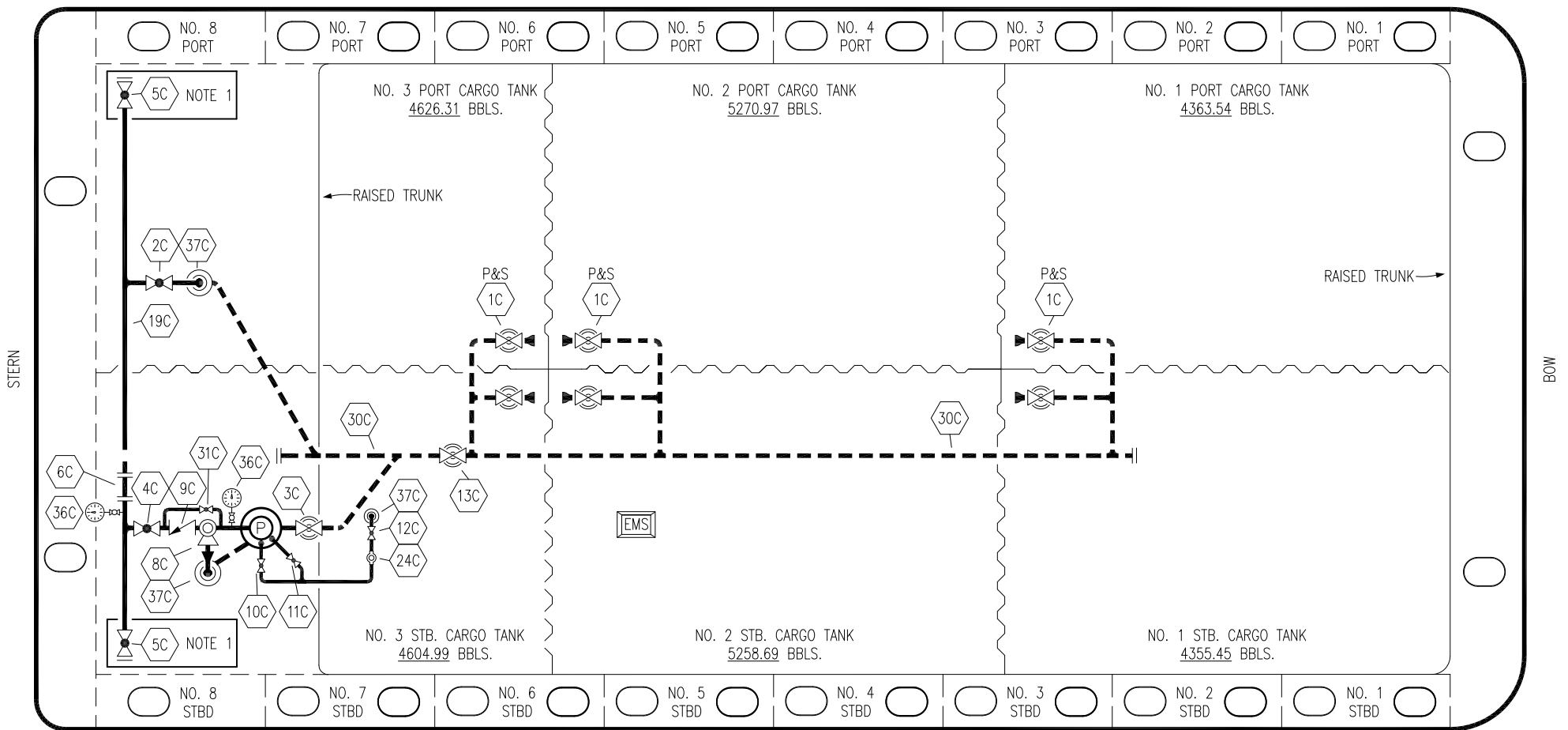


PORT



STARBOARD

- |     |                      |       |                                 |
|-----|----------------------|-------|---------------------------------|
| NO  | DESCRIPTION          | NO    | DESCRIPTION                     |
| 1C  | CARGO TANK VALVE     | 12C   | BURP VALVE RETURN TO CARGO TANK |
| 2C  | LOAD VALVE           | 13C   | CARGO PIPING BLOCK VALVE        |
| 3C  | MASTER SUCTION VALVE | 19C   | CARGO HEADER                    |
| 4C  | DISCHARGE VALVE      | 24C   | FLOW INDICATOR                  |
| 5C  | HEADER VALVE         | 30C   | CARGO PIPELINE                  |
| 6C  | SPOOL PIECE          | 31C   | BYPASS VALVE                    |
| 8C  | RELIEF VALVE         | 36C   | PRESSURE GAUGE                  |
| 9C  | CHECK VALVE          | 37C   | CARGO DROP                      |
| 10C | BURP VALVE           | —     | — ABOVE DECK PIPING             |
| 11C | BLEED OFF VALVE      | - - - | - - - BELOW DECK PIPING         |

NOTE 1: CONTAINMENT P/S

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	10/05/21	MRV	DDA	CW	REVISED PER CLIENT COMMENTS
A	01/10/11	RB	RB	OF	FOR APPROVAL

