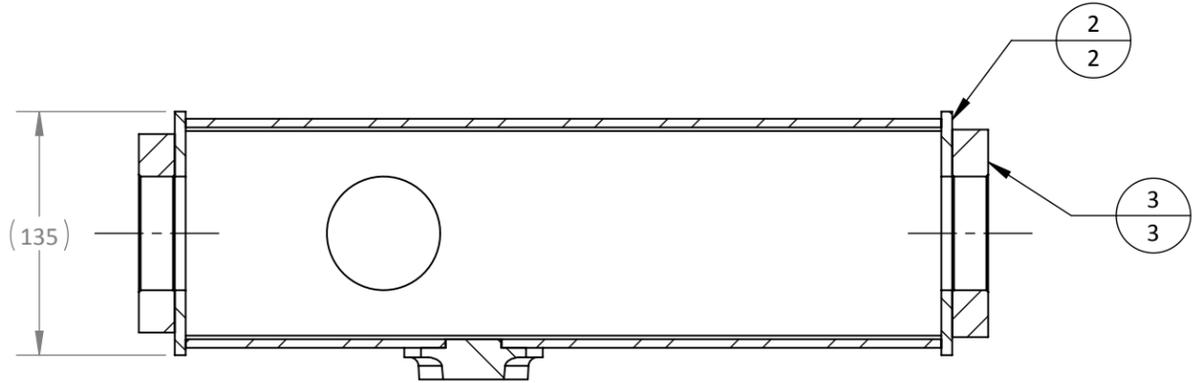
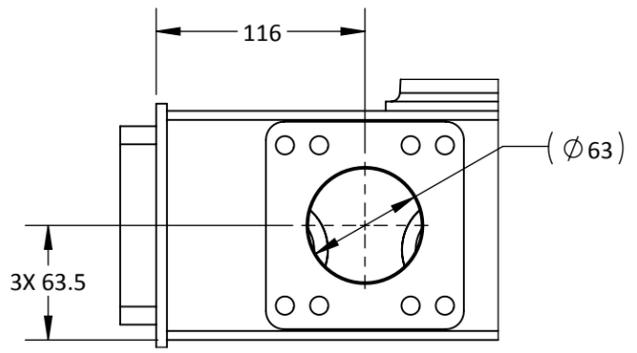
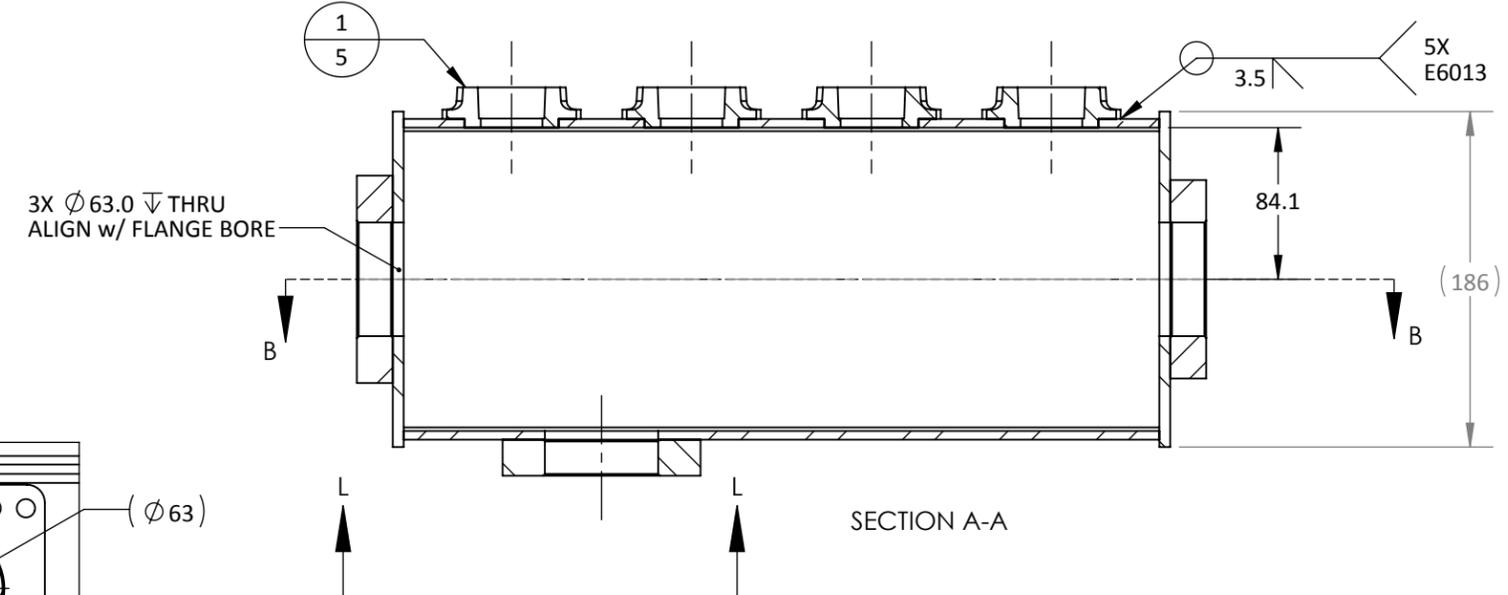
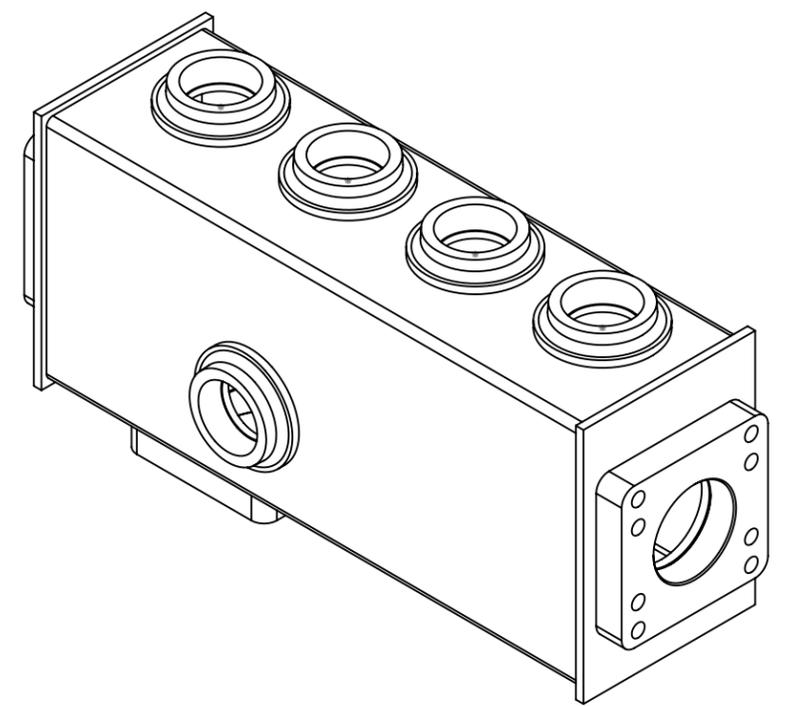
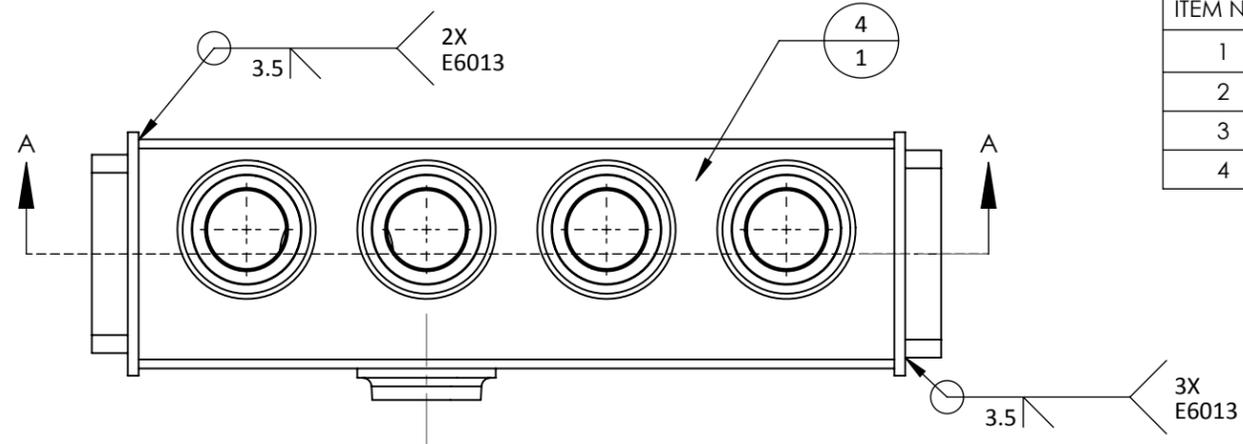
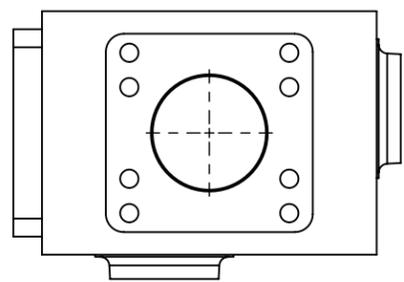


