

PORT

STARBOARD

NO. 4 PORT

NO. 3 PORT

NO. 2 PORT

NO. 1 PORT

NO. 4 STB

NO. 3 STB

NO. 2 STB

NO. 1 STB

NO. 3 CARGO TANK  
3463 BBLs.

NO. 2 CARGO TANK  
3487 BBLs.

NO. 1 CARGO TANK  
3782 BBLs.

NOTE 1

NOTE 1

NOTE 1: CONTAINMENT P/S

- 1C 8" CARGO TANK VALVE
- 2C 8" LOAD VALVE
- 3C 10" MASTER SUCTION VALVE
- 4C 8" DISCHARGE VALVE
- 5C 8" HEADER VALVE
- 6C 8" SALVAGE VALVE
- 8C 6" RELIEF VALVE
- 9C 8" CHECK VALVE
- 10C 1" BURP VALVE
- 11C 1" BLEED OFF VALVE

- 12C 1" BURP VALVE RETURN TO CARGO TANK
- 16C DISCHARGE PRESSURE GAUGE
- 19C 8" CARGO HEADER
- 24C 1" PIPE SIGHT GLASS
- 30C 10" CARGO PIPELINE
- 36C PRESSURE GAUGE
- 37C CARGO DROP
- — ABOVE DECK PIPING
- - - BELOW DECK PIPING

