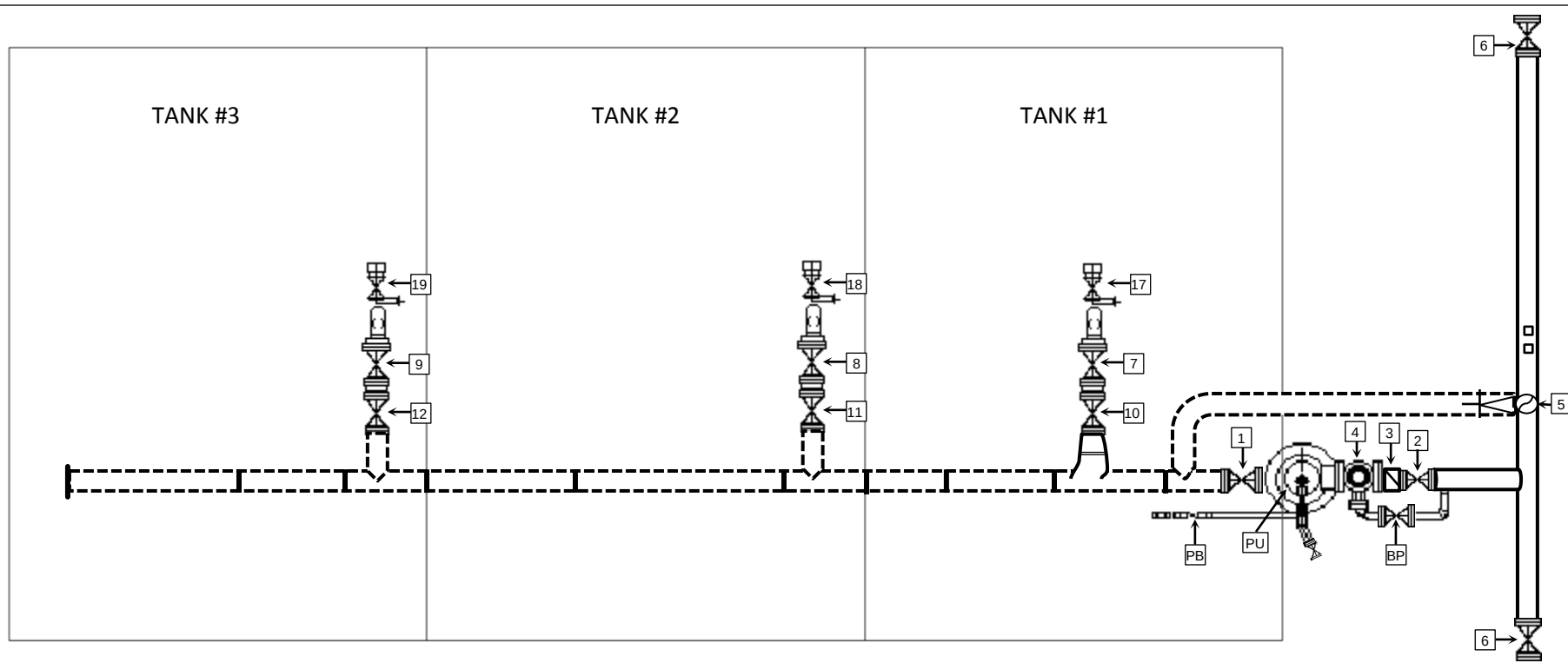




CARGO SYSTEM VALVES

- 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
- 17 #1 STRIPPING VALVE
- 18 #2 STRIPPING VALVE
- 19 #3 STRIPPING VALVE
- PU PUMP
- BP BYPASS VALVE
- PB PUMP BLEED VALVE

CARGO LOADING:

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

CARGO DISCHARGE:

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

BARGE INFORMATION

HULL	04-2178	04-2179	04-2180	04-2181	04-2182	04-2183	04-2184	04-2185
NAME:	CBC 66	CBC 67	CBC 68	CBC 69	CBC 70	CBC 71	CBC 72	CBC 73
OFF.#	1157191	1157192	1157193	1157194	1157195	1157196	1157197	1157198
YR BUILT	2004	2004	2004	2004	2004	2004	2004	2004

CAPACITIES-SHORT TONS AT VARIOUS DRAFTS				
DRAFT (FT)	TOTAL (S.T.)	TANK NUMBER		
		1 (S.T.)	2 (S.T.)	3 (S.T.)
6.0	793	264	264	265
6.25	846	282	282	282
6.5	899	299	300	300
6.75	952	317	317	318
7.0	1005	335	335	335
7.25	1058	352	353	353
7.5	1111	370	370	371
7.75	1165	388	388	389
8.0	1218	406	406	406
8.25	1272	424	424	424
8.5	1325	441	442	442
8.75	1379	459	460	460
9.0	1432	477	477	478
9.25	1486	495	495	496
9.50	1540	513	513	514
LIGHT WGT SHORT TON 407	MAX CAPACITY – BBL (100%)			
	11066	3908	3579	3579

SPECIAL FEATURES:

1. CARGO PUMP: 2100 GPM – 237 TDH
1800 RPM 10" SUCTION 8" DISCHARGE
2. CARGO PUMP ENGINE: CUMMINS 6CTA
3. COMMON VENT HEADER W/ RETURN LINE
4. CHANNEL STEAM COILS BELOW TANK

BUILDER: JEFFBOAT

CANAL BARGE COMPANY, INC.



