

# MATERIAL LIST

PART	ITEM	QTY	DESCRIPTION
C0741	1	1	ARIEL JGJ/2 COMPRESSOR FRAME
C	2	1	ENGINE, WAUKESHA H24GL
	3	1	COUPLING, THOMAS 500 CMR
	4		
C2307	5	1	COOLER, AXC 96VI
C2309	6	1	COOLER BUG SCREEN
C2230	7	1	MAIN SKID
	8	1	ARIEL DNFT
C1704	10	2	OIL LEVEL CONTROLLER, REN RAB-0
C1696	11	2	OIL SAMPLE VALVE, NUPRO 1/4"
C0481	12	2	BALL VALVE, 1"NPT NIBCO c/w LATCH
C1222	13	1	ENGINE STUB SHAFT,
C2489	15	1	DRIVE SHEAVE, BROWNING 25V 630SK
C2490	16	1	SHEAVE BUSHING, BROWNING SK 2 7/16"
C0597	17	1	COOLANT SURGE TANK
C0482	18	3	BALL VALVE, 1/2"NPT NIBCO c/w LATCH
C0136	19	3	GAUGE VALVE SET, 1/2"NPT
C1257	20	1	OIL STORAGE TANK ~125 LITRE
C1243	21	1	DRIVE SHEAVE, BROWNING 25V2800E
C1244	22	1	SHEAVE BUSHING, BROWNING 'E' 2 7/16"
C2489	23	1	DRIVE SHEAVE, BROWNING 25V630SK
C2491	24	1	SHEAVE BUSHING, BROWNING SK 2 3/16"
C1419	25	2	DRIVE BELTS, GRIPNOTCH 5VX 1400
C0479	26	2	BALL VALVE, 3/4" GRINELL 3911-A9
C0137	27	4	COUPLING, 3" DRESSER STYLE 38
C0139	28	3	COUPLING, 2" DRESSER STYLE 90
	29		
C3133	32	1	COOLER DRIVE BELT GUARD
C3530	33	1	FLYWHEEL/COUPLING GUARD 500 CMR
C0314	34	1	LEVEL SWITCH GAUGE, MURPHY EL-150-K1
C0624	35	1	OIL COOLER, EK-712
	36		
C0318	38	3	VIBRATION SWITCH, MURPHY VS-2
C3143	39	1	TEMPERATURE SWITCH, AMOT 8253 SET@ 210°F
C1224	49	1	PUMP, IR ARO CPQ-2187-A
C1183	50	1	REGULATOR, FISHER 67FR SET 90PSI
C1225	51	1	CONTROL VALVE, AMOT 4057,C2
	52	1	FLOW CONTROL VALVE, SMC NAS 4000-2

## INITIAL FILL of LIQUIDS INCLUDES ENGINE AND COMPRESSOR

PART	QTY	DESCRIPTION
C0064	1.2	COOLANT, UCAR THERM 55 (205L DRUM)
C1709	1.35	LUBE OIL, ESSO LUBE GLX-40 (205L DRUM)

## LEGEND

—	PROCESS PIPING
—	UTILITY PIPING
---	TUBING - STAINLESS STEEL,
---	TUBING - NYLON
---	HOSE (PRE-LUBE OIL, DRAIN)
---	ELECTRICAL SIGNAL

