

SHIPPING DETAILS

TOTAL WIDTH- 10'-8" TOTAL LENGTH- 23'-6"
TOTAL HEIGHT- 12'-4" APROX. WEIGHT- 14800 LBS

REV	DATE	DESCRIPTION	BY

RJV

GAS FIELD SERVICES.

*4901- BRUCE RD. VEGREVILLE, ALTA
T9C-1C3
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TITLE: HUSKY OIL OPERATIONS

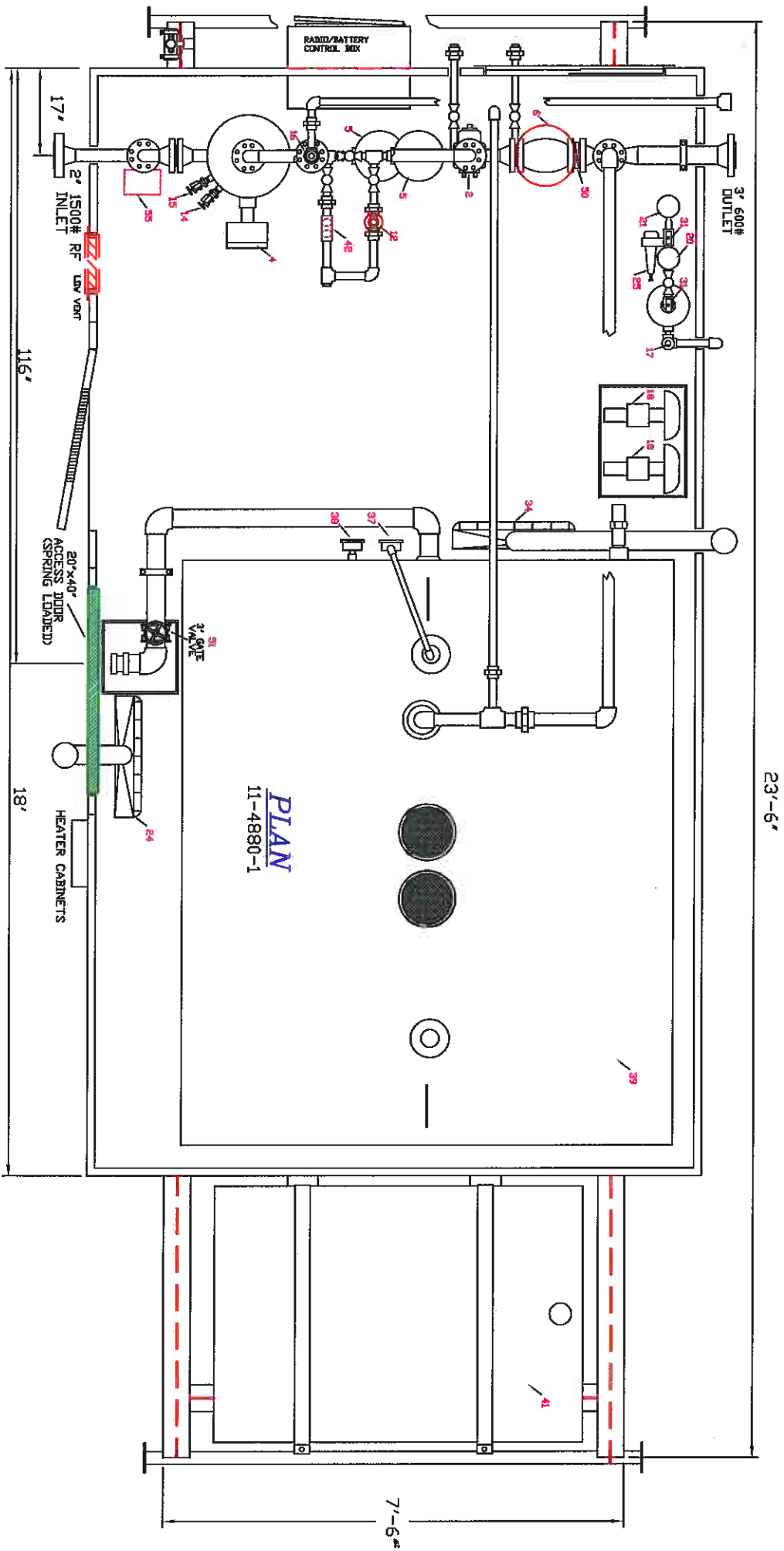
16"x7'6" S/S 600 ANSI SEPARATOR/METER
SKID UNIT, 3 PHASE CONTROLS, SCADA,
2" SENIOR METER RUN, 15,000 LITRE TANK
2" 1500# INLET ESDV VALVE.

