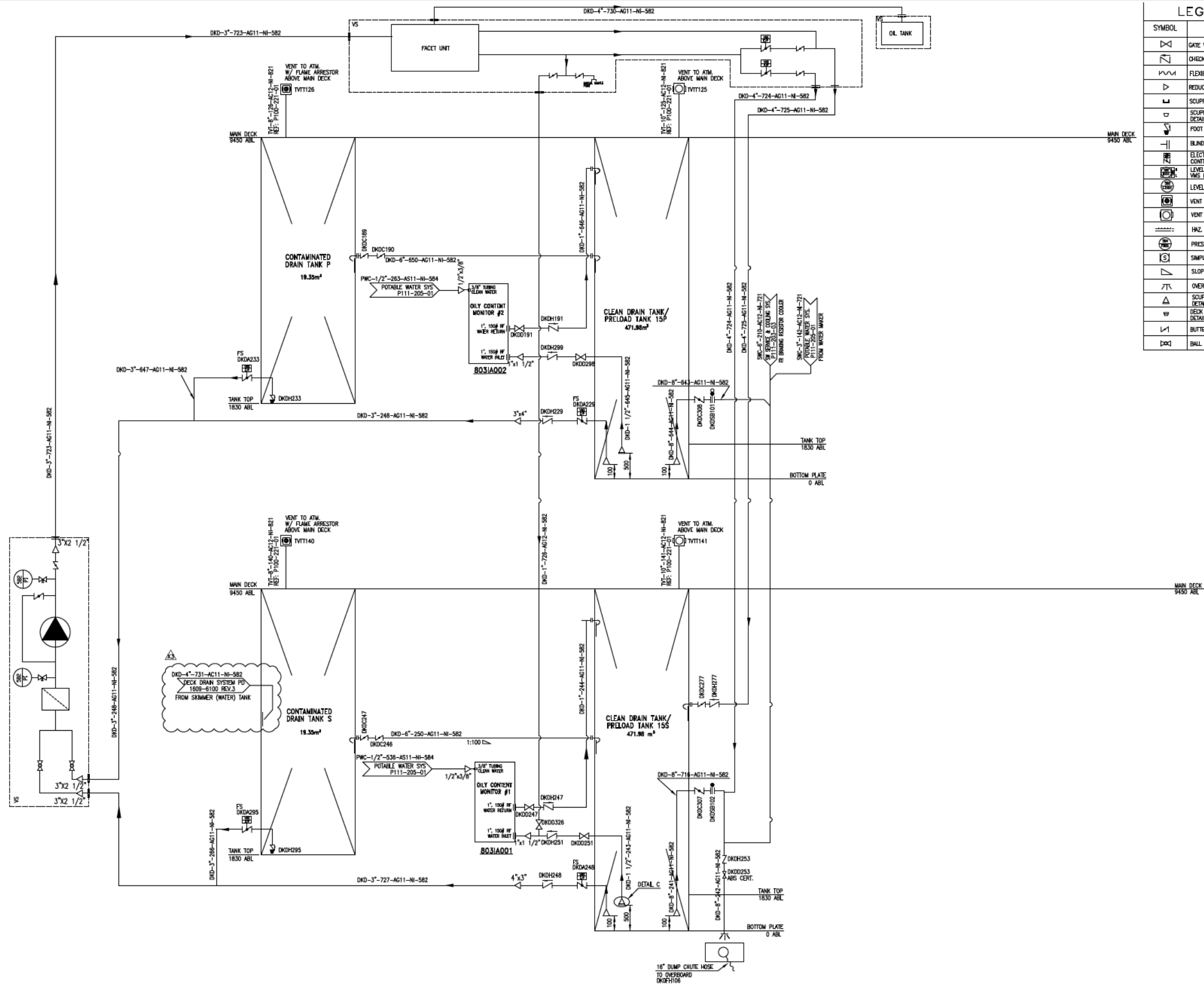




LEGEND		SYSTEM DESIGN PRESSURE: -		HYDROSTATIC TEST PRESSURE: MAX.FLLING		DESIGN TEMP. RANGE : -20~50°C	
		MATERIAL DESCRIPTION LIST					
SYMBOL	DESCRIPTION	COMPONENT	SIZE	COMPONENT DESCRIPTION	ASTM	ANSI	
	GATE VALVE	PIPE	ALL	CARBON STEEL, SMLS, SCH 40, HDG	A106 GR.B	B36.10	
	CHECK VALVE		ALL	CARBON STEEL, SMLS, SCH XS, HDG (FOR PENETRATION & INSIDE WATER TK)	A106 GR.B	B36.10	
	FLEXIBLE HOSE		ALL	CARBON STEEL, SMLS, SCH XS (FOR PENETRATION, INSIDE OIL TK & MUD SERVICE DRAIN)	A106 GR.B	B36.10	
	REDUCER	FITTING	2 1/2" & ABV	CARBON STEEL, SCH 40, BME, HDG	A234 GR.WPB	B16.9	
	SCUPPER FOR MAIN DECK		2 1/2" & ABV	CARBON STEEL, SCH XS, BME, HDG (FOR PENETRATION & INSIDE WATER TK)	A234 GR.WPB	B16.9	
	SCUPPER (ROOF TOP DRAIN) DETAIL B		2 1/2" & ABV	CARBON STEEL, SMLS, SCH XS, BME (FOR PENETRATION, INSIDE OIL TK & MUD SERVICE DRAIN)	A106 GR.B	B36.10	
	FOOT VALVE W/ STRAINER	VALVE	2" & ABV	BUTTERFLY, 150#, LUG, DI BODY, AL BRZ DISC, Buna-N SEAT, SS STEM	AS36	-	
	BLIND FLANGE		ALL	FOOT VALVE, 150#, FLG RF, SS BODY, SS TRIM	SS 316	-	