TRINITY MARINE PRODUCTS - BARREL CAPACITY=10732

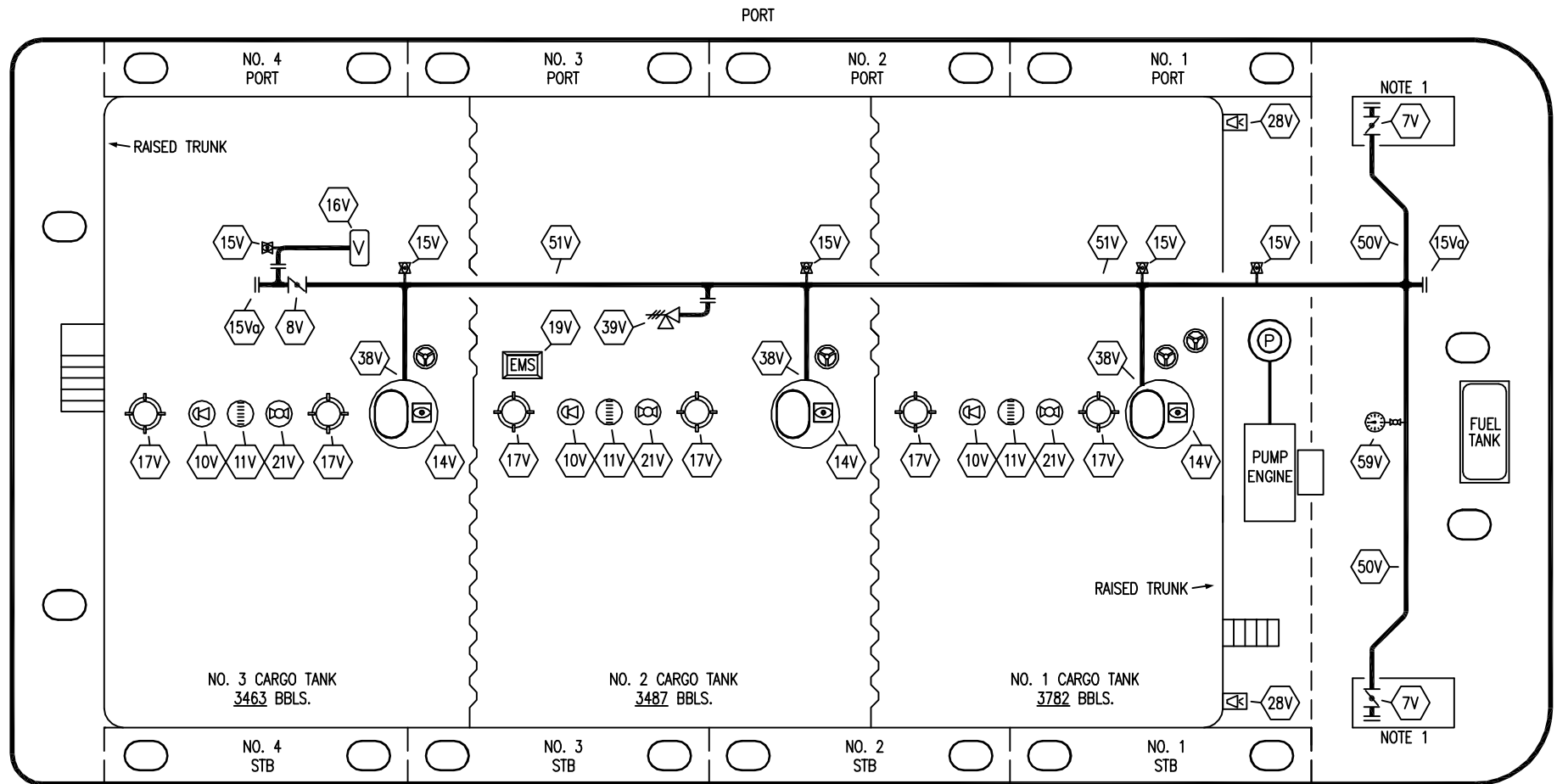
KIRBY INLAND MARINE

**CARGO  
PIPING FLOW DIAGRAM**

0	02/18/13	KS	DDA	FOR APPROVAL
REV.	DATE	BY	CHK	APP
				REVISION DESCRIPTION

SCALE: NONE  
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**KIRBY 10253** REV. **0**