DWG. #	11-4880	REV. #	RJV JOB # 4880-1
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WARNING !

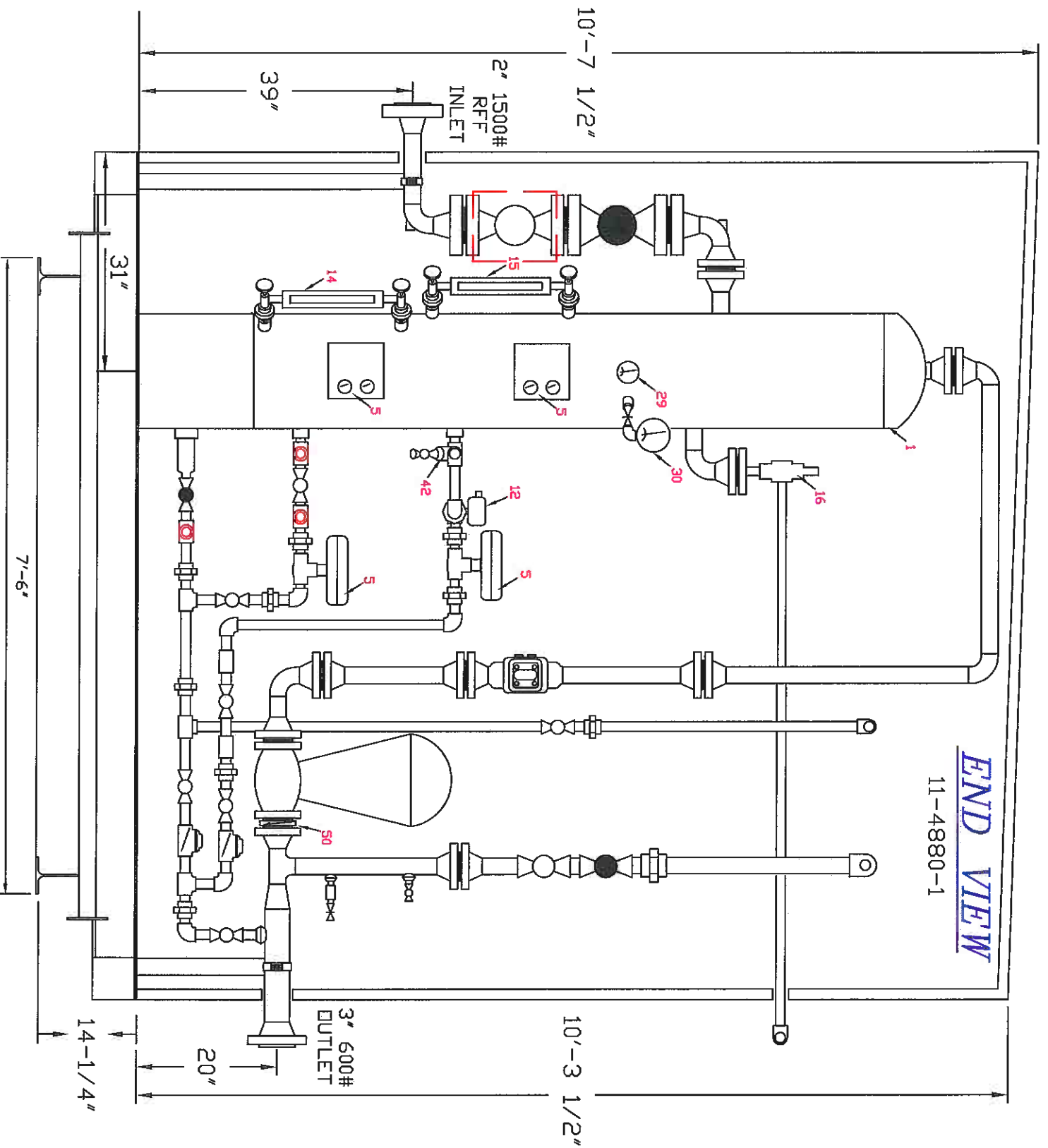
*This drawing and the design it
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except with written consent of,
R.J.V. Gas Field Services Ltd.*

