

PUMP	MAKE	MARVELLER US GPM	TYPE	MOTOR SIZE	MOTOR SPEED
No1 MUD MIX	MISSION MAGNUM	-	8"x6"x14"	100HP	1750
No2 MUD MIX	MISSION MAGNUM	-	8"x6"x14"	100HP	1750
No3 MUD MIX	MAGNUM	-	8"x6"x14"	100HP	1750
No4 MUD MIX	MAGNUM	-	8"x6"x14"	100HP	1750
No5 MUD MIX	MAGNUM	-	8"x6"x14"	100HP	1750
No6MUD MIX	MAGNUM	1600	8"x6"x14"	100HP	1750

BRANDT 2 EACH 20 HP MIXING AGITATORS IN AFT PITS Nos. 1, 2 AND 3  
XX ON EACH AGITATOR BLADE IN AFT PIT Nos. 1, 2 AND 3

BRANDT 2 EACH 20 HP MIXING AGITATORS IN FWD PITS Nos. 1, 2 AND 3  
XX ON EACH AGITATOR BLADE IN FWD PIT Nos. 1, 2 AND 3

SYSTEM	MATL SPEC	WORKING PRESSURE	ON BOARD TEST PRESSURE
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.

SYSTEM PRESSURES IN P.S.I. AND MATERIAL SPEC.	
	BOTTOM MUD GUNS
	SUCTION STRAINER
	SUCTION DAMPENER
	ELECT./HYD. PRESS. GAUGE
	PRESSURE INDICATOR
	REDUCER
	SUCTION VALVE
	BUTTERFLY VALVE
	BALL VALVE
	GLOBE VALVE
	POP OFF VALVE
	GATE VALVE
	DUMP VALVE
	FLEX JOINT
	WASH DOWN REEL
	AIR ACTUATED VALVE
	HAMMER FITTING
	NEEDLE VALVE
	HYDRAULIC NEEDLE VALVE

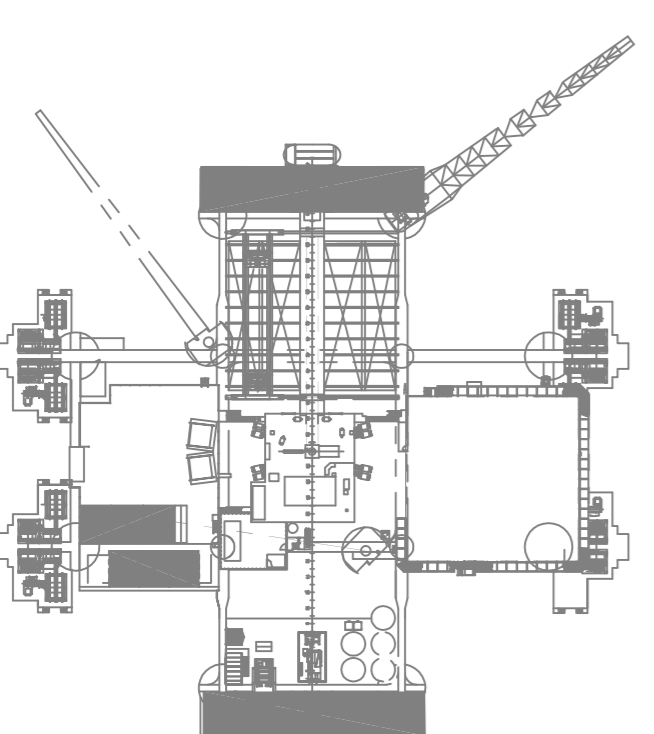
NOTE: FOR REVISIONS SEE SHEETS 1 & 2.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES.

