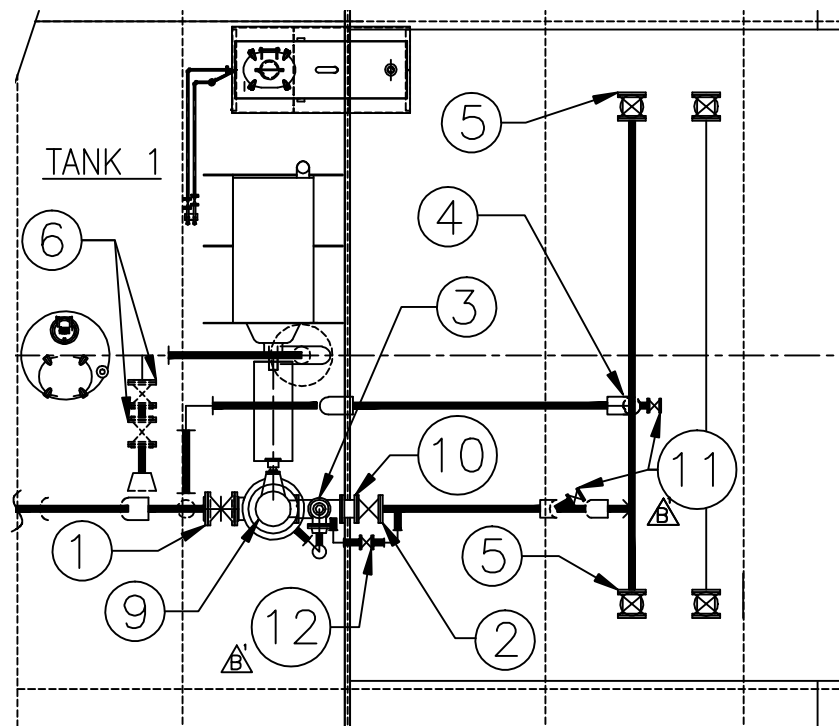
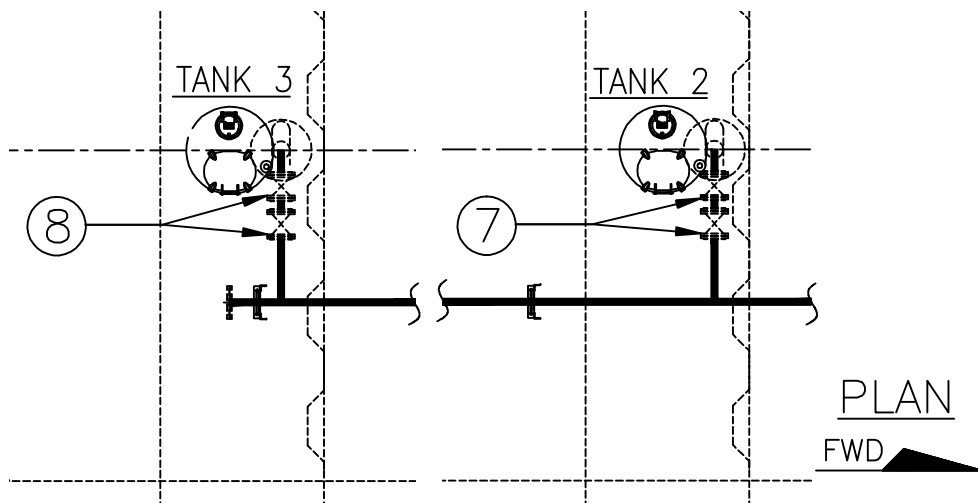


ABV & BLW DK



△ CAPACITY—SHORT TONS AT VARIOUS DRAFTS

DRAFT	TOTAL	CT1	CT2	CT3
6'-0"	818.1	264.1	296.8	257.4
6'-3"	871.1	282.6	317.4	271.1
6'-6"	924.0	301.2	338.1	284.7
6'-9"	977.2	319.9	359.0	298.3
7'-0"	1030.2	338.7	379.9	311.7
7'-3"	1083.6	357.6	400.9	325.1
7'-6"	1136.9	376.5	421.9	338.5
7'-9"	1190.2	395.5	443.1	351.7
8'-0"	1243.7	414.6	464.3	364.9
8'-3"	1297.3	433.8	485.6	378.0
8'-6"	1350.9	453.0	506.9	391.0
8'-9"	1404.6	472.3	528.4	404.0
9'-0"	1458.4	491.6	549.9	416.9
9'-3"	1512.2	511.1	571.5	429.7
9'-6"	1566.1	530.6	593.1	442.5
9'-9"	1620.1	550.1	614.8	455.2
10'-0"	1674.1	569.7	636.6	467.9
10'-3"	1728.2	589.4	658.4	480.4
10'-6"	1782.4	609.1	680.3	493.0

