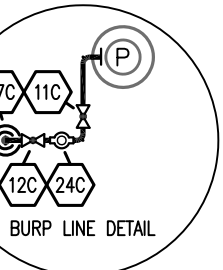
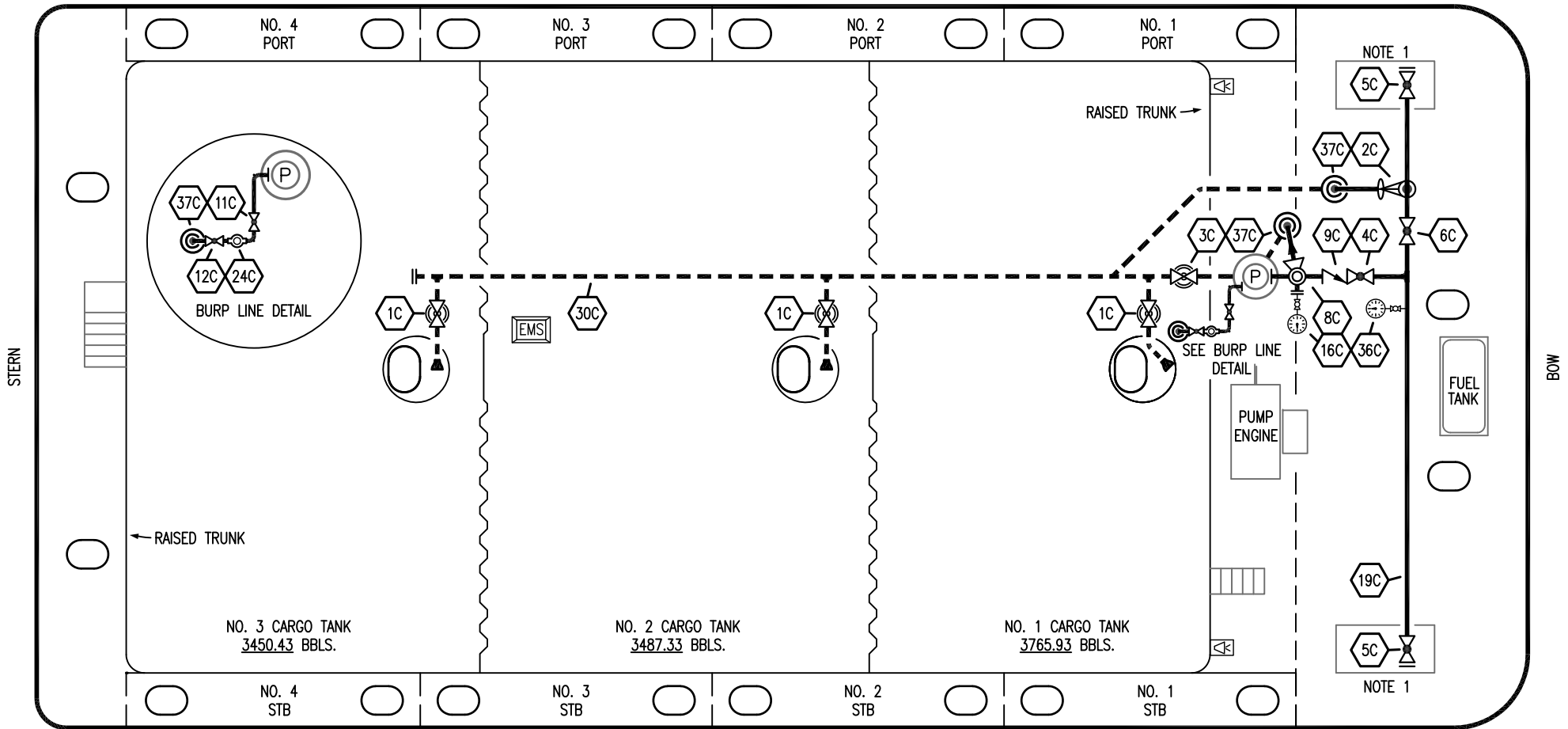


PORT



NO. 3 CARGO TANK  
3450.43 BBLS.

NO. 2 CARGO TANK  
3487.33 BBLS.

NO. 1 CARGO TANK  
3765.93 BBLS.

FUEL TANK

STARBOARD

NOTE 1: CONTAINMENT P/S

NO	DESCRIPTION	NO	DESCRIPTION
1C	8" CARGO TANK VALVE	12C	1" BURP VALVE RETURN TO CARGO TANK
2C	8" LOAD VALVE	16C	DISCHARGE PRESSURE GAUGE
3C	10" MASTER SUCTION VALVE	19C	8" CARGO HEADER
4C	8" DISCHARGE VALVE	24C	1" PIPE SIGHT GLASS
5C	8" HEADER VALVE	30C	10" CARGO PIPELINE
6C	8" SALVAGE VALVE	36C	PRESSURE GAUGE
8C	6" RELIEF VALVE	37C	CARGO DROP
9C	8" CHECK VALVE	—	— ABOVE DECK PIPING
11C	1" BLEED OFF VALVE	---	--- BELOW DECK PIPING

