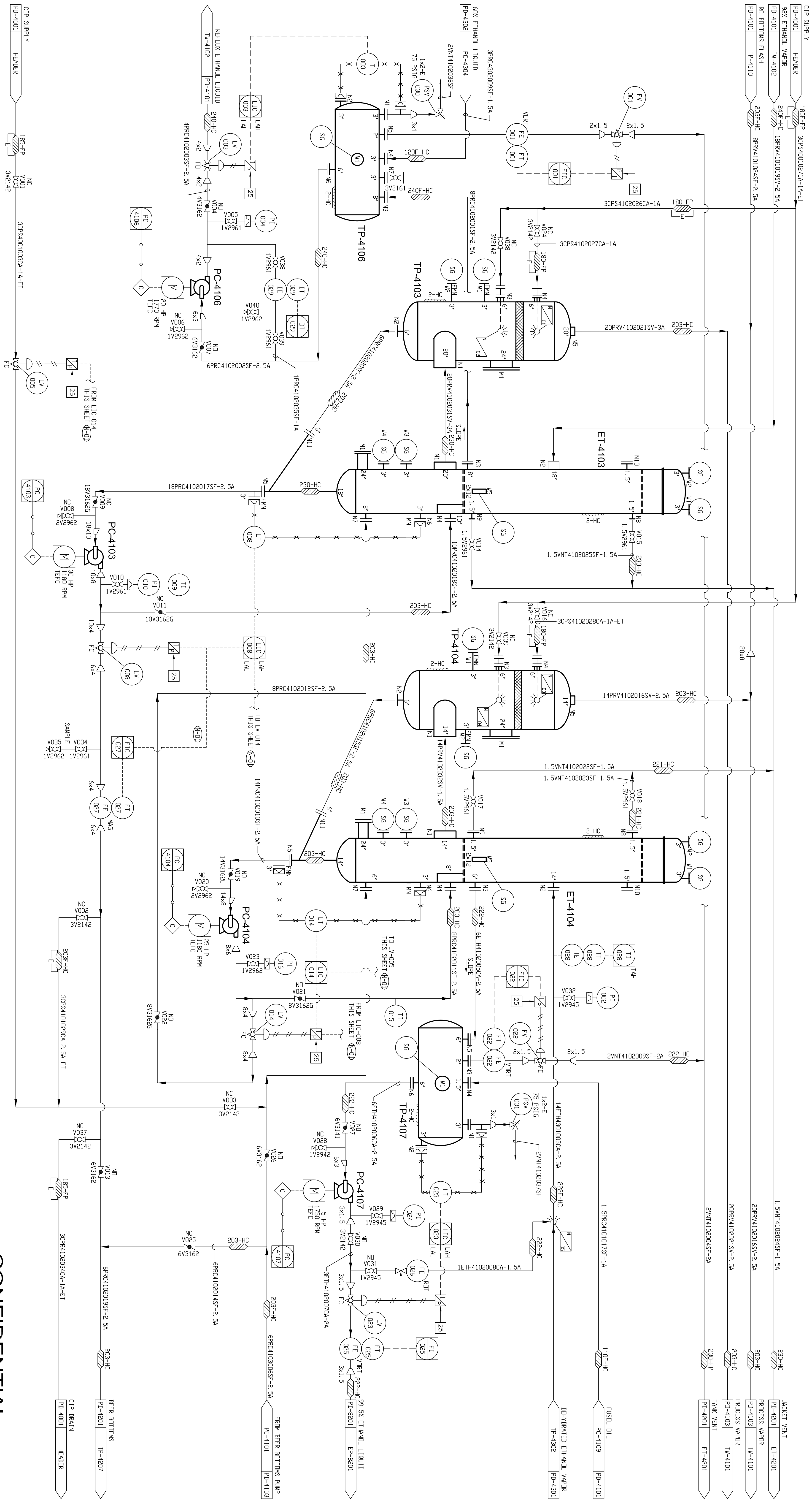


TP-4106	92% ETHANOL RECEIVER SIZE: 3'-6"x6'-0" CAPACITY: 600 GAL MATERIAL: 304L SS 75/FTV @ 400°F	PC-4106	RC REFUX PUMP SIZE: 2x3-13 CAPACITY: 220 GPM @ 100 FT MATERIAL: 316 MIX GOLDS 3196 MIX	TP-4103	SEPARATOR VAPOR TO BEER COLUMN SIZE: 5' -0" @ 10'-0" CAPACITY: 23.5MM BTU/HR SS 75/FTV @ 250°F	ET-4103	RC CONDENSER BE REBOLLER 4'-6" @ 40'-0" SIZE: 9' 425 FT @ 2 CAPACITY: 23.5MM BTU/HR SS 75/FTV @ 250°F-304L SS 15 CS/FTV @ 250°F-304L SS	PC-4103	RC COND./ BE REBOLLER RECIRCULATION PUMP SIZE: 6x8-15 CAPACITY: 1300 GPM @ 55 FT MATERIAL: 316 SS GOLDS 3196 KLT	TP-4104	SEPARATOR VAPOR TO BEER COLUMN SIZE: 3' -6" @ 10'-0" CAPACITY: 11.4MM BTU/HR MATERIAL: 304L SS 75/FTV @ 250°F	ET-4104	BE REBOLLER/ 200 PF CONDENSER 3'-8" @ 40'-0" SIZE: 5,969 FT @ 2 CAPACITY: 11.4MM BTU/HR MATERIAL: 304L SS 75/FTV @ 250°F 15 CS/FTV @ 250°F	PC-4104	BE REBOLLER RECIRCULATION PUMP SIZE: 6x8-13 CAPACITY: 850 GPM @ 60 FT MATERIAL: 316 SS GOLDS 3196 KLT	PC-4107	99.5 Wt% ETHANOL PUMP SIZE: 1.5x3-10 CAPACITY: 80 GPM @ 65 FT MATERIAL: 316 SS GOLDS 3196 MIX	TP-4107	99.5 Wt% ETHANOL RECEIVER SIZE: 2' -0" @ 4'-0" CAPACITY: 120 GAL MATERIAL: 304L SS 75/FTV @ 400°F
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NOTE:
1. ALTERNATE CONTROL SCHEME DURING CIP ONLY.

RELEASED FOR
DETAILED DESIGN
DATE: 11/15/06 BY: JL

THERMAL KINETICS
Engineering, P.L.L.C. & Systems, LLC
667 Tift Street
Buffalo, NY 14220

DATE	BY	REV	DESCRIPTION
11-15-06	JL	1	RELAYED FOR DETAIL DESIGN
05/20/07	JL	2	REVISION

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