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	95443	WELD COLLAR 1 1/2 NPT PHOENIX FORGED FITTING SERIES 250	5
2	95444	STEEL PLATE 186 X 135 X 6MM THK	2
3	254954	PLATE, MOUNTING, VALVE	3
4	254955	MANIFOLD STEEL RHS 152.4 X 127 X 4.8	1



SECTION B-B

MAKE MODEL FROM:1509-LS-046-A

NOTES;  
1. MANIFOLD MUST BE LEAK TESTED AFTER WELDING OPERATIONS.  
MANIFOLD MUST BE 100 % LEAK FREE

REV	CHANGED FROM	BY	DATE	APRD
A	PRE-RELEASE	CPS	4/29/13	
B	RELEASE FOR PRODUCTION	CPS	5/10/13	
C	CHANGES REQUESTED PER MANFUCATURER DRW REVIEW	CPG	1/13/14	
D	95443 DESCRIPTION (ROMAX DOC 1509-ECN-025 REFERS)	CPG	7/8/14	
E	CHANGES PER MFG REVIEW	CPG	1/18/16	

REPORT ERRORS & CHANGES  
REMOVE ALL BURRS AND SHARP EDGES  
DIMENSIONS ARE IN MILLIMETERS.  
UNSPECIFIED TOLERANCES:  
DECIMALS: FINISH: ANGLES:

X. ±1.0 6.3  $\sqrt{\mu\text{m Ra}}$  <math>\le \pm 0.5^\circ</math>  
.X ±0.5  
.XX ±0.25

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OTHER DRAWINGS OR MACHINERY

DRAWN CPS DATE: 4/29/13  
CHECKED NJB THIRD ANGLE PRJ

**National Renewable Energy Laboratory**

TITLE: **DRAIN MANIFOLD - FABRICATED ASSY**

SIZE **B** DWG. NO. **254956** REV **E**

SCALE: 1:4 WEIGHT: 16.25 kgs SHEET 1 OF 1