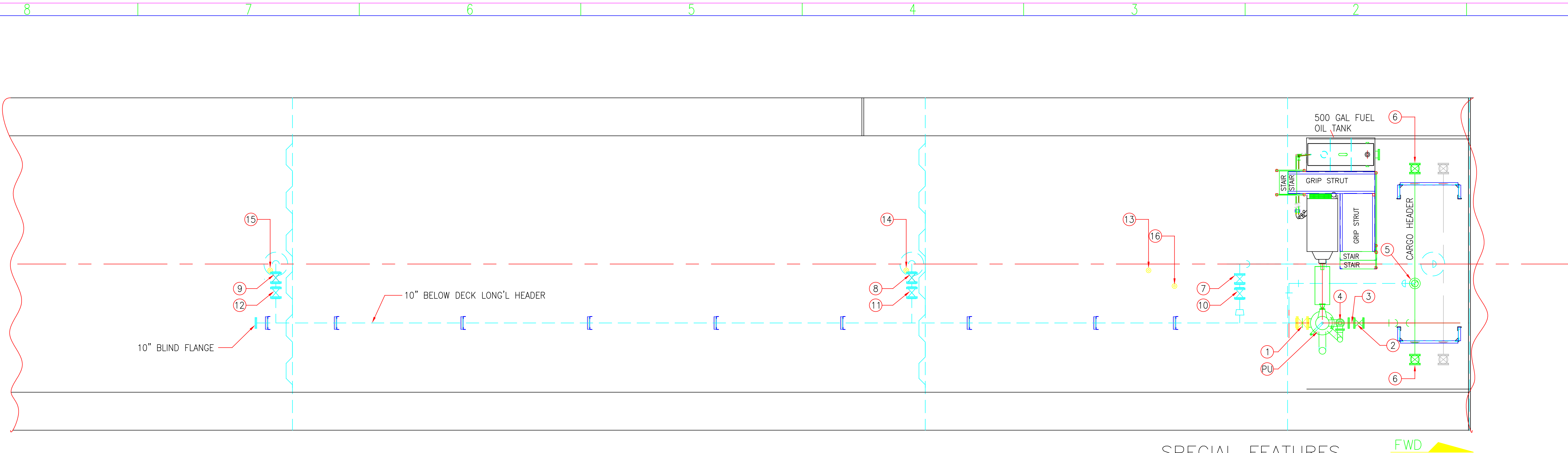




PLAN

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 TK 1 FILL / SUCTION VALVE  
11 TK 2 FILL / SUCTION VALVE  
12 TK 3 FILL / SUCTION VALVE  
13 #1 STRIPPING VALVE  
14 #2 STRIPPING VALVE  
15 #3 STRIPPING VALVE  
PU PUMP  
16 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

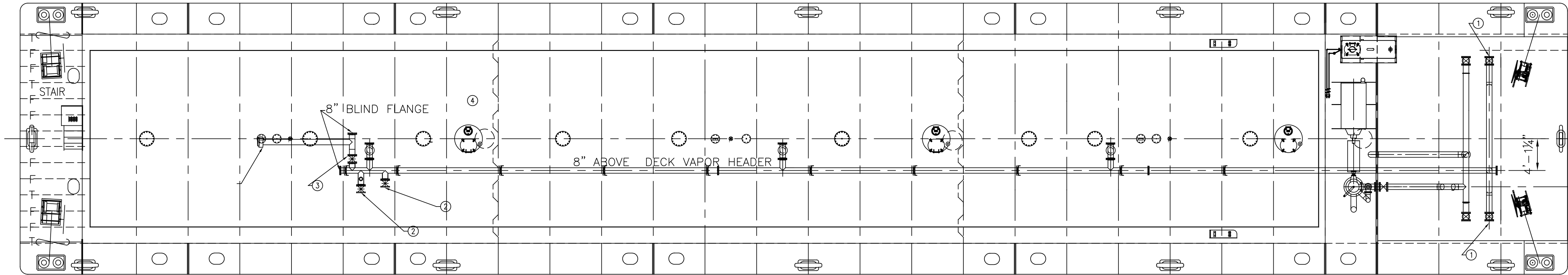
1. CARGO PUMP: BYRON JACKSON  
MODEL 11LS14GH-3  
AMARILLO GEAR S300  
2100 GPM, 253' TDH  
@ 192 H.P.  
2. CARGO PUMP ENGINE: IVECO/FPT  
DIESEL MODEL PU-1173

