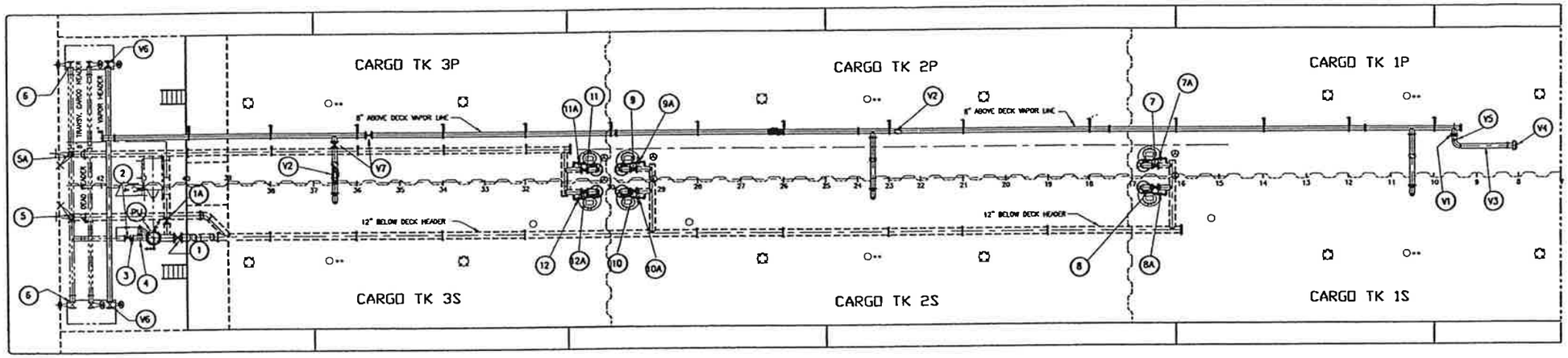

PLAN

FWD

CARGO SYSTEM VALVES

1	PUMP SUCTION VALVE
1A	PUMP SUCTION VALVE, #3 TANK
2	PUMP DISCHARGE VALVE
3	PUMP DISCHARGE CHECK VALVE
4	PRESSURE RELIEF VALVE
5	CARGO FILL/LOAD VALVE
5A	CARGO FILL/LOAD VALVE, #3 TANK
6	PORT & STBD. HEADER VALVES
7	#1 PORT CARGO FILL/SUCTION VALVE
7A	#1 PORT CARGO STRIPPING VALVE
8	#1 STBD. CARGO FILL/SUCTION VALVE
8A	#1 STBD. CARGO STRIPPING VALVE
9	#2 PORT CARGO FILL/SUCTION VALVE
9A	#2 PORT CARGO STRIPPING VALVE
10	#2 STBD. CARGO FILL/SUCTION VALVE
10A	#2 STBD. CARGO STRIPPING VALVE
11	#3 PORT CARGO FILL/SUCTION VALVE
11A	#3 PORT CARGO STRIPPING VALVE
12	#3 STBD. CARGO FILL/SUCTION VALVE
12A	#3 STBD. CARGO STRIPPING VALVE
PU	PUMP

CARGO LOADING:

A OPEN VALVES NO. 5,6,7,8,9 & 10 FOR TANK #1 & 2
OR OPEN VALVES NO. 5A, 6, 11 & 12 FOR TANK #3

B CLOSE VALVES NO. 2

C VENT TANKS

CARGO DISCHARGE

A OPEN VALVES NO. 1,2,6,7,8,9 & 10 FOR TANK #1 & 2
OR OPEN VALVES NO. 1A, 2, 6, 11 & 12 FOR TANK #3

B CLOSE VALVES NO. 5 OR 5A

C VENT TANKS

VAPOR SYSTEM:

V1	VENT STACK VALVE
V2	PRESS/VACCUM VALVE
V3	VENT STACK
V4	RAIN CAP
V5	VAPOR SWIVEL JOINT
V6	VAPOR HDR VALVE
V7	VAPOR BLOCK VALVE

FMT 3011

REV	ECN	DESCRIPTION	DATE	BY
		REVISIONS		

TRINITY MARINE PRODUCTS, INC.

TRINITY MARINE PRODUCTS, INC.
TRINIT DESIGN
1850 Monte Road – Ashland City, Tn. 37015

FLORIDA MARINE TRANSPORTERS, INC.

297'-6" X 54'-0" X 12'-0" DOUBLE SKIN TANK BARGE

CARGO PIPING DIAGRAM &
VAPOR SYSTEM DIAGRAM

SCALE: NONE	DATE: 7/30/98		DWG NO. P-1
DRAWN BY: SP	CK'D BY:	APPR BY:	
YARD: ASHLAND CITY		TAG NO. 98028	SHT 1 OF 1
HULL NO. 4336, 4337		SHOP ORDER:	REV. 0