TRINITY MARINE PRODUCTS – BARREL CAPACITY=10703.69

**KIRBY INLAND MARINE** 

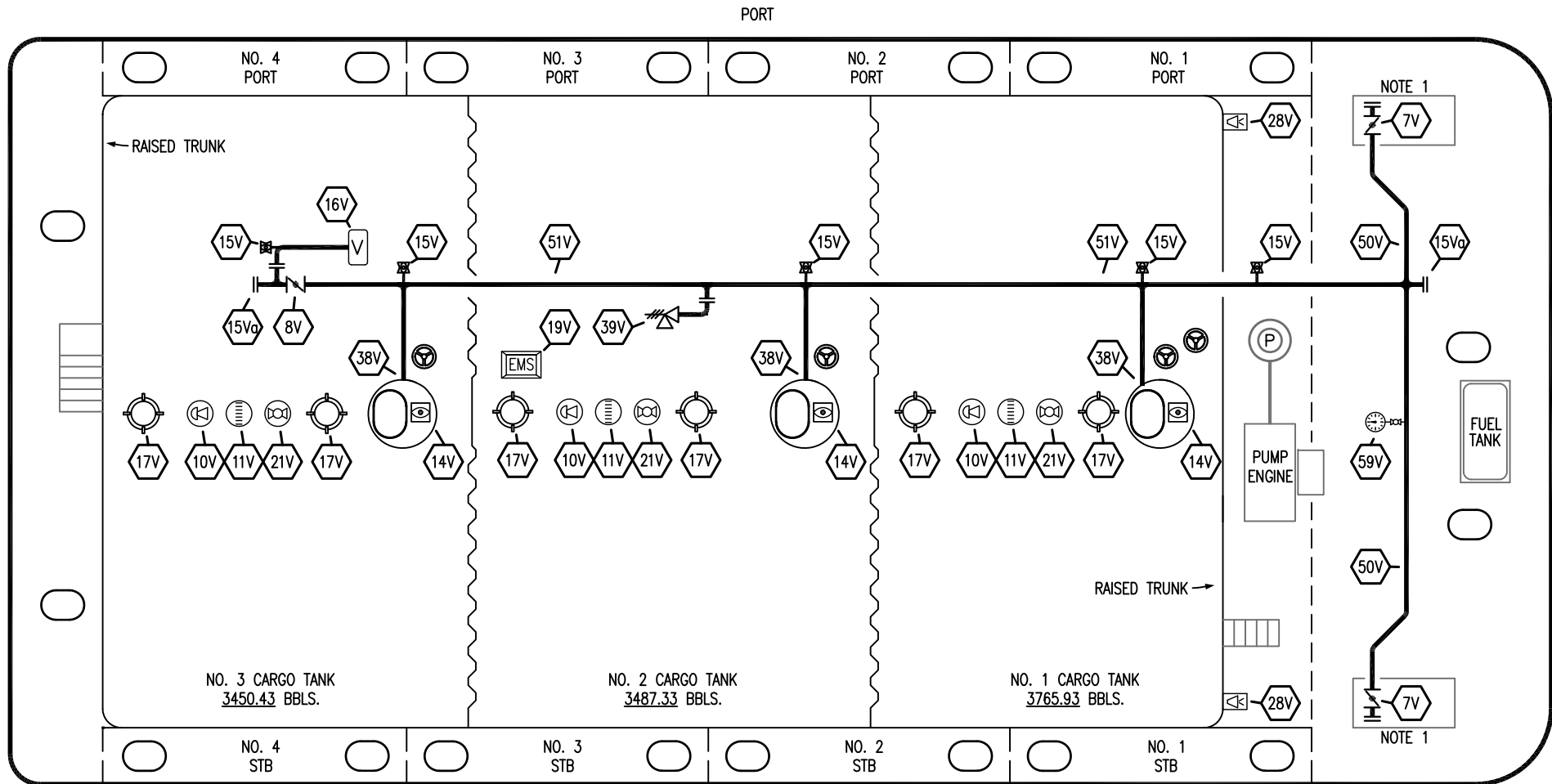
**CARGO  
PIPING FLOW DIAGRAM**

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	01/16/24	MRV	DDA	DL	REVISED PER CLIENT COMMENTS
0	02/18/13	KS	DDA		FOR APPROVAL

SCALE: NONE  
PAGE: 1 OF 3

**KIRBY 10277**

REV. **1**



NOTE 1: CONTAINMENT P/S

- |           |                           |           |                            |
|-----------|---------------------------|-----------|----------------------------|
| <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          |

TRINITY MARINE PRODUCTS – BARREL CAPACITY=10703.69

1	01/16/24	MRV	DDA	DL	REVISED PER CLIENT COMMENTS
0	02/18/13	KS	DDA		FOR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