NOTE 1

NOTE 1



NOTE 1: CONTAINMENT P/S

TRINITY MARINE PRODUCTS – BARREL CAPACITY=10732

**KIRBY INLAND MARINE** 

**VAPOR  
PIPING FLOW DIAGRAM**

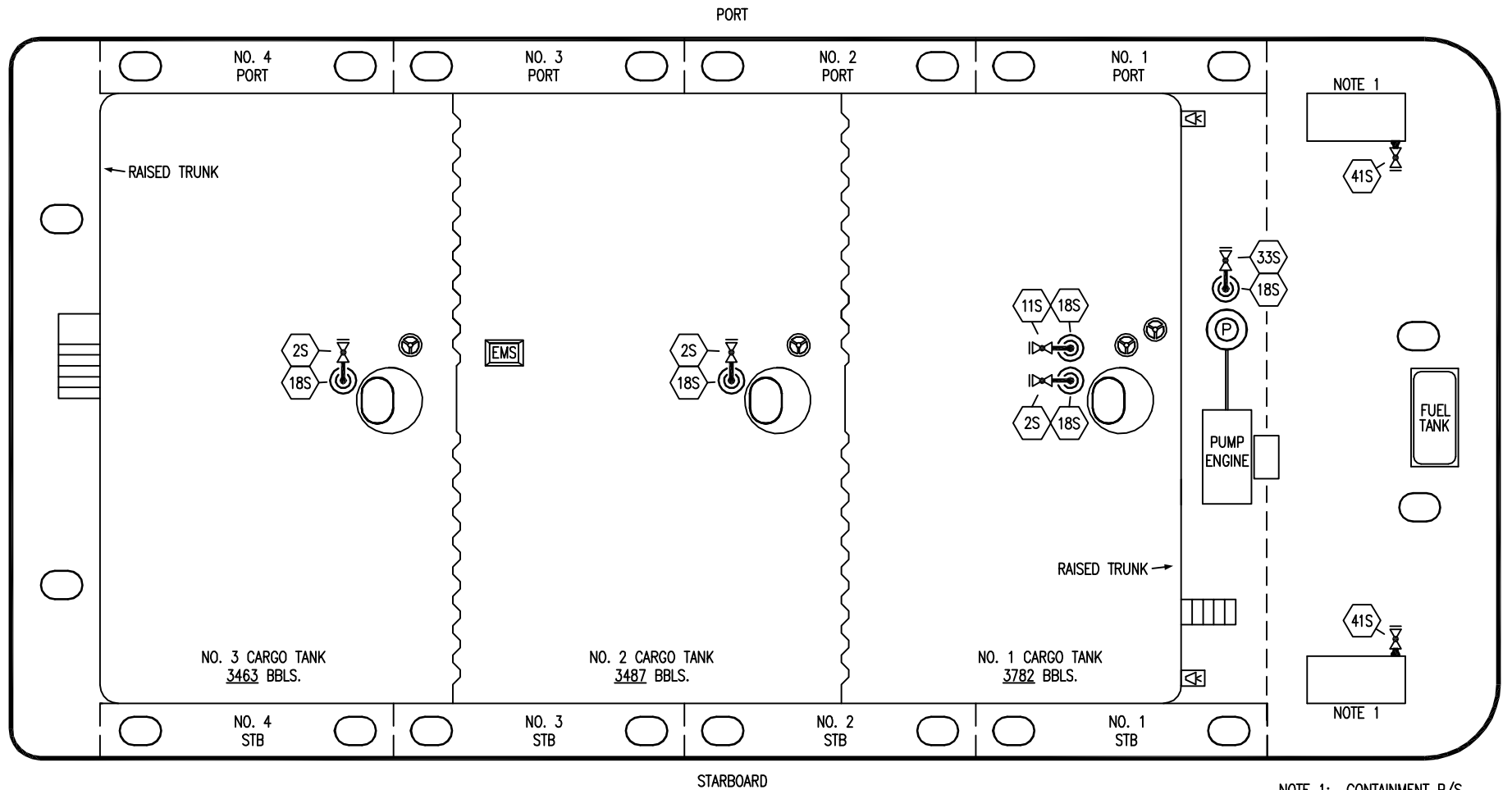
**KIRBY 10253**

- |           |                           |   |  |
|-----------|---------------------------|---|--|
| <b>NO</b> | <b>DESCRIPTION</b>        | <b>NO</b>   | <b>DESCRIPTION</b>   |
| 7V        | 8" HEADER VALVE           | 19V   | EMERGENCY ENGINE SHUT DOWN   |
| 8V        | 8" VENT STACK VALVE       | 21V   | HERMETIC GAUGE   |
| 10V       | HIGH LEVEL/OVERFILL ALARM | 28V   | DOCK CONNECTION ALARM  |
| 11V       | GAUGE STICK               | 39V   | 6" PRESSURE/VACUUM VALVE   |
| 14V       | SIGHT GLASS W/GAUGE TREE  | 38V   | 8" VAPOR PENETRATION  |
| 15V       | 2" INSPECTION PORT        | 50V   | 8" VAPOR HEADER  |
| 15Va      | 8" INSPECTION PORT        | 51V   | 8" VAPOR PIPELINE  |
| 16V       | 8" VAPOR VENT STACK       | 59V   | PRESS/VAC GAUGE  |
| 17V       | 20" BUTTERWORTH           |  | ABOVE DECK PIPING  |


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SCALE: NONE  
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NOTE 1: CONTAINMENT P/S

NO	DESCRIPTION
2S	CARGO SUMP SUCTION VALVE
11S	LOWER CARGO PIPELINE SUCTION VALVE
18S	STRIPPING DROP 
33S	PUMP WELL SUCTION VALVE
41S	CONTAINMENT DRAIN VALVE W/ CAP

TRINITY MARINE PRODUCTS – BARREL CAPACITY=10732

						<b>KIRBY INLAND MARINE</b> 							
								<b>STRIPPING PIPING FLOW DIAGRAM</b>					
						0 02/18/13 KS DDA FOR APPROVAL						SCALE: NONE	
						REV. DATE BY CHK APP REVISION DESCRIPTION						PAGE: 3 OF 3	
												<b>KIRBY 10253</b>	
						REV. <b>0</b>							