

V-01
24" OD X 7'-6" S/S
VERTICAL 3 PHASE SEPARATOR
DRESSED 2 PHASE
1440 PSI WAMP @ 120 DEGR. F
NET DEFLECTOR FLAT SHELL
4" THICK 316 SS & BC
SOUR SERVICE RT-1, PMHT
1/8" CORROSION ALLOWANCE

V-02
8" X 36" S/S
FLUE GAS SCRUBBER
205 PSI WAMP
REGISTERED IN AB, SK, & BC
SOUR SERVICE

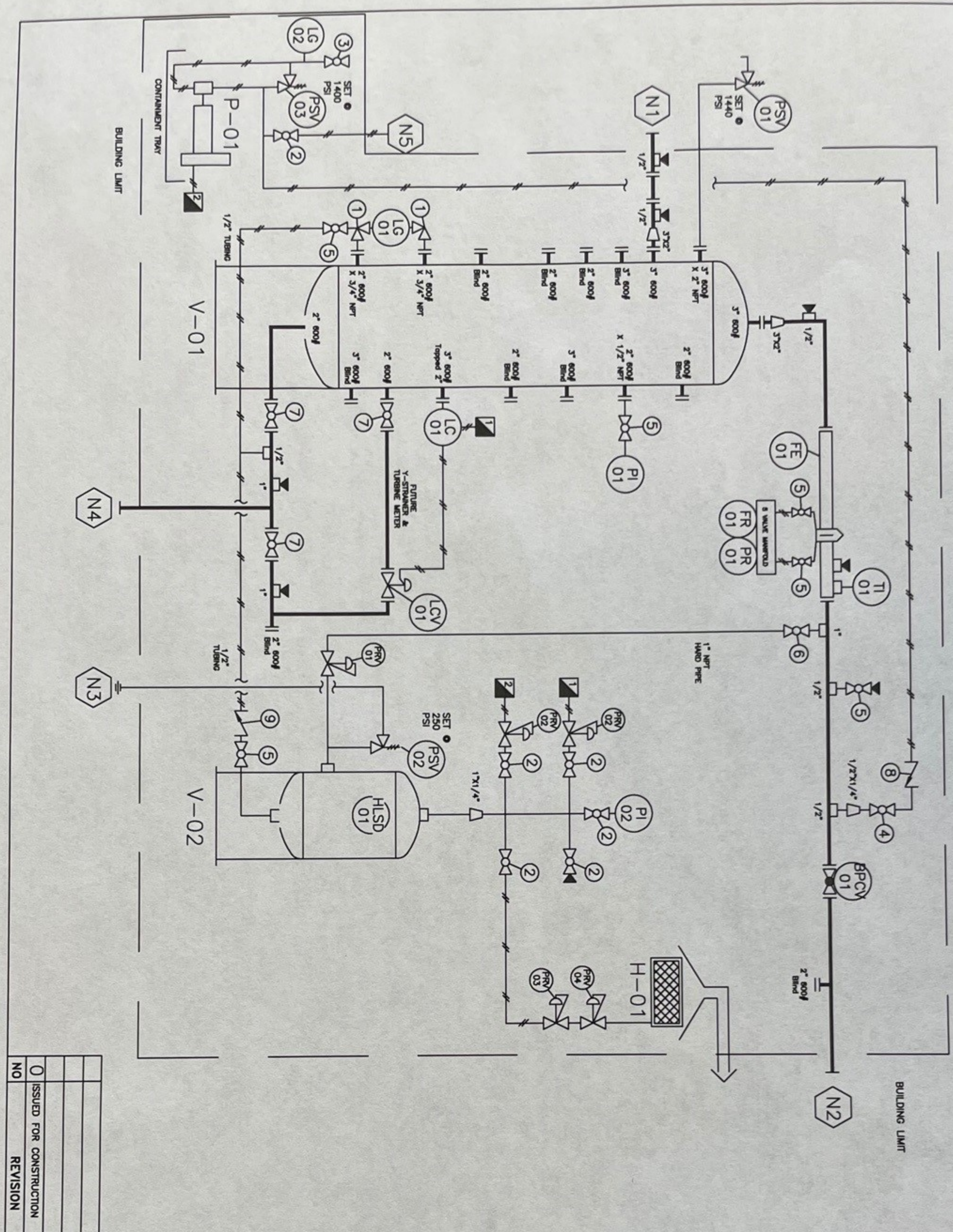
P-01
BRUNN 5100
METHANOL PUMP
3/8" PLUNGER
BUVA SEALS
CONTAMINANT TRAY

H-01
CO THERMAL 24" X 24"
20,000 BTU/HR CATALYTIC
12V HEATER C/W 100K SAFETY SHUTOFF
25' CABLES

LINE LIST	SIZE	DESCRIPTION
N1	2" 600# RF	INLET
N2	2" 600# RF	GAS OUTLET
N3	1" NPT	SCRUBBER PSV OUTLET
N4	2" 600# RF	LIQUID OUTLET
N5	3/8" TUBING	METHANOL TO WELLHEAD

VALVE LIST	DESCRIPTION	MATERIAL	VALVE TAG
1	2" 1/2" 4000#	ANGLE VALVE SCREWED	330-1-NQ
2	6 1/4" 2000#	BALL VALVE SCREWED	DHV NACE
3	1 1/2" 2000#	BALL VALVE SCREWED	DHV NACE
4	1 1/4" 3000#	BALL VALVE SCREWED	WKM NACE
5	6 1/2" 3000#	BALL VALVE SCREWED	WKM NACE
6	1" 3000#	BALL VALVE SCREWED	WKM NACE
7	3 2" 3000#	BALL VALVE FLANGED	DHV NACE
8	1 1/4" 3000#	CHECK VALVE SCREWED	SS INLINE
9	1 1/2" 3000#	CHECK VALVE SCREWED	SS PLAINSMAN

MATERIAL LIST	QTY	TAG #	DESCRIPTION
1	1	FE-01	2" 600# ANSI SR WELDER RNM (NACE)