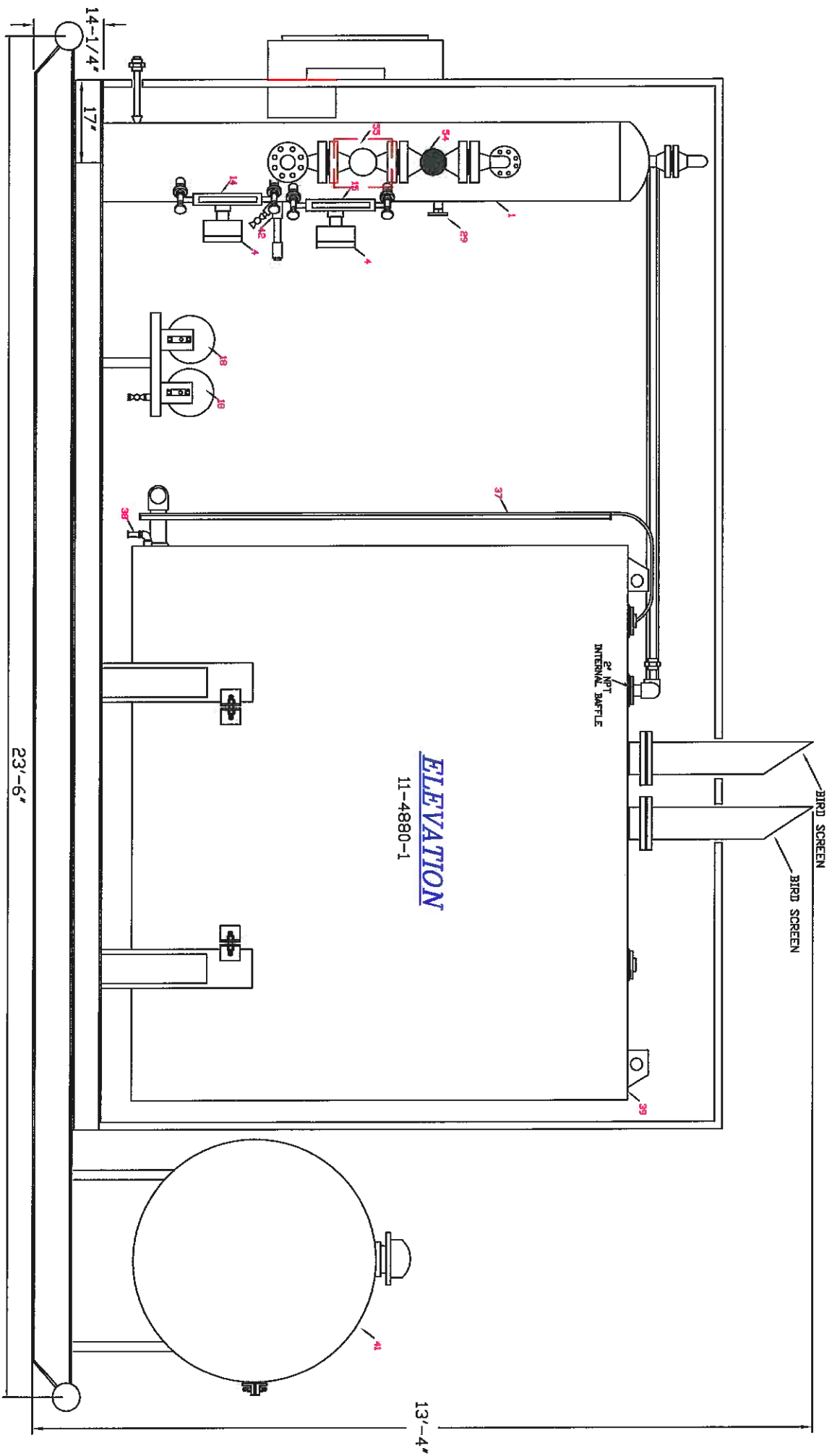
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