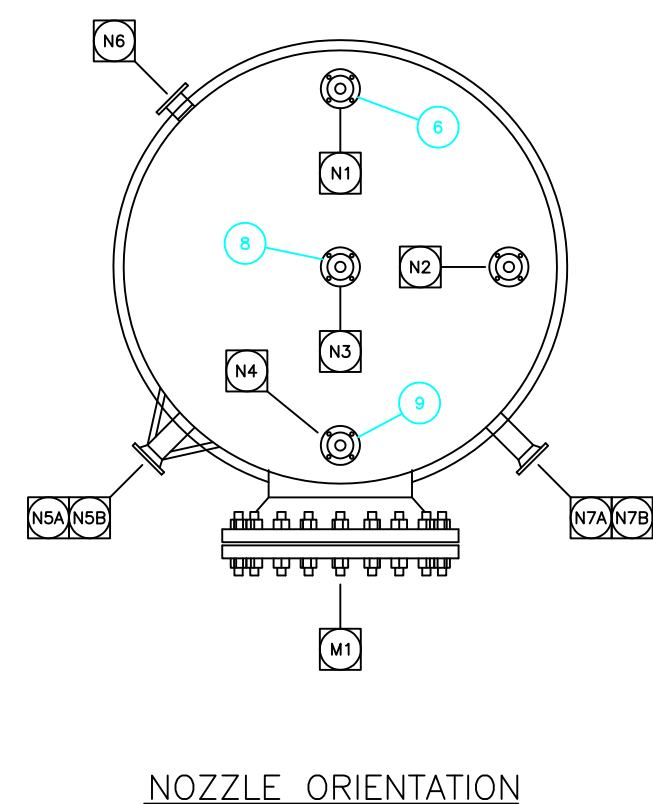
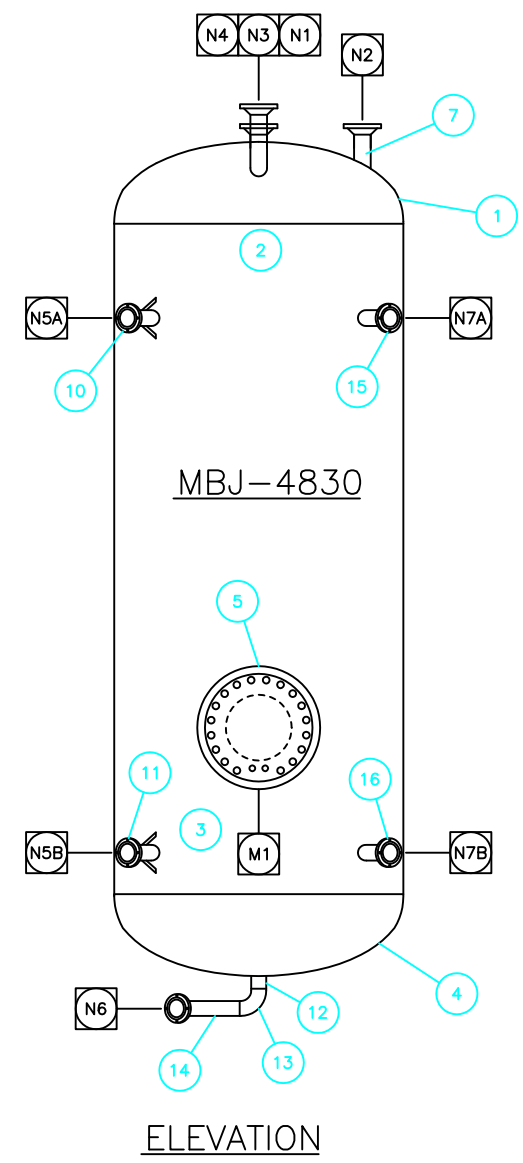


TITLE **MBJ-4830, METHANOL STORAGE TANK** LOCATION       
 DECK      P&ID#     

BILL OF MATERIAL			NOZZLE CONNECTIONS												
ITEM	DESCRIPTION	MATERIAL	NOZZLE	DESCRIPTION	SIZE	QTY	NOZZLE NECKS SCHEDULE	MATERIAL	OUTSIDE PROJECTION	DEGREE ANGLE	FLANGES			REMARKS	
											CLASS	TYPE	SCH	MATERIAL	
1	SHELL	SA 516 GR 70N													
2	HEAD	SA 516 GR 70N													
M1	MANWAY	600[24"]	1	-	SA 516 GR 70N				250	270°	150	WNRF	30	SA 105N	ROLLED FROM PL 12.7 mm THK
N1	UTILITY GAS INLET	50[2"]	1	160	SA 106 GR B				204		150	WNRF	160	SA 105N	
N2	PSV	50[2"]	1	160	SA 106 GR B				204		150	WNRF	160	SA 105N	
N3	INLET/FILL	50[2"]	1	160	SA 106 GR B				152		150	WNRF	160	SA 105N	
N4	PUMP RECYCLE	50[2"]	1	160	SA 106 GR B				204		150	WNRF	160	SA 105N	
N5A/B	LG	50[2"]	2	160	SA 106 GR B				190	45°/45°	150	WNRF	160	SA 105N	
N6	DRAIN/PUMP SECTION	50[2"]	1	160	SA 106 GR B				190	45°	150	WNRF	160	SA 105N	
N7A/B	LT	50[2"]	2	160	SA 106 GR B				190	315°/315°	150	WNRF	160	SA 105N	



