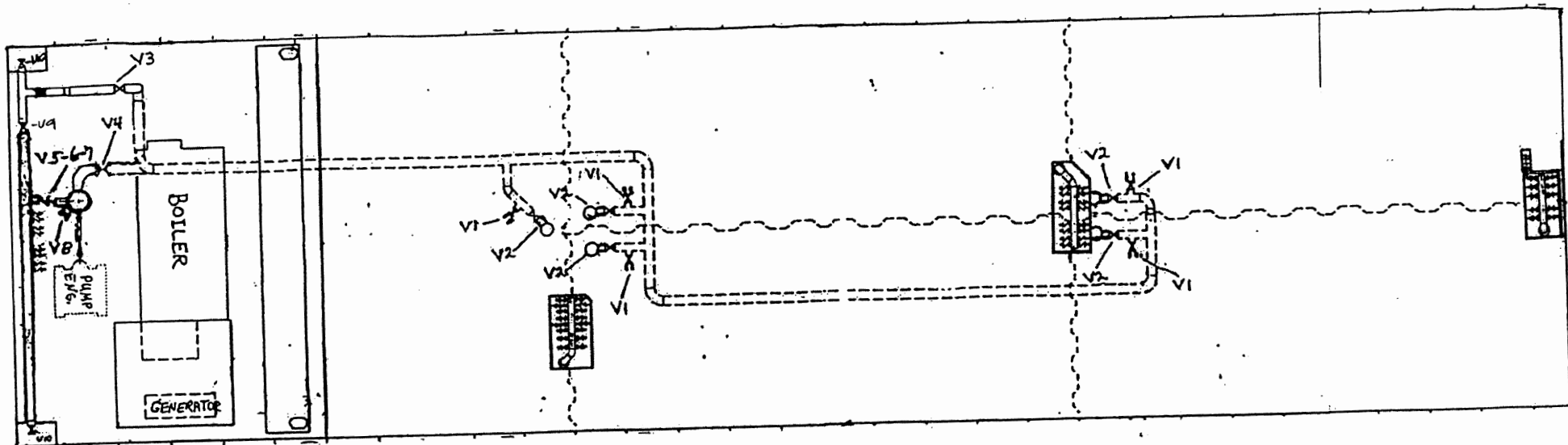
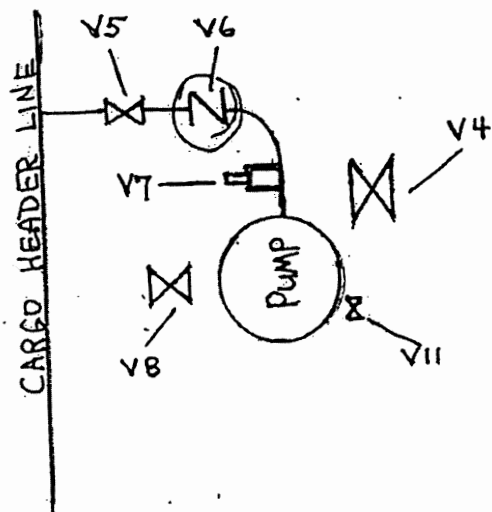




- V1 - High loading valve
- V2 - Cargo Tank suction valve
- V3 - Cargo Header loading valve
- V4 - Pumpwell Inlet Valve
- V5 - Pump Discharge Valve
- V6 - Pump Discharge Check Valve
- V7 - Pump Pressure Relief Valve
- V8 - Pumpwell Drain Valve
- V9 - Cargo Header Block Valve
- V10 - Cargo Header Valve
- V11 - Pumpwell Bleeder Valve



#### LOADING CONSTRAINTS

| TYPE | DRAFT  | CARGO TONS |
|------|--------|------------|
| II   | 9'-6"  | 3,545      |
| III  | 10'-0" | 3,791      |

| CAPACITY - SHOR TONS AT VARIOUS DRAFTS |       |             |      |      |
|----------------------------------------|-------|-------------|------|------|
| DRAFT                                  | TOTAL | TANK NUMBER |      |      |
|                                        |       | 1           | 2    | 3    |
| 6'-0"                                  | 1847  | 636         | 689  | 522  |
| 6'-3"                                  | 1966  | 677         | 733  | 556  |
| 6'-6"                                  | 2085  | 718         | 78   | 589  |
| 6'-9"                                  | 2205  | 759         | 823  | 623  |
| 7'-0"                                  | 2325  | 793         | 858  | 674  |
| 7'-3"                                  | 2446  | 842         | 918  | 686  |
| 7'-6"                                  | 2557  | 892         | 958  | 707  |
| 7'-9"                                  | 2688  | 925         | 1003 | 760  |
| 8'-0"                                  | 2809  | 967         | 1048 | 794  |
| 8'-3"                                  | 2931  | 1009        | 1094 | 828  |
| 8'-6"                                  | 3052  | 1050        | 1138 | 864  |
| 8'-9"                                  | 3174  | 1092        | 1184 | 898  |
| 9'-0"                                  | 3287  | 1135        | 1230 | 922  |
| 9'-3"                                  | 3419  | 1177        | 1255 | 987  |
| 9'-6"                                  | 3542  | 1219        | 1321 | 1002 |

| LIGHT WT. | MAXIMUM CAPACITY - BLS |        |        |       |
|-----------|------------------------|--------|--------|-------|
| 894       | 30,250                 | 10,410 | 11,286 | 8,554 |

#### BARGE INFORMATION

|                                     |                        |
|-------------------------------------|------------------------|
| OFFICIAL NO. 990788                 | YEAR BUILT: 1993       |
| HULL TYPE: II & III                 | PLACE BUILT: JEFFERSON |
| GROSS/NET TONS: 1678                | CARGO GRADE: "A"       |
| SUBCHAPTER "O" CARGOES: SEE REVERSE |                        |

PUMP ENGINE: GM 8V 71

CARGO PUMP  
200 GPM @ 155 RPM @ 125 PSI  
10" VIKING GEAR PUMP

SPECIAL FEATURES  
11 8 MIL BTU HEATER  
27 2 INCH PIPE HEATING COILS

#### VALVE IDENTIFICATION

|                             |                  |
|-----------------------------|------------------|
| BV - BLOCK VALVE            | CV - CHECK VALVE |
| HV - HEADER VALVES          | P - PUMP         |
| DV - DISCHARGE VALVE        | HW - HAND WHEEL  |
| LV - LOADING VALVE          |                  |
| TV - INDIVIDUAL TANK VALVES |                  |

Canal Barge Company, Inc  
835 UNION STREET  
NEW ORLEANS, LA. 70112

#### PIPING DIAGRAM

|                       |           |
|-----------------------|-----------|
| TYPE: DOUBLE SKIN     | CBC - 328 |
| SIZE: 257.5 x 54 x 12 |           |