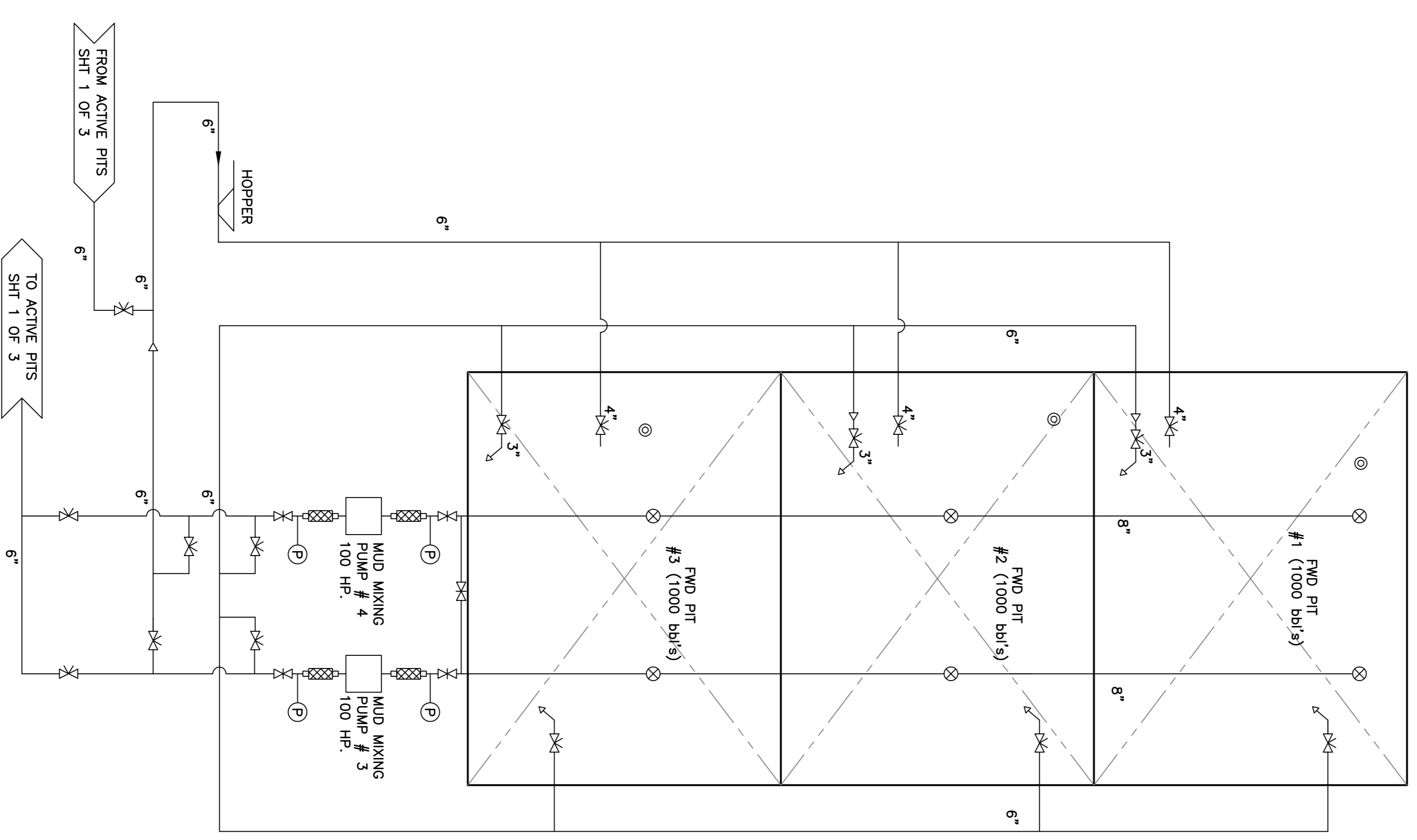
**DYBID AYPBM**  
P O BOX 4558  
HOUSTON, TEXAS 77210  
OCEAN STAR

MUD PROCESSING DIAGRAM