PRESSURE VESSEL DATA		
MANUFACTURER	SOUTHERN PETROLEUM CONST.	
TAG NO.	MBJ-4830	
SERIAL NO.	CLJOC/AL-1753.005	
DATE OF CONST.	2011	
MAWP	16.55 BAR (240 PSIG)	
MAWT	19/65°C (66.2/149°F)	
DIAMETER	1372mm (55")	
HT OR LENGTH (S.S.)	3048mm (10'-0")	
SHELL	THICKNESS	12.7mm (.500")
	MATERIAL	SA-516-70
	LONG SEAM	YES
HEADS	TYPE	-
	THICKNESS	16mm (.629")
	MATERIAL	SA-516-70
CODE STAMP (Y OR N)	-	
RADIOGRAPHY	RT-1	
NOZZLE FLANGE RAT.	150#	

INSPECTED BY DLR	DATE 01/12	UT'D BY DRR, JRH	DATE 01/12
		REVISED BY -	DATE -
		DRAWN BY JEF (DLR)	DATE 03/12
CLIENT LOGO HERE		No. MBJ-4830	- 1

MBJ-4830-CM

TML #	MEASURED THICKNESS	REQUIRED THICKNESS	TML LOCATION
#1.01-	15.27	10.98	HEAD 1 - 12
#1.02-	15.16	10.98	HEAD 1 - 3
#1.03-	15.16	10.98	HEAD 1 - 6
#1.04-	15.16	10.98	HEAD 1 - 9
#2.01-	12.80	8.34	SHELL - 12
#2.02-	12.80	8.34	SHELL - 3
#2.03-	12.73	8.34	SHELL - 6
#2.04-	12.78	8.34	SHELL - 9
#3.01-	12.55	8.34	SHELL - 12
#3.02-	12.73	8.34	SHELL - 3
#3.03-	12.73	8.34	SHELL - 6
#3.04-	12.78	8.34	SHELL - 9
#4.01-	14.58	10.98	HEAD 2 - 12
#4.02-	14.43	10.98	HEAD 2 - 3
#4.03-	14.43	10.98	HEAD 2 - 6
#4.04-	13.97	10.98	HEAD 2 - 9
#5.01-	12.55	8.12	M1 - 12
#5.02-	12.70	8.12	M1 - 3
#5.03-	12.67	8.12	M1 - 6
#5.04-	12.73	8.12	M1 - 9
#6.01-	8.74	5.54	N1 - 12
#6.02-	8.66	5.54	N1 - 3
#6.03-	8.61	5.54	N1 - 6
#6.04-	8.69	5.54	N1 - 9
#7.01-	8.71	5.54	N2 - 12
#7.02-	8.89	5.54	N2 - 3
#7.03-	8.36	5.54	N2 - 6
#7.04-	8.33	5.54	N2 - 9
#8.01-	8.71	5.54	N3 - 12
#8.02-	8.51	5.54	N3 - 3
#8.03-	8.61	5.54	N3 - 6
#8.04-	8.76	5.54	N3 - 9

#9.01-	8.46	5.54	N4 - 12
#9.02-	8.66	5.54	N4 - 3
#9.03-	8.76	5.54	N4 - 6
#9.04-	8.66	5.54	N4 - 9
#10.01-	8.56	5.54	N5A - 12
#10.02-	8.64	5.54	N5A - 3
#10.03-	8.48	5.54	N5A - 6
#10.04-	8.89	5.54	N5A - 9
#11.01-	8.76	5.54	N5B - 12
#11.02-	8.92	5.54	N5B - 3
#11.03-	8.71	5.54	N5B - 6
#11.04-	8.71	5.54	N5B - 9
#12.01-	8.61	5.54	N6 BODY - 12
#12.02-	8.56	5.54	N6 BODY - 3
#12.03-	8.81	5.54	N6 BODY - 6
#12.04-	8.69	5.54	N6 BODY - 9
#13.01-	10.29	5.54	N6 ELL - 12
#13.02-	9.60	5.54	N6 ELL - 3
#13.03-	9.02	5.54	N6 ELL - 6
#13.04-	9.47	5.54	N6 ELL - 9
#14.01-	8.51	5.54	N6 BODY - 12
#14.02-	8.61	5.54	N6 BODY - 3
#14.03-	8.59	5.54	N6 BODY - 6
#14.04-	8.81	5.54	N6 BODY - 9
#15.01-	8.46	5.54	N7A - 12
#15.02-	8.71	5.54	N7A - 3
#15.03-	8.86	5.54	N7A - 6
#15.04-	8.74	5.54	N7A - 9
#16.01-	8.97	5.54	N7B - 12
#16.02-	8.64	5.54	N7B - 3
#16.03-	8.84	5.54	N7B - 6
#16.04-	8.89	5.54	N7B - 9

MBJ4830-001.DWG