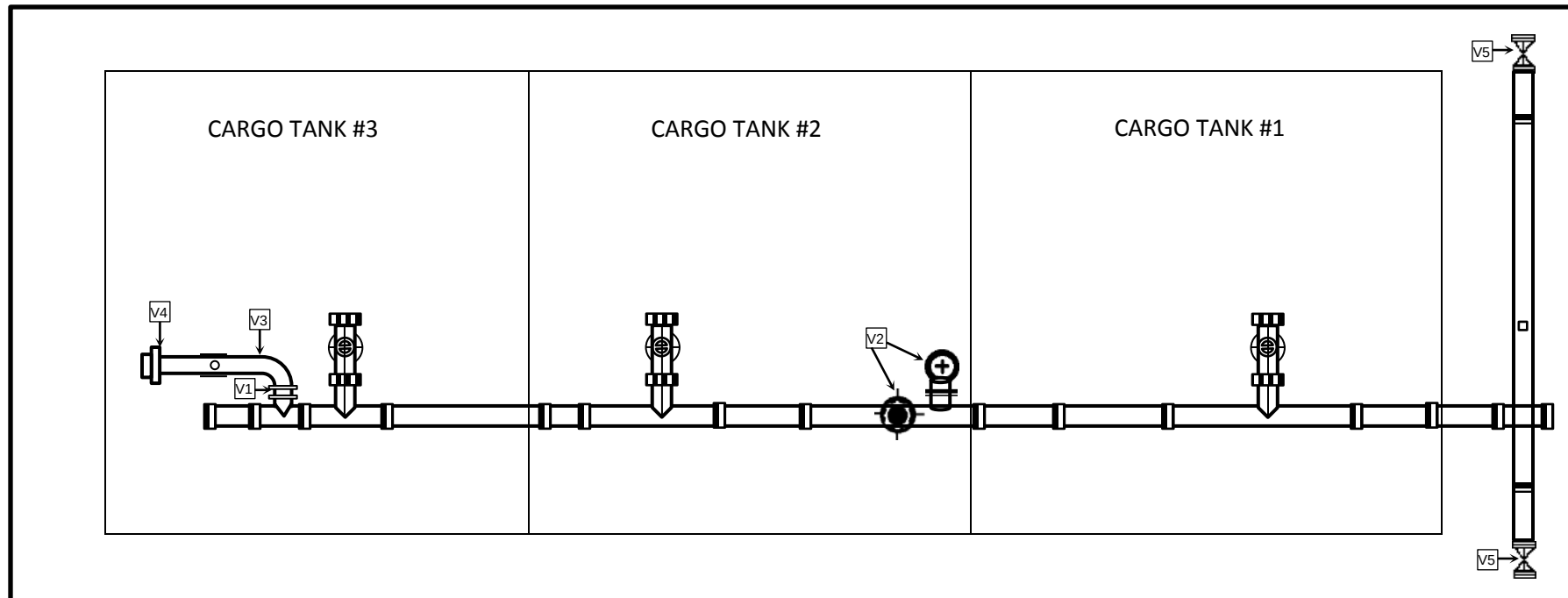
200'-0" X 35'-0" X 12'-6" DOUBLE SKIN TANK BARGE

CARGO PIPING DIAGRAM

SCALE:	DATE: 9/5/12	

STERN

BOW



VAPOR SYSTEM

- V1 VAPOR STACK VALVE
 V2 PRESS/VACCUM VALVE
 V3 VENT STACK
 V4 RAIN CAP
 V5 VAPOR HEADER VALVE

BARGE INFORMATION

HULL	04-2174	04-2175	04-2176	04-2177	04-2178	04-2179
NAME:	CBC 62	CBC 63	CBC 64	CBC 65	CBC 66	CBC 67
OFF.#	1157187	1157188	1157189	1157190	1157191	1157192
YR BUILT	2004	2004	2004	2004	2004	2004
HULL	04-2180	04-2181	04-2182	04-2183	04-2184	04-2185
NAME:	CBC 68	CBC 69	CBC 70	CBC 71	CBC 72	CBC 73
OFF.#	1157193	1157194	1157195	1157196	1157197	1157198
YR BUILT	2004	2004	2004	2004	2004	2004

CBC 62-73 vapor piping(FINAL).docx

BUILDER: JEFFBOAT

CANAL BARGE COMPANY, INC.



