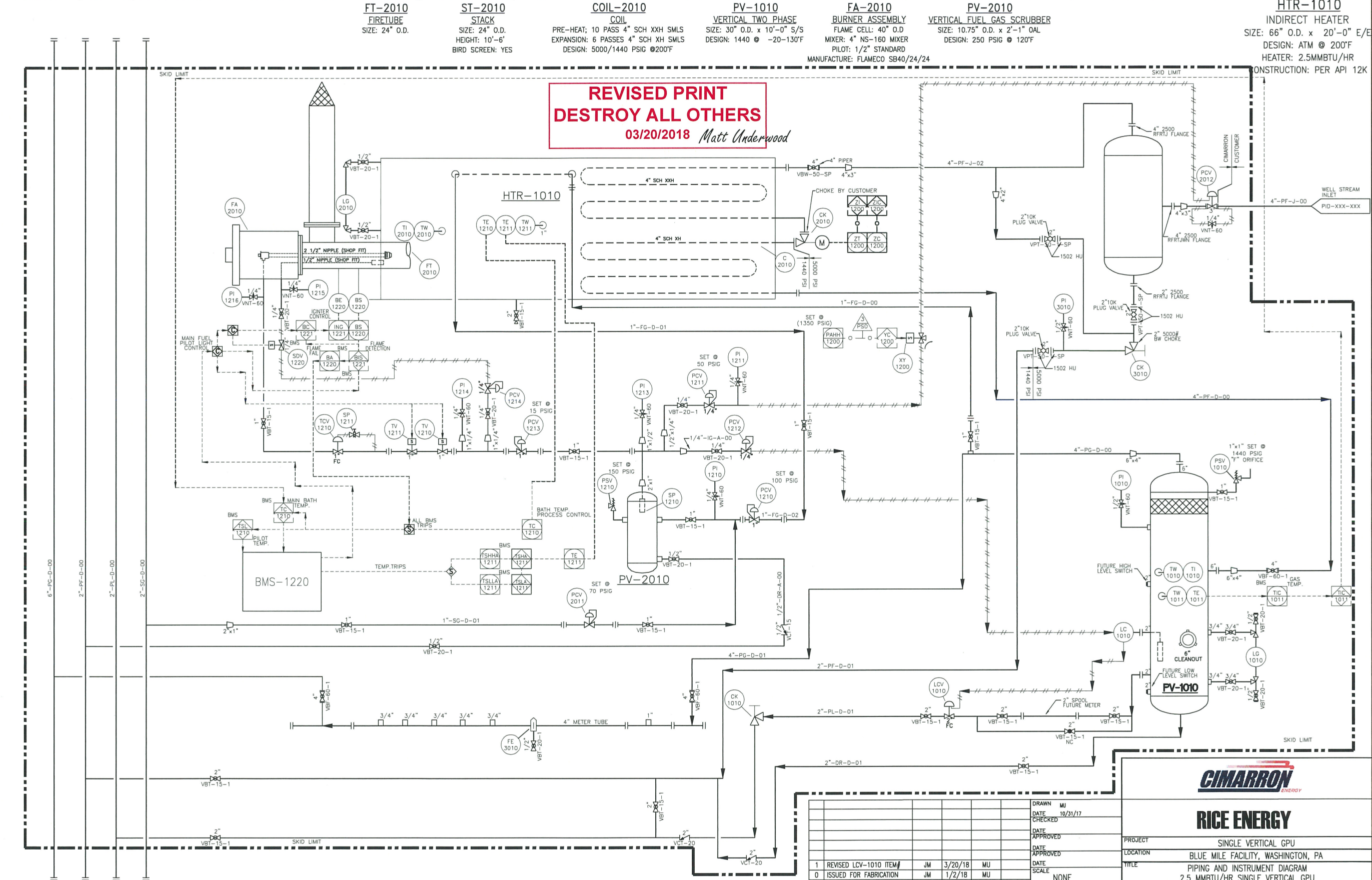


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Matt Underwood 03/20/2018

VALVES				
ITEM NO.	TAG NO.	QTY.	DESCRIPTION	MAKE/MODEL NO.
146748	4"-VBW-50-SP	1	VALVE, BALL, 4" 5000 PSI WP, FULL PORT, THREE PIECE DESIGN, CARBON STEEL Xylan COATED BODY AND BONNET, ENP CARBON STEEL BALL, 17-4PH SST STEM, CARBON STEEL SEAT CARRIER, CELCON SEAT SEAL, POLYMYTE- NITRILE STEM SEAL, PEROXIDE-CURED NITRILE O-RING, A93-B7 STUDS, GEAR OPERATED, FIRE TESTED, NACE	PIPER BC304111111111
147578	4"-VBW-50-SP	1	KIT, GEAR OPERATOR FOR 4" PIPE BC304	PIPER GP-BC-304-1
148214	2"-VPT-50-SP	3	VALVE, PLUG, 2" FIG. 1502 VALVE BODY, 15000 PSI WP, TOP ENTRY, STRAIGHT POCKET, QUARTER TURN ENP CARBON STEEL BALL, 17-4PH SST STEM, CARBON STEEL SEAT CARRIER, CELCON SEAT SEAL, POLYMYTE- NITRILE STEM SEAL, PEROXIDE-CURED NITRILE O-RING, A93-B7 STUDS, HANDLE OPERATED, FIRE TESTED, NACE	BRC 100-03-02B
119422	4"-VBF-60-1	3	BALL VALVE, 4" 600# RF ENDS, FULL PORT, CS BODY, CARBON STEEL NICKEL CHROME PLATED BALL, CARBON STEEL STEM, TFE STEM SEAL, BUNA-N STEM O-RING, NYLON SEATS, GEAR OPERATED	BALON 4F-F63
123532	2"-VBT-15-1	9	VALVE, BALL, 2" 1500 PSI WP, FULL PORT, THREADED ENDS, DUCTILE IRON BODY, CS / CHROME PLATED BALL, CS STEM, SEAL, NYLON SEAT, PC BUNA N STEM AND BODY SEAL, BLOWOUT PROOF STEM, WITH HANDLE	BALON 2F-S62-SE
116502	1"-VBT-15-1	7	VALVE, BALL, 1" 1500 PSI WP, THREADED ENDS, DUCTIL IRON BODY, CARBON STEEL / CHROME PLATED BALL, CARBON STEEL STEM, FULL PORT, NYLON SEAT, PC BUNA N STEM AND BODY SEAL, WITH HANDLE	BALON 1F-S62-SE
116555	2" VCT-20	2	CHECK VALVE, 2" THREADED ENDS, 2000 PSI, DUCTILE IRON BONNET AND BODY, SWING CHECK, 316 SST DISC, SHAFT AND BUSHINGS, INTEGRAL METAL / RESILIENT SEAT / DISC, HNBR SEALS	BALON CR-292-SE