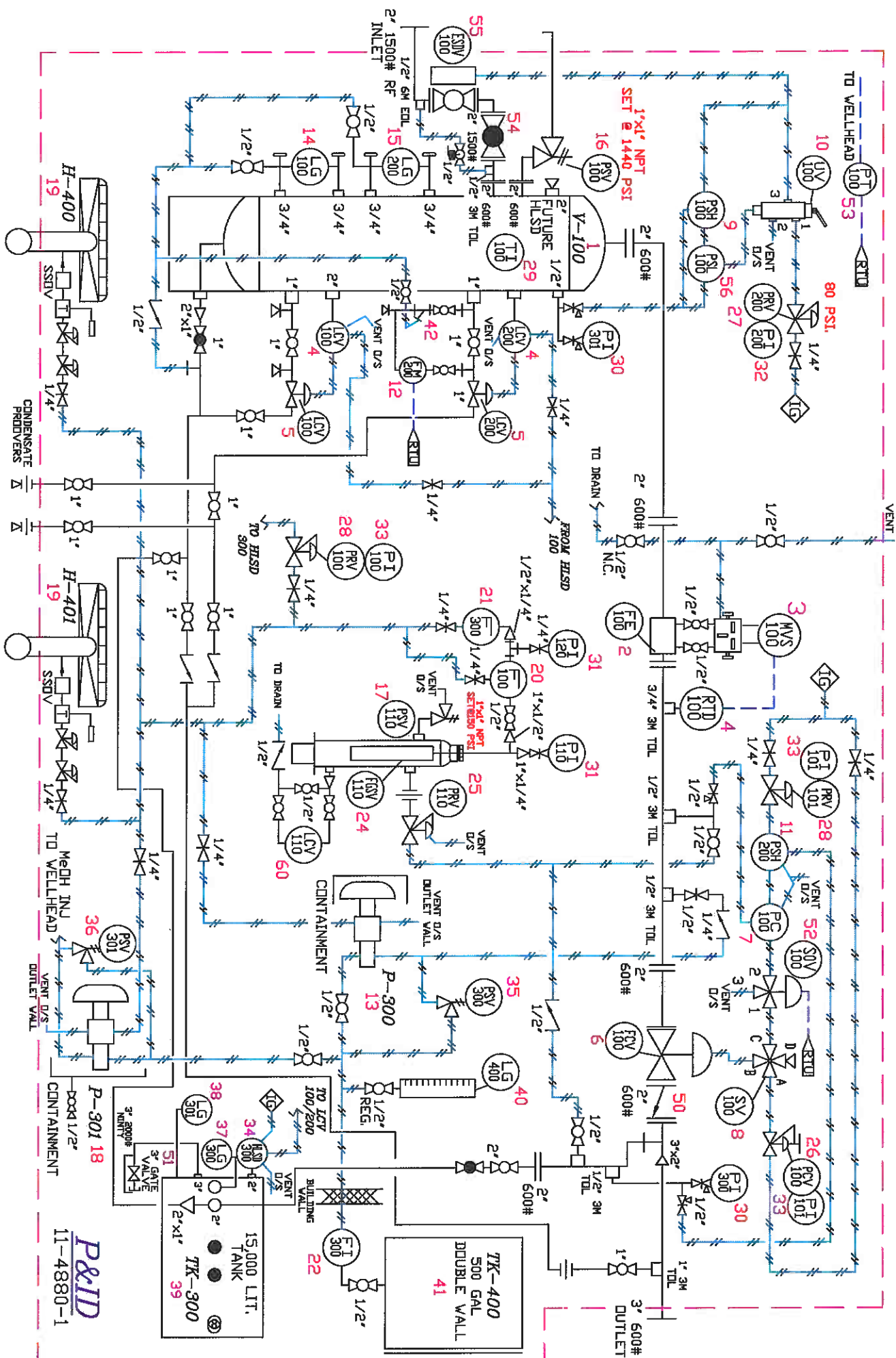