BARGE INFORMATION

YEAR BUILT: 2018  
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 1400            | 9780   |
| CBC 1401            | 9781   |
| CBC 1402            | 9782   |
| CBC 1403            | 9783   |
| CBC 1404            | 9784   |
| CBC 1405            | 9785   |
| CBC 1406            | 9786   |
| CBC 1407            | 9787   |
| CBC 1408            | 9788   |
| CBC 1409            | 9789   |
| CBC 1410            | 9813   |
| CBC 1411            | 9814   |
| CBC 1412            | 9815   |
| CBC 1413            | 9816   |
| CBC 1414            | 9817   |
| CBC 1415            | 9818   |
| CBC 1416            | 9819   |
| CBC 1417            | 9820   |
| CBC 1418            | 9821   |
| CBC 1419            | 9822   |

|                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                              |                     |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------|---------------------|--------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                              |                     |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                              |                     |              |
| REV                                                                                                                                                                                                                                                                                                                                                                                                                       | ITEM | DESCRIPTION                  | DATE                | BY           |
| REVISIONS                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                              |                     |              |
| MARINE SOLUTIONS, INC.                                                                                                                                                                                                                                                                                                                                                                                                    |      |                              |                     |              |
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| NASHVILLE                                                                                                                                                                                                                                                                                                                                                                                                                 |      | CELL: 615-364-9598           | HOUSTON             |              |
| P.O. BOX 218197                                                                                                                                                                                                                                                                                                                                                                                                           |      | TEL: 615-662-9608            | P.O. BOX 19878      |              |
| 37221                                                                                                                                                                                                                                                                                                                                                                                                                     |      | E-MAIL: MARINESOLINC@AOL.COM | SUGARLAND, TX 77499 |              |
| CANAL BARGE COMPANY, INC.                                                                                                                                                                                                                                                                                                                                                                                                 |      |                              |                     |              |
| 200'-0" X 35'-0" X 12'-6" DOUBLE SKIN TANK BARGE                                                                                                                                                                                                                                                                                                                                                                          |      |                              |                     |              |
| CARGO PIPING DIAGRAM<br>(SOUTHWEST SHIPYARD)                                                                                                                                                                                                                                                                                                                                                                              |      |                              |                     |              |
| SCALE: 3/16" = 1'-0"                                                                                                                                                                                                                                                                                                                                                                                                      |      | DATE: 05/31/17               |                     | DWG NO.      |
| DRAWN BY: MSI                                                                                                                                                                                                                                                                                                                                                                                                             |      | CK'D BY:                     |                     | 161201CLPM-1 |
| HULL NO. -                                                                                                                                                                                                                                                                                                                                                                                                                |      | CONTRACT NO.                 |                     | SHT 1 OF 1   |
|                                                                                                                                                                                                                                                                                                                                                                                                                           |      | 0                            |                     | REV. 0       |



| CANAL BARGE COMPANY |        |  |
|---------------------|--------|--|
| NAME                | HULL # |  |
| CBC 1400            | 9780   |  |
| CBC 1401            | 9781   |  |
| CBC 1402            | 9782   |  |
| CBC 1403            | 9783   |  |
| CBC 1404            | 9784   |  |
| CBC 1405            | 9785   |  |
| CBC 1406            | 9786   |  |
| CBC 1407            | 9787   |  |
| CBC 1408            | 9788   |  |
| CBC 1409            | 9789   |  |
| CBC 1410            | 9813   |  |
| CBC 1411            | 9814   |  |
| CBC 1412            | 9815   |  |
| CBC 1413            | 9816   |  |
| CBC 1414            | 9817   |  |
| CBC 1415            | 9818   |  |
| CBC 1416            | 9819   |  |
| CBC 1417            | 9820   |  |
| CBC 1418            | 9821   |  |
| CBC 1419            | 9822   |  |

VAPOR SYSTEM VALVES:

- 1- 8" HEADER VALVES
- 2- 6" BERGAN PV VALVE SET @ 1.5# PSI/ 0.5# VACUUM
- 3- 8" ISOLATION VALVE
- 4- VENT STACK

PLAN

|                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                             |  |            |    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------|--|------------|----|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                             |  |            |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1    | EXTENDED HULL APPLICABILITY |  | 3/14/13    | SJ |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1    | REVISED VENT STACK.         |  | 3/26       | CK |
| REV                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ITEM | DESCRIPTION                 |  | DATE       | BY |
| REVISIONS                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |                             |  |            |    |
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| CANAL BARGE COMPANY                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |                             |  |            |    |
| 200'-0"x35'-0"x12'-6" DOUBLE-SKIN TANK BARGE                                                                                                                                                                                                                                                                                                                                                                                                        |      |                             |  |            |    |
| VAPOR PIPING<br>(SOUTHWEST SHIPYARD, L.P.)                                                                                                                                                                                                                                                                                                                                                                                                          |      |                             |  |            |    |
| SCALE: 1/8"=1'-0"                                                                                                                                                                                                                                                                                                                                                                                                                                   |      | DATE: 02/28/11              |  | DWG NO.    |    |
| DRAWN BY: ck                                                                                                                                                                                                                                                                                                                                                                                                                                        |      | CK'D BY:                    |  | APPR. BY:  |    |
| HULL NO. 0                                                                                                                                                                                                                                                                                                                                                                                                                                          |      | CONTRACT NO. 0              |  | SHT 1 OF 2 |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      | REV. 2                      |  | PLOT: 1:1  |    |