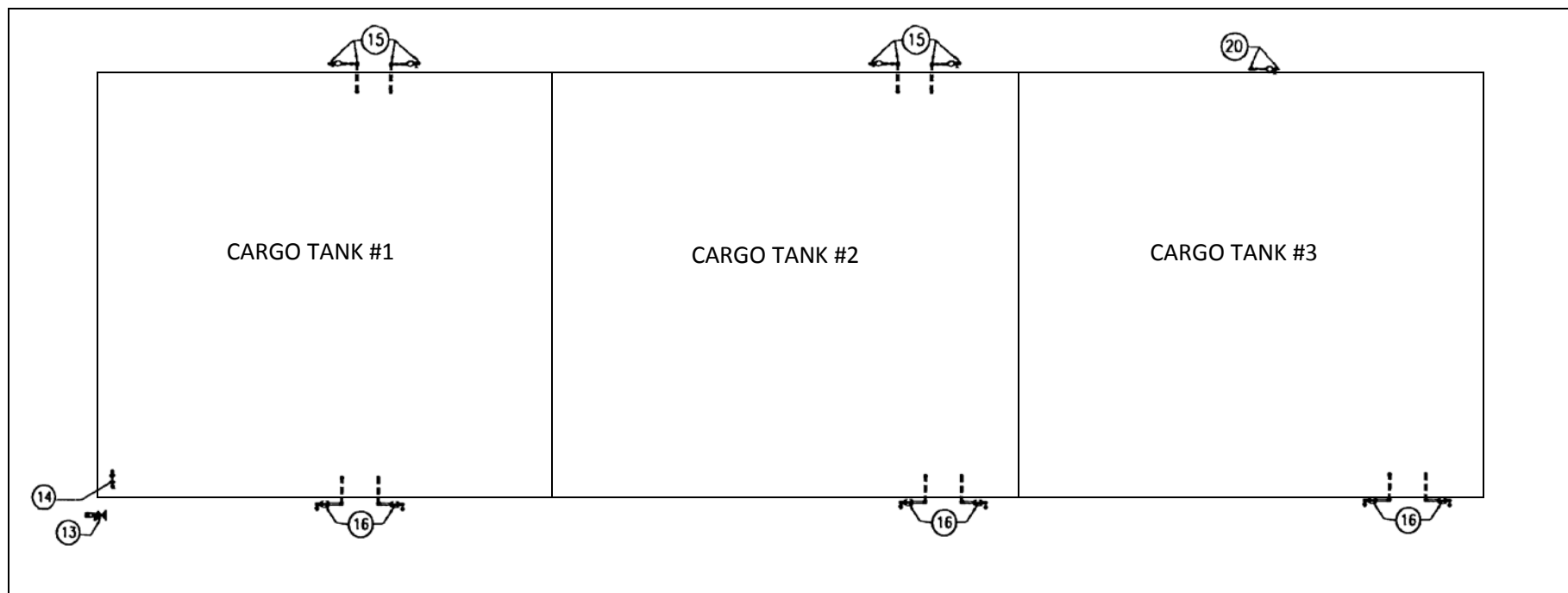
200'-0" X 35'-0" X 12'-6" DOUBLE SKIN TANK BARGE

VAPOR PIPING DIAGRAM

SCALE:	DATE: 9/5/12	

BOW

STERN



STEAM SYSTEM VALVES

- 13 STEAM SUPPLY SHORE CONNECTION
- 14 STEAM SUPPLY TO PUMPWELL
- 15 STEAM CONDENSATE RETURN VALVE
- 16 STEAM SUPPLY VALVE
- 20 STEAM CONDENSATE RETURN FROM PUMPWELL

BARGE INFORMATION

HULL	04-2174	04-2175	04-2176	04-2177	04-2178	04-2179
NAME:	CBC 62	CBC 63	CBC 64	CBC 65	CBC 66	CBC 67
OFF.#	1157187	1157188	1157189	1157190	1157191	1157192
YR BUILT	2004	2004	2004	2004	2004	2004
HULL	04-2180	04-2181	04-2182	04-2183	04-2184	04-2185
NAME:	CBC 68	CBC 69	CBC 70	CBC 71	CBC 72	CBC 73
OFF.#	1157193	1157194	1157195	1157196	1157197	1157198
YR BUILT	2004	2004	2004	2004	2004	2004

BUILDER: JEFFBOAT

CANAL BARGE COMPANY, INC.



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

STEAM PIPING DIAGRAM

SCALE:	DATE: 9/5/12	