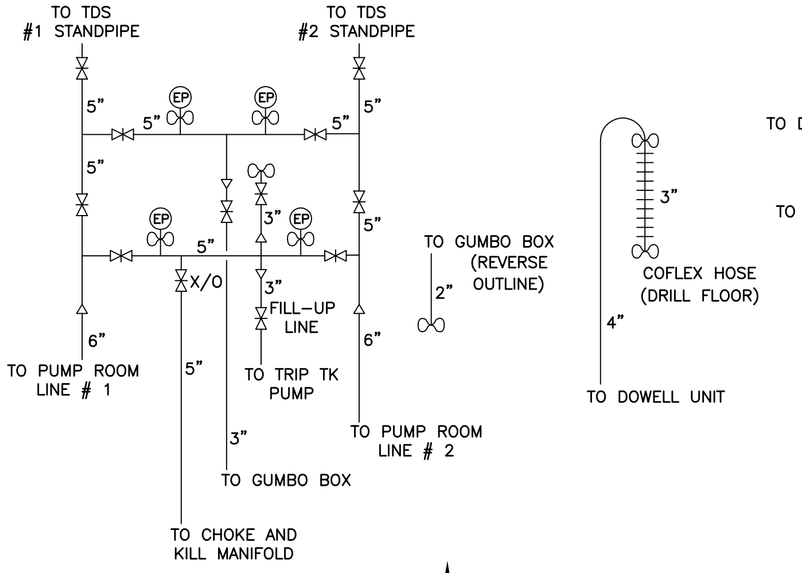
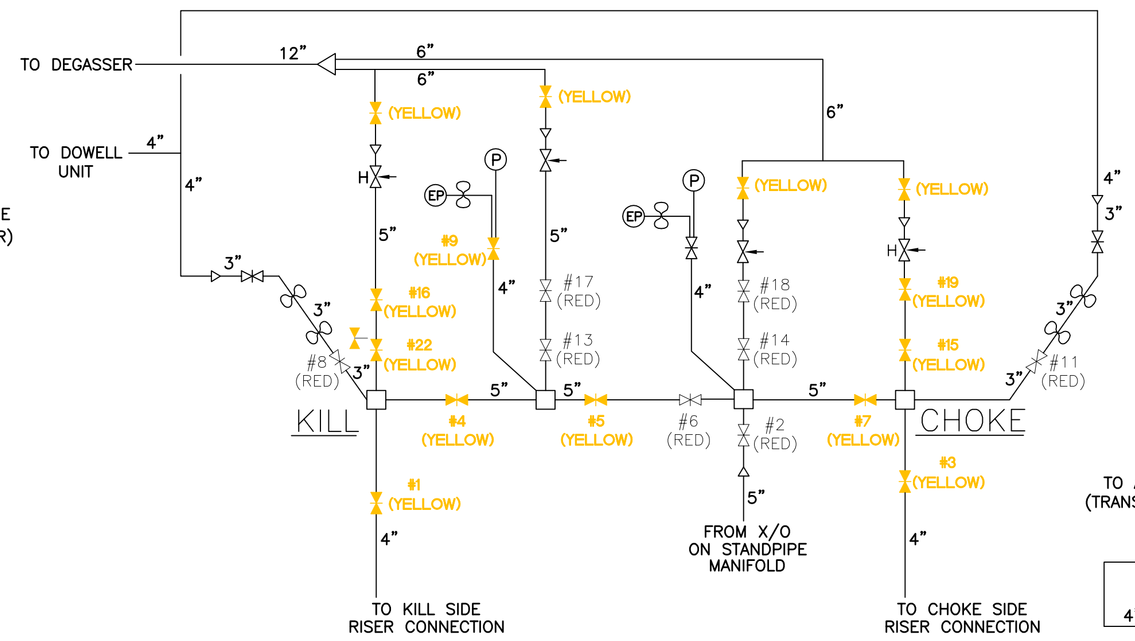
