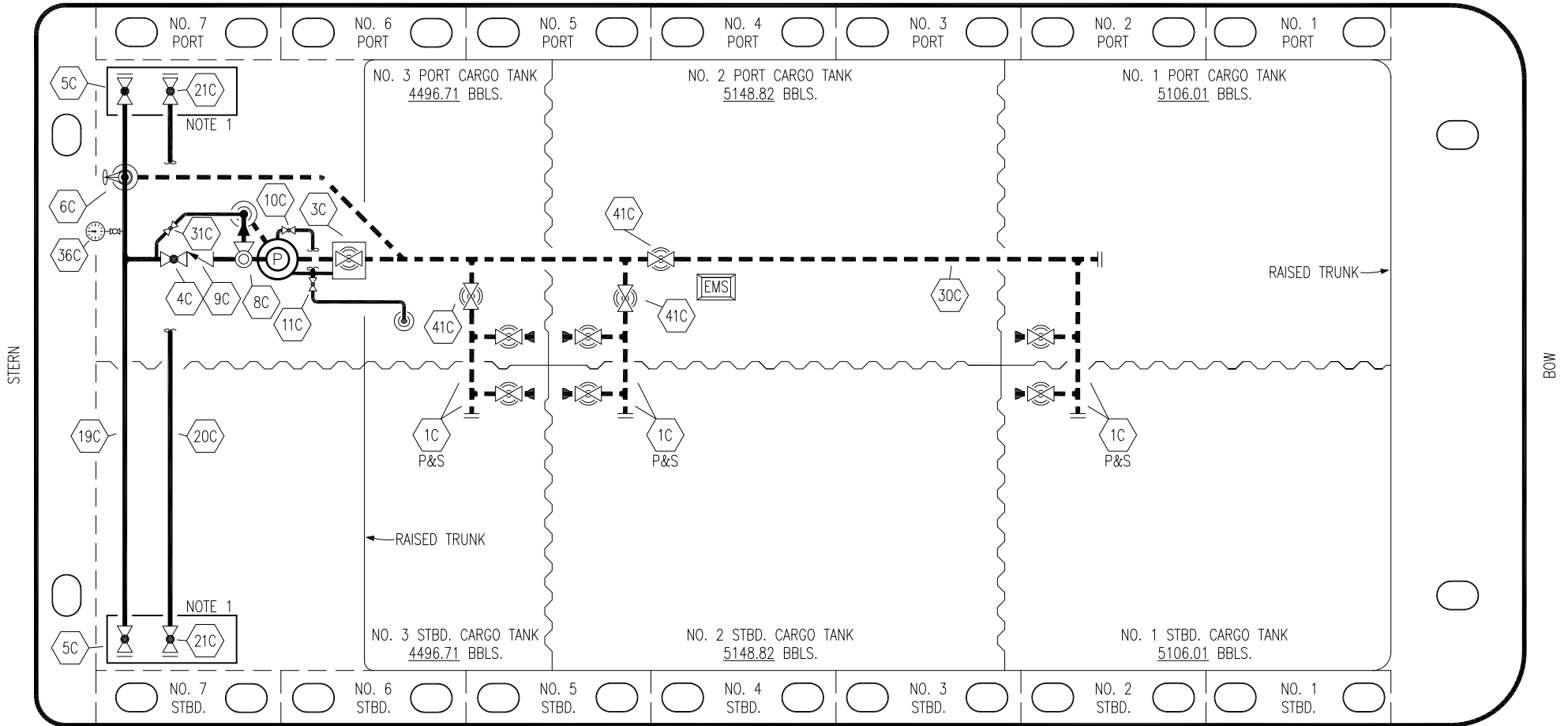


PORT



STARBOARD

- | | | | |
|-----|---------------------------------|-------|-------------------------|
| NO | DESCRIPTION | NO | DESCRIPTION |
| 1C | CARGO TANK VALVE | 19C | CARGO HEADER |
| 2C | LOAD VALVE | 20C | DUMMY PIPELINE |
| 3C | MASTER SUCTION VALVE | 21C | DUMMY HEADER VALVE |
| 4C | DISCHARGE VALVE | 30C | CARGO PIPELINE |
| 5C | HEADER VALVE | 31C | BYPASS VALVE |
| 6C | SALVAGE VALVE | 36C | PRESSURE GAUGE |
| 8C | RELIEF VALVE | 37C | CARGO DROP |
| 9C | CHECK VALVE | 41C | SUCTION BLOCK VALVE |
| 10C | BURP VALVE | — | — ABOVE DECK PIPING |
| 11C | BLEED OFF VALVE | - - - | - - - BELOW DECK PIPING |
| 12C | BURP VALVE RETURN TO CARGO TANK | | |