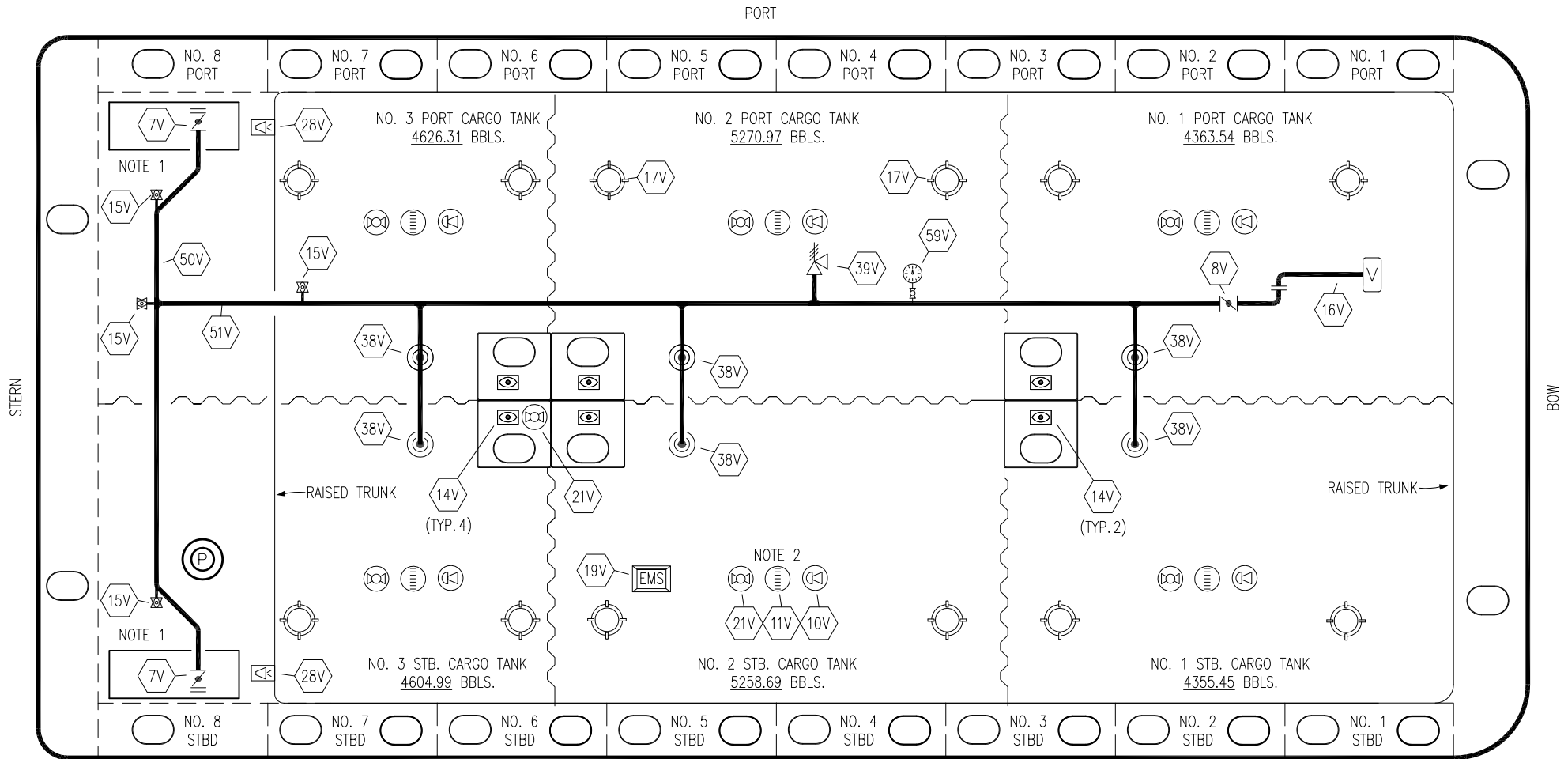
TRINITY

**KIRBY INLAND MARINE**

**CARGO**

**PIPING FLOW DIAGRAM**

SCALE: NONE	<b>KIRBY 28138</b>	REV. 0
PAGE: 1 OF 3		



NO	DESCRIPTION	NO	DESCRIPTION
7V	8" HEADER VALVE	21V	2" HERMETIC GAUGE
8V	8" VENT STACK VALVE	28V	DOCK CONNECTION ALARM
10V	8" HIGH LEVEL/OVERFILL ALARM	38V	8" VAPOR PENETRATION
11V	8" 1-METER STICK GAUGE	39V	PRESS/VAC RELIEF VALVE
14V	8" SIGHT GLASS W/GAUGE TREE	50V	8" VAPOR HEADER
15V	2" INSPECTION PORT	51V	8" VAPOR PIPELINE
16V	8" VAPOR VENT STACK	59V	PRESS/VAC GAUGE
17V	20" BUTTERWORTH	—	ABOVE DECK PIPING
19V	EMERGENCY ENGINE SHUT DOWN		