CARGO SYSTEM VALVES

- 1- 10"-MASTER SUCTION VALVE
- 2- 8"- DISCHARGE VALVE
- 3- 6"x4"- PRESSURE RELIEF VALVE
- 4- 8"- LOAD VALVE
- 5- 8"- PORT & STBD HEADER VALVES
- 6- 8"- TK 1 FILL / SUCTION VALVE
- 7- 8"- TK 2 FILL / SUCTION VALVE
- 8- 8"- TK 3 FILL / SUCTION VALVE
- 9- PUMP
- 10- 8"- CHECK VALVE
- 11- 2"- DRAIN VALVE
- 12- 2"- BY PASS VALVE

△ MAX. CAPACITY—BBL (FULL)			
11186.30	3510.12	4064.02	3612.26

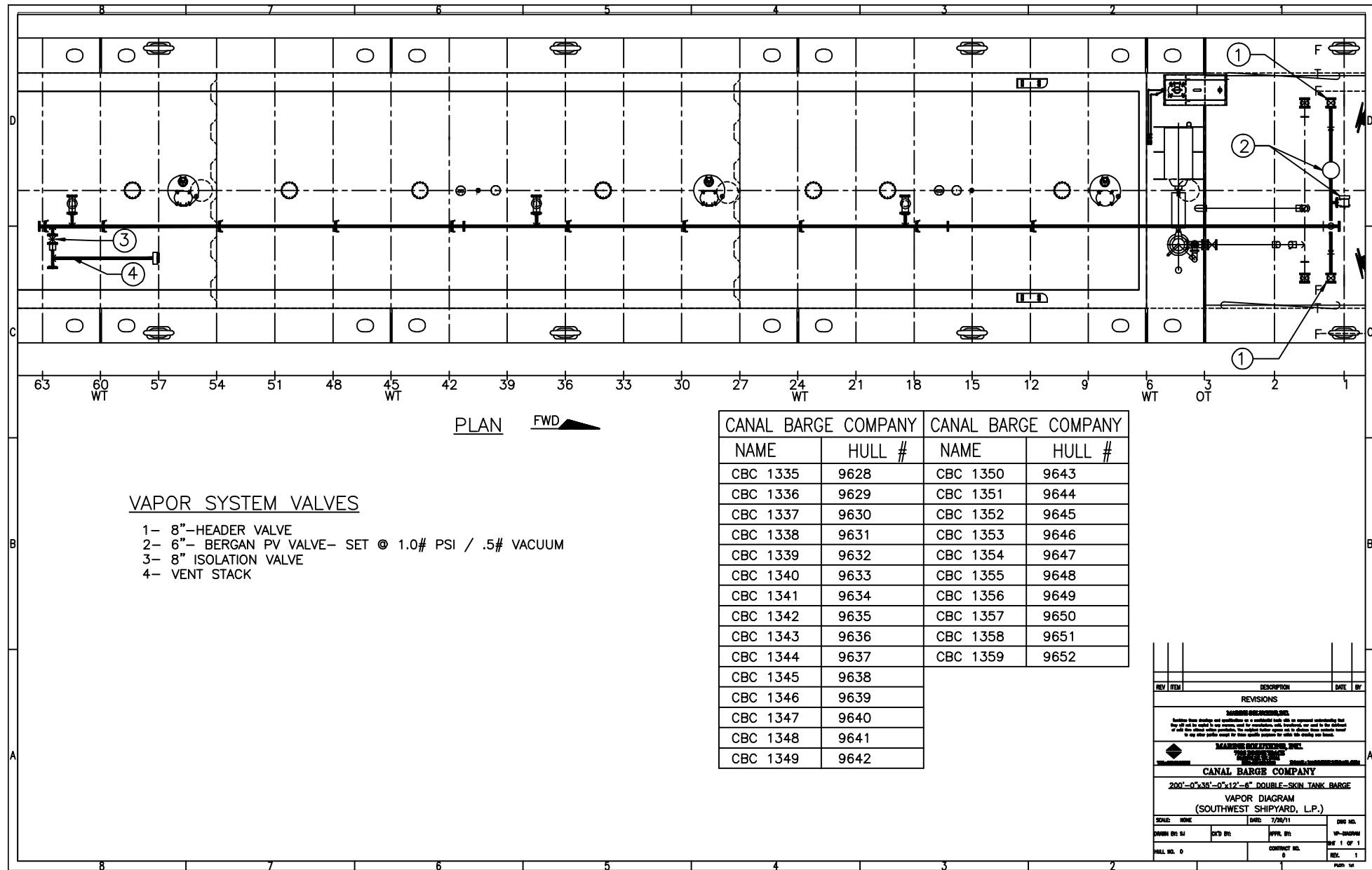
TOTAL	CT1	CT2	CT3
-------	-----	-----	-----