END VIEW

11-4880-1







EQUIPMENT & MATERIAL

TAG#	ITEM	QTY	DESCRIPTION
V-100	1	1	RJV 16"x7/8" s/s 600 ANSI, 1440 PSI, 3 PHASE VERTICAL MIXTURE SEPARATOR c/w 1/16" CORROSION ALLOWANCE.
FE-100	2	1	NORTHSTAR 2" 600 ANSI SCH 80 (SENIOR) DRIFTE FITTING AGA FIG 3C, 7 BETA RATIO, 3 TAPS- 1, 3/4" & 2, 1/2" NPT, c/w 1 304 SST DRIFTE PLATE/RETAINER, (54" D/A)
MVS-100	3	1	FISHER ROC 103 TRANSMITTER c/w RTD ASSEMBLY, 0-2000 PSI, STATIC PRESSURE, M-673-SBJ PGI 5-VALVE MANIFOLD, FM/CSA
LC-100/200	4	2	FISHER 2" NPT TYPE L2 LEVEL CONTROL, LCC LOW TEMP., SNAP ACTING, FAIL CLOSED, c/w 1-7/8" x 12" PVC DISPLACER.
LCV-100/200	5	2	FISHER 1" NPT TYPE J2, LCC LOW TEMP., NACE SPEC., RATED 900# ANSI, 0-35 PSI SIGNAL, ADJUSTABLE 1/4"/28/1/2" TRIM.
FCV-100	6	1	FISHER 2" 600# RFF TYPE D4 PRESSURE CONTROL VALVE, 1" TRIM, WCB ST BODY, STD. SERVICE, PNEUMATIC ACTUATOR, FAILED CLOSED, AIR TO OPEN, MAX. SHUT IN PRESSURE 1440 PSIG
PC-100	7	1	DYNA-FLO TYPE 4000K PRESSURE CONTROLLER, DIRECT ACTING, 0/1500 PSI 316 STAINLESS STEEL BOURDON TUBE, RE-CONDITION
SV-100	8	1	CONANT 1/4" NPT, MODEL 38361ALT MANUAL SELECTOR VALVE, 3-WAY SELECTOR/316 SST CONSTRUCTION.
PSH-100	9	1	CVS 7970 PNEUMATIC PRESSURE PILOT, HIGH PRESSURE SET @ 1380 PSI, RISING, TWO POSITION, 3-WAY PILOT, AUTO RESET.
UV-100	10	1	AMOT 1/4" NPT SWITCHING VALVE, MODEL #4057D025H2, STD. SERVICE, 125 PSIG, ALL PORTS, STD. SERVICE.
PSH-200	11	1	CVS 7970 PNEUMATIC PRESSURE PILOT, HIGH PRESSURE SET @ 500 RISING SENSOR, TWO POSITION, 3-WAY PILOT, AUTO RESET.
FM-200	12	1	NULFO 1" x 1" NPT, TURBINE METER 5-50 USGPM FLOW RANGE, CVS, MODEL#5138 METHANOL INJECTION PUMP, 3/8" PLUNGER.
P-300	13	1	PNEUMATIC MICRO VALVE, 7.9 GPD, HARD PACKING, 6000 PSI MWP.
LG-100	14	1	PENBURTHY MODEL 1TMS TRANSPARENT GAUGE GLASS, c/w 303J GAUGE COCKS, c/w 1/2" NPT DRAIN BALL VALVE.
LG-200	15	1	PENBURTHY MODEL 1RL5 REFLEX GAUGE GLASS, c/w 303J GAUGE COCKS, c/w 1/2" NPT DRAIN BALL VALVE.
PSV-100	16	1	TAYLOR 1" FNPT x 1" FNPT, MODEL T-8200-1 SST BODY, CS BONNET & CAP, .128" DRIFTE, SET @ 1440 PSIG.
PSV-110	17	1	TAYLOR 1" FNPT x 1" FNPT, MODEL T-8200-1 SST BODY, CS BONNET & CAP, .128" DRIFTE, SET @ 150 PSIG.
P-301	18	1	CVS, MODEL#5038 METHANOL INJECTION PUMP, 3/8" PLUNGER, PNEUMATIC MICRO VALVE, 7.9 GPD, VITON PACKING, 3500 MWP.
H-400/401	19	2	CATADYNE 2X24X24 24,000 BTU, 12 VDC, NATURAL GAS HEATER c/w STANDS, SS/DV, REGULATORS, 35 FT CABLES, THERMISTAT, GRILL, VENT HOOD & ELECTRICAL AS PER DEC REGULATIONS.
F-100	20	1	HEADLINE 1/2" NPT, MODEL #8060A c/w P/N 25-64-70C ELEMENTS