	ELECTRO-PNEUMATIC CONTROL BUTTERFLY VALVE		2" & BLW	GATE, 150#, FLG RF, BRZ BODY, BRZ TRIM	B62	B16.5	
	LEVEL INDICATOR DISPLAY VMS FUNCTION IN CTRM RM	GASKET	2 1/2" & ABV	GATE, 150#, FLG RF, CS BODY, SS TRIM, BB, RS, OS&Y	A216 GR.WCB	B16.10	
	LEVEL TRANSMITTER		2" & BLW	CHECK, SMNG, 150#, FLG RF, BRZ BODY, BRZ TRIM	B62	B16.5	
	VENT HEAD WITH FLAME SCREEN		2 1/2" & ABV	CHECK, SMNG, 150#, FLG RF, CS BODY, SS TRIM	A216 GR.WCB	B16.10	
	VENT CHECK VALVE	CONNECTION	2" & BLW	FORGED STEEL, 3000#, SWE	A105	B16.11	
	HAZ DRAIN (ZONE 2)	BOLTING	ALL	FLG, 150#, WN/SO, RF/FF, CARBON STEEL	A105	B16.5	
	PRESSURE INDICATOR LOCAL		ALL	ALLOY STEEL (BOLTS), CADMIUM PLATED, HOT DIP OR ELECTRO-GALV.	A193/B7	B.18.2.1	
	SIMPLEX STRAINER	GASKET	ALL	ALLOY STEEL (NUTS), CADMIUM PLATED, HOT DIP OR ELECTRO-GALV.	A194/2H	B.18.2.2	
	SLOPE		ALL	NON-ASBESTOS, 1/8" THK, RF/FF, 150#	-	B16.21	
	OVERBOARD DISCHARGE						
	SCUPPER HEAD FOR SAMPLING SUCTION DETAIL C						
	DECK SCUPPER DETAIL D						
	BUTTERFLY VALVE						
	BALL VALVE						