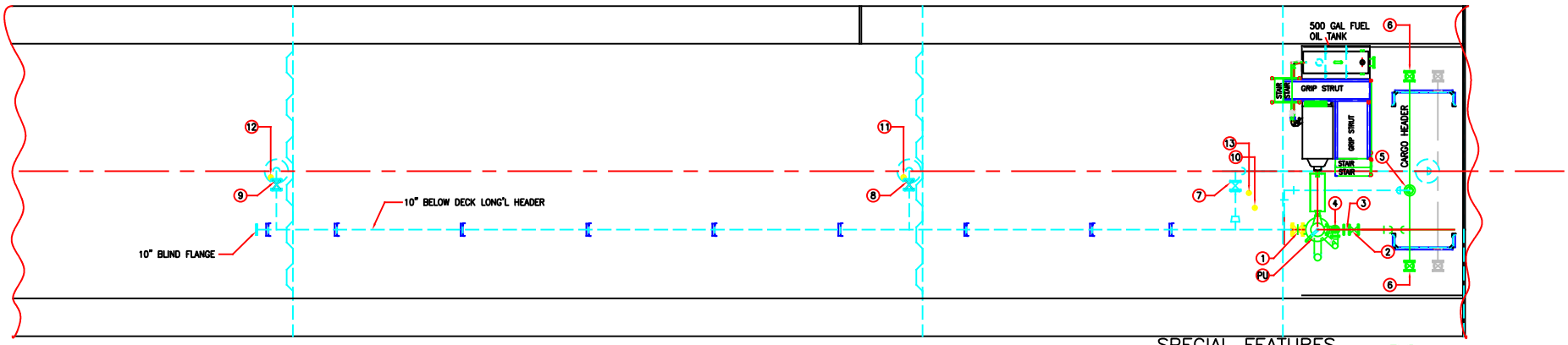

PLAN

CARGO LOADING:

A OPEN VALVES NO.:5,6,7,8,9,10,11 & 12
B CLOSE VALVES NO.:1,2
C VENT TANKS

CARGO DISCHARGE:

A OPEN VALVES NO.:1,2,6,7,8,9,10,11, & 12
B CLOSE VALVES NO.: 5
C VENT TANKS

CARGO SYSTEM VALVES

1 PUMP SUCTION VALVE
2 PUMP DISCHARGE VALVE
3 PUMP DISCHARGE CHECK VALVE
4 PRESSURE RELIEF VALVE
5 CARGO FILL VALVE
6 PORT & STBD HEADER VALVES
7 TK 1 FILL / SUCTION VALVE
8 TK 2 FILL / SUCTION VALVE
9 TK 3 FILL / SUCTION VALVE
10 #1 STRIPPING VALVE
11 #2 STRIPPING VALVE
12 #3 STRIPPING VALVE
PU PUMP
13 DEEPWELL CAN STRIPPING VALVE

TANK VOL. 100% FULL

TANK	GAL.	BBL.	CU. FT.
1	151506	3607.28	20253.41
2	190912	4545.52	25521.22
3	170306	4054.90	22766.60
TOTAL	512724	12207.70	68541.23
		98% FULL 11963.55	

MAX CAPACITY – BBL (100%)			
12207.70	3607.28	4545.52	4054.90
TOTAL	CT1	CT2	CT3

MAX CAPACITY – CU. FT. (100%)			
68541.23	20253.41	25521.22	22766.60
TOTAL	CT1	CT2	CT3

CAPACITIES–SHORT TONS AT VARIOUS DRAFTS TANK NUMBER

DRAFT (FT)	TOTAL (S.T.)	1 (S.T.)	2 (S.T.)	3 (S.T.)
6.00	924.60	282.00	328.90	313.70
6.25	979.20	299.00	348.70	331.50
6.50	1033.90	316.00	368.40	349.50
6.75	1088.50	333.00	388.20	367.30
7.00	1143.10	350.00	408.00	385.10
7.25	1197.70	367.10	427.80	402.80
7.50	1252.50	384.10	447.70	420.70
7.75	1307.00	401.10	467.40	438.50
8.00	1361.60	418.10	487.20	465.30
8.25	1416.20	435.10	507.00	474.10
8.50	1470.80	452.20	526.80	491.80
8.75	1525.50	469.20	546.60	509.70
9.00	1580.10	486.20	566.40	527.50
9.25	1634.70	503.20	586.10	545.40
9.4167	1671.00	514.50	599.30	557.20
9.50	1689.17	520.20	605.90	563.07
9.75	1744.00	537.30	625.70	581.00
10.00	1798.60	554.30	645.50	598.80
10.25	1853.20	571.30	665.30	616.60
10.50	1907.80	588.30	685.10	634.40

SPECIAL FEATURES

1. CARGO PUMP: BYRON JACKSON
   MODEL 11LS14GH–3
   AMARILLO GEAR S300
   2100 GPM, 253' TDH
   @ 192 H.P.
2. CARGO PUMP ENGINE: IVECO/FPT
   DIESEL MODEL PU–1173

BARGE INFORMATION

YEAR BUILT: 2020
HULL TYPE: I
CARGO GRADE: A & LOWER PRODUCTS PER SUBCHAPTER "D" AND LIMITED SUBCHAPTER "O" PRODUCTS. WHEN IN TOW WITH A RAKE BARGE

CANAL BARGE COMPANY	
NAME	HULL #
CBC 1420	9823
CBC 1421	9824
CBC 1422	9825
CBC 1423	9826
CBC 1424	9827
CBC 1425	9833
CBC 1426	9835
CBC 1427	9837
CBC 1428	9838
CBC 1429	9839

REVISIONS

REV | ITEM | DESCRIPTION | DATE | BY

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CANAL BARGE COMPANY, INC.

200'–0" X 35'–0" X 12'–6" DOUBLE SKIN TANK BARGE

CARGO PIPING DIAGRAM
(SOUTHWEST SHIPYARD)

SCALE: 3/16" = 1'–0"		DATE: 05/31/17	DWG NO.
DRAWN BY: MSI	CK'D BY:	APPR. BY:	16120/CPLAN–1
HULL NO. –		CONTRACT NO. 0	SHT 1 OF 1
			REV. 0

PLOT: 1