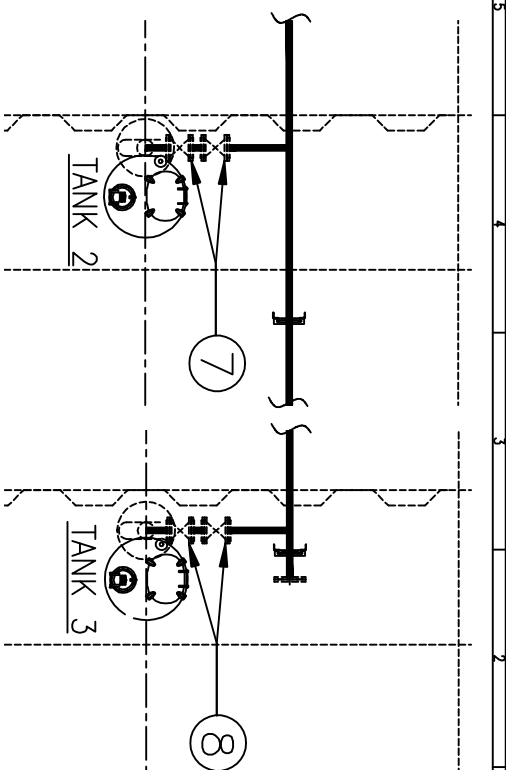
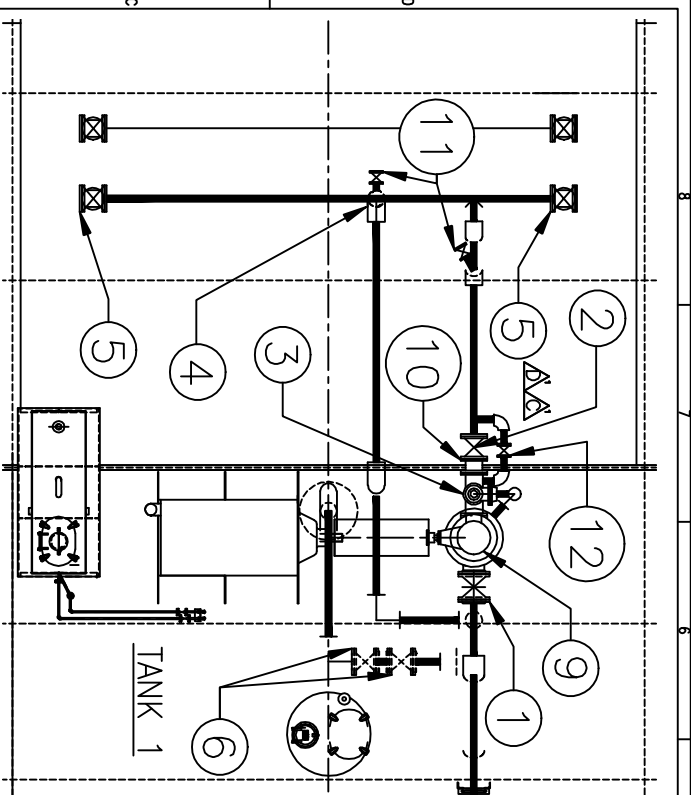


PLAN ABV & BLW DK

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 / SUCTION VALVE		
7- 8"	TK 2 FILL / SUCTION VALVE		
8- 8"	TK 3 FILL / SUCTION 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

