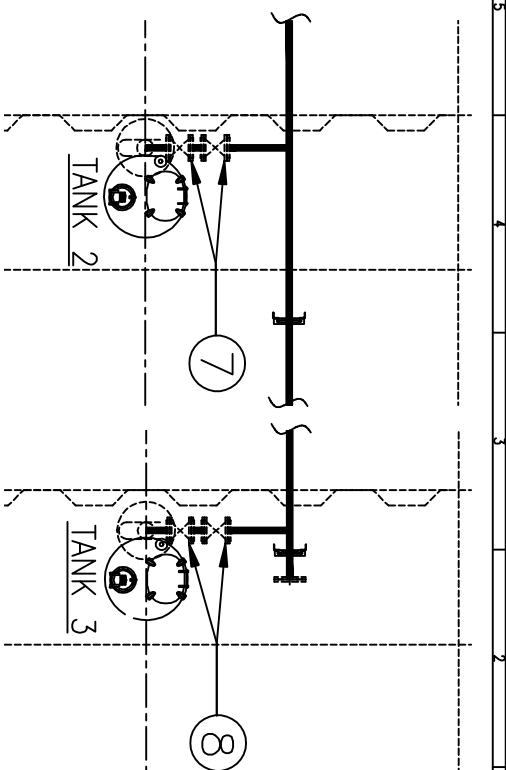
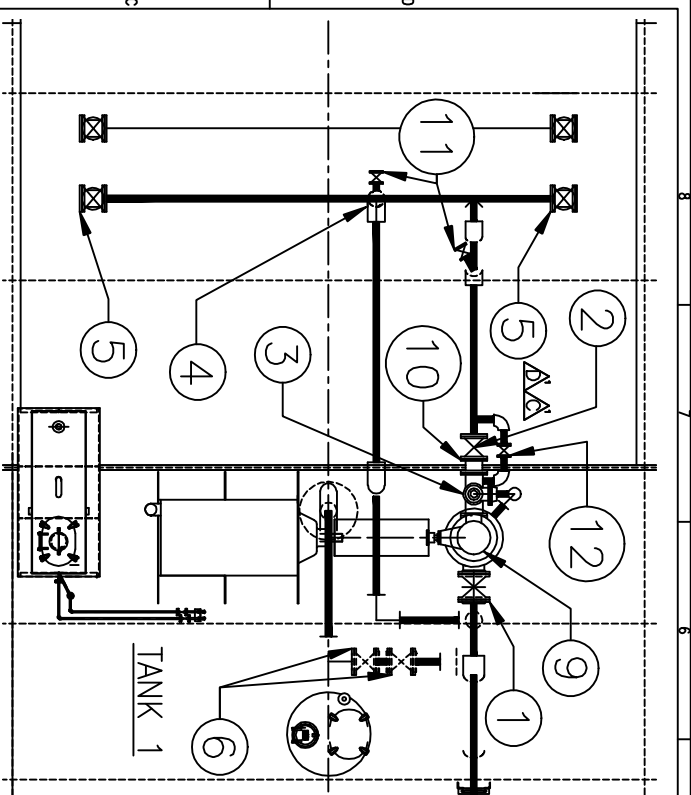


PLAN ABV & BLW DK

FWD

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	635.6	467.9
10'-3"	1728.2	589.4	656.4	480.4
10'-6"	1782.4	609.1	680.3	493.0

CARGO SYSTEM VALVES

- | | |
|---------|---------------------------|
| 1-0" | 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 |
| Δ11-2" | DRAIN VALVE |
| Δ12-2" | BY PASS VALVE |

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 VALVE		
6- 8"	TK 1 FILL / SUCTON VALVE		
7- 8"	TK 2 FILL / SUCTON VALVE		
8- 8"	TK 3 FILL / SUCTON VALVE		
9- PUMP			
10- 8"	CHECK VALVE		
Δ11- 1"	DRAIN VALVE		
Δ12- 2"	BY PASS VALVE		
Δ1	MAX. CAPACITY-BBL. (FULL)		
11186.30	3510.12	4064.02	3612.26
TOTAL	CT11	CT12	CT13
Δ2	MAX. CAPACITY-CU FT. (95%)		
59666.25	18721.98	21676.95	19267.32
TOTAL	CT11	CT12	CT13

[illegible][illegible]