116484	1/2"-VBT-20-1	4	VALVE, BALL, 1/2" 2000 PSI WP, THREADED ENDS, CARBON STEEL BODY, CS CHROME PLATED BALL, CARBON STEEL STEM MPTFE STEM PACKING, RPTFE SEAT, FIRE SAFE, BLOW-OUT PROOF STEM, WITH HANDLE	APOLLO 73A-103-01A
148122	3/4"-VBT-20-1	2	VALVE, BALL, 3/4" 2000 PSI WP, THREADED ENDS, CARBON STEEL BODY, CS CHROME PLATED BALL, CARBON STEEL STEM MPTFE STEM PACKING, RPTFE SEAT, FIRE SAFE, BLOW-OUT PROOF STEM, WITH HANDLE	APOLLO 73A-104-01A
147682	1/4"-VBT-20-1	4	VALVE, BALL, 1/4" 2000 PSI WP, THREADED ENDS, CARBON STEEL BODY, CS CHROME PLATED BALL, CARBON STEEL STEM MPTFE STEM PACKING, RPTFE SEAT, FIRE SAFE, BLOW-OUT PROOF STEM, WITH HANDLE	APOLLO 73A-101-01A
116616	1/4"-VNT-60	7	VALVE, NEEDLE, 1/4" MNPT X FNPT, 6000 PSI WP, WCB BODY, BUNA-N STEM O-RING, ACETAL SEAT, SST STEM BUNA-N BONNET O-RING	BALON N263-MF
116617	1/2"-VNT-60	2	VALVE, NEEDLE, 1/2" MNPT X FNPT, 6000 PSI WP, WCB BODY, BUNA-N STEM O-RING, ACETAL SEAT, SST STEM BUNA-N BONNET O-RING	BALON N463-MF
116545	1/2" VCT-15	1	VALVE, CHECK, 1/2" NPT ENDS, 1500 PSI WORKING PRESSURE BONNET, OUTSIDE SCREW AND YOKE, BOLTED COVER, STELLITE SEATS, NACE	KIMRAY YBE 1/2 CV150

PLOT: J:\ENGINEER\FROMPICOR\OLIGAS\JOBS - YEAR 2017\CPUIC004-0013 (2.5MM SINGLE CPU -RICE ENERGY)\DRAWINGS\PAID\FOR FAB\CPUIC004-1-01_REV.1.DWG MAR. 20, 2018 -12:54pm MUNDERWOOD

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**REVISED PRINT
DESTROY ALL OTHERS**
Matt Underwood 03/20/2018

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PLOT: J:\ENGINEER\FROMEPCOR\OLAGAS\JOBS - YEAR 2017\GPUN0004-0013 (2.5MM SINGLE GPU -RICE ENERGY)\DRAWINGS\PAID\FOR FAB\GPUN0004-1-01_REV.1.DWG MAR. 20, 2018-12:56pm MUNDERWOOD