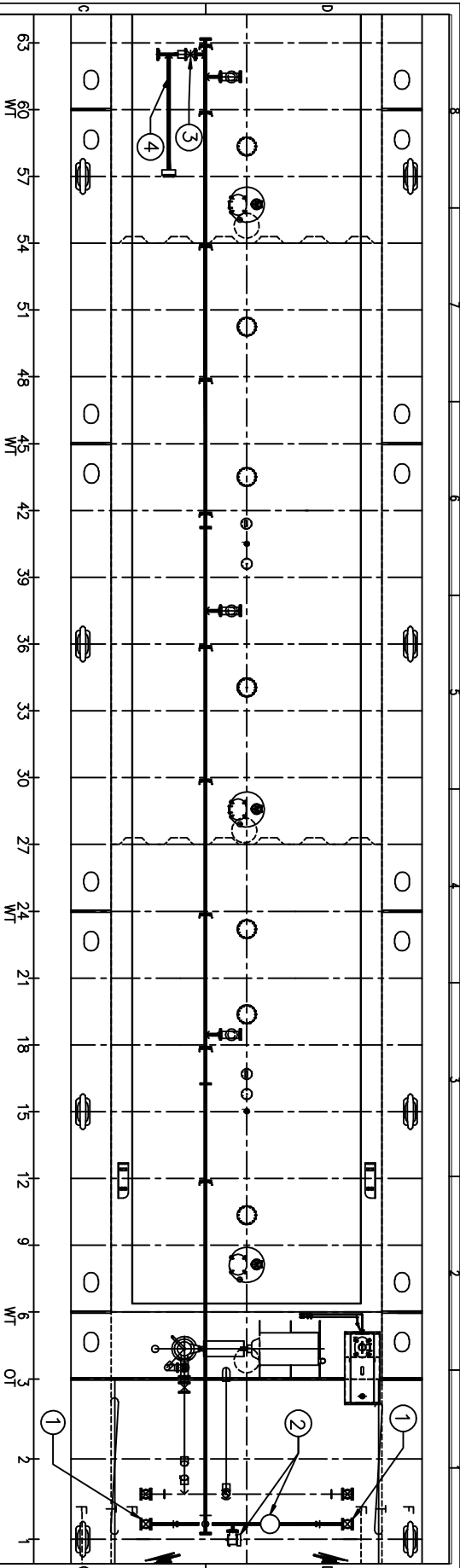
NAME	HULL #	NAME	HULL #	NAME	HULL #	NAME	HULL #
CBBC 1339	9632	CBBC 1355	9648	CBBC 1371	9703	CBBC 1376	9708
CBBC 1340	9633	CBBC 1356	9649	CBBC 1372	9704	CBBC 1377	9709
CBBC 1341	9634	CBBC 1357	9650	CBBC 1373	9705	CBBC 1378	9710
CBBC 1342	9635	CBBC 1358	9651	CBBC 1374	9706	CBBC 1379	9711
CBBC 1343	9636	CBBC 1359	9652	CBBC 1375	9707		
CBBC 1344	9637	CBBC 1360	9653				
CBBC 1345	9638	CBBC 1361	9654				
CBBC 1346	9639	CBBC 1362	9655				
CBBC 1347	9640	CBBC 1363	9656				
CBBC 1348	9641	CBBC 1364	9657				
CBBC 1349	9642	CBBC 1365	9658				
CBBC 1350	9643	CBBC 1366	9659				
CBBC 1351	9644	CBBC 1367	9660				
CBBC 1352	9645	CBBC 1368	9661				
CBBC 1353	9646	CBBC 1369	9662				
CBBC 1354	9647	CBBC 1370	9663				

2022-03-20 09:42:42 -C- CANAL BARGE COMPANY
CARBO PIPE DESIGN

REVISIONS

REV	DATE	DESCRIPTION	BY	CHK
1		ISSUED FOR CONSTRUCTION		
2		REVISION 1: SEE REVISION 1		
3		REVISION 2: SEE REVISION 2		
4		REVISION 3: SEE REVISION 3		
5		REVISION 4: SEE REVISION 4		
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267				

[illegible]



PLAN FWD

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				CANAL BARGE COMPANY			
NAME	HULL #	NAME	HULL #	NAME	HULL #	NAME	HULL #	NAME	HULL #	NAME	HULL #
CBC 1335	9628	CBC 1352	9645	CBC 1370	9702	/B		CBC 1370	9702	/B	
CBC 1336	9629	CBC 1353	9646	CBC 1371	9703	/B		CBC 1371	9703	/B	
CBC 1337	9630	CBC 1354	9647	CBC 1372	9704	/B		CBC 1372	9704	/B	
CBC 1338	9631	CBC 1355	9648	CBC 1373	9705	/B		CBC 1373	9705	/B	
CBC 1339	9632	CBC 1356	9649	CBC 1374	9706	/B		CBC 1374	9706	/B	
CBC 1340	9633	CBC 1357	9650	CBC 1375	9707	/B		CBC 1375	9707	/B	
CBC 1341	9634	CBC 1358	9651	CBC 1376	9708	/B		CBC 1376	9708	/B	
CBC 1342	9635	CBC 1359	9652	CBC 1377	9709	/B		CBC 1377	9709	/B	
CBC 1343	9636	CBC 1360	9655	CBC 1378	9710	/B		CBC 1378	9710	/B	
CBC 1344	9637	CBC 1361	9656	CBC 1379	9711	/B		CBC 1379	9711	/B	
CBC 1345	9638	CBC 1362	9657								
CBC 1346	9639	CBC 1363	9658								
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CBC 1349	9642	CBC 1366	9691								
CBC 1350	9643	CBC 1367	9692								
CBC 1351	9644	CBC 1368	9693								
		CBC 1369	9694								

200'-00"X35'-00"X12'-00" DOUBLE-DECK TANK BARGE

VAPOR DIAGRAM

(SOUTHWEST SHIPYARD, L.P.)

DATE: 7/27/11

BY: JMS

CHK: JMS

REV: 1 OF 1

SCALE: 1" = 10'-0"

UNIT: FEET

REVISIONS:

REVISIONS:

1. EXTENDED HULL APPLICABILITY

2. EXTENDED HULL APPLICABILITY