NOTE 1: CONTAINMENT P/S

EX: SMS 30024

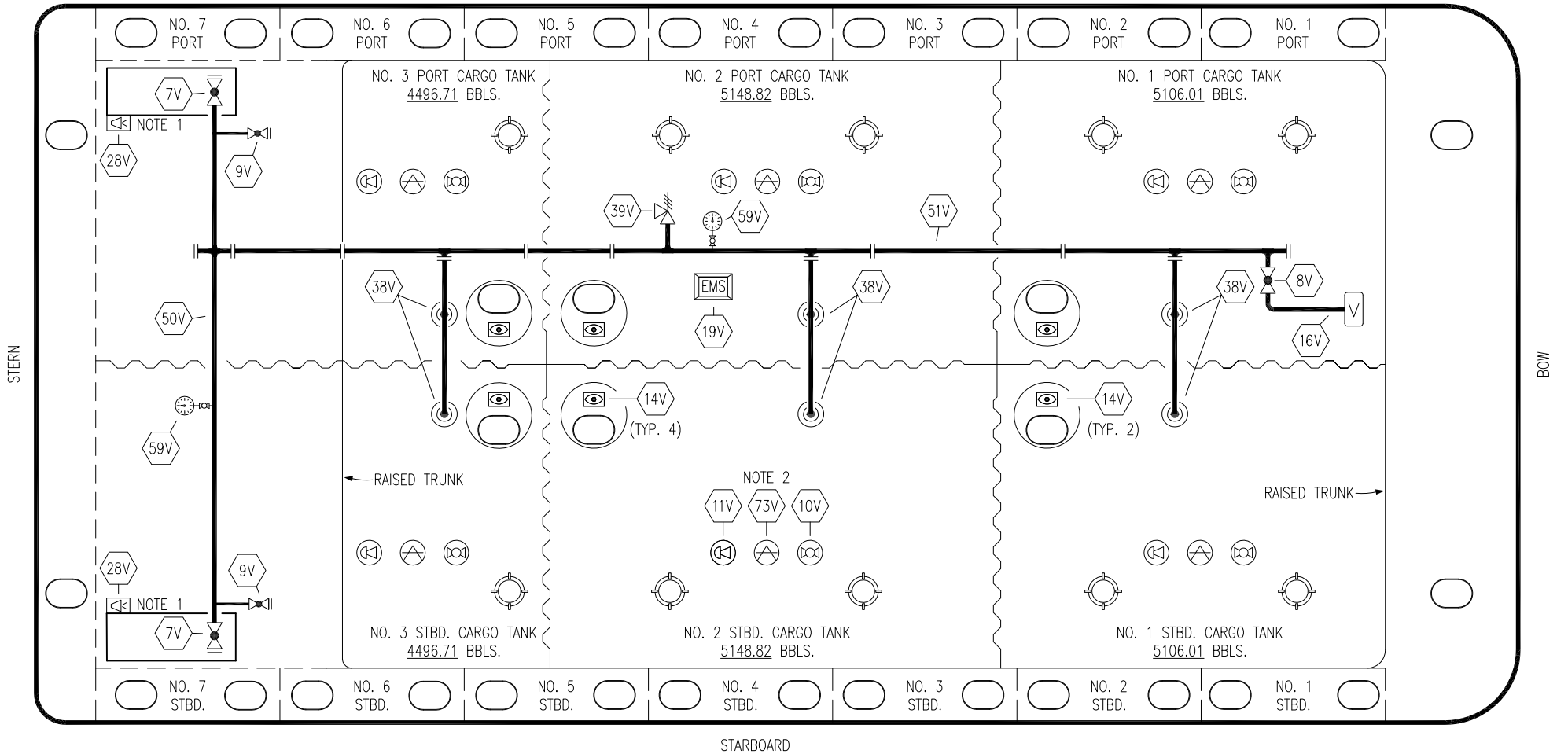
0	11/19/21	MRV	DDA	CW	ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

KIRBY INLAND MARINE

**CARGO
PIPING FLOW DIAGRAM**

SCALE: NONE	KIRBY 29160	REV. 0
PAGE: 1 OF 3		

PORT



NO	DESCRIPTION
7V	8" HEADER VALVE
8V	8" VENT STACK VALVE
9V	DRAIN VALVE
10V	HIGH LEVEL/OVERFILL ALARM
11V	1-METER GAUGE STICK
16V	VAPOR VENT STACK
19V	EMERGENCY ENGINE SHUT DOWN
28V	DOCK CONNECTION ALARM

NO	DESCRIPTION
38V	8" VAPOR PENETRATION
39V	PRESSURE/VACUUM VALVE
50V	8" VAPOR HEADER
51V	8" VAPOR PIPELINE
59V	PRESS/VAC GAUGE
73V	MMC GAUGE POINT
—	ABOVE DECK PIPING

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

EX: SMS 30024

0	11/19/21	MRV	DDA	CW	ISSUED FOR APPROVAL
REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION