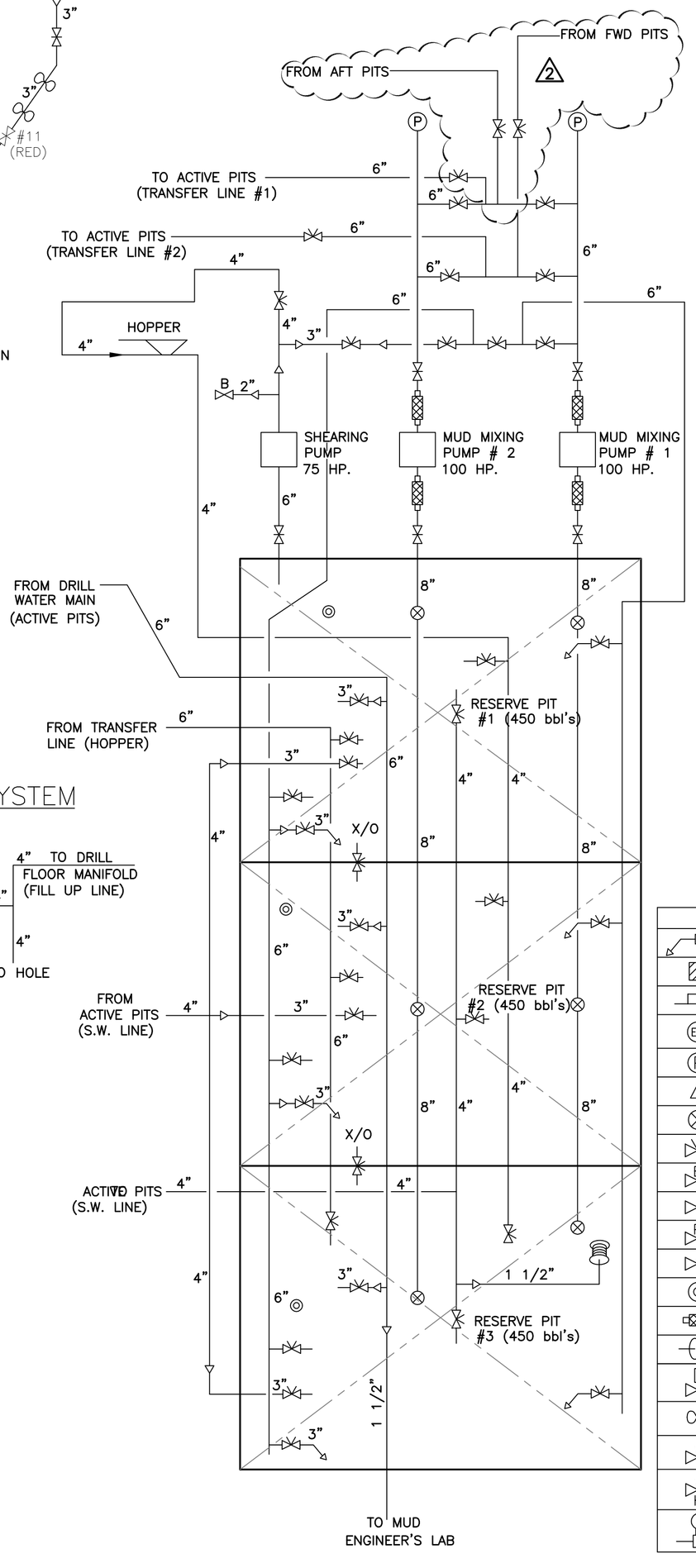
STANDPIPE MANIFOLD