1	1	HLSD-01	C/W FLOW CONDITIONER (AGA-2000)
1	1	LCV-01	LOTECH MECHANICAL FLOAT SHUTOFF
1	1	LC-01	2" 600# ANSI NORMSEAL 2220 C/W 1"
1	1	LG-01	TRIM (NACE) TO 5000 SUMP ACTING
1	1	LG-02	2" NPT CONTROL (NACE)
1	1	LG-03	LEVEL CONTROLLER (NACE)
1	1	LG-04	4" LIQUID LEVEL / RATE GAUGE
1	1	PI-01	0-1500 PSI D.S. L.F. B.M. 4" FACE
1	1	PI-02	0-300 PSI D.S. L.F. B.M. 2.5" FACE
1	1	PRV-01	1" NPT BELGAS P827 (70 - 150 PSI)
1	1	PRV-02	1" NPT BELGAS P827 (70 - 150 PSI)
1	1	PRV-03	1" NPT BELGAS P827 (70 - 150 PSI)
1	1	PRV-04	FISHER 912 REGULATOR
1	1	PSV-01	MAXIMIL REGULATOR
1	1	PSV-02	2 3/4" NPT WELDER (SOUR SERVICE) -
1	1	PSV-03	SET 1440 PSI
1	1	PSV-04	1 1/2" NPT WELDER (SOUR SERVICE) -
1	1	PSV-05	SET 250 PSI
1	1	PSV-06	1 1/2" x 1/4" NPT SWAGelok - SET 1440
1	1	PSV-07	PSI
1	1	PSV-08	-40 TO +160 F. D.S. C/W 304 SST TW
1	1	PSV-09	BARTON 200R 2 PSI SOUR SERVICE
1	1	PSV-10	CHART RECORDER C/W SS 5 VAV MAN
1	1	PSV-11	2" 600# GLOBE VALVE (NACE)



NO	REVISION	BY	DATE	APPROVED	SH NO	REV
0	ISSUED FOR CONSTRUCTION	SM	JAN 23, 12			

CUSTOMER:
24" X 7'-6" S/S
1440 PSI 2 PHASE SOUR
VERTICAL SEPARATOR

PIPING & INSTRUMENTATION DIAGRAM
DATE: JAN 23, 2012
SCALE: N.T.S.
DWG NO: 8588P&ID
REV: 1