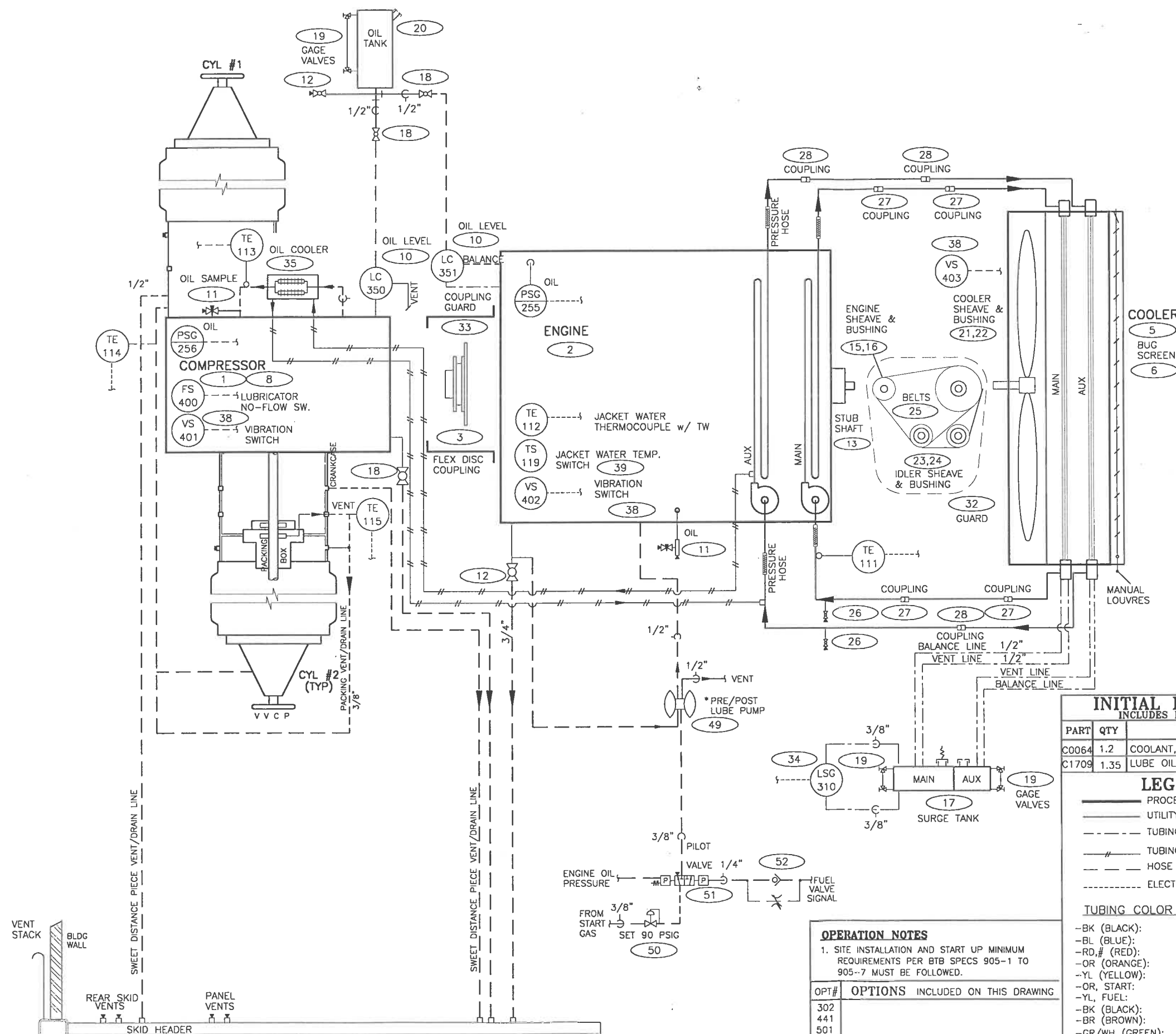
## TUBING COLOR CODE:

-BK (BLACK):	VENTS
-BL (BLUE):	ESD, FIRE LOOP SIGNAL
-RD, # (RED):	CONTROL VALVE, TAG #
-OR (ORANGE):	INSTRUMENT GAS...OVER 35 PSI
-YL (YELLOW):	...BELOW 35 PSI
-OR, START:	ENGINE START GAS
-YL, FUEL:	ENGINE FUEL GAS
-BK (BLACK):	ENGINE OIL
-BR (BROWN):	COMPRESSOR OIL
-GR/WH (GREEN):	MANIFOLD
-SS :	STAINLESS STEEL TUBING

## OPERATION NOTES

1. SITE INSTALLATION AND START UP MINIMUM REQUIREMENTS PER BTB SPECS 905-1 TO 905-7 MUST BE FOLLOWED.

OPT#	OPTIONS INCLUDED ON THIS DRAWING
302	
441	
501	



BTB Compressors			
DATE	SCALE	TITLE	
97.07.02	NTS	SERVICE FLOW SHEET	
CHK'D	APP'D	UNIT	
		B530S	
DRAWN	SYSTEM	DWG. NO.	SHEET
KLS	ACAD	9847-A0023	5 of 6
			ISS. 98.09