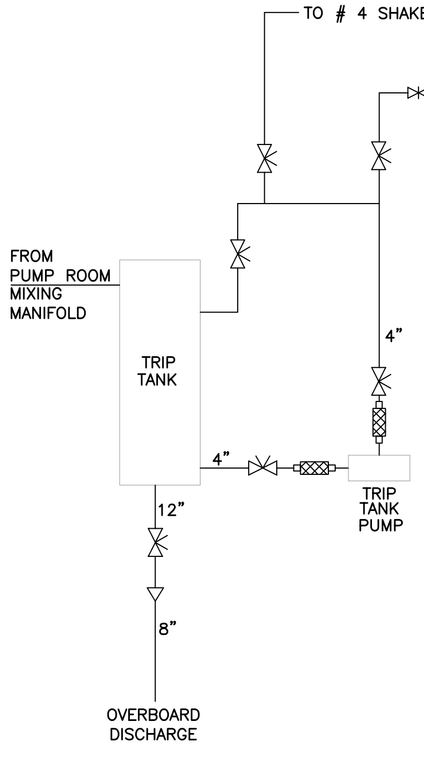
CHOKE AND KILL MANIFOLD

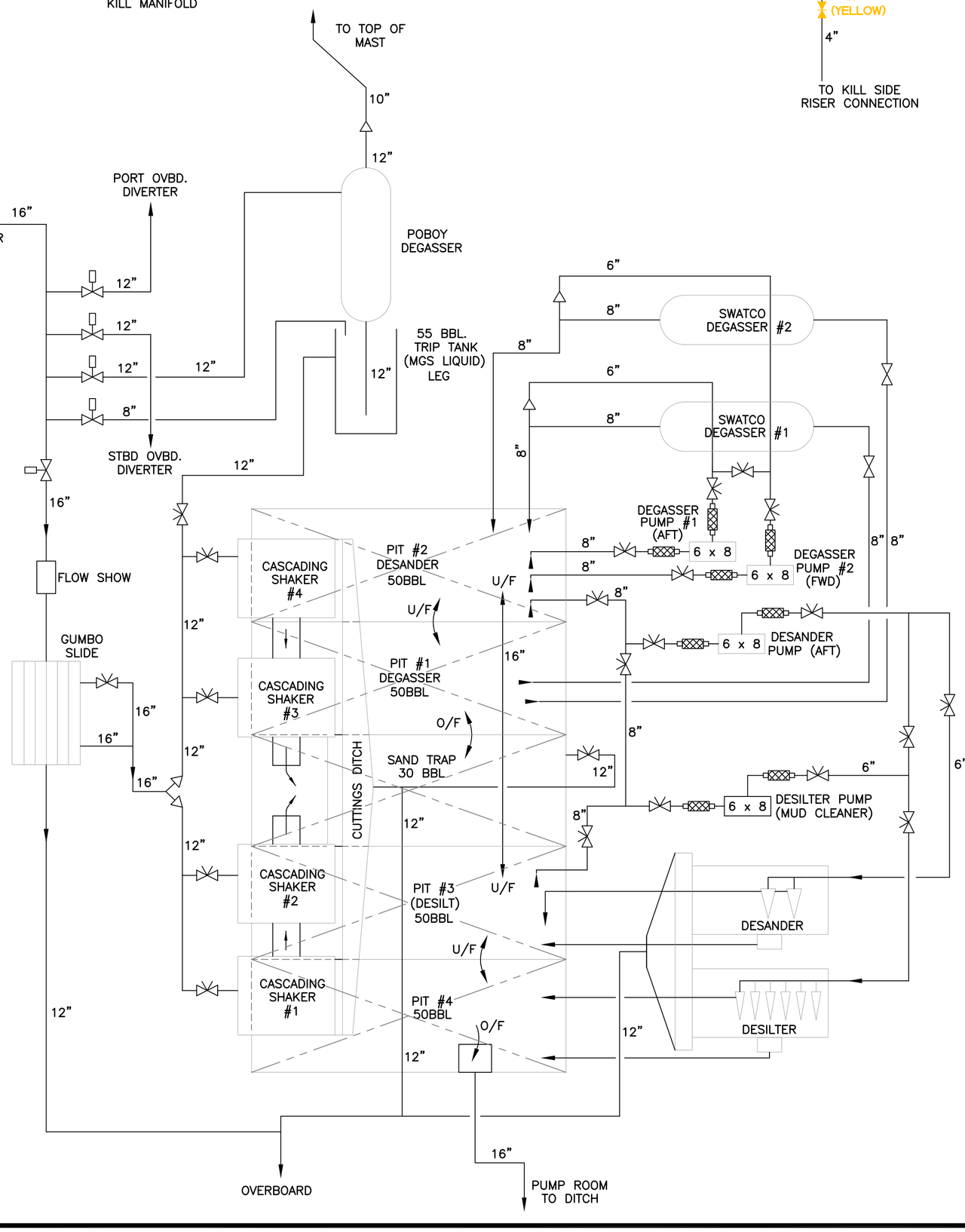


MIXING MANIFOLD



TRIP TANK PUMP SYSTEM





PUMP	MAKE	IMPELLER SIZE	US GPM (WATER)	TYPE	MOTOR SIZE	MOTOR SPEED
No1 MUD MIX	MISSION MAGNUM	10 1/2"	1600	8"x6"x14"	100HP	1750
No2 MUD MIX	MISSION MAGNUM	10 1/2"	1600	8"x6"x14"	100HP	1750
(No3)No1-(R) MUD MIX	MISSION MAGNUM	10 1/2"	1600	8"x6"x14"	100HP	1750
(No4)No2-(R) MUD MIX	MISSION MAGNUM	10 1/2"	1600	8"x6"x14"	100HP	1750
No1 SUPERCHARGE	MISSION MAGNUM	9"	600	6"x5"x11"	50HP	1800
No2 SUPERCHARGE	MISSION MAGNUM	9"	600	6"x5"x11"	50HP	1800
No3 SUPERCHARGE	MISSION MAGNUM	9"	600	6"x5"x11"	50HP	1800
TRIP TANK	MISSION MAGNUM	11"	200	5x4x11	25HP	1740
DESANDER MUD CLEANER	MISSION MAGNUM	14"	1500	8x6x11	100HP	1750
DESILTING MUD CLEANER	MISSION MAGNUM	14"	1500	8x6x11	100HP	1750
No.1 DE-GASSER	MISSION MAGNUM	14"	1500	8x6x11	100HP	1750
No.2 DE-GASSER	MISSION MAGNUM	14"	1500	8x6x11	100HP	1750

PHILADELPHIA PTE 10 MIXING AGITATORS IN PITS Nos. 1, 2 AND 3
4 Ft. O/D ON EACH AGITATOR BLADE IN PIT Nos. 1, 2 AND 3

PHILADELPHIA PTE 10 MIXING AGITATORS IN RESERVE PITS Nos. 4, 5 AND 6