△ MAX. CAPACITY—CU FT (95%)			
59666.25	18721.98	21676.95	19267.32

TOTAL	CT1	CT2	CT3
-------	-----	-----	-----

NAME	HULL #
CBC 1335	9628
CBC 1336	9629
CBC 1337	9630
CBC 1338	9631

REV	ITEM	DESCRIPTION	DATE	BY
B	1	ADDED 2" VALVES	9/9/11	SSJ
A	1	ADDED CAPACITY CHARTS	9/9/11	SSJ
REVISIONS				
MANHOLE SOLUTIONS, INC. MANHOLE SOLUTIONS, INC. is a professional engineering firm. It is not responsible for the design or construction of any structure or equipment unless it is specifically stated in the contract documents. It is the responsibility of the client to provide all necessary information and to ensure that the design is in accordance with all applicable codes and standards. MANHOLE SOLUTIONS, INC. is a professional engineering firm. It is not responsible for the design or construction of any structure or equipment unless it is specifically stated in the contract documents. It is the responsibility of the client to provide all necessary information and to ensure that the design is in accordance with all applicable codes and standards.				
CANAL BARGE COMPANY 200'-0"x35'-0"x12'-6" DOUBLE-SKIN TANK BARGE CARGO PIPE DIAGRAM (SOUTHWEST SHIPYARD, L.P.)				
SCALE	NOT TO SCALE	DATE	7/20/11	DWG NO.
DESIGN BY	SSJ	CHECK BY	SSJ	OF-DRAWING
HULL NO.	SEE CHART	CONTRACT NO.	0	SHEET 1 OF 1
				REV. 2



VAPOR SYSTEM VALVES

- 1- 8"-HEADER VALVE
- 2- 6"- BERGAN PV VALVE- SET @ 1.0# PSI / .5# VACUUM
- 3- 8" ISOLATION VALVE
- 4- VENT STACK

CANAL BARGE COMPANY		CANAL BARGE COMPANY	
NAME	HULL #	NAME	HULL #
CBC 1335	9628	CBC 1350	9643
CBC 1336	9629	CBC 1351	9644
CBC 1337	9630	CBC 1352	9645
CBC 1338	9631	CBC 1353	9646
CBC 1339	9632	CBC 1354	9647
CBC 1340	9633	CBC 1355	9648
CBC 1341	9634	CBC 1356	9649
CBC 1342	9635	CBC 1357	9650
CBC 1343	9636	CBC 1358	9651
CBC 1344	9637	CBC 1359	9652
CBC 1345	9638		
CBC 1346	9639		
CBC 1347	9640		
CBC 1348	9641		
CBC 1349	9642		

REV	ITEM	DESCRIPTION	DATE	BY
REVISIONS				
MAINTENANCE DEPARTMENT, INC. MAINTENANCE DEPARTMENT, INC. MAINTENANCE DEPARTMENT, INC.				
CANAL BARGE COMPANY 200'-0"x35'-0"x12'-6" DOUBLE-SKIN TANK BARGE VAPOR DIAGRAM (SOUTHWEST SHIPYARD, L.P.)				
SCALE:	NONE	DATE:	7/20/11	DWG. NO.
DRAWN BY:	BJ	CHECKED BY:		VP-DESIGN
HULL NO.:	0	CONTRACT NO.:	0	SHEET 1 OF 1
				REV. 1