F-300	21	1	CCI THERMAL 1/4" NPT, MODEL #NGS-4 DRYER ASSEMBLY, c/w 2-TYPE 'MS' CONTAMINATION REMOVAL CARTRIDGES.
FI-300	22	1	1" NPT, FLEET GUARD METHANOL FILTER/SPIN ON CARTRIDGE.
V-110	23	1	RJV 8"x30" s/s FUEL GAS SCRUBBER 975 PSI DESIGN PRESS.
FGSV-110	24	1	RJV 2"x1" FUEL GAS SHUT OFF VALVE c/w DEMISTER WRAP
PRV-110	25	1	BELGAS 1" NPT TYPE P627 REG. CARBON STEEL CONST. 1/8" DRIFTE, 70-150 PSI SPRING RANGE, SET @ 100 PSIG.
PCV-100	26	1	BELGAS 1/4" NPT TYPE P50 REGULATOR, STD SERVICE, 0-60 PSI SPRING RANGE, MANUAL HAND WHEEL.
PRV-200	27	1	BELGAS 1/4" NPT TYPE P50 REGULATOR, STD SERVICE, 0-120 PSI SPRING RANGE, SET @ 80 PSI, (UV-100 SUPPLY)
PRV-100/101	28	2	BELGAS 1/4" NPT TYPE P50 REGULATOR, STD SERVICE, 0-60 PSI, RANGE
TI-100	29	1	TREND MID 33, 3" DIAL, DS, -40/120°F, c/w 304 SST TOW, 4" STEM ON SEPARATOR.
PI-300/301	30	2	WKA #233.54 4" DIAL 1/2" NPT BOT CONN. LIQUID FILLED, DS, 0/1500# PSI c/w PANAM 1/2" NPT ISOLATION/BLEED VALVES, C/SEPARATOR & OUTLET PIPING.
PI-110/120	31	2	WKA #233.53 2 1/2" DIAL 1/4" NPT BOT CONN. LIQUID FILLED, DS, c/w PANAM CARBON STEEL 1/4" ISOLATION VALVES 0/200 PSI FUEL GAS SCRUBBER/ON DOWNSTREAM OF FILTER).
PI-200	32	1	WKA #233.53 2 1/2" DIAL 1/4" NPT BOT CONN. LIQUID FILLED, 0/100 PSI (UV-200 IG REGULATOR).
PI-100/101	33	3	WKA #233.53 2 1/2" DIAL 1/4" NPT BOT CONN. LIQUID FILLED, 0/60 PSI.
HLSD-300	34	1	WELLMARK 2" NPT SNAPTRON 7400 SERIES PNEUMATIC LEVEL SWITCH, STANDARD SERVICE, c/w PNEUMATIC MICRO VALVE.
PSV-300	35	1	NUPRO 1/4" #SS-4R3AS-EP/177-R3A-KI-C, SET @ 1440 PSIG.
PSV-301	36	1	NUPRO 1/4" #SS-4R3AS-EP/177-R3A-KI-C, SET @ 3,700 PSIG.
LG-300	37	1	RJV 5708-84-CVR METH. TANK METERING/LEVEL GAUGE BOARD
LG-301	38	1	RJV 5708-4-CVR METH. TANK METERING/LEVEL GAUGE, 4IN.
TK-300	39	1	WESTEEL 15,000 LITRE DOUBLE WALLED ABOVE GROUND TANK c/w 2-6" 150 ANSI VENT STACKS AND 3" NPT PUMP OUT/DRAIN
LG-400	40	1	RJV #5428 METERING/LEVEL GAUGE, 48" VISIBLE LENGTH.
TK-400	41	1	WESTEEL 500 GAL. DOUBLE WALL METH. STORAGE TANK.
	42	1	ALBERTA STRAINER 1" NPT, FIG# YS600, 1480 PSI, WP.
	43	1	FLINDRE 1/4" NPT #A-676 BALL CHECK (METHANOL INJ. POINT).
	44	3	PLAINSMAN 1/2" NPT 3000# CB-50 BALL CHECK.
	45	2	DHV 1" FNPT 3,000# MODEL CSPIR0808B, SWING TYPE CHECK.
	46	16	MERIDIAN 1/2" NPT 2000# #HI-F08S20-B BALL VALVES.
	47	13	MERIDIAN 1" NPT 2000# #HI-R08S20-B BALL VALVES.
	48	8	PANAM 1/4" NPT 6000# #HSRDC-2 NEEDLE VALVES.
	49	5	PANAM 1/2" NPT 6000# #H7VC-440 NEEDLE VALVES.
	50	1	HEATLEY 2" 600# ANSI WAFFLER STYLE CHECK VALVE.
	51	1	3" CLIP GATE VALVE.