4'-6" O/D ON EACH AGITATOR BLADE IN RESERVE PIT Nos. 4, 5 AND 6

SYSTEM PRESSURES IN P.S.I. AND MATERIAL SPEC.			
SYSTEM	MATL SPEC	WORKING PRESSURE	ON BOARD TEST PRESSURE
CHOKE & KILL	AISI 4130, MAX HRC 22	15,000 P.S.I.	10,000 P.S.I.
H.P. MUD DISCHARGE	A-106 GR B XXS	5,000 P.S.I.	8,000 P.S.I.
MUD PUMP & MUD MIX PUMP SUCTION	A-106 GR B SCH 80	30 P.S.I.	150 P.S.I.
MUD MIX PUMP DISCHARGE	A-106 GR-B SCH 80	30 P.S.I.	150 P.S.I.

LEGEND	
	BOTTOM MUD GUNS
	SUCTION STRAINER
	SUCTION DAMPENER
EP	ELECT./HYD. PRESS. GUAGE
P	PRESSURE INDICATOR
	REDUCER
	SUCTION VALVE
	BUTTERFLY VALVE
B	BALL VALVE
	GLOBE VALVE
P	POP OFF VALVE
	GATE VALVE
	DUMP VALVE
	FLEX JOINT
	WASH DOWN REEL
	AIR ACTUATED VALVE
H	HAMMER FITTING
	NEEDLE VALVE
H	HYDRAULIC NEEDLE VALVE
	PULSATION DAMPENER

REV	DATE	BY	DESCRIPTION
2	2/18/04	dlxs	CHANGES AS SHOWN & ADDED SHEET 3
1	11/7/97	B.Y.	UPDATED AS PER AS BUILT.

REVISIONS

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DIAMOND OFFSHORE
P O BOX 4558
HOUSTON, TEXAS 77210

OCEAN STAR

MUD PROCESSING DIAGRAM

ENG: JK/PA	CHK'D:	DWG No.:	167-PD-021
DRN: MEM	APRV'D:		
SCALE: NONE		ACAD NAME: 167pd021b2	REV. # 2
DATE: 12-05-96	SHT 2 OF 3		