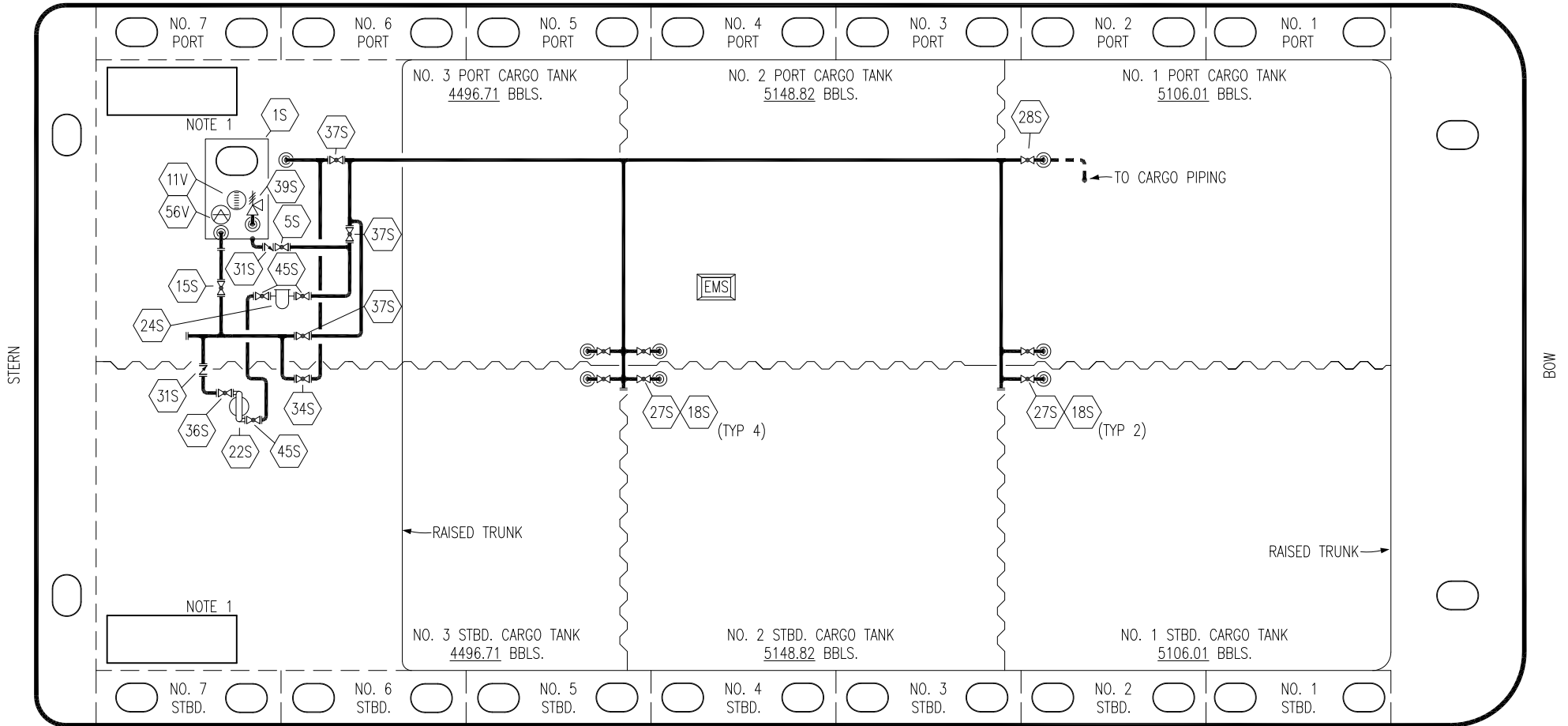
KIRBY INLAND MARINE

**VAPOR
PIPING FLOW DIAGRAM**

KIRBY 29160

SCALE: NONE	REV. 0
PAGE: 2 OF 3	

PORT



NO	DESCRIPTION	NO	DESCRIPTION
1S	SLOP TANK	32S	PUMP WELL PRIMER VALVE
5S	SLOP TANK SUCTION VALVE	33S	PUMP WELL SUCTION VALVE
15S	RETURN TO TANK	34S	DEEPWELL PRIME VALVE
16S	REMOTE SUCTION CONNECTION	36S	STRIPPING PUMP DISCHARGE VALVE
18S	STRIPPING DROP (☉)	37S	BLOCK VALVE
22S	STRIPPING PUMP	39S	P/V VALVE
24S	BASKET STRAINER	45S	STRIPPING PUMP SUCTION VALVE
26S	STRIPPING HEADER BLOCK VALVE	11V	GAUGE STICK
27S	SUMP SUCTION VALVE	56V	GAUGE POINT
28S	CARGO PIPING SUCTION	—	ABOVE DECK PIPING
31S	CHECK VALVE	- - -	BELOW DECK PIPING

STARBOARD

NOTE 1: CONTAINMENT P/S

EX: SMS 30024

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
0	11/19/21	MRV	DDA	CW	ISSUED FOR APPROVAL



KIRBY INLAND MARINE

STRIPPING

PIPING FLOW DIAGRAM

KIRBY 29160

SCALE: NONE	REV. 0
PAGE: 3 OF 3	