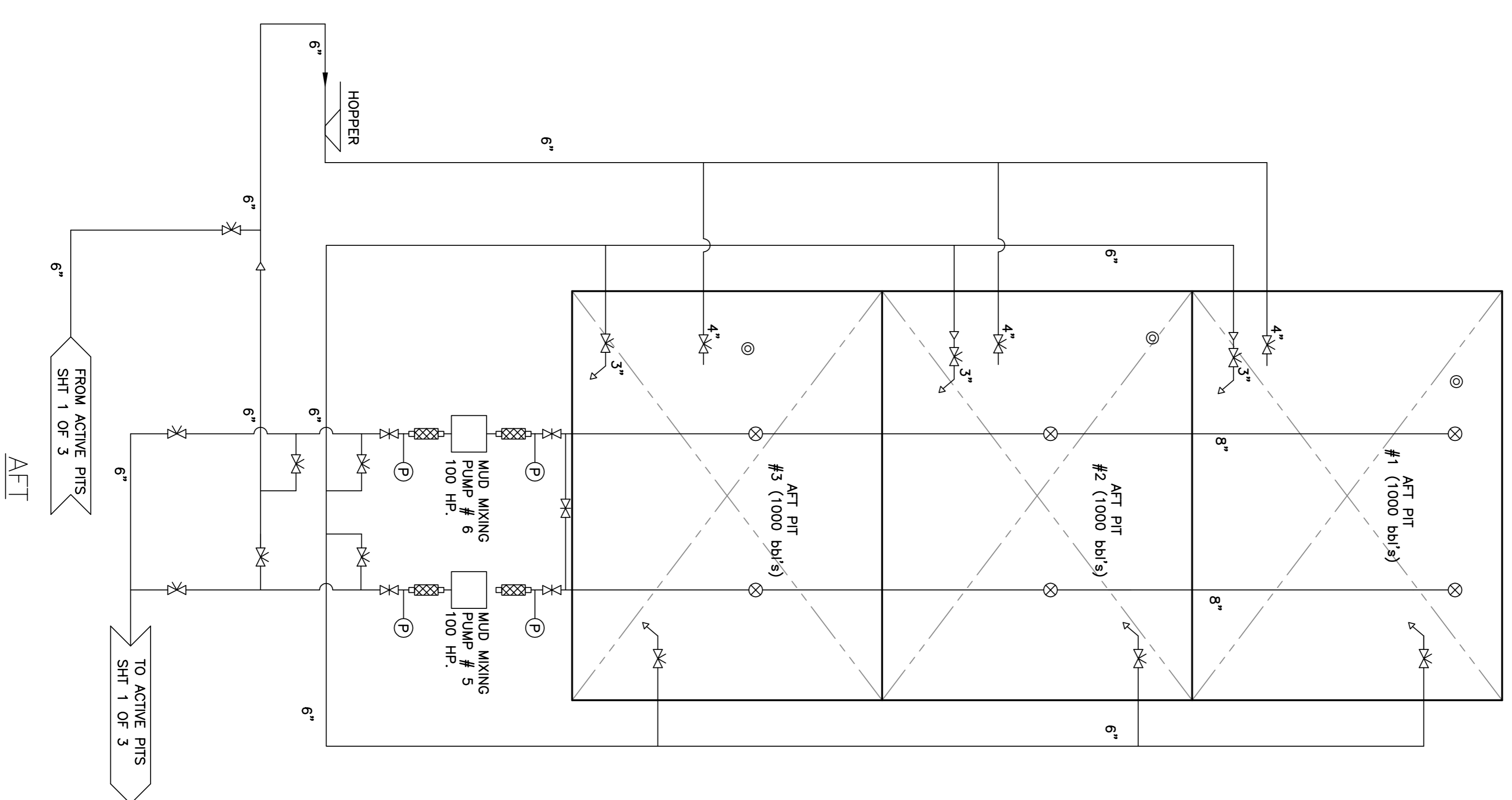
ENGR: JY/P/A	CHK'D:	DATE: 167-PD-021
DRN: MEA	ASRY'D:	SCALE: NONE
DATE: 12-06-98	SHT 3 OF 3	REV: # 2



KEY PLAN



FWD



AFT