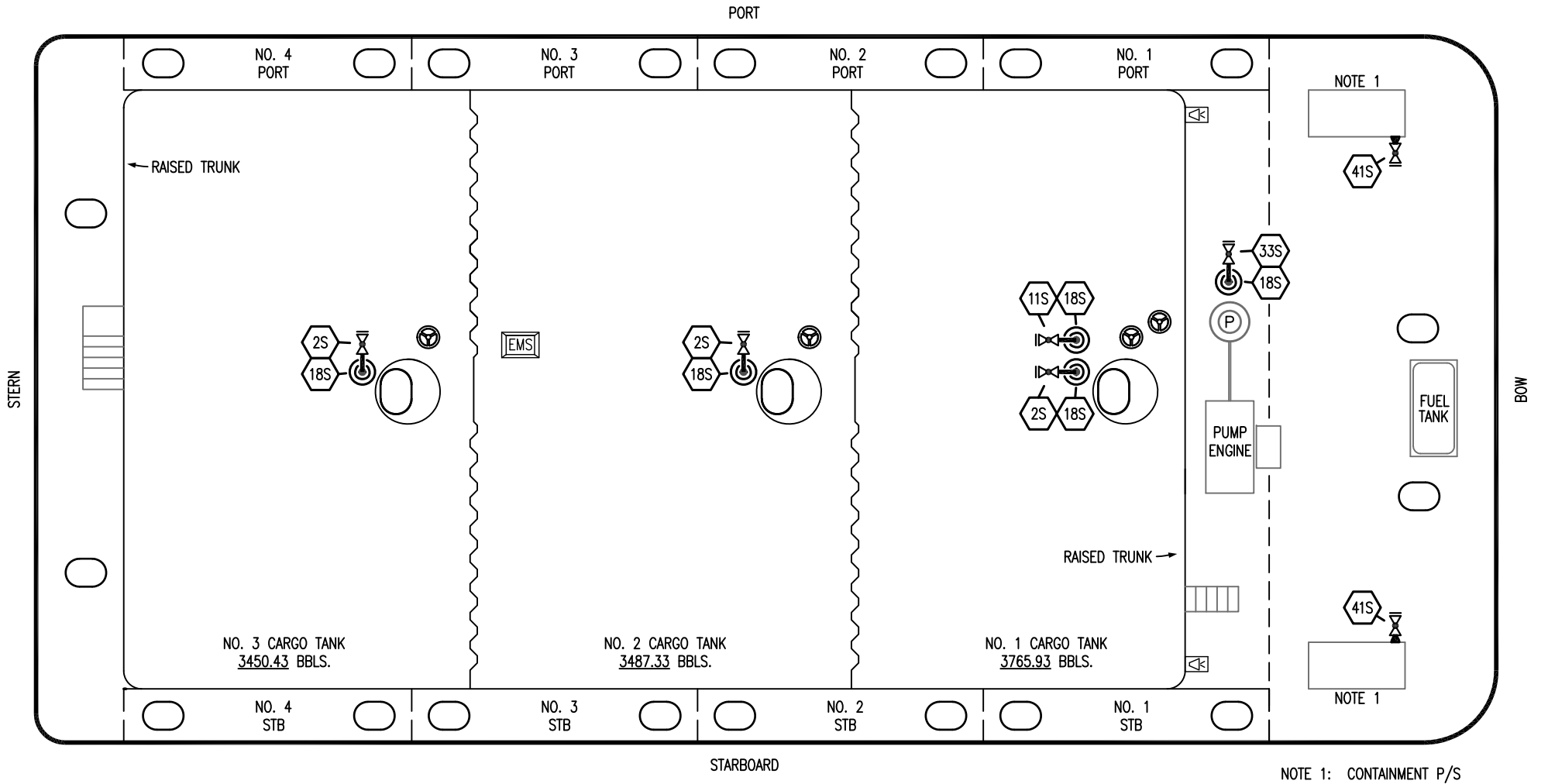
**KIRBY INLAND MARINE**

**VAPOR  
PIPING FLOW DIAGRAM**

**KIRBY 10277**

SCALE: NONE  
PAGE: 2 OF 3

REV. **1**



NOTE 1

41S

33S  
18S

11S 18S

2S 18S

PUMP ENGINE

FUEL TANK

41S

NOTE 1

← RAISED TRUNK

RAISED TRUNK →

NO. 3 CARGO TANK  
3450.43 BBLs.

NO. 2 CARGO TANK  
3487.33 BBLs.

NO. 1 CARGO TANK  
3765.93 BBLs.

NO. 4 PORT

NO. 3 PORT

NO. 2 PORT

NO. 1 PORT

NO. 4 STB

NO. 3 STB

NO. 2 STB

NO. 1 STB


PORT

STARBOARD

STERN


BOW

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=10703.69

1	01/16/24	MRV	DDA	DL	REVISED PER CLIENT COMMENTS	
0	02/18/13	KS	DDA		FOR APPROVAL	
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION	

**KIRBY INLAND MARINE** 

**STRIPPING  
PIPING FLOW DIAGRAM**

SCALE: NONE	<b>KIRBY 10277</b>	REV. 1
PAGE: 3 OF 3		