NOTE 1: CONTAINMENT P/S  
 NOTE 2: RIGGING IS TYPICAL IN EACH TANK

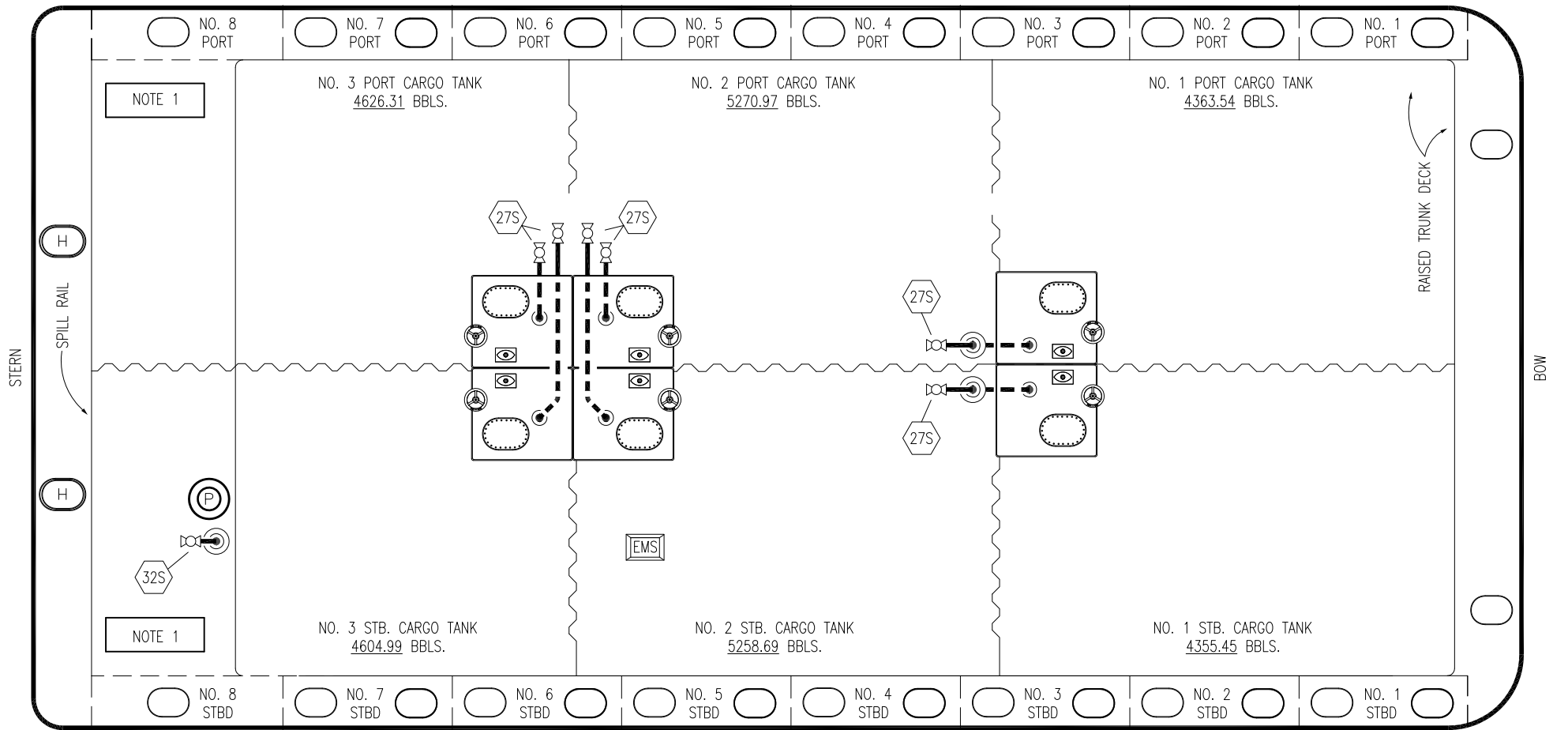
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	10/05/21	MRV	DDA	CW	REVISED PER CLIENT COMMENTS
0	02/19/16	WFB	DDA		REVISED PER CLIENT COMMENTS
A	01/10/11	RB	RB	OF	FOR APPROVAL

TRINITY

**KIRBY INLAND MARINE**

**VAPOR  
PIPING FLOW DIAGRAM**

SCALE: NONE	<b>KIRBY 28138</b>	REV. 1
PAGE: 2 OF 3		



NOTE 1

NOTE 1

EMS

NOTE 1: CONTAINMENT P/S

TRINITY

- NO DESCRIPTION
- 18S TYP. STRIPPING PENETRATION (18S symbol)
- 27S SUMP SUCTION (27S symbol)
- 32S PUMP WELL PRIMER VALVE (32S symbol)

- ABOVE DECK PIPING
- - - BELOW DECK PIPING

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
2	10/05/21	MRV	DDA	CW	REVISED PER CLIENT COMMENTS
1	06/30/11	JN	DDA		REVISED SUCTION VALVES
0	03/30/11	DCB	DCB	OF	FOR REVIEW

KIRBY INLAND MARINE

STRIPPING  
PIPING FLOW DIAGRAM

SCALE: NONE	KIRBY 28138
PAGE: 3 OF 3	REV. 2