




NO	DESCRIPTION	NO	DESCRIPTION
1C	8" CARGO TANK VALVE	13C	10" CARGO PIPING BLOCK VALVE
2C	8" LOAD VALVE	19C	8" CARGO HEADER
3C	10" MASTER SUCTION VALVE	30C	10" CARGO PIPELINE
4C	6" DISCHARGE VALVE	31C	2" BYPASS VALVE
5C	8" HEADER VALVE	35S	2" STRIPPING VALVE
8C	6" RELIEF VALVE	37C	CARGO DROP 
9C	8" CHECK VALVE		ABOVE DECK PIPING
			BELOW DECK PIPING

NOTE 1: CONTAINMENT P/S

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	12/07/20	JDT	DDA		REVISED PER CLIENT COMMENTS
0	11/19/18	MRV	DDA		ISSUED FOR APPROVAL

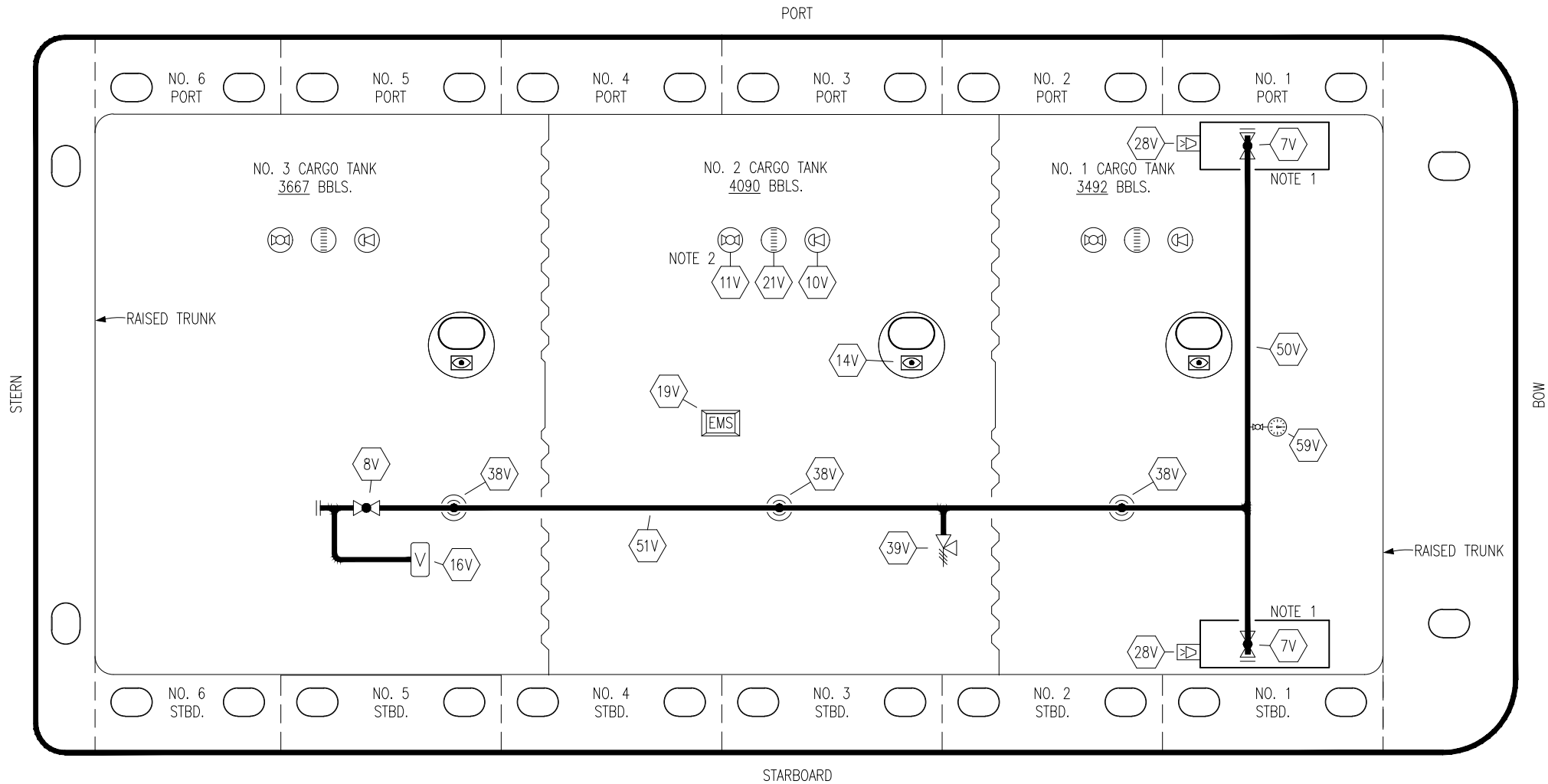
KIRBY INLAND MARINE 

**CARGO
PIPING FLOW DIAGRAM**

SCALE: NONE
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REV. **1**



- | NO | DESCRIPTION |
|-----|----------------------------|
| 7V | 8" HEADER VALVE |
| 8V | 8" VENT STACK VALVE |
| 10V | HIGH LEVEL/OVERFILL ALARM |
| 11V | 1-METER GAUGE STICK |
| 14V | SIGHT GLASS |
| 16V | VAPOR VENT STACK |
| 19V | EMERGENCY ENGINE SHUT DOWN |
| 21V | 2" HERMETIC GAUGE |

- | NO | DESCRIPTION |
|-----|-----------------------|
| 28V | DOCK CONNECTION ALARM |
| 38V | 8" VAPOR PENETRATION |
| 39V | PRESSURE/VACUUM VALVE |
| 50V | 8" VAPOR HEADER |
| 51V | 8" VAPOR PIPELINE |
| 59V | PRESS/VAC GAUGE |
| | ABOVE DECK PIPING |

NOTE 2: TYPICAL RIGGING IN EACH TANK

NOTE 1: CONTAINMENT P/S

REV.	DATE	BY	CHK	APP	REVISION DESCRIPTION
1	12/07/20	JDT	DDA		REVISED PER CLIENT COMMENTS
0	11/19/18	MRV	DDA		ISSUED FOR APPROVAL

KIRBY INLAND MARINE

**VAPOR
PIPING FLOW DIAGRAM**

SCALE: NONE
PAGE: 2 OF 2

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REV. **1**