SDV-100	52	1	ASCO 1/4" NPT RED HAT SOLENOID, P/N EF8314G301, 24V DC
PT-100	53	1	ROSEMOUNT 2088 CASING PRESSURE TRANSMITTER, 0-1500 PSI, RANGE, 1/2" FNPT CONNECTION, CALIBRATION 0-3000 PSI.
PCV-100	54	1	PANAM 2" 1500# RF, FIG# 215-FC22, MANUAL GLOBE VALVE, C.S.
ESDV-100	55	1	RABADON ACTUATOR c/w 2" 1500# RF, NUTRON BALL VALVE, AISI BODY, RADIUS ASD60A ACTUATOR, FAIL CLOSED, SUPPLY 80 PSI.
PSL-100	56	1	CVS 7970 PNEUMATIC PRESSURE PILOT, HIGH PRESSURE SET @ 100 PSI, FALLING, TWO POSITION, 3-WAY PILOT, AUTO RESET.
	57	1	PANAM 1" NPT 800# FIG#F6/B38 GLOBE VALVE, STD. TRIM.
	58	1	PANAM 1" NPT 800# FIG#F6/B38 GLOBE VALVE, STD. TRIM.
	59	1	MERIDIAN 2" NPT 2000# #HI-F08S20-B BALL VALVES.
LCV-110	60	1	COLTON 3/4"x 1/2" NPT, MODEL AVDT-150 AUTO-DRAIN TRAP, CAST IRON BODY, 150 PSIG, MAX. OPERATING PRESSURE, STD. TUBING- 3/8" & 1/2" OD .035 WT STAINLESS STEEL. TUBE FITTINGS- SWAGelok STAINLESS STEEL. FR PRESSURE SENSING LINES & FG TAKE-OFFS SHALL BE 1/2" OD SKID- RJV 10"x23/6" c/w 8" #18 I-BEAM (RUNNERS, PERIPHERY), #415 TANK BEAMS, 6" #82 CHANNEL IRON TOP FLOOR DECK, 3/16" CHECKERED PLATE, 3" POLYURETHANE UNDERSKID INSULATION AND 3 1/2" PULL BARS EACH END BUILDING- 10"x18"x126"-124" URETHANE INJECTED PANEL TYPE, SHED ROOF, 30 GAUGE PREPAINTED STEEL. EXTERIOR WHITE WALLS. R02 INSULATION VALVE. 30 GAUGE WHITE STEEL INTERIOR. DOOR- 3'X7' URETHANE INJECTED PANEL TYPE, c/w PANIC LOCK WEATHER STRIPPING, IVG WINDOW, DOOR SWEEP, DOG DOOR. WINDOW- 1, 36"x36" DG SLIDER c/w SCREENS, IVG WINDOW VENTS- 2, 12"x12" INSULATED ALUMINUM LOUVRED c/w SCREENS. FLANGES: SA-105N 600 ANSI, 2" SCH 80. WELD FITTINGS: SA-234-WPB, 2" SCH 80. SCREWED FITTINGS: SA-105N 3000# FS. SCREWED UNIONS: SA-105N 3000# FS. O-LETS: SA-105N 3000# FS. PIPE AND NIPPLES: SA-106 GR B SEAMLESS. WELDED 2" SCH 80, & 3" SCH 40. THREADED PIPE/NIPPLES/SVAGES: 150#- SCH 80, 600#- SCH 160. BOLTING: ASTM A193 GR B7 STUDS/ASTM A194 GR 2H NUTS. GASKETS: 304 SST FLEXATALLIC GRAPHITE. ALL PIPING DESIGNED TO B31-3 CODE. WELDED PIPING SHALL BE SUBJECTED TO 10% RADIOGRAPHY. WELDED PIPING SHALL BE HYDRO-TESTED TO 2160 PSI. ALL VENTING CONTROLS AND INSTRUMENTS SHALL BE VENTED TO SKID EDGE AND ALL CONTROLS OPERATIONALLY AIR TESTED. ALL METAL SURFACES SHALL BE MECHANICALLY CLEANED TO SSPC-SP-2, 1 COAT OF ZINC CHROMATE PRIMER AND 1 FINISH COAT OF ENAMEL PAINT SHALL BE APPLIED AS FOLLOWS- CHECKERED PLATE FLOORING WARM GREY STEEL SKIDS, EQUIPMENT, PIPING & TANKS: WARM GREY ANTENNA WINCH TOWER

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